

16 July 2012

Your ref:

Planning ref:

Our ref:

Katherine Child
Barratt David Wilson Southampton
Tollbar House
Tollbar Way
Hedge End
Southampton
Hampshire
SO30 2UH

Dear Ms Child,

RE: LAND ADJACENT TO ROUNDSTONE LANE, ANGMERING, WEST SUSSEX
PRE-PURCHASE DESK STUDY & PRELIMINARY GROUND INVESTIGATION
LETTER REPORT FOR THE PROPOSED RESIDENTIAL REDEVELOPMENT

Further to instruction from BDW Southampton, we have carried out desk study research and subsequently attended the above site and carried out a walkover survey and pre-purchase ground investigation to provide information to assist with the redevelopment of the site through the construction of a new housing development comprising a range of houses, together with driveways, access roads, hardstanding for car parking, soft landscaping and areas of private domestic gardens. The scope of this ground investigation and desk study research has altered since the initial instruction to proceed, such that this letter provides an updated report on the subsequently reduced site area, with superfluous borehole records omitted. The full extent of the site of consideration is indicated in red on the enclosed site plan.

The comments made in this letter are limited to those that can be made on the basis of the information obtained by Wilson Bailey Partnership as part of the limited research and site walkover visit carried out to date. Our comments should be viewed in the context of the limited scope of the investigation, the locations of the accessible sampling points and the range of data sources consulted, no liability can be accepted for information in other data sources. Any comments made on the basis of information obtained from the client or other third parties are given in good faith on the assumption that the information is accurate; no independent validation of such information has been made by Wilson Bailey Partnership.

Scope of Work

A desk study has been carried out in accordance with current guidelines and best practice to establish the environmental site setting and development history of the site and the surrounding area.

The desk study has been followed by a pre-purchase ground investigation to provide information to assist with the design of new foundations, pavements, soakaways and facilitate the inspection of soils and recovery of soil samples for contaminated land assessment. The ground investigation has been carried out in two phases of small diameter borehole sampling comprising a total of 17 boreholes drilled by means of an open drive percussive soil sampling rig to a depth of up to 6.45 m below ground level. The scope of the physical investigation of the site was limited by the on-going use of the site for grazing horses, which precluded the use of a mechanical excavator to dig trial pits.

The lateral extent of the physical investigation of the site was also affected by the on-going use of the site and a high pressure water main located along the southern and eastern site boundaries.

Combined soil gas and groundwater monitoring standpipes have been installed in four of the boreholes and falling head percolation testing has also been carried out to assess the potential for soil soakage and the viability of soakaways. Return visits for water level monitoring have been carried out during the winter period from October 2011 to March 2012.

The soils encountered in the boreholes were inspected by a Chartered Geologist and representative soil samples were recovered for subsequent laboratory testing for geotechnical properties and for contaminated land soil analyses to determine the presence of a wide range of potential soil contaminants.

In accordance with current best practice the findings of the desk study and ground investigation have been used to formulate a conceptual model for the site and facilitate a preliminary qualitative risk assessment and discussion of the implications of any identified issue of potential concern with regards to ground contamination in order to determine the requirement for further assessment or remedial action as part of the redevelopment of this site for residential purposes.

Site Description

The site comprises a substantial area of greenfield, the northeastern part of is currently used as horse grazing whilst the remainder of the site currently lies fallow as grass meadow. The site is irregularly shaped with maximum approximate dimensions of 300 m by 310 m. The western part of the northern site boundary and the western part of the southern site boundary are formed by the extent of gardens associated with adjoining residential properties. The eastern part of the northern site boundary is formed by ancillary storage space associated with a garden centre, whilst the eastern part of the southern boundary is formed by the extent of the Worthing Rugby Club pitches. The northern part of the western site boundary is formed by Roundstone Lane, with the southern part of the western boundary formed by the extent of houses, gardens and a former plant nursery fronting onto Roundstone Lane to the west. The eastern site boundary is formed by a strip of woodland vegetation with a disused rough surfaced track that also provides vehicular access to the northeastern corner of the site. Beyond the narrow strip of woodland is the A280 that links Angmering to the A27.

The site is sensibly levelled and slightly elevated above Roundstone Lane and the A280. The site is currently in use as rough grazing for a number of ponies, with the southern part of the site used for practice horse-jumping and occasional overflow car parking for the Worthing Rugby Club to the south. The site is transacted by a number of mature unkempt hedgerows with mature trees located within these former field boundaries. Within the central northern part of the site there are a series of timber constructed dilapidated horse filed shelters, with remnants of low brick and flint walls within the central southern part of the site that could be indicative of a more substantial former agricultural yard or structure. The site may be additionally located using National Grid Reference 507590, 104050.

Site History

The history of the site and immediate surrounding area has been researched by reference to historical Ordnance Survey (OS) maps provided by the Envirocheck database together with supplementary sources. The earliest map studied, dated 1876 and indicates that at that time the site was in use as predominantly agricultural land within a predominantly rural setting with a cluster of small buildings shown to have been present within adjoining the central western part of the site.

Subsequent maps indicate that the site has remained essentially unchanged although the surrounding area is shown to have been developed initial for agriculture through the construction of numerous glass houses and agricultural buildings, which have subsequently been demolished and a number of these have been redeveloped for housings. The cluster of small buildings adjacent to the central

western part of the site are shown to have been labelled as Pound Cottage and to have been extended and developed through to the present day, including the construction of small outbuildings within the boundary of the site, which correspond with the locations of relic walls identified during the site walkover.

Environmental Site Setting

Information provided by the British Geological Survey indicates the site to be underlain by predominantly granular River Terrace Deposits overlying the Lewes Nodular Chalk Formation of the White (upper) Chalk Group.

Information provided by the Environment Agency indicates the site and the surrounding area to be underlain by a Secondary A Superficial Aquifer underlain by a Principal Bedrock Aquifer, although the site is not shown to be located within any classification of source protection zone associated with licensed groundwater abstraction.

Further information provided by the Environment Agency does not indicate the presence of any active or historical landfill sites within 500m of the site, with no indications of any other potentially contaminative land uses such as waste processing sites, fuel filling stations or pollution incidents recorded within the vicinity of the site.

The site is not indicated to be in a location or geological setting where there is considered to be an increased risk of chalk dissolution, over and above the risk on any site underlain by chalk.

Information provided by the Health Protection Agency (HPA) confirms the site to be located in an area where between 1% and 3% of houses are above the action level for radon emissions and in the vicinity of an area where between 5% and 10% of houses are affected. On this basis and following further checks of the HPA database by means of CON29 searches of the surrounding properties, radon protective measures will be required as part of the construction of new buildings.

Other Information

On the basis of anecdotal information, the site is understood to have been used for horse grazing for at least 50 years.

Preliminary Conceptual Site Model Summary and Risk Assessment

The site is not considered to have a potentially contaminative use by virtue of a long history of agricultural use that is generally remote from potentially contaminative activities commonly associated with farm yards and farm workshops. The presence of a cluster of small agricultural buildings within and directly adjoining the western central part of the site does present the potential for localised contamination by virtue of the possible use of these buildings as a farm yard.

The site is understood to have a long term historical use as pasture and grazing rather than for arable farming, such that the potential for use of chemicals on the land is limited and the requirement for the use and storage of fuels and the other potential contaminants at the possible farm yard adjoining the site is limited.

The anticipated presence of assumed high permeability chalk soils would not however be expected to mitigate the migration of any potential contamination at this site, although the depth to groundwater could reduce the potential implications of any such contamination, should they be present.

Ground Conditions

A variable thickness of topsoil was encountered across the site to depths of between 0.30m and 0.60m, with the generally greater thickness of topsoil encountered within the central part of the site

Underlying the topsoil a low, becoming medium strength silty sandy clay was encountered to depths of between 1.20 m and 3.50m below ground level. Underlying these clay soils a variable sandy gravel was encountered and proved to the maximum depth of investigation in the majority of the boreholes at a depth of up to 6.00 m. Within Borehole Nos 6, 7, 11, 12 and 13, drilled within the southeastern part of the site, these gravel soils were found to be underlain by a further layer of medium strength brown sandy clay, which was proved to the maximum depth of these boreholes at 6.00m below ground level.

Groundwater was not encountered and no visual or olfactory indications of ground contamination were noted as part of the fieldwork phase of the ground investigation.

The monitoring of the installed groundwater monitoring standpipes during the winter period from October 2011 to November 2012 has not indicated the presence of groundwater to a depth of at least 6.00 m below ground level, which is the maximum depth of investigation at this site. Localised pockets of surface water were noted and are likely to be representative of perched water trapped upon the upper layers of assumed low permeability clay that have been encountered across the site.

Foundation Design Advice

The near surface low strength clay soils should be by passed and spread foundations placed within the underlying medium strength clay soils or the sandy gravel where encountered.

For preliminary design purposes moderate width spread foundations may be designed to found within the medium strength clay soils at a minimum depth of 1.00m and designed on the basis of a net allowable bearing pressure of 75 kN/m². This value includes an adequate factor of safety against bearing capacity failure and should ensure that settlement remains within normal tolerable limits.

On the basis of additional ground investigation it may well be possible to delineate parts of the site where spread foundations may be economically designed to found within the underlying sandy gravel soils, within which moderate width spread foundations may be designed on the basis of a net allowable bearing pressure of 150 kN/m², with a minimum width of 0.60m. In the unlikely event that heavily or eccentrically loaded foundations are required, a check should however be made on the magnitude of settlement once the foundation sizes are known in order to ensure that the underlying clay soils, where present, are not over-stressed,

Foundations within the clay soils present within the southeastern part of the site will need to be deepened in the vicinity of existing and proposed trees and National House Building Council (NHBC) guidelines should be followed in this respect; medium shrinkability clays should be assumed where clay soils are present.

Where trees are to be removed the required founding depth should be determined on the basis of the existing tree height if it is less than 50% of the mature height and on the basis of full mature height if the current height is more than 50% of the mature height. Where a tree is to be retained the final mature height should be adopted and due allowance should be made for future growth of trees, with particular reference to the relatively dense additional planting that is proposed as part of the ecological mitigation measures. Notwithstanding NHBC guidelines, all foundations should extend beyond the zone of desiccation; in this respect it would be prudent to have all foundation excavations inspected by a suitably experienced engineer. The requirement for compressible material alongside foundations should be determined by reference to the NHBC guidelines.

Consideration could be given to the use of alternative foundation such as 'Insulslab' or other proprietary waffle raft foundation solutions, which may be suitable in the ground conditions encountered across the site. Further investigation, testing and discussion may however be required in order for the use of alternative foundation solutions to be sanctioned by the NHBC at this site.

Whilst it is not possible to accurately assess the stability of excavations from small diameter boreholes, it is likely that shallow excavations for services and foundations within the near surface soils are likely to remain dry and broadly stable in the short term, although instabilities could be expected if excavations within dry sand soils are required to remain open for prolonged periods or during periods of heavy rainfall. Groundwater is unlikely to be encountered within shallow excavations for foundations and services. Where personnel are required to enter excavations, a risk assessment should be carried out and temporary lateral support or battering of the excavation sides considered in order to comply with normal safety requirements.

Ground Floor Slabs

In view of the presence of medium shrinkability clay soils and the requirement to incorporate a naturally ventilated under floor void in order to comply with the requirement to mitigate the potential ingress of radon into buildings, proposed new buildings should be designed to incorporate suspended ground floor slabs over a void in accordance with NHBC guidelines. A radon resistant gas membrane with sealed services penetrations and sealed wall cavities will also need to be included within the design of the floor slab and installed in accordance with the manufacturers guidelines.

Pavement Design

Depending upon the finalised design of the development and the proposed ground levels, the formation level for hardstandings and access roads may be locally within the near surface clay soils such that pavements may be designed on the basis of an assumed California Bearing Ratio (CBR) of "about 5%". Insitu CBR testing may be of assistance in the detailed design of new pavements.

Surface Water Drainage

Borehole percolation tests were carried out in a number of the small diameter boreholes to provide an indication of soils soakage rates. The appended results indicate that shallow soakaways to be formed within the near surface weathered zones of the chalk are likely to be viable with a range of assessed soil infiltration rates from 4E-5 m/s to 5E-6 m/s.

Potable Water Supply

The requirement for protection of underground sections of potable water supplies will need to be confirmed through discussions with the proposed statutory provider of mains water to the site, although precautions are not likely to be required for the development at this site.

Soil Contamination Test Results

Part IIA of the Environmental Protection Act 1990, which was inserted into that Act by Section 57 of the Environment Act 1995, provides the main regulatory regime for the identification and remediation of contaminated land. The determination of contaminated sites is based on a "suitable for use" approach which involves managing the risks posed by contaminated land by making risk-based decisions. This risk assessment is carried out on the basis of a source-pathway-receptor approach.

The results of comprehensive laboratory analyses carried out by an MCERTS accredited laboratory on a limited number of soil samples recovered from this site are enclosed. At the time of reporting only a relatively limited selection of Soil Guideline Values have been released following the withdrawal of the previous guidance.

The significance of the measured concentrations of any chemicals of concern has been assessed in relation to the available SGVs together with the revised and updated values that have been adopted by the Chartered Institute of Environmental Health (CIEH)¹. Whilst the values that have been adopted by the CIEH are not statutory, they are widely accepted as providing a suitable initial screening value

¹ The LQM/CIEH Generic Assessment Criteria for Human Health Risk Assessment (2nd Edition) July 2009.

against which measured concentrations of potential contaminants can be assessed to determine the requirement for site specific quantitative risk assessment.

From a review of the enclosed results it is apparent that elevated concentrations of a wide range of potential soil contaminants have not been detected within the selected representative soil samples submitted to laboratory analyses.

Contaminated Land Discussion

The site is not considered to have a potentially contaminative history by virtue of its use as open agricultural land. The results of the contaminated land soil testing have not indicated the presence of elevated concentrations of a wide range of potential soil contaminants, such that precautions with regards to ground contamination are not considered necessary as part of this site.

Whilst the ground investigation carried out to date has not indicated the presence of elevated concentrations of a wide range of potential contaminants, it is conceivable that localised pockets of contamination could be present. In addition, where agricultural land that has been used for grazing of livestock is being redeveloped, there is a risk of unrecorded burial of animal carcasses being present.

Current guidance to Local Planning Authorities (LPAs) indicates the need for a conceptual model and risk assessment. Where development is proposed on land that may be affected by contamination, a risk assessment should be carried out for consideration by the LPA before the planning application is determined. Where unacceptable risks are identified proposals need to be made to address these risks as part of the development process.

In accordance with the above approach, a Conceptual Site Model (CSM) has been formulated to facilitate an assessment of the potential for pollution linkages that may conceivably be formed as a result of the proposed residential redevelopment at this site.

In accordance with the guidelines provided by CIRIA², the following table summarises possible pollution linkages for the site, on the basis of a residential end use.

SOURCE	RECEPTOR	PATHWAY	PROBABILITY	CONSEQUENCE
Potentially buried materials / buried animal carcasses	End users in garden areas of the completed development	Ingestion of contaminated soil or dust, through skin contact or inhalation	Low likelihood	Medium
		Vapours	Low likelihood	Medium
	Construction workers	Ingestion of contaminated soil or dust, through skin contact or inhalation	Likely	Medium
	Ground water	Percolation and leaching of surface run-off	Negligible	Mild
	Adjacent sites	Shallow perched water or drain runs	Negligible	Mild

Whilst there is a geotechnical requirement for additional ground investigation at this site, it is unlikely that any such investigation would categorically prove or disprove the potential presence of buried

² Rudland, DJ, Lancefield, RM and Mayell, PN (2001) Contaminated land risk assessment. A guide to good practice. CIRIA Pub C552

materials or animal carcasses on this site. On this basis it is considered that the most appropriate course of action at this site is to maintain a geo-environmental watching brief during the course of the topsoil strip and the subsequent ground works phase of the residential development.

Geo-environmental Watching Brief

It is considered that the ground works for the proposed redevelopment at this site should be carried out under a geo-environmental watching brief in order that should any suspicious or contaminated soils be encountered, they can be appropriately investigated by a geo-environmental engineer and appropriately dealt with in consultation with the regulatory authorities.

Site workers should be made aware of the site history and the potential for contamination to be present and a programme of working should be identified to protect workers handling any soil. The method of site working should be in accordance with guidelines set out by HSE³ and CIRIA⁴ and the requirements of the Local Authority Environmental Health Officer (EHO).

Validation and Verification

Upon completion of the ground works phase of the development a remediation validation and verification report shall be submitted to the Local Authority and shall include the following information;

- Records of any actions carried out as part of the geo-environmental watching brief (including site visit records, plans, laboratory test results and correspondence with the Local Authority), or written confirmation from the site manager for the development that no unexpected contamination was encountered as part of the ground works; and
- Laboratory test results of soil contamination testing carried out on samples of the site won topsoil that is proposed to be reused as part of the completed development of this site. Testing is to include routine soil contaminants and is to be carried out on the basis of one sample per 250m³ of topsoil that is to be reused.

We trust that this letter provides sufficient information although please do not hesitate to contact me should you have any queries or questions.

Further Work

In addition to the geo-environmental watching brief it is considered that there is a geotechnical requirement for a further phase of ground investigation. Once access is available for mechanical excavation plant a series of trial pits should be carried out to determine excavation stability and delineate the part of the site where spread foundations bearing directly within the granular soils may be economically viable, in addition to providing a generally increased level of site coverage.

We trust that this letter provides sufficient information although please do not hesitate to contact me should you have any queries or questions.

Yours sincerely
Wilson Bailey Partnership

Dominic Brightman
BSc MSc DIC FGS CGeol ARSM

³ HSE (1992) HS(G)66 Protection of workers and the general public during the development of contaminated land HMSO

⁴ CIRIA (1996) A guide for safe working on contaminated site Report 132, Construction Industry Research & Information Association

Project Name
 Land adjacent to Roundstone Lane

 Project No.
 J10161

Co-ords: -

 Hole Type
 WLS

Location: Angmering

Level: -

 Scale
 1:50

Client: BDW Southmapton Ltd

Dates: 12/01/2011

 Logged By
 DPB

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			TOPSOIL	
		0.50	D					Low to medium strength brown silty locally silty sandy CLAY	
		1.00	D						1
		1.50	D		1.40			Yellowish brown silty sandy clayey GRAVEL	
		2.00	D						2
		2.50	D						
		3.00	D						3
		3.50	D						
		4.00	D						4
					4.40			Pale brown clayey SILT	
					4.45			Medium strength pale brown sandy CLAY	
		5.00	D						5
									
		5.70	D		5.60			Pale yellowish brown silty CLAY	
					6.00				6
								End of Borehole at 6.00 m	
									7
									8
									9

Remarks: Groundwater not encountered.



Project Name
Land adjacent to Roundstone Lane

Project No.
J10161

Co-ords: -

Hole Type
WLS

Location: Angmering

Level: -

Scale
1:50

Client: BDW Southmapton Ltd

Dates: 12/01/2011

Logged By
DPB

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.30	D					TOPSOIL	
		0.50	D		0.50			Low strength pale brown becoming yellowish brown very silty CLAY	1
		1.00	SPT	N=12					
		1.00	D	(1,2,2,3,3,4)					
		1.50	D		1.60			Orange-brown clayey GRAVEL	2
		2.00	SPT	N=5					
		2.00	D	(1,1,2,1,1,1)					
		2.50	D						
		3.00	SPT	N=24					3
		3.00	D	(5,6,6,6,6,6)	3.45			End of Borehole at 3.45 m	4
									5
									6
									7
									8
									9

Remarks: Groundwater not encountered.



Hole Type	WLS
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Scale
1:50

Logged By
DPB

A vertical scale with numbers 1 through 9. Each number is positioned to the right of a horizontal tick mark. The tick marks are evenly spaced along a vertical line.



Project Name

Land adjacent to Roundstone Lane

Project No.

J10161

Co-ords: -

Hole Type

WLS

Location: Angmering

Level: -

Scale

1:50

Client: BDW Southmapton Ltd

Dates: 12/01/2011

Logged By

DPB

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.30	D		0.40			TOPSOIL	
		1.00	SPT	N=10				Medium strength brown CLAY	1
		1.00	D	(1,1,2,2,3,3)					
					1.60			Orange-brown sandy clayey GRAVEL	2
		2.00	SPT	N=4					
				(1,1,1,1,1,1)					
		2.50	D		2.40			Pale yellowish brown pale brown silty CLAY with sandy silt	
					2.80				
		3.00	SPT	N=9	3.10			Pale off white pale brown silty CLAY with abundant flint and chalk gravel	3
				(1,2,2,2,2,3)					
		3.50	D		3.60			Medium strength pale brown sandy CLAY with scattered gravel	
		4.00	SPT	N=11	4.40			Medium strength pale brown CLAY with abundant gravel	4
				(2,2,2,2,4,3)					
		5.00	SPT	N=24				Orange-brown locally silty sandy flint GRAVEL	5
				(5,5,6,7,5,6)					
		6.00	SPT	N=29	6.45				6
				(6,6,7,7,7,8)					
								End of Borehole at 6.45 m	7
									8
									9

Remarks: Groundwater not encountered.

Project Name
 Land adjacent to Roundstone Lane

 Project No.
 J10161

Co-ords: -

 Hole Type
 WLS

Location: Angmering

Level: -

 Scale
 1:50

Client: BDW Southmapton Ltd

Dates: 13/01/2011

 Logged By
 DPB

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		1.00	D		0.40			TOPSOIL	
					1.70			Medium strenght brown slightly silty CLAY	1
					4.80			Brown clayey GRAVEL with occasional chalk fragments	2
					5.00			Medium strength brown very silty CLAY	3
								End of Borehole at 5.00 m	4
									5
									6
									7
									8
									9

Remarks:

Project Name
Land adjacent to Roundstone Lane

Project No.
J10161

Co-ords: -

Hole Type
WLS

Location: Angmering

Level: -

Scale
1:50

Client: BDW Southmapton Ltd

Dates: 13/01/2011

Logged By
DPB

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		1.00	D		0.60			TOPSOIL	
								Medium strength brown sandy CLAY	1
					2.00			Medium strength brown CLAY with abundant gravel	2
					2.90			Brown clayey GRAVEL	3
					4.70			Medium strength brown very silty CLAY	4
					5.00			End of Borehole at 5.00 m	5
									6
									7
									8
									9

Remarks:

Project Name
 Land adjacent to Roundstone Lane

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Co-ords: -

 Hole Type
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Location: Angmering

Level: -

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Client: BDW Southmapton Ltd

Dates: 13/01/2011

 Logged By
 DPB

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.40			TOPSOIL	
								Medium strength brown CLAY	1
		1.80	D		1.80			Medium strength brown sandy CLAY with occasional becoming abundant flint gravel	2
					3.20			Brown sandy slightly clayey GRAVEL	3
		3.60	D						4
					6.00			End of Borehole at 6.00 m	6
									7
									8
									9

Remarks:

Project Name

Land adjacent to Roundstone Lane

Project No.

J10161

Co-ords: -

Hole Type

WLS

Location: Angmering

Level: -

Scale

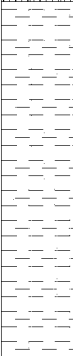
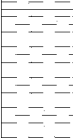
1:50

Client: BDW Southmapton Ltd

Dates: 13/01/2011

Logged By

DPB

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		1.00	D		0.40			TOPSOIL	1
								Low becoming medium strength brown sandy CLAY	2
		2.00	D		2.80				
							3.00	D	
		4.00	D		6.00				

Remarks: Borehole refused in gravel at 5.5 m.



Project Name
Land adjacent to Roundstone Lane

Project No.
J10161

Co-ords: -

Hole Type
WLS

Location: Angmering

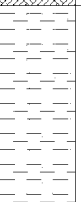
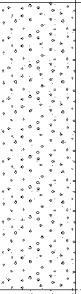
Level: -

Scale
1:50

Client: BDW Southmapton Ltd

Dates: 13/01/2011

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DPB

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.40			TOPSOIL	
		1.00	D					Medium strength brown sandy CLAY	1
		2.00	D		1.80			Low to medium strength pale brown CLAY with abundant chalk fragments	2
					2.90			Brown sandy GRAVEL	3
					4.80			End of Borehole at 4.80 m	5
									6
									7
									8
									9

Remarks: Groundwater not encountered.

Project Name
Land adjacent to Roundstone Lane

Project No.
J10161

Co-ords: -

Hole Type
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Location: Angmering

Level: -

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		Depth (m)	Type	Results					
					0.40			TOPSOIL	
		0.50	D					Medium strength brown CLAY	1
		1.00	D						
		1.30	D						
		2.00	D						2
		2.50	D						
		3.00	D						
					3.10			Medium strength locally low strength CLAY with occasional flint gravel	3
					3.50			Brown silty sandy flint GRAVEL	4
					5.00				
								End of Borehole at 5.00 m	5
									6
									7
									8
									9

Remarks:

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Location: Angmering

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1:50

Client: BDW Southmapton Ltd

Dates: 13/01/2011

Logged By
DPB

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.40			TOPSOIL	
		0.50	D					Low becoming mediun strength brown sandy CLAY	1
		1.00	D						
		1.50	D		1.70				
		2.00	D					Medium strenght brown CLAY with abundant gravel	2
		2.50	D						
		3.00	D		2.80			Brown clayey sandy flint GRAVEL	3
		3.50	D						
		4.00	D						4
		4.50	D						
					5.00			End of Borehole at 5.00 m	5
									6
									7
									8
									9

Remarks:

Project Name
Land adjacent to Roundstone Lane

Project No.
J10161

Co-ords: -

Hole Type
WLS

Location: Angmering

Level: -

Scale
1:50

Client: BDW Southmapton Ltd

Dates: 13/01/2011

Logged By
DPB

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			TOPSOIL	
		0.50	D					Pale brown medium strength CLAY	1
		1.00	D		1.20				
		1.50	D					Pale yellowish brown silty flint GRAVEL with chalk fragments	2
		2.00	D						
		2.50	D						
		3.00	D						
		3.50	D		3.20				3
		4.00	D					Brown sandy GRAVEL	4
		4.50	D						
					5.00			End of Borehole at 5.00 m	5
									6
									7
									8
									9

Remarks: Groundwater not encountered.

Project Name
Land adjacent to Roundstone Lane

Project No.
J10161

Co-ords: -

Hole Type
WLS

Location: Angmering

Level: -

Scale
1:50

Client: BDW Southmapton Ltd

Dates: 13/01/2011

Logged By
DPB

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			TOPSOIL	
		0.50	D					Low becoming medium strenght sandy CLAY	
		1.00	D		1.20				1
		1.50	D					Medium strength brown CLAY with scattered flint gravel	
		2.00	D						2
		2.50	D						
		3.00	D		2.80			Brown clayey sandy flint GRAVEL	3
		3.50	D						
		4.00	D						4
		4.50	D		4.60			Pale brown CLAY with abundant chalk fragments	5
		5.00	D						6
					6.50				
								End of Borehole at 6.50 m	7
									8
									9

Remarks:

Project Name
Land adjacent to Roundstone Lane

Project No.
J10161

Co-ords: -

Hole Type
WLS

Location: Angmering

Level: -

Scale
1:50

Client: BDW Southmapton Ltd

Dates: 13/01/2011

Logged By
DPB

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.40			TOPSOIL	
		0.50	D					Low becoming medium strength brown sandy CLAY	1
		1.00	D						
		1.30							
		1.50	D					Medium strenght brown CLAY with scattered flint gravel	2
		2.00	D						
		2.50	D						
		3.00	D						
		3.10							
		3.50	D					Brown sandy locally clayey flint gravel	3
		4.00	D						4
		4.50	D						
		5.00							
								End of Borehole at 5.00 m	5
									6
									7
									8
									9

Remarks: Groundwater not encountered.



Project Name: Angmering			Samples Received: 10/01/2011		<div>K4 SOILS </div>
			Project Started: 18/01/2011		
Client: Wilson Bailey Geotechnical & Environmental			Testing Started: 26/01/2011		
Project No: -		Our job/report no: 10439		Date Reported: 28/01/2011	

Borehole No:	Sample No:	Depth (m)	Description	Moisture content (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 0.425 mm (%)	Remarks
BH1	-	1.00	Brown slightly sandy CLAY	16	39	21	18	97	
BH1	-	1.50	Brown slightly sandy, slightly silty, slightly gravelly CLAY with roots (gravel is fine and sub angular)	16					
BH1	-	2.00	Brown slightly sandy, slightly silty, slightly gravelly CLAY with roots (gravel is fine and sub angular)	18					
BH2	-	1.00	Brown slightly sandy slightly gravelly CLAY (gravel is fine and sub angular)	23					
BH2	-	1.50	Brown slightly sandy slightly gravelly CLAY (gravel is fine and sub angular)	23					
BH3	-	1.00	Brown slightly sandy, slightly gravelly CLAY with rootlets (gravel is fine and sub angular)	24					
BH3	-	1.50	Dark yellowish brown slightly sandy slightly gravelly CLAY (gravel is fine and sub angular)	24					
BH4	-	1.00	Brown slightly sandy slightly gravelly CLAY (gravel is fine and sub angular to sub rounded)	23	37	19	18	97	
BH4	-	1.50	Brown slightly sandy very gravelly CLAY (gravel is fm and angular to sub angular)	22					
BH5	-	1.00	Brown slightly sandy, slightly gravelly CLAY (gravel is fine and sub angular)	24					
BH6	-	1.00	Brown slightly sandy slightly gravelly CLAY (gravel is fm and angular to sub angular)	22	37	19	18	80	
BH8	-	1.00	Brown slightly sandy, slightly gravelly CLAY (gravel is fine and sub angular)	23					
BH11	-	1.00	Brown slightly sandy, slightly gravelly CLAY (gravel is fine and sub angular)	24					
BH12	-	1.00	Brown slightly sandy, slightly gravelly CLAY (gravel is fine and sub angular)	24					
BH13	-	1.00	Brown slightly sandy, slightly gravelly CLAY (gravel is fine and sub angular)	23					
BH16	-	1.00	Brown slightly sandy slightly gravelly CLAY (gravel is fine and sub angular)	24	41	20	21	92	
BH20	-	1.00	Brown slightly sandy slightly gravelly CLAY with traces of roots (gravel is fine and sub angular)	23	41	19	22	98	
BH22	-	1.00	Brown slightly sandy slightly gravelly CLAY with traces of rootlets (gravel is fine and sub angular)	24	40	20	20	97	

 UKAS TESTING 2519	<h2>Summary of Test Results</h2>		Checked and Approved Initials: K.P Date: 28/01/201
	BS 1377 : Part 2 : Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method.		
	BS 1377 : Part 2 : Clause 5 : 1990 Determination of the plastic limit and plasticity index.		
	BS 1377 : Part 2 : Clause 3.2 : 1990 Determination of the moisture content by the oven-drying method.		

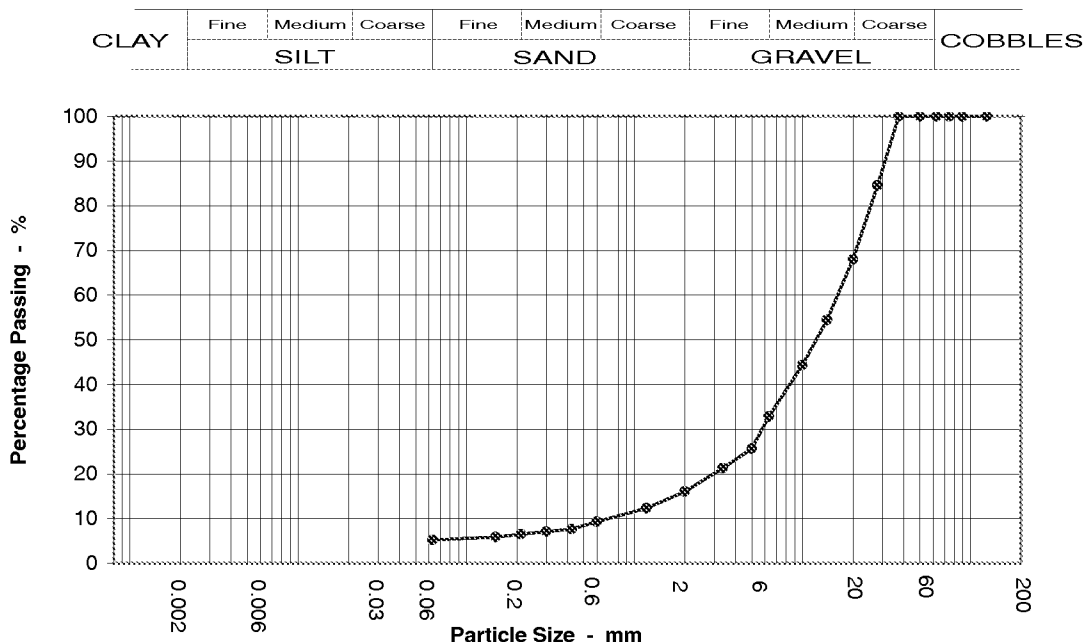
Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Test Results relate only to the sample numbers shown above. Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

All samples connected with this report, incl any on 'hold' will be stored and disposed off according to Company policy. A copy of this policy is available on request.

MSF-11/R2

K4 SOILS 	PARTICLE SIZE DISTRIBUTION BS 1377 : Part 2 : 1990 : Clause 9	Job/report no:	10439
		Project No	-
Location	Angmering	Borehole / Pit No	BH3
		Depth	1.80 m
Visual Soil Description	Brown slightly clayey slightly sandy GRAVEL (gravel is fmc and angular)	Sample Type/No	-



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	85		
20	68		
14	54		
10	44		
6.3	33		
5	26		
3.35	21		
2	16		
1.18	12		
0.6	9		
0.425	8		
0.3	7		
0.212	7		
0.15	6		
0.063	5		

Test Method	
BS 1377 : Part 2 : 1990	
Sieving	Clause
Sedimentation	N/A

Sample Proportions	
Cobbles	0.0
Gravel	83.9
Sand	10.9
Silt & Clay	5.2

Grading Analysis	
D100	125.0
D60	16.5
D10	0.7
Uniformity Coefficient	22

K4 SOILS LABORATORY

Unit 8 Olds Close Olds Approach
Watford Herts WD18 9RU.
E-mail: k4soils@aol.com

Approved Signatories:

K.Phaure(Tech.Mgr)

J.Phaure(Lab.Mgr)

Test results relate only to the sample numbers shown above

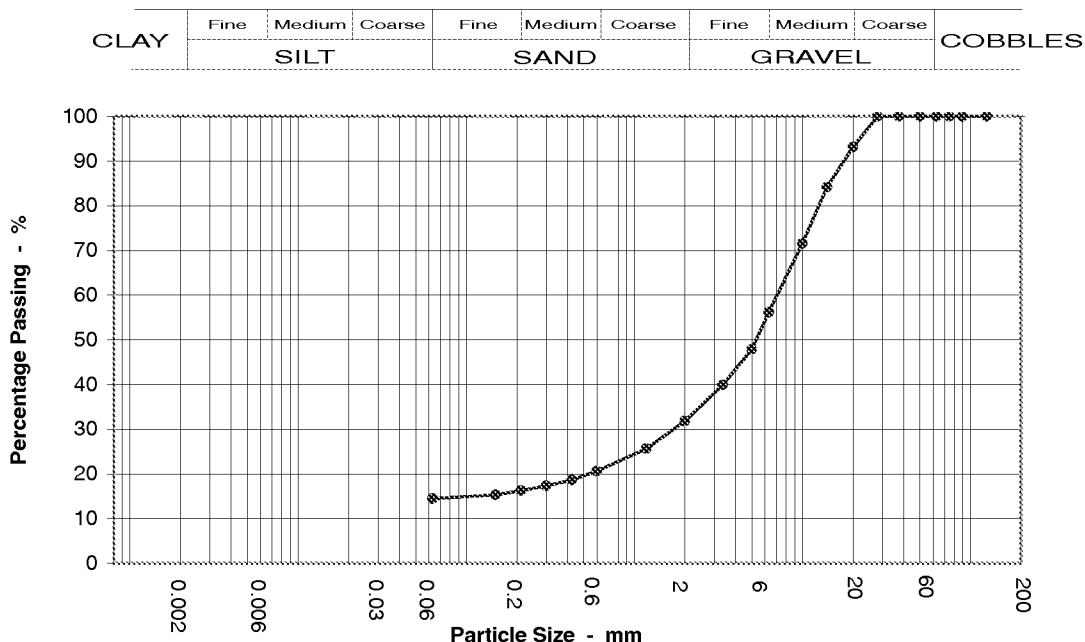
Checked and Approved

Initials: kp

Date: 28/01/2011



K4 SOILS 	PARTICLE SIZE DISTRIBUTION BS 1377 : Part 2 : 1990 : Clause 9	Job/report no:	10439
		Project No	-
Location	Angmering	Borehole / Pit No	BH4
		Depth	2.50 m
Visual Soil Description	Brown slightly clayey slightly sandy GRAVEL (gravel is fmc and angular)	Sample Type/No	-



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	93		
14	84		
10	72		
6.3	56		
5	48		
3.35	40		
2	32		
1.18	26		
0.6	21		
0.425	19		
0.3	17		
0.212	16		
0.15	15		
0.063	14		

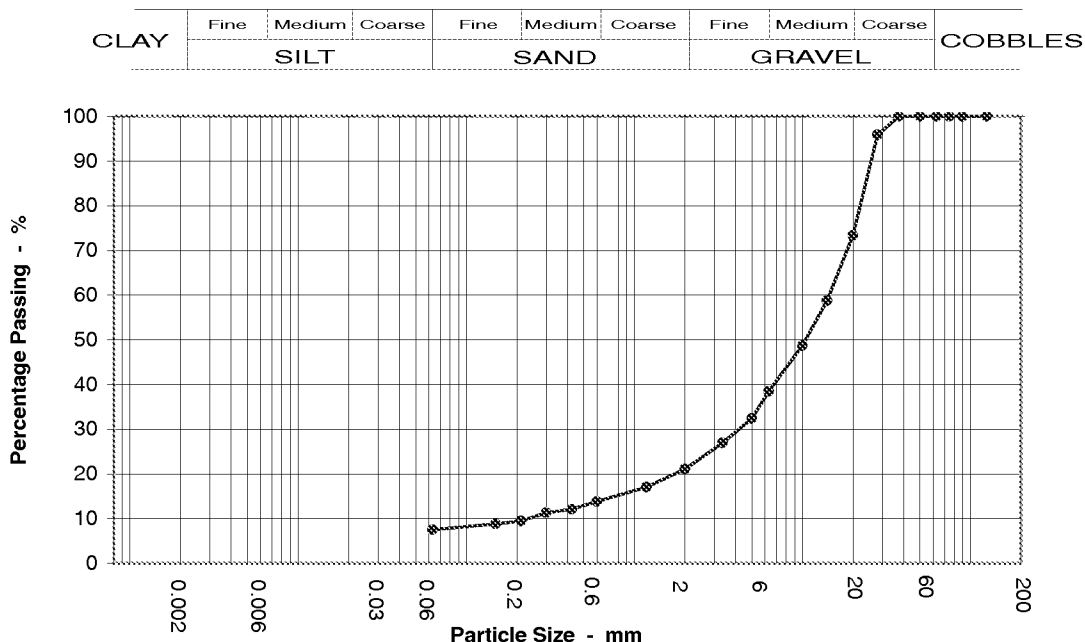
Test Method	
BS 1377 : Part 2 : 1990	
Sieving	Clause
Sedimentation	N/A

Sample Proportions	
Cobbles	0.0
Gravel	68.2
Sand	17.3
Silt & Clay	14.5

Grading Analysis	
D100	125.0
D60	7.2
D10	
Uniformity Coefficient	N/A

K4 SOILS LABORATORY	Approved Signatories:	Checked and Approved	
Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU. E-mail: k4soils@aol.com	K.Phaure(Tech.Mgr) J.Phaure(Lab.Mgr)	Initials: kp	
	Test results relate only to the sample numbers shown above	Date: 28/01/2011	
All samples connected with this report, incl any on 'hold' will be disposed off according to company policy. A copy of this policy is available on request. Sheet 3/3 MSF-11/R9			
			2519

K4 SOILS 	PARTICLE SIZE DISTRIBUTION BS 1377 : Part 2 : 1990 : Clause 9	Job/report no:	10439
		Project No	-
Location	Angmering	Borehole / Pit No	BH5
		Depth	3.00 - 4.00 m
Visual Soil Description	Brown slightly clayey slightly sandy GRAVEL (gravel is fmc and angular)	Sample Type/No	-



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	96		
20	73		
14	59		
10	49		
6.3	39		
5	32		
3.35	27		
2	21		
1.18	17		
0.6	14		
0.425	12		
0.3	11		
0.212	9		
0.15	9		
0.063	8		

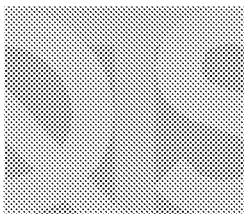
Test Method	
BS 1377 : Part 2 : 1990	
Sieving	Clause
Sedimentation	N/A

Sample Proportions	
Cobbles	0.0
Gravel	78.9
Sand	13.6
Silt & Clay	7.5

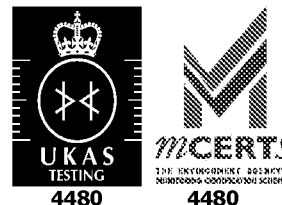
Grading Analysis	
D100	125.0
D60	14.5
D10	0.2
Uniformity Coefficient	61

K4 SOILS LABORATORY	Approved Signatories:	Checked and Approved	
Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU. E-mail: k4soils@aol.com	K.Phaure(Tech.Mgr) J.Phaure(Lab.Mgr)	Initials: kp	
	Test results relate only to the sample numbers shown above	Date: 28/01/2011	
All samples connected with this report, incl any on 'hold' will be disposed off according to company policy. A copy of this policy is available on request. Sheet 3/3 MSF-11/R9			2519

Project Name: Angmering					K4 SOILS 
Client: Environmental		Project no: -			
Our job no: 10439					
Borehole No:	Sample No:	Depth m	Description	pH	Sulphate content (g/l)
BH1	-	1.00	Brown slightly sandy CLAY	7.3	0.10
BH6	-	1.00	Brown slightly sandy slightly gravelly CLAY (gravel is fm and angular to sub angular)	7.3	0.07
BH20	-	1.00	Brown slightly sandy slightly gravelly CLAY with traces of roots (gravel is fine and sub angular)	7.4	0.08
Summary of Test Results					
Date 28/01/2011	BS 1377 : Part 3 : Clause 5 : 1990 Determination of sulphate content of soil and ground water : gravimetric method				Checked and Approved Initials : kp



Dominic Brightman
Wilson Bailey Ltd
Forge Farm Yard
Compton Chamberlayne
Wiltshire SP3 5DS



QTS Environmental Ltd
Unit 1
Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Kent
ME17 2JN



QTS Environmental Report No: 4817

Site Reference: Angmering

Project / Job Ref: None Supplied

Order No: None Supplied

Sample Receipt Date: 18/01/11

Sample Scheduled Date: 18/01/11

Report Issue Number: 1

Reporting Date: 24/01/2011

Authorised by:

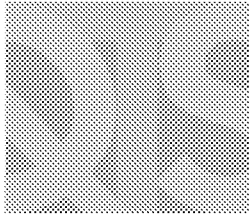
Russell Jarvis
Director

On behalf of QTS Environmental Ltd

Authorised by:

Kevin Old
Director

On behalf of QTS Environmental Ltd



QTS Environmental Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 851105



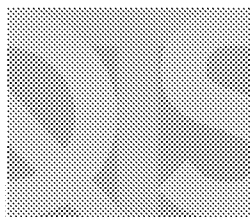
Soil Analysis Certificate						
QTS Environmental Report No: 4817	Date Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Wilson Bailey Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Angmering	TP / BH No	BH1	BH3	BH4	BH5	BH8
Project / Job Ref: None Supplied	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	0.15	0.30	0.20	0.30	0.30
Reporting Date: 24/01/2011	QTSE Sample No	20419	20420	20421	20422	20423

Determinand	Unit	MDL	Accreditation					
Stone Content	%	<0.1	NONE	<0.1	<0.1	<0.1	58	<0.1

General Inorganics	Unit	MDL	Accreditation					
pH	pH Units	+ / - 0.1	MCERTS	6.8	6.1	6.1	6.8	6.1
Total Organic Carbon (TOC)	%	<0.1	NONE	2.3	1.3	2.7	1.8	2.5
Total Phenols (monohydric)	mg/kg	<2	NONE	<2	<2	<2	<2	<2

Metals	Unit	MDL	Accreditation					
Arsenic (As)	mg/kg	<2	MCERTS	7	5	5	2	6
W/S Boron	mg/kg	<1	NONE	<1	<1	<1	<1	<1
Cadmium (Cd)	mg/kg	<0.5	MCERTS	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (hexavalent)	mg/kg	<2	NONE	<2	<2	<2	<2	<2
Chromium (Cr)	mg/kg	<2	MCERTS	18	21	18	7	18
Copper (Cu)	mg/kg	<4	MCERTS	20	11	14	10	10
Lead (Pb)	mg/kg	<3	MCERTS	52	17	35	16	20
Mercury (Hg)	mg/kg	<1	NONE	<1	<1	<1	<1	<1
Nickel (Ni)	mg/kg	<3	MCERTS	14	15	14	5	13
Selenium (Se)	mg/kg	<3	NONE	<3	<3	<3	<3	<3
Zinc (Zn)	mg/kg	<3	MCERTS	54	43	64	26	43

Analytical results are expressed on a dry weight basis where samples are dried at less than 30 °C
 Analysis carried out on the dried sample is corrected for the stone content



QTS Environmental Ltd
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Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN



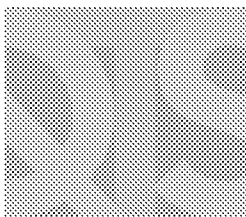
Soil Analysis Certificate						
QTS Environmental Report No: 4817	Date Sampled	None Supplied	None Supplied	None Supplied		
Wilson Bailey Ltd	Time Sampled	None Supplied	None Supplied	None Supplied		
Site Reference: Angmering	TP / BH No	BH11	BH15	BH21		
Project / Job Ref: None Supplied	Additional Refs	None Supplied	None Supplied	None Supplied		
Order No: None Supplied	Depth (m)	0.30	0.40	0.30		
Reporting Date: 24/01/2011	QTSE Sample No	20424	20425	20426		

Determinand	Unit	MDL	Accreditation				
Stone Content	%	<0.1	NONE	<0.1	<0.1	<0.1	

General Inorganics	Unit	MDL	Accreditation				
pH	pH Units	+ / - 0.1	MCERTS	5.9	6.3	6.5	
Total Organic Carbon (TOC)	%	<0.1	NONE	1.8	0.8	1.3	
Total Phenols (monohydric)	mg/kg	<2	NONE	<2	<2	<2	

Metals	Unit	MDL	Accreditation				
Arsenic (As)	mg/kg	<2	MCERTS	5	7	5	
W/S Boron	mg/kg	<1	NONE	<1	<1	<1	
Cadmium (Cd)	mg/kg	<0.5	MCERTS	<0.5	<0.5	<0.5	
Chromium (hexavalent)	mg/kg	<2	NONE	<2	<2	<2	
Chromium (Cr)	mg/kg	<2	MCERTS	18	25	22	
Copper (Cu)	mg/kg	<4	MCERTS	13	14	10	
Lead (Pb)	mg/kg	<3	MCERTS	19	13	14	
Mercury (Hg)	mg/kg	<1	NONE	<1	<1	<1	
Nickel (Ni)	mg/kg	<3	MCERTS	14	20	15	
Selenium (Se)	mg/kg	<3	NONE	<3	<3	<3	
Zinc (Zn)	mg/kg	<3	MCERTS	43	45	43	

Analytical results are expressed on a dry weight basis where samples are dried at less than 30 °C
 Analysis carried out on the dried sample is corrected for the stone content



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4480



4480

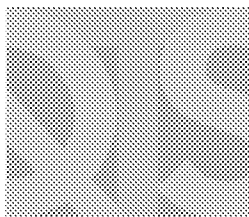
Soil Analysis Certificate - Speciated PAHs

QTS Environmental Report No: 4817	Date Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Wilson Bailey Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Angmering	TP / BH No	BH1	BH3	BH4	BH5	BH8
Project / Job Ref: None Supplied	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	0.15	0.30	0.20	0.30	0.30
Reporting Date: 24/01/2011	QTSE Sample No	20419	20420	20421	20422	20423

Determinand	Unit	MDL	Accreditation					
Naphthalene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	0.22	<0.1
Pyrene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	0.21	<0.1
Benzo(a)anthracene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	0.14	<0.1
Benzo(b)fluoranthene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k)fluoranthene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	0.14	<0.1
Benzo(a)pyrene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(ghi)perylene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1	<0.1	<0.1

Total EPA-16 PAHs	mg/kg	<1.6	MCERTS	<1.6	<1.6	<1.6	<1.6	<1.6
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Analytical results are expressed on a dry weight basis where samples are dried at less than 30°C



QTS Environmental Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN

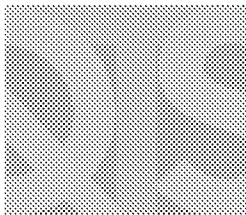


Soil Analysis Certificate - Speciated PAHs

QTS Environmental Report No: 4817	Date Sampled	None Supplied	None Supplied	None Supplied	
Wilson Bailey Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	
Site Reference: Angmering	TP / BH No	BH11	BH15	BH21	
Project / Job Ref: None Supplied	Additional Refs	None Supplied	None Supplied	None Supplied	
Order No: None Supplied	Depth (m)	0.30	0.40	0.30	
Reporting Date: 24/01/2011	QTSE Sample No	20424	20425	20426	

Determinand	Unit	MDL	Accreditation					
Naphthalene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Acenaphthylene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Acenaphthene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Fluorene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Phenanthrene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Anthracene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Fluoranthene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Pyrene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Benzo(a)anthracene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Chrysene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Benzo(b)fluoranthene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Benzo(k)fluoranthene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Benzo(a)pyrene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Indeno(1,2,3-cd)pyrene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Dibenz(a,h)anthracene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Benzo(ghi)perylene	mg/kg	<0.1	MCERTS	<0.1	<0.1	<0.1		
Total EPA-16 PAHs	mg/kg	<1.6	MCERTS	<1.6	<1.6	<1.6		

Analytical results are expressed on a dry weight basis where samples are dried at less than 30°C



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4480



4480

Soil Analysis Certificate - TPH CWG Banded

QTS Environmental Report No: 4817	Date Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Wilson Bailey Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Angmering	TP / BH No	BH1	BH3	BH4	BH5	BH8
Project / Job Ref: None Supplied	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	0.15	0.30	0.20	0.30	0.30
Reporting Date: 24/01/2011	QTSE Sample No	20419	20420	20421	20422	20423

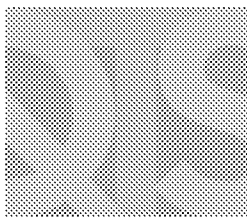
Determinand	Unit	MDL	Accreditation					
Aliphatic >C5 - C6	mg/kg	<0.01	NONE	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatic >C6 - C8	mg/kg	<0.05	NONE	<0.05	<0.05	<0.05	<0.05	<0.05
Aliphatic >C8 - C10	mg/kg	<1	NONE	<1	<1	<1	<1	<1
Aliphatic >C10 - C12	mg/kg	<1	NONE	<1	<1	<1	<1	<1
Aliphatic >C12 - C16	mg/kg	<1	NONE	<1	<1	<1	<1	<1
Aliphatic >C16 - C21	mg/kg	<1	NONE	<1	<1	<1	<1	<1
Aliphatic >C21 - C34	mg/kg	<6	NONE	<6	<6	<6	<6	<6

Aliphatic (C5 - C34)	mg/kg	<6	NONE	<6	<6	<6	<6	<6
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Aromatic >C5 - C7	mg/kg	<0.01	NONE	<0.01	<0.01	<0.01	<0.01	<0.01
Aromatic >C7 - C8	mg/kg	<0.05	NONE	<0.05	<0.05	<0.05	<0.05	<0.05
Aromatic >C8 - C10	mg/kg	<1	NONE	<1	<1	<1	<1	<1
Aromatic >C10 - C12	mg/kg	<1	NONE	<1	<1	<1	<1	<1
Aromatic >C12 - C16	mg/kg	<1	NONE	<1	<1	<1	<1	<1
Aromatic >C16 - C21	mg/kg	<1	NONE	<1	<1	<1	<1	<1
Aromatic >C21 - C35	mg/kg	<6	NONE	<6	<6	<6	<6	<6

Aromatic (C5 - C35)	mg/kg	<6	NONE	<6	<6	<6	<6	<6
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Analytical results are expressed on a dry weight basis where samples are dried at less than 30°C



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Soil Analysis Certificate - TPH CWG Banded

QTS Environmental Report No: 4817	Date Sampled	None Supplied	None Supplied	None Supplied		
Wilson Bailey Ltd	Time Sampled	None Supplied	None Supplied	None Supplied		
Site Reference: Angmering	TP / BH No	BH11	BH15	BH21		
Project / Job Ref: None Supplied	Additional Refs	None Supplied	None Supplied	None Supplied		
Order No: None Supplied	Depth (m)	0.30	0.40	0.30		
Reporting Date: 24/01/2011	QTSE Sample No	20424	20425	20426		

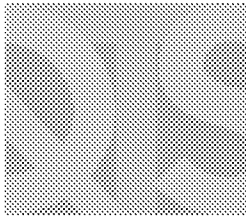
Determinand	Unit	MDL	Accreditation				
Aliphatic >C5 - C6	mg/kg	<0.01	NONE	<0.01	<0.01	<0.01	
Aliphatic >C6 - C8	mg/kg	<0.05	NONE	<0.05	<0.05	<0.05	
Aliphatic >C8 - C10	mg/kg	<1	NONE	<1	<1	<1	
Aliphatic >C10 - C12	mg/kg	<1	NONE	<1	<1	<1	
Aliphatic >C12 - C16	mg/kg	<1	NONE	<1	<1	<1	
Aliphatic >C16 - C21	mg/kg	<1	NONE	<1	<1	<1	
Aliphatic >C21 - C34	mg/kg	<6	NONE	<6	<6	<6	

Aliphatic (C5 - C34)	mg/kg	<6	NONE	<6	<6	<6	
----------------------	-------	----	------	----	----	----	--

Aromatic >C5 - C7	mg/kg	<0.01	NONE	<0.01	<0.01	<0.01	
Aromatic >C7 - C8	mg/kg	<0.05	NONE	<0.05	<0.05	<0.05	
Aromatic >C8 - C10	mg/kg	<1	NONE	<1	<1	<1	
Aromatic >C10 - C12	mg/kg	<1	NONE	<1	<1	<1	
Aromatic >C12 - C16	mg/kg	<1	NONE	<1	<1	<1	
Aromatic >C16 - C21	mg/kg	<1	NONE	<1	<1	<1	
Aromatic >C21 - C35	mg/kg	<6	NONE	<6	<6	<6	

Aromatic (C5 - C35)	mg/kg	<6	NONE	<6	<6	<6	
---------------------	-------	----	------	----	----	----	--

Analytical results are expressed on a dry weight basis where samples are dried at less than 30°C



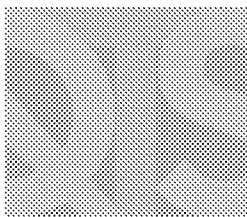
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Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN



Soil Analysis Certificate - BTEX						
QTS Environmental Report No: 4817	Date Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Wilson Bailey Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Angmering	TP / BH No	BH1	BH3	BH4	BH5	BH8
Project / Job Ref: None Supplied	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	0.15	0.30	0.20	0.30	0.30
Reporting Date: 24/01/2011	QTSE Sample No	20419	20420	20421	20422	20423

Determinand	Unit	MDL	Accreditation					
Benzene	µg/kg	<2	MCERTS	<2	<2	<2	<2	<2
Toluene	µg/kg	<5	MCERTS	<5	<5	<5	<5	<5
Ethylbenzene	µg/kg	<10	MCERTS	<10	<10	<10	<10	<10
p & m-xylene	µg/kg	<10	MCERTS	<10	<10	<10	<10	<10
o-xylene	µg/kg	<10	MCERTS	<10	<10	<10	<10	<10

Analytical results are expressed on a dry weight basis where samples are dried at less than 30°C



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Soil Analysis Certificate - BTEX						
QTS Environmental Report No: 4817	Date Sampled	None Supplied	None Supplied	None Supplied		
Wilson Bailey Ltd	Time Sampled	None Supplied	None Supplied	None Supplied		
Site Reference: Angmering	TP / BH No	BH11	BH15	BH21		
Project / Job Ref: None Supplied	Additional Refs	None Supplied	None Supplied	None Supplied		
Order No: None Supplied	Depth (m)	0.30	0.40	0.30		
Reporting Date: 24/01/2011	QTSE Sample No	20424	20425	20426		

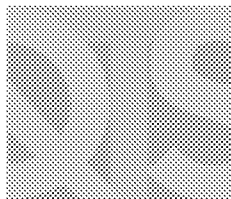
Determinand	Unit	MDL	Accreditation					
Benzene	µg/kg	<2	MCERTS	<2	<2	<2		
Toluene	µg/kg	<5	MCERTS	<5	<5	<5		
Ethylbenzene	µg/kg	<10	MCERTS	<10	<10	<10		
p & m-xylene	µg/kg	<10	MCERTS	<10	<10	<10		
o-xylene	µg/kg	<10	MCERTS	<10	<10	<10		

Analytical results are expressed on a dry weight basis where samples are dried at less than 30°C



QTS Environmental Report No: 4817	
Wilson Bailey Ltd	
Site Reference: Angmering	
Project / Job Ref: None Supplied	
Order No: None Supplied	
Reporting Date: 24/01/2011	

[illegible]



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Soil Analysis Certificate - Methodology & Miscellaneous Information

QTS Environmental Report No: 4817

Wilson Bailey Ltd

Site Reference: Angmering

Project / Job Ref: None Supplied

Order No: None Supplied

Reporting Date: 24/01/2011

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	E016
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	AR	Asbestos Screening	Visual screening of samples for fibrous material	E024
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water followed by titration using silver nitrate	E021
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by turbidimeter	E020
Soil	D	Fluoride - Water Soluble	Test Kit	E023
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E011
Soil	D	Loss on Ignition @ 450°C	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	D	Phosphorus	Determination of phosphorus by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Sulphate (as SO ₄) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	D	Sulphate (as SO ₄) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	AR	Sulphide	Determination of sulphide by acidification and heating to liberate hydrogen sulphide, trapped in an alkaline solution then assayed by ion selective electrode	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia, potassium iodide/iodate followed by ICP-OES	E002
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E011
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E009
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E009
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E010
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E009
Soil	AR	EPH (C10 - C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	VPH (C6 - C10)	Determination of hydrocarbons C6-C10 by headspace GC-MS	E001
Soil	AR	EPH TEXAS	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	TPH CWG	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	TPH LQM	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	EPH (with florilil cleanup)	Determination of acetone/hexane extractable hydrocarbons with florilil cleanup step by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001

Key

D Dried
AR As Received

Envirocheck® Report:

Datasheet

Order Details:

Order Number:

33604427_1_1

Customer Reference:

J10161

National Grid Reference:

507590, 104050

Slice:

A

Site Area (Ha):

9.67

Search Buffer (m):

1000

Site Details:

Land to the east of

Roundstone Lane

Angmering, Angmering-on-Sea

LITTLEHAMPTON

West Sussex

BN16 4AT

Client Details:

Mr D Brightman

Wilson Bailey Partnership Ltd

Hollyhead House

Forge Farmyard

Compton Chamberlayne

Salisbury

Wiltshire

SP3 5DS

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	13
Hazardous Substances	14
Geological	15
Industrial Land Use	17
Sensitive Land Use	23
Data Currency	24
Data Suppliers	28
Useful Contacts	29

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 and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

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

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Report Version v47.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		6	3	13
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 6			1	4
Local Authority Pollution Prevention and Control Enforcements	pg 7			1	2
Nearest Surface Water Feature	pg 7		Yes		
Pollution Incidents to Controlled Waters	pg 7			2	2
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality	pg 8			1	
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 8			4	4 (*7)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 12	Yes	n/a	n/a	n/a
Source Protection Zones	pg 12				1
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
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)					
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 14				1
Planning Hazardous Substance Consents	pg 14			1	
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites					
BGS 1:625,000 Solid Geology	pg 15	Yes	n/a	n/a	n/a
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 15	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 15	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 15	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 16	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 16	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 16	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 17		1	13	45
Fuel Station Entries	pg 22				2

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
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 23	1			
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 23		1	1	
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Worthing Rugby Football Club, Property Type: Recreational & Cultural Location: Club Headquarters, Worthing Rugby Football Club, Roundstone Lane, Angmering Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N02979 Permit Version: 1 Effective Date: 8th May 1979 Issued Date: 8th May 1979 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Into Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13SE (S)	108	1	507610 103770
2	Discharge Consents Operator: Mr & Mrs P Holland Property Type: Domestic Property (Single) Location: Ecclesden Manor, Angmering, Littlehampton, West Sussex, Bn16 4aw Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P05439 Permit Version: 1 Effective Date: 14th July 1994 Issued Date: 14th July 1994 Revocation Date: 28th February 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A18SE (N)	177	1	507750 104450
2	Discharge Consents Operator: John Lower Property Type: Domestic Property (Multiple) Location: Manor Farmhouse, Manor Barn &, Manor Cottage, High Street Angmering, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: P07625 Permit Version: 1 Effective Date: 16th June 1999 Issued Date: 16th June 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	188	1	507770 104450
2	Discharge Consents Operator: John Lower Property Type: Domestic Property (Single) Location: The Barn, Ecclesden Manor, High Street Angmering, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02819 Permit Version: 1 Effective Date: 8th March 1990 Issued Date: 8th March 1990 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	A18SE (NE)	192	1	507790 104440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Mr Lewis Property Type: Sea Transport Location: Ecclesden Paddocks, Off High Street, Angmering, Littlehampton, West Sussex, BN16 4aw Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: P02464 Permit Version: 1 Effective Date: 28th February 2005 Issued Date: 28th February 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: 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 (NE)	222	1	507870 104380
3	Discharge Consents Operator: Brian Michael Hills Property Type: Sea Transport Location: Ecclesden Paddocks, Off High Street, Angmering West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02464 Permit Version: 1 Effective Date: 23rd August 1989 Issued Date: 23rd August 1989 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Into Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	222	1	507870 104380
4	Discharge Consents Operator: Brian John Wesson Property Type: Undefined Or Other Location: Lower Avenals Farm, Water Lane, Angmering, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02921 Permit Version: 1 Effective Date: 25th April 1990 Issued Date: 25th April 1990 Revocation Date: Not Supplied Discharge Type: Non Water Company (Private) Sewage Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A18SW (N)	359	1	507380 104590
5	Discharge Consents Operator: Mrs P. Birdsall Property Type: Horticulture Est. Nursery Gardens 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	A7NE (SW)	383	1	507150 103600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: Humber Vhb Limited Property Type: Horticulture Est. Nursery Gardens 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: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Into Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A8NW (S)	437	1	507470 103440
7	Discharge Consents Operator: T & H Motor Services Property Type: Domestic Property (Single) 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: Receiving Water: Into Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A8SW (S)	533	1	507330 103350
8	Discharge Consents Operator: Roundstone Nursery Wholesale Property Type: Horticulture Est. Nursery Gardens 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: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Into Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A8SW (S)	597	1	507510 103280
9	Discharge Consents Operator: Roundstone Garden Centre Ltd. Property Type: Garden Centres 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: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater Stream Or River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A8SE (S)	628	1	507630 103250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: Michael And Nicholas Milnes Property Type: Horticulture Est. Nursery Gardens 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: Freshwater Stream/River Environment: 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	A9SW (SE)	631	1	507937 103270
11	Discharge Consents Operator: Mr Anthony Perella Property Type: Domestic Property (Single) Location: New Build, Acre Nursery, Angmering New Build, The Acre Nursery, Dapper Lane, Angmering, West Sussex, Bn16 4en Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: P12474 Permit Version: 1 Effective Date: 5th October 2005 Issued Date: 5th October 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18NW (N)	633	1	507346 104882
12	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: Sewerage Network - Sewers - Water Company Location: Outlet At Angmering Green, Angmering, Nr Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01200 Permit Version: 1 Effective Date: 30th August 1957 Issued Date: 30th August 1957 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	A12NW (W)	678	1	506780 104320
12	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: Sewerage Network - Sewers - 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	A12NW (W)	685	1	506770 104310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Discharge Consents Operator: Linkstone Construction Ltd. Property Type: Domestic Property (Single) Location: Southdowns & Perryhill, Greenacres Ring, Angmering, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P03266 Permit Version: 1 Effective Date: 15th November 1990 Issued Date: 15th November 1990 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	A17SE (NW)	731	1	506930 104660
14	Discharge Consents Operator: Mr Alan And Mrs Rudkin Blair Property Type: Domestic Property (Single) Location: Greenways, Dappers Lane, Angmering, West Sussex, Bn16 4en Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: Npswqd008029 Permit Version: 1 Effective Date: 3rd June 2009 Issued Date: 3rd June 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Black Ditch Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18NW (N)	840	1	507266 105072
15	Discharge Consents Operator: Mr M A R Wiggins Property Type: Undefined Or Other Location: Country Fayre, Littlehampton Road, Ferring, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01479 Permit Version: 1 Effective Date: 18th March 1988 Issued Date: 18th March 1988 Revocation Date: Not Supplied Discharge Type: Non Water Company (Private) Sewage Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A9SE (SE)	843	1	508300 103220
16	Discharge Consents Operator: Mr N Christian Property Type: Domestic Property (Single) Location: Lower Ecclesden Farm, Water Lane, Angmering, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P05887 Permit Version: 1 Effective Date: 27th July 1995 Issued Date: 27th July 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A19NE (NE)	851	1	508350 104800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Discharge Consents Operator: G C Lisher Property Type: Mixed Farming Location: Cobbins Nursery, Hangleton Lane, Ferring, Worthing West Sussex, Bn12 6pp Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: App/So/6su Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 1st April 1999 Revocation Date: 7th September 2005 Discharge Type: Trade Discharge - Process Water Discharge: Into Land Environment: Receiving Water: Into Land Status: Revoked Groundwater Regulations Authorisation Positional Accuracy: Located by supplier to within 10m	A10NW (E)	905	1	508650 103650
18	Discharge Consents Operator: Mr & Mrs Adams Property Type: Domestic Property (Single) Location: Woodlands, Dappers Lane, Angmering Woodlands, Dappers Lane, Angmering, West Sussex, Bn16 4en Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: P12063 Permit Version: 1 Effective Date: 29th April 2004 Issued Date: 29th April 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land/Into Watercourse Environment: Receiving Water: - Unnamed Trib. Black Ditch 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	A23SW (N)	958	1	507270 105200
19	Local Authority Pollution Prevention and Controls Name: Town & Country Paving Ltd Location: Unit 10 Shrubland Nurseries, Roundstone Lane, Angmer Authority: Arun District Council, Environmental Health Department Permit Reference: EPA/1/97 Dated: 11th June 1997 Process Type: Local Authority Air Pollution Control Description: PG3/1 Blending, packing, loading and use of bulk cement Status: Authorised Positional Accuracy: Manually positioned within the geographical locality	A8NW (SW)	446	2	507311 103443
20	Local Authority Pollution Prevention and Controls Name: Chandlers Garage Worthing Ltd Location: B M W House, Water Lane, Angmering, LITTLEHAMPTON, West Sussex, BN16 4EH Authority: Arun District Council, Environmental Health Department Permit Reference: EPA/2/95 Dated: 13th December 1995 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation has varied Positional Accuracy: Automatically positioned to the address	A17SE (NW)	598	2	506925 104447
20	Local Authority Pollution Prevention and Controls Name: Chandlers Garage Worthing Ltd Location: B M W House, Water Lane, Angmering, LITTLEHAMPTON, West Sussex, BN16 4EH Authority: Arun District Council, Environmental Health Department Permit Reference: Wob/2/91 Dated: 4th November 1991 Process Type: Local Authority Air Pollution Control Description: PG1/1 Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A17SE (NW)	598	2	506925 104447

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Local Authority Pollution Prevention and Controls Name: Arundel Road Garage Location: Arundel Road Garage, Arundel Road, Angmering, LITTLEHAMPTON, West Sussex, BN16 4JZ Authority: Arun District Council, Environmental Health Department Permit Reference: Wob/4/04 Dated: 15th February 1992 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation certificate surrendered by operatorSurrendered Positional Accuracy: Automatically positioned to the address	A17SW (NW)	816	2	506757 104590
22	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: DC/1/08 Dated: 27th February 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A3NW (S)	861	2	507405 103016
23	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	A8NW (SW)	438	2	507334 103446
24	Local Authority Pollution Prevention and Control Enforcements Location: B M W House, Water Lane, Angmering, Littlehampton, West Sussex, Bn16 4eh Type: Air Pollution Control Enforcement Notice Reference: EPA/2/95 Date Issued: 21st May 2001 Enforcement Date: Not Supplied Details: Not Supplied Positional Accuracy: Automatically positioned to the address	A17SE (NW)	598	2	506925 104447
24	Local Authority Pollution Prevention and Control Enforcements Location: B M W House, Water Lane, Angmering, Littlehampton, West Sussex, Bn16 4eh Type: Air Pollution Control Enforcement Notice Reference: WOB/2/91 Date Issued: 6th April 2000 Enforcement Date: Not Supplied Details: Not Supplied Positional Accuracy: Automatically positioned to the address	A17SE (NW)	598	2	506925 104447
	Nearest Surface Water Feature	A13NE (E)	15	-	507739 104087
25	Pollution Incidents to Controlled Waters Property Type: Natural Sources Location: Avenals Barn, Water Lane, ANGMERING Authority: Environment Agency, Southern Region Pollutant: No Pollutant Note: Not Supplied Incident Date: 8th August 1999 Incident Reference: 2646 Catchment Area: Arun Receiving Water: Potential River Cause of Incident: Other Cause Incident Severity: Category 2 - Significant Incident Positional Accuracy: Approximate location provided by supplier	A18SW (NW)	417	1	507300 104600
26	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	A8SW (SW)	490	1	507300 103400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Ferring Rife At Hangleton Lane, Ferring - Ditch To Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Oil From McIntyres Premises; Petrol/Fuelling Stations Incident Date: 9th January 1994 Incident Reference: 836 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	754	1	508500 104100
28	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: 29th 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	A4NW (S)	908	1	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	A18SW (NW)	453	1	507295 104658
29	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	A12SE (SW)	280	1	507140 103820
30	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	A8NW (S)	348	1	507540 103530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	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	A7NE (SW)	408	1	507030 103740
31	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	A7NE (SW)	410	1	507030 103735
32	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 June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SE (S)	638	1	507640 103240
32	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: 28th January 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8SE (S)	638	1	507640 103240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	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	A14NE (E)	834	1	508580 104110
33	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	A14NE (E)	837	1	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	A10NW (E)	1167	1	508900 103570
	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	A21SE (NW)	1430	1	506420 105140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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: 8th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1543	1	505870 103890
	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	(W)	1811	1	505620 104190
	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	(W)	1811	1	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	(W)	1811	1	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: 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	(W)	1811	1	505620 104190
	Groundwater Vulnerability Geological Classification: Major Aquifer (Highly permeable) - These are highly permeable formations usually with a known or probable presence of significant fracturing. They may be highly productive and able to support large abstractions for public water supply and other purposes Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 45 West Sussex and Surrey Scale: 1:100,000	A13SE (W)	0	1	507594 104048
	Drift Deposits None				
34	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A17NW (NW)	885	1	506852 104800
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Arun District Council - Has no landfill data to supply		0	4	507594 104048
	Local Authority Landfill Coverage Name: West Sussex County Council - Has supplied landfill data		0	8	507594 104048

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Notification of Installations Handling Hazardous Substances (NIHHS) Name: Roundstone Nurseries Location: Roundstone Lane, LITTLEHAMPTON, West Sussex, BN16 4BD Status: Active Positional Accuracy: Automatically positioned in the proximity of the address	A8SE (S)	621	3	507674 103258
36	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: H/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 Granted Positional Accuracy: Manually positioned to the address or location	A8NW (S)	425	4	507511 103453

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Chalk including Red Chalk	A13SE (W)	0	5	507594 104048
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Occasional Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	507594 104048
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	53	5	507754 104283
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	96	5	507877 103892
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	126	5	507448 104289
	Non Coal Mining Areas of Great Britain Risk: Occasional Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	195	5	507868 104322
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	A18SE (N)	214	5	507722 104501
	Non Coal Mining Areas of Great Britain Risk: Likely Source: British Geological Survey, National Geoscience Information Service	A18SE (N)	214	5	507757 104488
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	A18SE (NE)	248	5	507851 104458
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	507594 104048
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	507594 104048
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	507594 104048
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	5	507575 104025
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	134	5	507450 104300
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	179	5	507850 104325
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	507594 104048
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	183	5	507850 104325
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	507594 104048
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	47	5	507750 104275
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	100	5	507875 103925

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	127	5	507425 104275
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	183	5	507850 104325
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	507594 104048
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	47	5	507750 104275
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	100	5	507875 103925
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	127	5	507425 104275
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	183	5	507850 104325
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A18SE (NE)	208	5	507775 104475
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	245	5	507300 104350
	Radon Potential - Radon Affected Areas Affected Area: The property is in a radon affected area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	5	507594 104048
	Radon Potential - Radon Affected Areas Affected Area: The property is in a radon affected area, as between 5 and 10% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	5	507725 104200
	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	A13SE (W)	0	5	507594 104048
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	5	507725 104200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	Contemporary Trade Directory Entries Name: Wotwu 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	A13NW (W)	24	-	507405 104096
38	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	A8NW (S)	331	-	507396 103546
38	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	A8NW (SW)	345	-	507374 103534
39	Contemporary Trade Directory Entries Name: Young Automotive Location: 20, Rowan Way, Angmering, Littlehampton, West Sussex, BN16 4FW Classification: Tyre Repairs & Retreading Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	333	-	507113 103735
40	Contemporary Trade Directory Entries Name: A & B Autos Location: 1, Farrowfields, Roundstone Lane, Angmering, Littlehampton, West Sussex, BN16 4AT Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	343	-	507286 103559
40	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	A8NW (SW)	343	-	507286 103559
41	Contemporary Trade Directory Entries Name: M-Tech Location: 8, Hazel Road, Angmering, Littlehampton, West Sussex, BN16 4FS Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	354	-	507061 103855
41	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	A12SE (W)	395	-	507019 103876
42	Contemporary Trade Directory Entries Name: N S Marine Location: Unit 11,12,Roundstone La, Angmering, Littlehampton, West Sussex, BN16 4AT Classification: Marine Engineers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A8NW (SW)	377	-	507317 103512
42	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	A8NW (SW)	383	-	507302 103510
42	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	A8NW (SW)	397	-	507314 103492

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	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	A8NW (SW)	439	-	507334 103446
44	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	A12NE (W)	450	-	506997 104249
45	Contemporary Trade Directory Entries Name: 1st Time Cars Location: Unit 2, Mayflower Way, Angmering, Littlehampton, West Sussex, BN16 4AY Classification: Car Dealers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	454	-	507112 103538
46	Contemporary Trade Directory Entries Name: C P S Autos Location: Broadlees, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	510	-	507291 104712
47	Contemporary Trade Directory Entries Name: Dw Autos Location: Unit 4, St. Denys Nursery, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	535	-	507398 104796
48	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	A8SE (S)	545	-	507791 103334
49	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	A8SW (S)	549	-	507383 103329
49	Contemporary Trade Directory Entries Name: The Roundstone Car Supercentre Ltd Location: Mayflower Way, Angmering, Littlehampton, West Sussex, BN16 4AY Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	549	-	507383 103329
50	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	A12NW (NW)	559	-	506914 104342
51	Contemporary Trade Directory Entries Name: I K Waiton Location: Lansdowne, Mayflower Way, Angmering, Littlehampton, West Sussex, BN16 4AY Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	562	-	507022 103475
52	Contemporary Trade Directory Entries Name: Hampton'S Location: Unit 3, St. Denys Nursery, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	571	-	507326 104805

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	Contemporary Trade Directory Entries Name: Dump The Junk Location: 53 Mill Rd Av, Angmering, Littlehampton, West Sussex, BN16 4HX Classification: Waste Disposal Services Status: Active Positional Accuracy: Manually positioned to the address or location	A12SW (W)	594	-	506823 103977
54	Contemporary Trade Directory Entries Name: Chandlers Garage Worthing Ltd Location: BMW House, Water Lane, Angmering, Littlehampton, West Sussex, BN16 4EH Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	598	-	506925 104447
55	Contemporary Trade Directory Entries Name: Southdown Garage Services Location: Unit 1, St. Denys Nursery, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (NW)	600	-	507275 104809
56	Contemporary Trade Directory Entries Name: Rag Bags Location: St. Denys North, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Cleaning Materials & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	602	-	507292 104821
56	Contemporary Trade Directory Entries Name: Paul Skippins Location: Unit 18, Dappers La, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	650	-	507264 104860
56	Contemporary Trade Directory Entries Name: Burgess Ltd Location: Westbury, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	665	-	507236 104861
57	Contemporary Trade Directory Entries Name: D & A Motors Location: Mayflower Way, Angmering, Littlehampton, West Sussex, BN16 4AY Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	608	-	507323 103276
57	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	A8SW (S)	650	-	507335 103232
58	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	A7NW (SW)	617	-	506898 103538
59	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: Manually positioned within the geographical locality	A8SE (S)	628	-	507682 103251
60	Contemporary Trade Directory Entries Name: Astron Engineering Ltd Location: Unit 4, The Acre, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	631	-	507402 104899

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	Contemporary Trade Directory Entries Name: European Machinery Sales Location: Unit 3, The Acre, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Metal Finishing Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	631	-	507402 104899
60	Contemporary Trade Directory Entries Name: Thatchers Motors Location: Unit 14, The Acre, Dappers La, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Car Body Repairs Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	632	-	507350 104882
60	Contemporary Trade Directory Entries Name: O'Donnell Location: Unit 9, The Acre, Dappers Lane, Angmering, LITTLEHAMPTON, West Sussex, BN16 4EN Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	642	-	507360 104897
60	Contemporary Trade Directory Entries Name: Geoff's Autos Location: Unit 2, The Acre, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	649	-	507370 104908
60	Contemporary Trade Directory Entries Name: J & D Motors Location: Unit 7, The Acre, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	652	-	507360 104907
60	Contemporary Trade Directory Entries Name: W S Clear Location: The Acre, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	659	-	507350 104911
60	Contemporary Trade Directory Entries Name: Godfrey'S Location: The Acre, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Car Painters & Sprayers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	659	-	507350 104911
60	Contemporary Trade Directory Entries Name: Ace Cutter Location: Unit 3, The Acre, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Machine Tool Accessories & Services Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	659	-	507350 104911
61	Contemporary Trade Directory Entries Name: The Fridge Doctor Location: Dappers La, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Refrigerators & Freezers - Servicing & Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	702	-	507260 104918
62	Contemporary Trade Directory Entries Name: Chips Away Location: Roundstone Farm, A259, Littlehampton Rd, Ferring, Worthing, West Sussex, BN12 6PW Classification: Car Body Repairs Status: Active Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	731	-	508210 103292
63	Contemporary Trade Directory Entries Name: Rag Bags Location: Dappers La, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	748	-	507258 104968

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	Contemporary Trade Directory Entries Name: Arundel Road Garage Ltd Location: Arundel Road, Angmering, Littlehampton, West Sussex, BN16 4JZ Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	798	-	506755 104553
64	Contemporary Trade Directory Entries Name: Arundel Road Garage Location: Arundel Road, Angmering, Littlehampton, West Sussex, BN16 4JZ Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	798	-	506755 104553
65	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	A3NW (S)	861	-	507406 103016
66	Contemporary Trade Directory Entries Name: Chem-Dry Breeze Location: 10, Older Way, Angmering, Littlehampton, West Sussex, BN16 4HQ Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	897	-	506695 104641
67	Contemporary Trade Directory Entries Name: John Cooper Garages Ltd Location: 3, North Lane, East Preston, Littlehampton, West Sussex, BN16 1BN Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	909	-	507495 102968
67	Contemporary Trade Directory Entries Name: Sussex Cars Location: 3, North Lane, East Preston, Littlehampton, West Sussex, BN16 1BN Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	909	-	507495 102968
68	Contemporary Trade Directory Entries Name: Beyond The Sea Location: Dappers La, Angmering, Littlehampton, West Sussex, BN16 4EW Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A22SE (N)	921	-	507256 105156
69	Contemporary Trade Directory Entries Name: A & S Motors Location: Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EW Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	924	-	507305 105176
69	Contemporary Trade Directory Entries Name: Autohaus Location: Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EW Classification: Brake & Clutch Service Centres Status: Inactive Positional Accuracy: Manually positioned to the address or location	A23SW (N)	924	-	507305 105176
69	Contemporary Trade Directory Entries Name: Butler Location: Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EW Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A23SW (N)	924	-	507305 105176
69	Contemporary Trade Directory Entries Name: Mini'S & Metro'S Location: Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EW Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	924	-	507305 105176
69	Contemporary Trade Directory Entries Name: Ferreteria Location: Dappers Lane, Angmering, LITTLEHAMPTON, West Sussex, BN16 4EW Classification: Blacksmiths & Forgemasters Status: Active Positional Accuracy: Automatically positioned to the address	A23SW (N)	924	-	507305 105176

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	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	A6NE (SW)	930	-	506549 103535
71	Contemporary Trade Directory Entries Name: D & A Motors Location: Coopers Industrial Estate, Littlehampton Road, Ferring, Worthing, West Sussex, BN12 6PW Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NW (SE)	992	-	508668 103448
71	Contemporary Trade Directory Entries Name: Electro Systems Location: Coopers Industrial Estate, Littlehampton Road, Ferring, Worthing, West Sussex, BN12 6PW Classification: Electronic Equipment - Manufacturers & Assemblers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NW (SE)	1000	-	508662 103420
72	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	A7NW (SW)	831	-	506625 103616
73	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	A3NW (S)	956	-	507443 102921

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	National Parks Name: South Downs Multiple Area: N Area (m2): 1652679314.31 Source: Natural England Status: Fully Designated - designated as a National Park Designation Date: 2nd November 2009	A13NE (NE)	0	6	507711 104201
75	Nitrate Vulnerable Zones Name: Not Supplied Description: Surface Water - Designated 2002 Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A13NW (N)	12	7	507587 104307
76	Nitrate Vulnerable Zones Name: Not Supplied Description: Groundwater Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A12SE (SW)	307	7	507133 103754

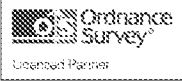
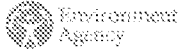
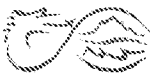
Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Horsham District Council - Environmental Health Department Arun District Council - Environmental Health Department Worthing Borough Council - Environmental Health Department	August 2010 July 2010 May 2010	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Southern Region	October 2010	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	January 2011	Quarterly
Integrated Pollution Controls Environment Agency - Southern Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Southern Region	October 2010	Quarterly
Local Authority Integrated Pollution Prevention And Control Horsham District Council - Environmental Health Department Arun District Council - Environmental Health Department Worthing Borough Council - Environmental Health Department	December 2010 July 2010 May 2010	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Horsham District Council - Environmental Health Department Arun District Council - Environmental Health Department Worthing Borough Council - Environmental Health Department	December 2010 July 2010 May 2010	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Horsham District Council - Environmental Health Department Arun District Council - Environmental Health Department Worthing Borough Council - Environmental Health Department	December 2010 July 2010 May 2010	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2010	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Southern Region	January 2011	Monthly
Prosecutions Relating to Controlled Waters Environment Agency - Southern Region	October 2010	Monthly
Registered Radioactive Substances Environment Agency - Southern Region	October 2010	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	January 2010	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	January 2010	Annually
Substantiated Pollution Incident Register Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	October 2010 October 2010	Quarterly Quarterly
Water Abstractions Environment Agency - Southern Region	October 2010	Quarterly
Water Industry Act Referrals Environment Agency - Southern Region	October 2010	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 1999	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable

Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	October 2010	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2010	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2010	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	November 2010	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	November 2010	Quarterly
Flood Defences Environment Agency - Head Office	November 2010	Quarterly
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	October 2010 October 2010	Quarterly Quarterly
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	October 2010 October 2010	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	October 2010 October 2010	Quarterly Quarterly
Local Authority Landfill Coverage Arun District Council - Technical Support Unit Horsham District Council - Environmental Health Department West Sussex County Council - Environment & Development Worthing Borough Council - Planning Department	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Arun District Council - Technical Support Unit Horsham District Council - Environmental Health Department West Sussex County Council - Environment & Development Worthing Borough Council - Planning Department	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable 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	May 2010	Bi-Annually
Explosive Sites Health and Safety Executive	July 2010	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 Horsham District Council - Planning Department Worthing Borough Council - Planning Department West Sussex County Council - Environment & Development	February 2010 January 2011 May 2010 October 2006	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Arun District Council - Technical Support Unit Horsham District Council - Planning Department Worthing Borough Council - Planning Department West Sussex County Council - Environment & Development	February 2010 January 2011 May 2010 October 2006	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2010	Bi-Annually
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	November 2002	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2006	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	February 2009	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2010	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	May 2007	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	May 2007	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	November 2010	Quarterly
Fuel Station Entries Catalist Ltd - Experian	April 2010	Quarterly
Sensitive Land Use	Version	Update Cycle
Areas of Outstanding Natural Beauty Natural England	July 2010	Bi-Annually
Environmentally Sensitive Areas Natural England	July 2010	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	October 2010	Bi-Annually
Marine Nature Reserves Natural England	September 2010	Bi-Annually
National Nature Reserves Natural England	October 2010	Bi-Annually
National Parks Natural England	August 2010	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2009	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2009	Annually
Ramsar Sites Natural England	August 2010	Bi-Annually
Sites of Special Scientific Interest Natural England	August 2010	Bi-Annually
Special Areas of Conservation Natural England	October 2010	Bi-Annually
Special Protection Areas Natural England	August 2010	Bi-Annually

A selection of organisations who provide data within this report

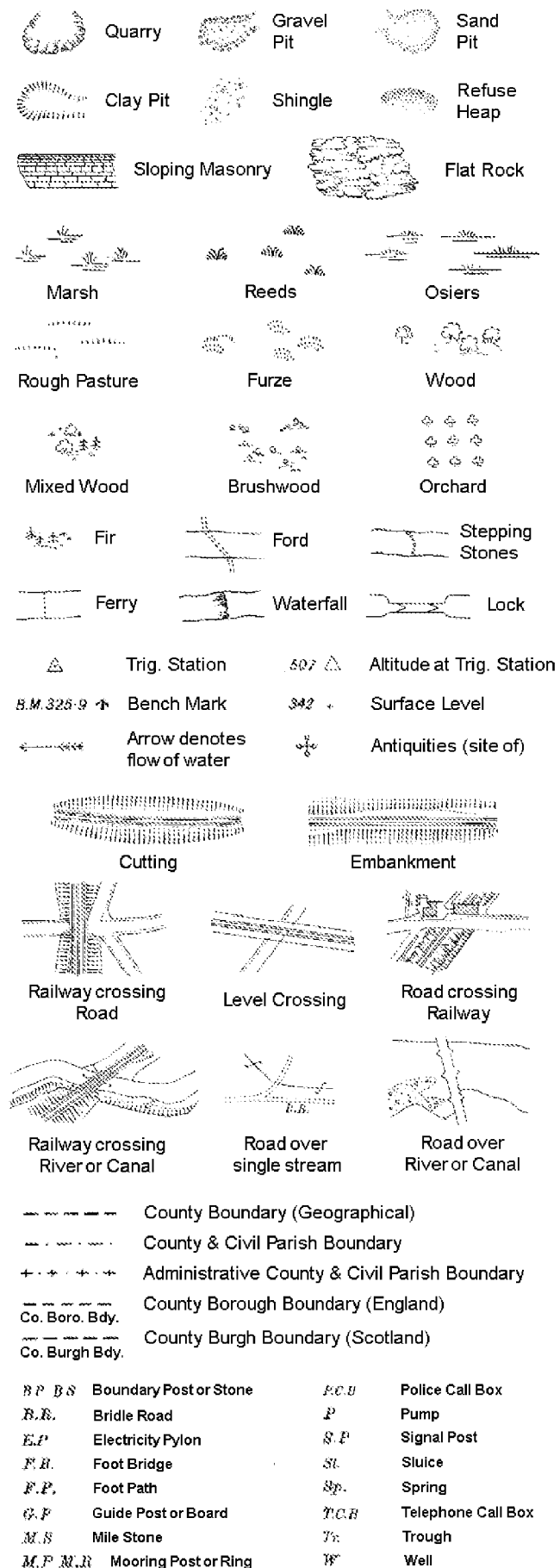
Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Countryside Council for Wales	 CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	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
3	Health and Safety Executive HSE Infoline, Caerphilly Business Park, Caerphilly, CF83 3GG	Telephone: 08701 545500 Fax: 02920 859260 Email: hseinformationservices@natbrit.com Website: www.hse.gov.uk
4	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
5	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
6	Natural England Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
7	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
8	West Sussex County Council - Environment & Development County Hall, Tower hall, Chichester, West Sussex, PO19 1RH	Telephone: 01243 777100 Website: www.westsussex.gov.uk
-	Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	Landmark Information Group Limited The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

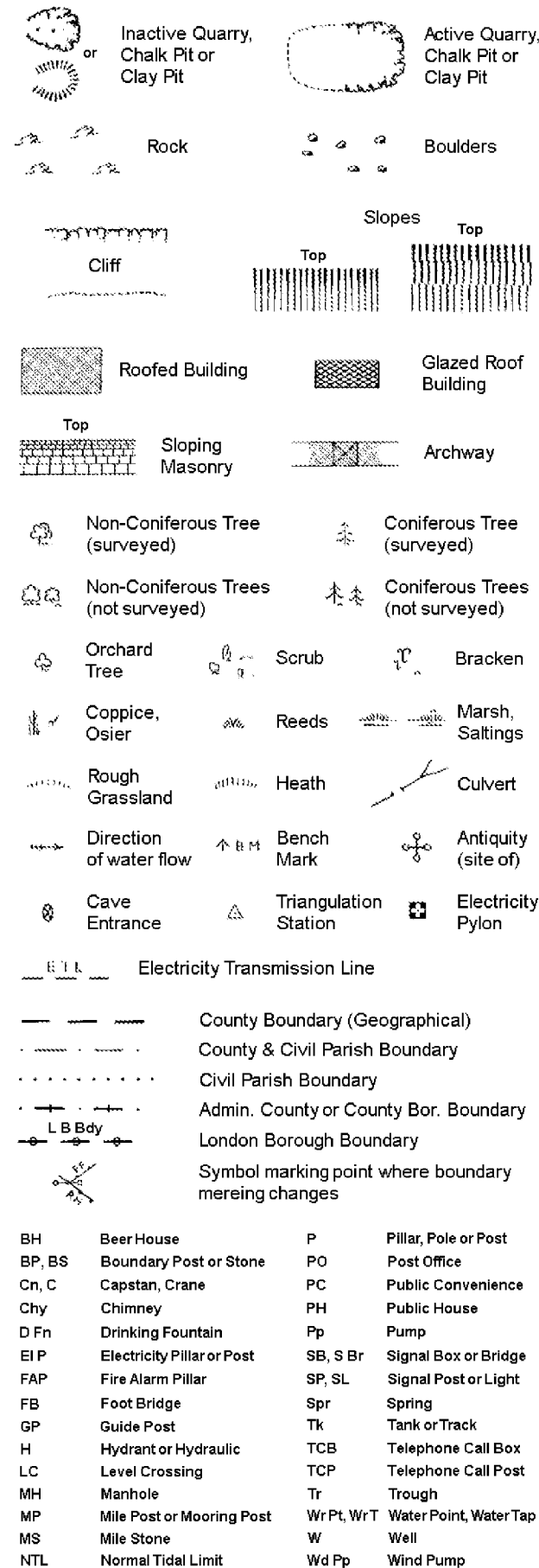
Please note that the Environment Agency / SEPA have a charging policy in place for enquiries.

Historical Mapping Legends

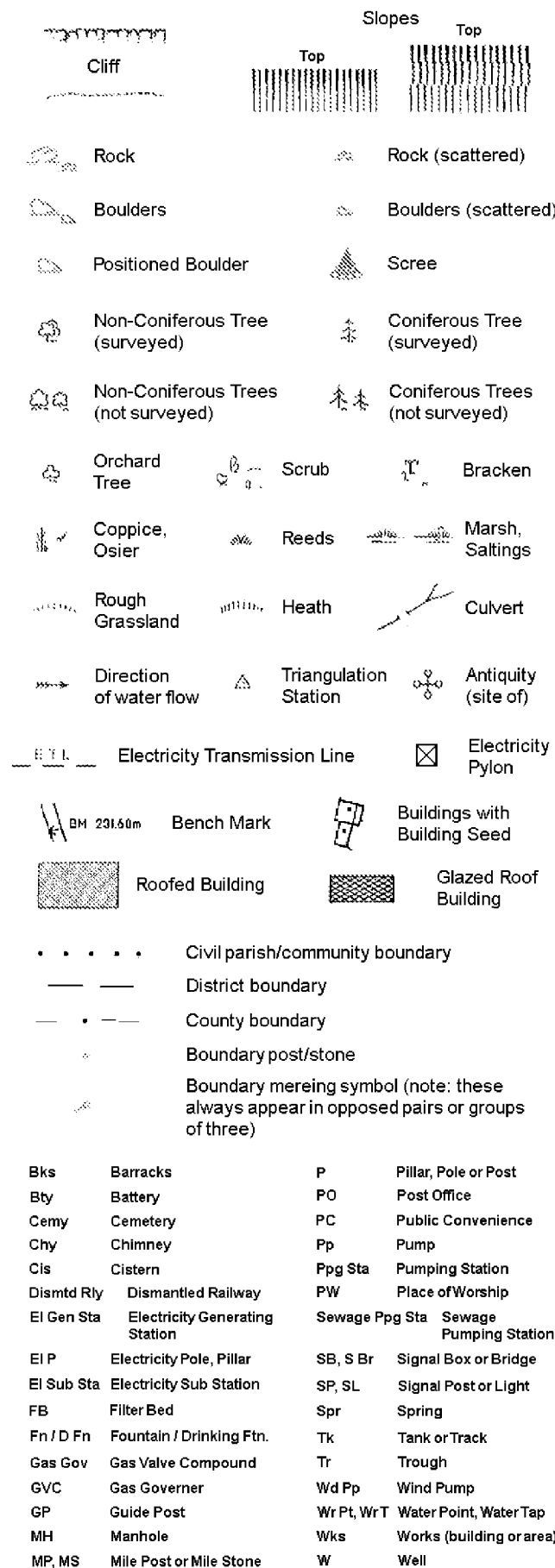
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



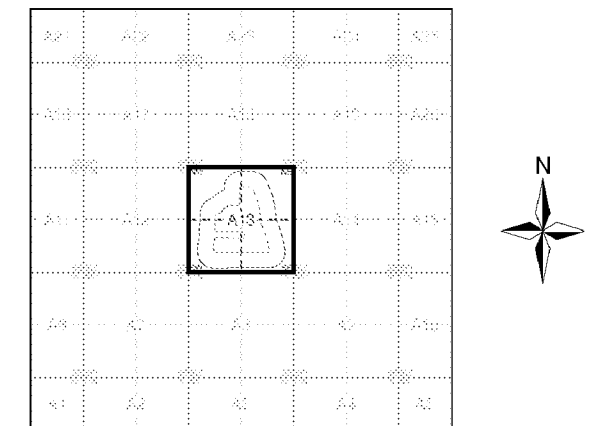
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:2,500	1876	2
Sussex	1:2,500	1897	3
Sussex	1:2,500	1911	4
Sussex	1:2,500	1932	5
Ordnance Survey Plan	1:2,500	1971 - 1972	6
Supply of Unpublished Survey Information	1:2,500	1974	7
Supply of Unpublished Survey Information	1:2,500	1974	8
Ordnance Survey Plan	1:2,500	1979	9
Additional SIMs	1:2,500	1985	10
Additional SIMs	1:2,500	1990	11
Large-Scale National Grid Data	1:2,500	1994	12
Large-Scale National Grid Data	1:1,250	1994	13

Historical Map - Segment A13



Order Details

Order Number: 33604427_1_1
Customer Ref: J10161
National Grid Reference: 507590, 104050
Slice: A
Site Area (Ha): 9.67
Search Buffer (m): 100

Site Details

Land to the east of, Roundstone Lane, Angmering, Angmering-on-Sea, LITTLEHAMPTON, West Sussex, BN16 4AT



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

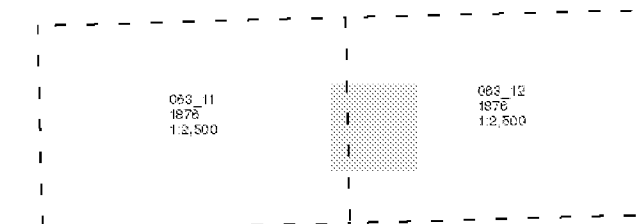
Sussex

Published 1876

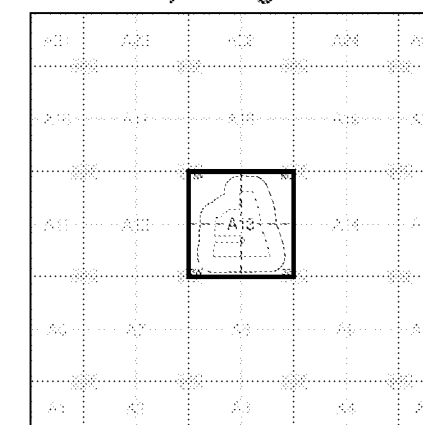
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



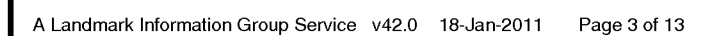
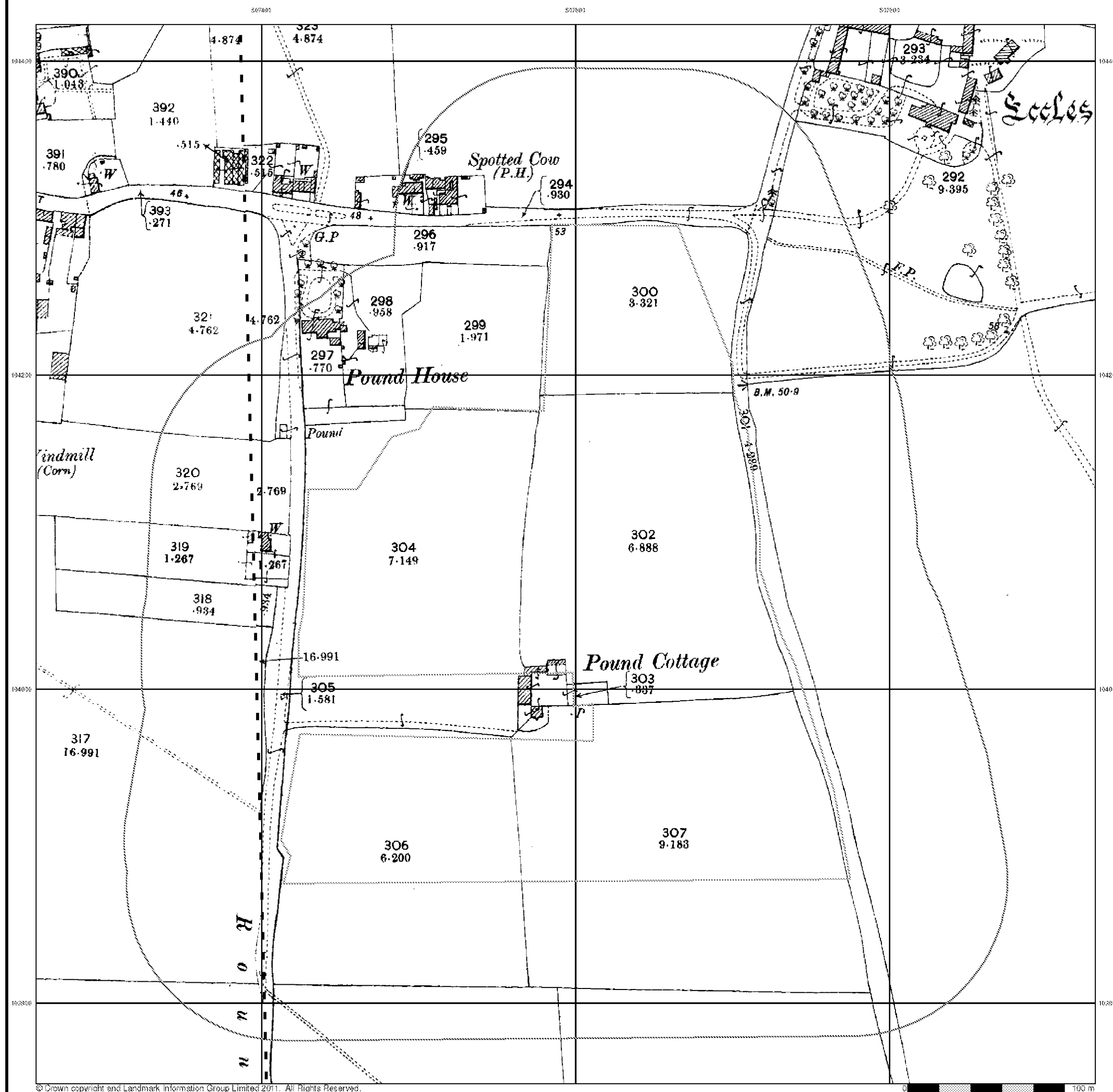
Order Details

Order Number: 33604427_1_1
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 National Grid Reference: 507590, 104050
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Site Details

Land to the east of, Roundstone Lane, Angmering, Angmering-on-Sea, LITTLEHAMPTON, West Sussex, BN16 4AT





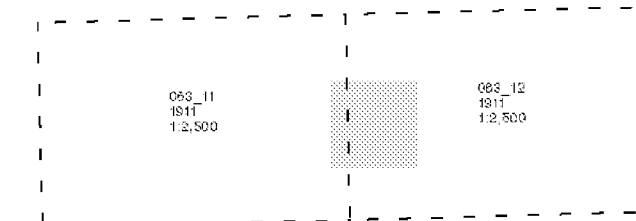
Sussex

Published 1911

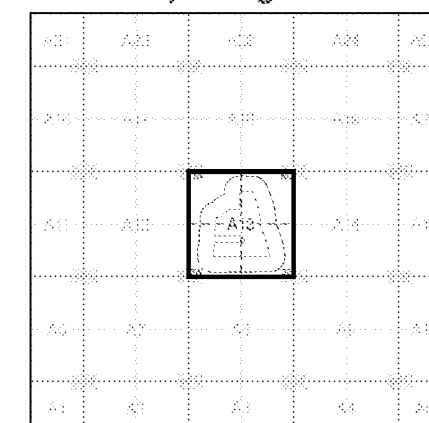
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

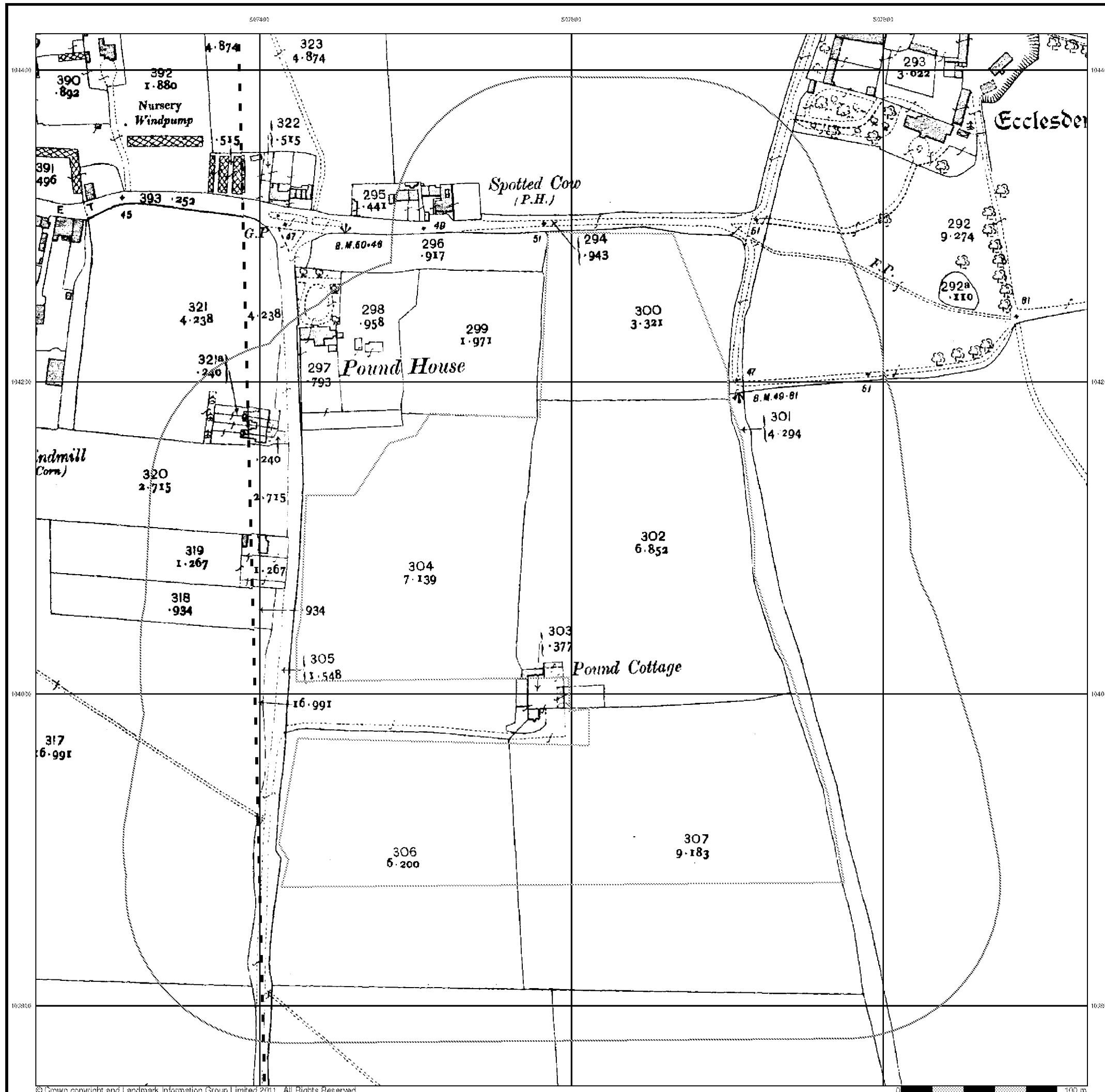


Order Details

Order Number: 33604427_1_1
Customer Ref: J10161
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Slice: A
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Site Details

Land to the east of, Roundstone Lane, Angmering, Angmering-on-Sea, LITTLEHAMPTON, West Sussex, BN16 4AT



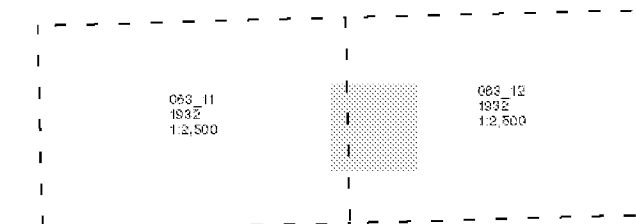
Sussex

Published 1932

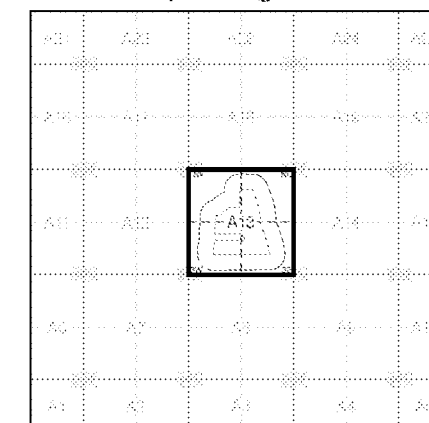
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 33604427_1_1
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Site Details

Land to the east of, Roundstone Lane, Angmering, Angmering-on-Sea, LITTLEHAMPTON, West Sussex, BN16 4AT



Ordnance Survey Plan

Published 1971 - 1972

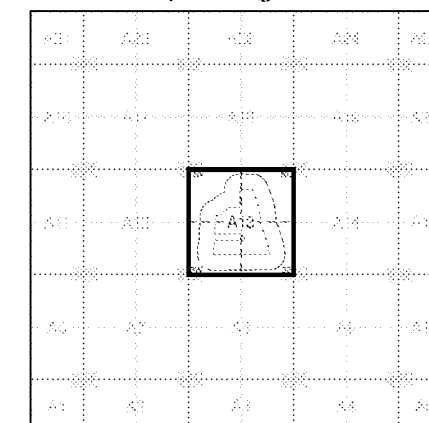
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TQ0704
1971
1:2,500
TQ0703
1972
1:2,500

Historical Map - Segment A13

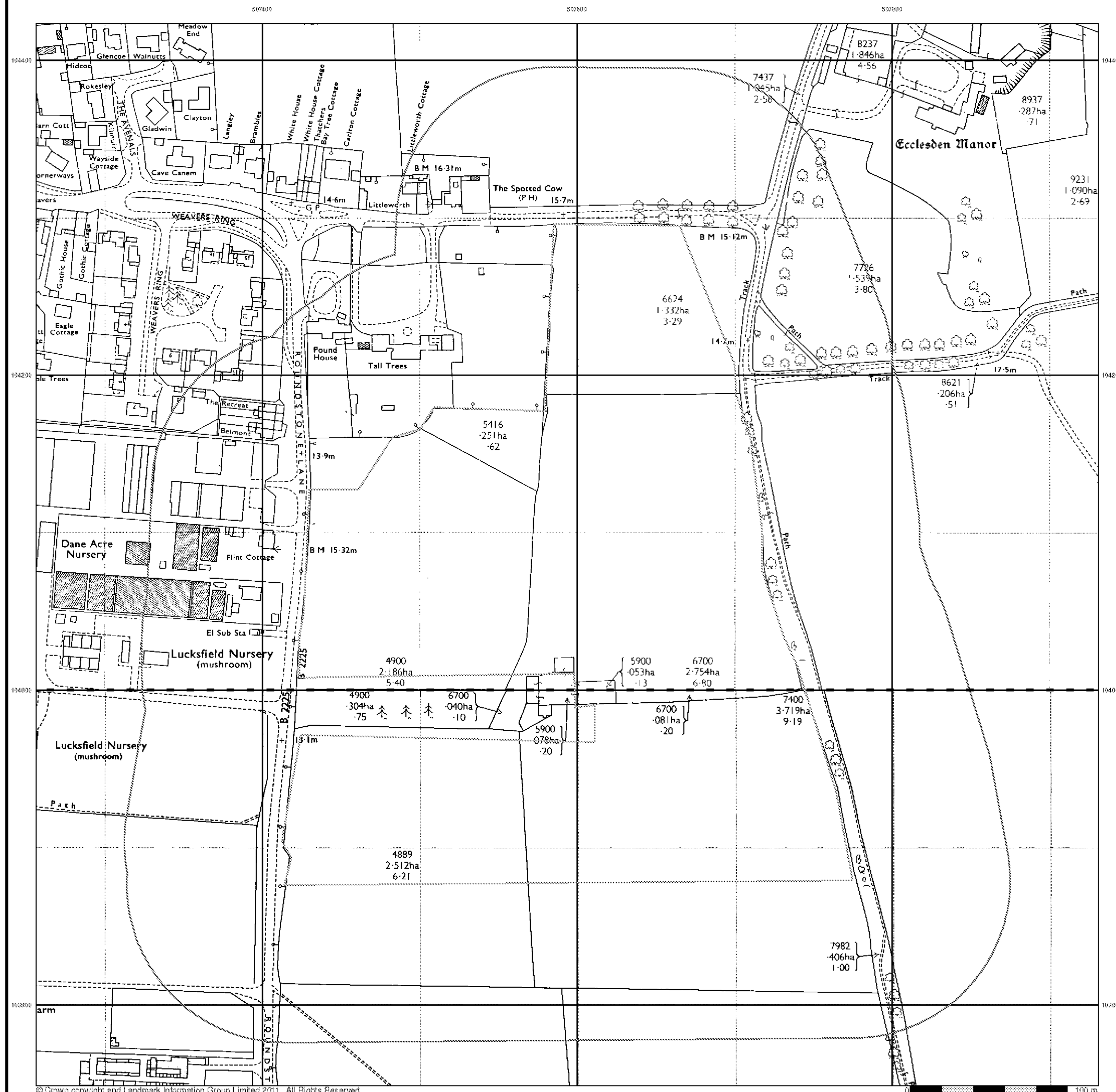


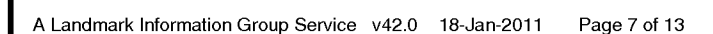
Order Details

Order Number: 33604427_1_1
 Customer Ref: J10161
 National Grid Reference: 507590, 104050
 Slice: A
 Site Area (Ha): 9.67
 Search Buffer (m): 100

Site Details

Land to the east of, Roundstone Lane, Angmering, Angmering-on-Sea, LITTLEHAMPTON, West Sussex, BN16 4AT





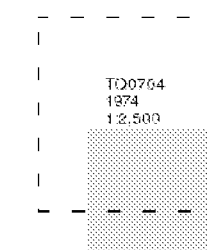
Supply of Unpublished Survey Information

Published 1974

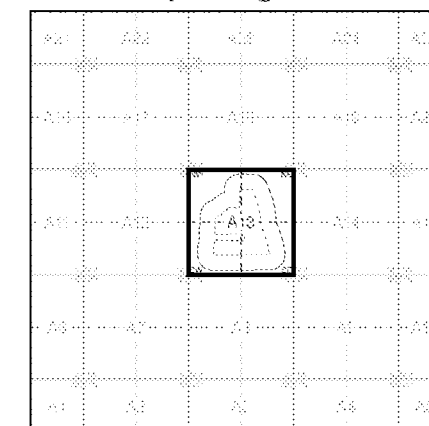
Source map scale - 1:2,500

SUSI 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 as they showed updates 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: 33604427_1_1
 Customer Ref: J10161
 National Grid Reference: 507590, 104050
 Slice: A
 Site Area (Ha): 9.67
 Search Buffer (m): 100

Site Details

Land to the east of, Roundstone Lane, Angmering, Angmering-on-Sea, LITTLEHAMPTON, West Sussex, BN16 4AT



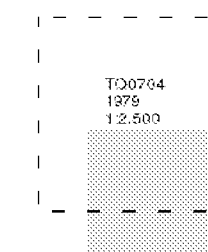
Ordnance Survey Plan

Published 1979

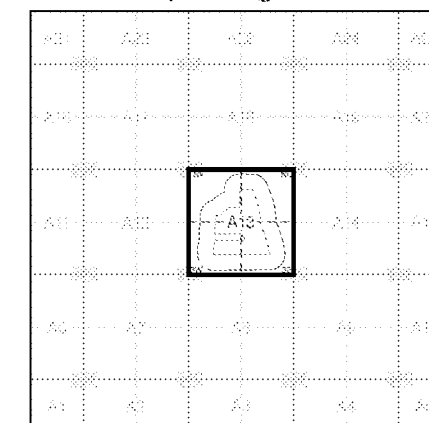
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 33604427_1_1
Customer Ref: J10161
National Grid Reference: 507590, 104050
Slice: A
Site Area (Ha): 9.67
Search Buffer (m): 100

Site Details

Land to the east of, Roundstone Lane, Angmering, Angmering-on-Sea, LITTLEHAMPTON, West Sussex, BN16 4AT



Additional SIMs

Published 1985

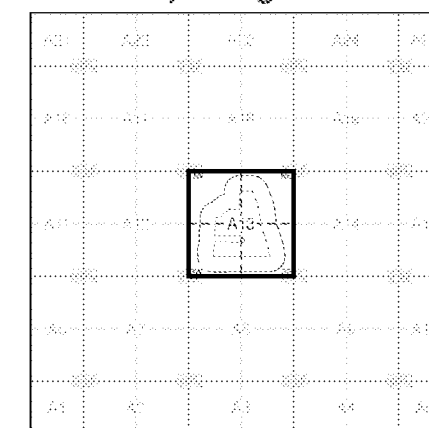
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TQ0704	1985	1:2,500
TQ0703	1985	1:2,500

Historical Map - Segment A13

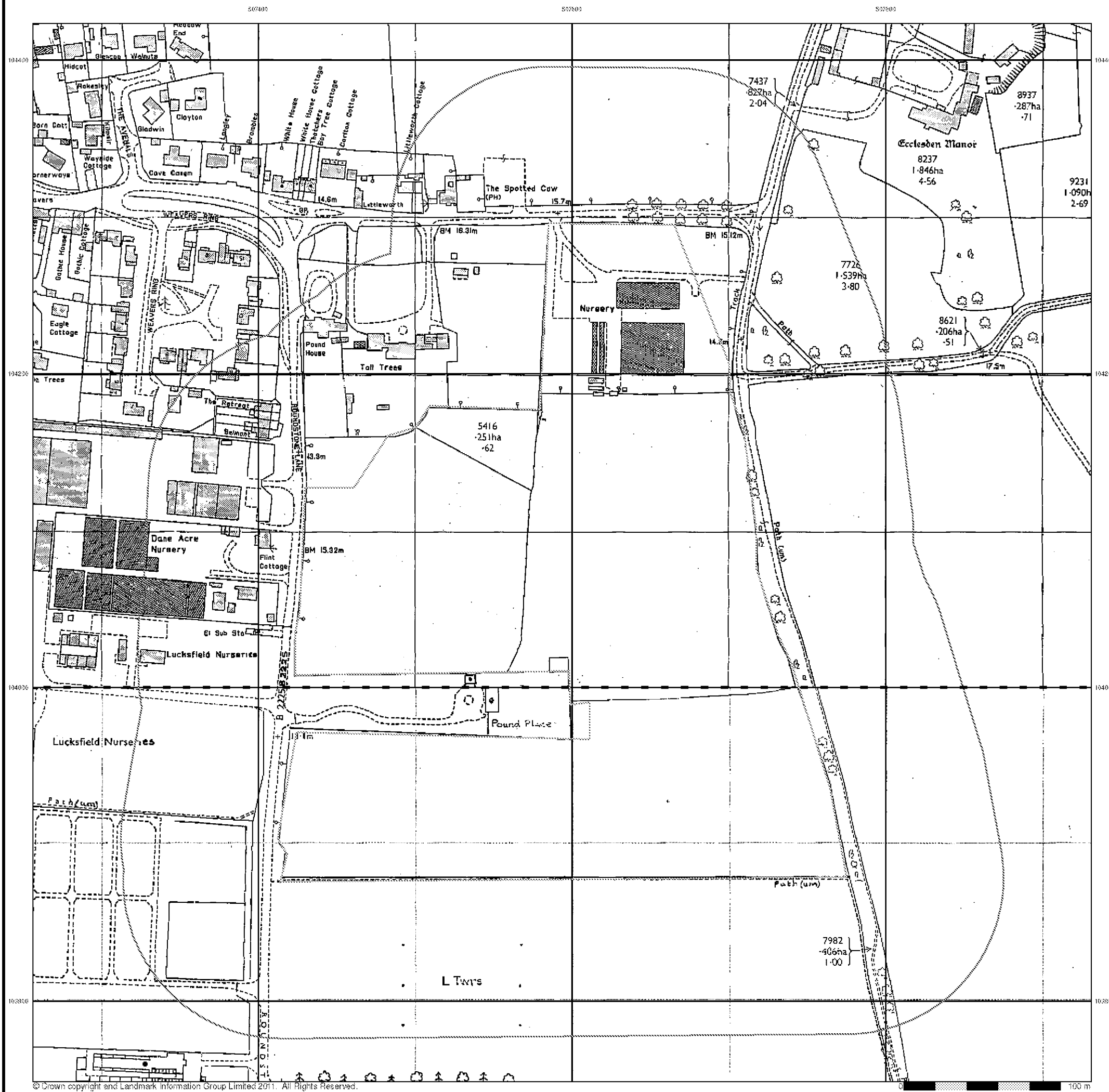


Order Details

Order Number: 33604427_1_1
 Customer Ref: J10161
 National Grid Reference: 507590, 104050
 Slice: A
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Site Details

Land to the east of, Roundstone Lane, Angmering, Angmering-on-Sea, LITTLEHAMPTON, West Sussex, BN16 4AT



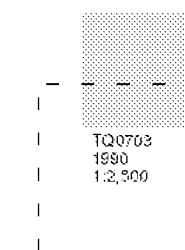
Additional SIMs

Published 1990

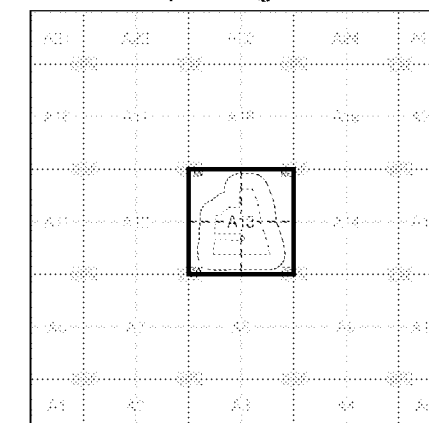
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

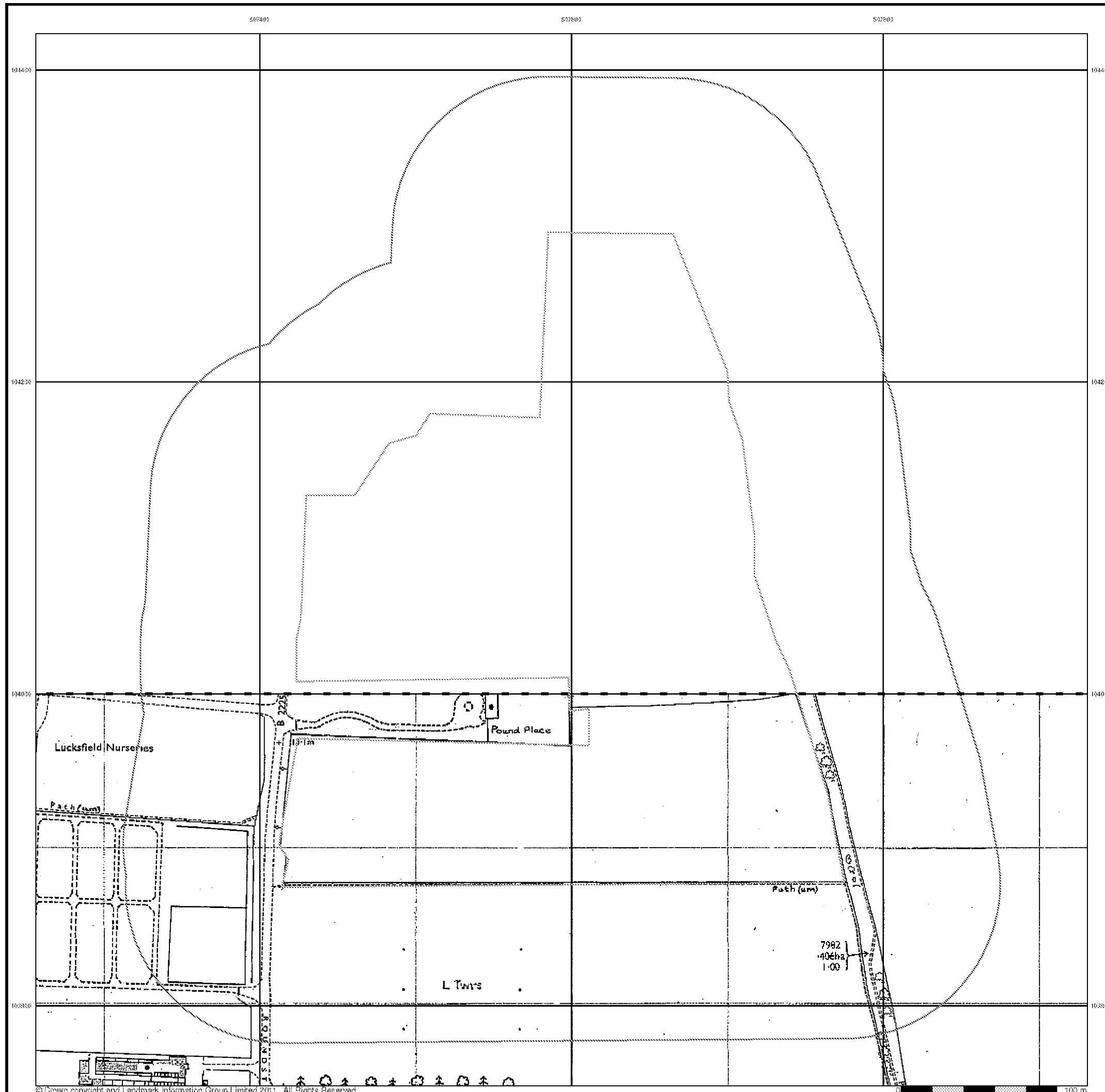


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Site Details

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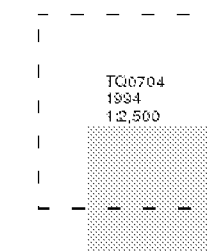
Large-Scale National Grid Data

Published 1994

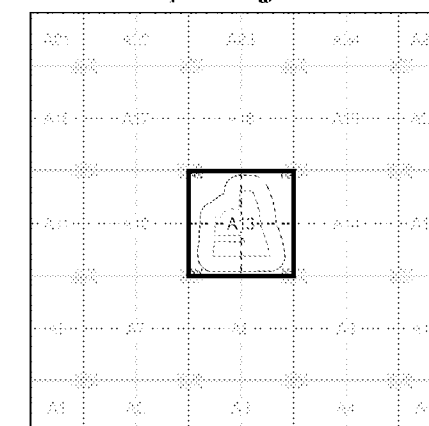
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

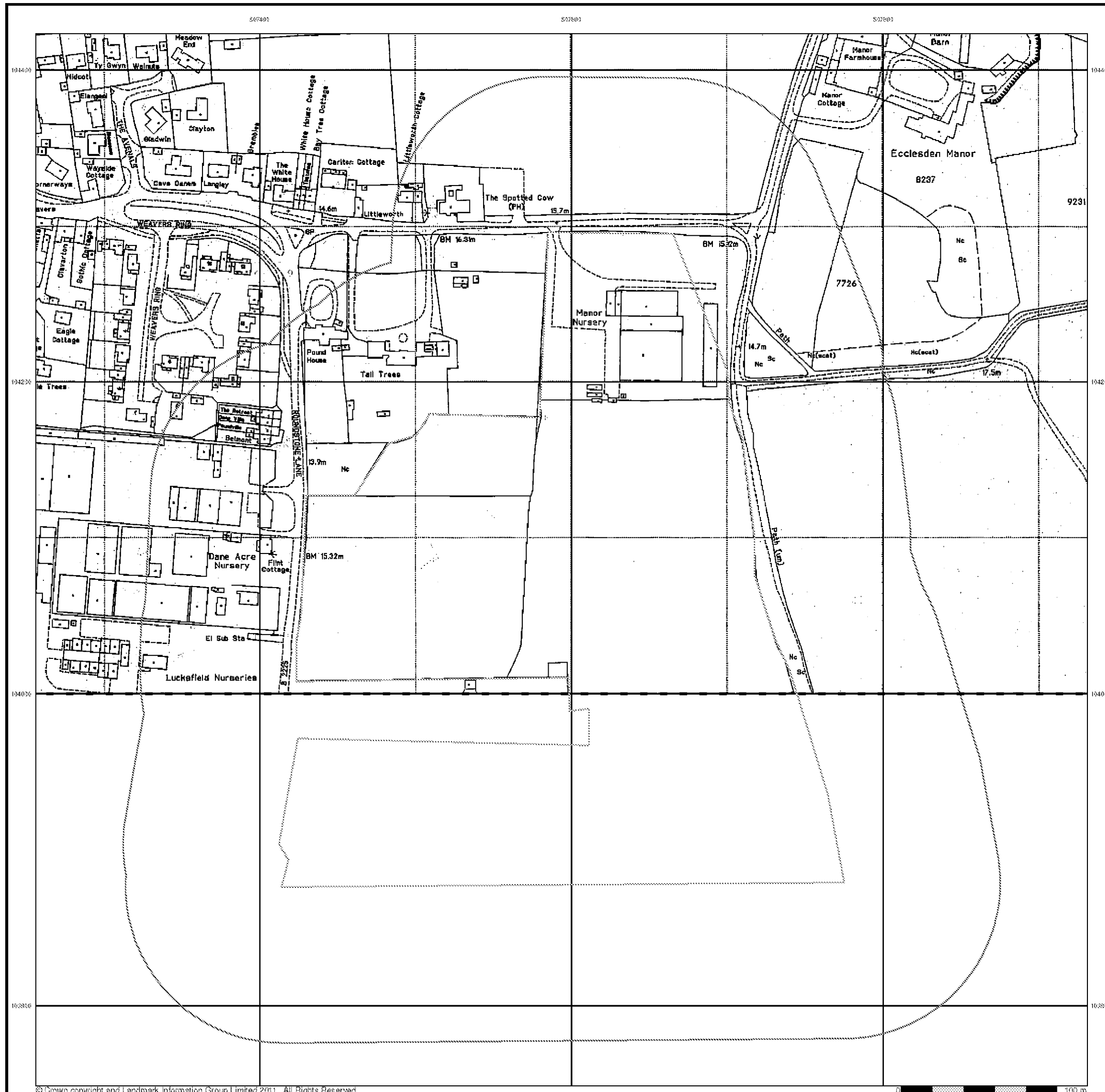


Order Details

Order Number: 33604427_1_1
Customer Ref: J10161
National Grid Reference: 507590, 104050
Slice: A
Site Area (Ha): 9.67
Search Buffer (m): 100

Site Details

Land to the east of, Roundstone Lane, Angmering, Angmering-on-Sea, LITTLEHAMPTON, West Sussex, BN16 4AT



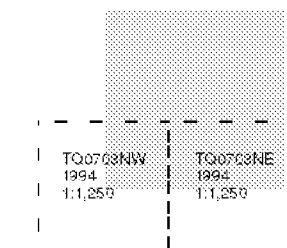
Large-Scale National Grid Data

Published 1994

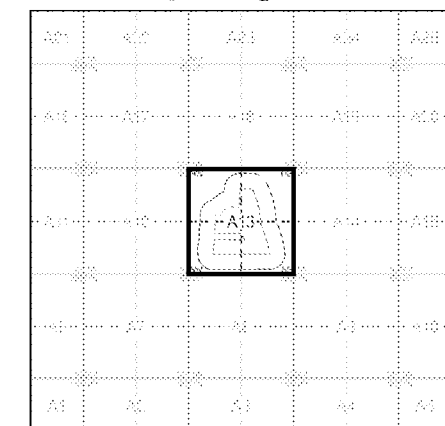
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13

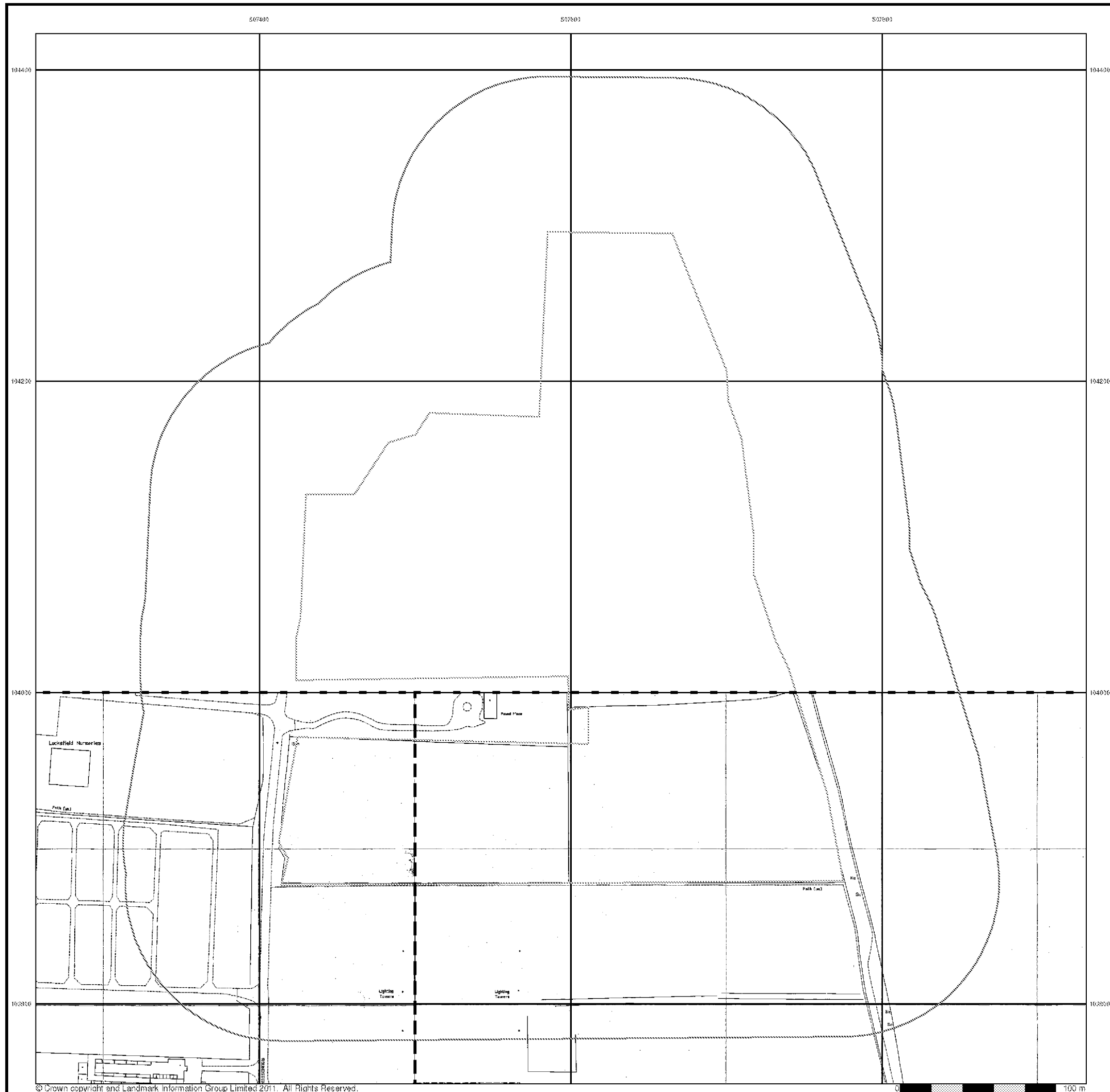


Order Details

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 National Grid Reference: 507590, 104050
 Slice: A
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 Search Buffer (m): 100

Site Details

Land to the east of, Roundstone Lane, Angmering, Angmering-on-Sea, LITTLEHAMPTON, West Sussex, BN16 4AT



Radon Risk Report for addresses in England and Wales

Issued by the Health Protection Agency and the British Geological Survey using Address Point®. Fee paid £3.00 + VAT. Email receipt issued by Secure Trading Ltd.

Address searched: Pound Place, Roundstone Lane, Angmering, Littlehampton, BN16 4AL

Numerical grid reference for this address:

507548 East

103995 North

Date of report: 15/07/2012

Guidance for existing properties

Is this property in a radon Affected Area? - YES

The answer to the standard enquiry on house purchase known as CON29 Standard Enquiry of Local Authority; 3.13 Radon Gas: Location of the Property in a Radon Affected Area is:

Yes, this property is in a Radon Affected Area as defined by the Health Protection Agency.

The estimated probability of the property being above the Action Level for radon is: 1-3%

The result may not be valid for buildings larger than 25 metres.

This report informs you of the estimated probability that this particular property is above the Action Level for radon. This does not necessarily mean there is a radon problem in the property; the only way to find out whether it is above or below the Action Level is to carry out a radon measurement in an existing property.

Radon Affected Areas are designated by the Health Protection Agency. HPA advises that radon gas should be measured in all properties within Radon Affected Areas.

If you are buying a currently occupied property in a Radon Affected Area, you should ask the present owner whether radon levels have been measured in the property. If they have, ask whether the results were above the Radon Action Level and if so, whether remedial measures were installed, radon levels were re-tested, and the results of re-testing confirmed the effectiveness of the measures.

Further information is available from HPA or www.ukradon.org.

Guidance for new buildings and extensions to existing properties

What is the requirement under Building Regulations for radon protection in new buildings and extensions at the property location? - None

If you are buying a new property in a Radon Affected Area, you should ask the builder whether radon protective measures were incorporated in the construction of the property.

See the Radon and Building Regulations for more details.

Radon Risk Report for addresses in England and Wales

Issued by the Health Protection Agency and the British Geological Survey using Address Point®. Fee paid £3.00 + VAT. Email receipt issued by Secure Trading Ltd.

Address searched: Pound House, Roundstone Lane, Angmering, Littlehampton, BN16 4AL

Numerical grid reference for this address:

507441 East

104231 North

Date of report: 15/07/2012

Guidance for existing properties

Is this property in a radon Affected Area? - YES

The answer to the standard enquiry on house purchase known as CON29 Standard Enquiry of Local Authority; 3.13 Radon Gas: Location of the Property in a Radon Affected Area is:

Yes, this property is in a Radon Affected Area as defined by the Health Protection Agency.

The estimated probability of the property being above the Action Level for radon is: 1-3%

The result may not be valid for buildings larger than 25 metres.

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See the Radon and Building Regulations for more details.

Radon Risk Report for addresses in England and Wales

Issued by the Health Protection Agency and the British Geological Survey using Address Point®. Fee paid £3.00 + VAT. Email receipt issued by Secure Trading Ltd.

Address searched: Worthing Rugby Club, Roundstone Lane, Angmering, Littlehampton, BN16 4AX

Numerical grid reference for this address:

507604 East

103743 North

Date of report: 15/07/2012

Guidance for existing properties

Is this property in a radon Affected Area? - YES

The answer to the standard enquiry on house purchase known as CON29 Standard Enquiry of Local Authority; 3.13 Radon Gas: Location of the Property in a Radon Affected Area is:

Yes, this property is in a Radon Affected Area as defined by the Health Protection Agency.

The estimated probability of the property being above the Action Level for radon is: 1-3%

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See the Radon and Building Regulations for more details.

Radon Risk Report for addresses in England and Wales

Issued by the Health Protection Agency and the British Geological Survey using Address Point®. Fee paid £3.00 + VAT. Email receipt issued by Secure Trading Ltd.

Address searched: Manor Nursery, High Street, Angmering, Littlehampton, BN16 4AW

Numerical grid reference for this address:

507625 East

104250 North

Date of report: 15/07/2012

Guidance for existing properties

Is this property in a radon Affected Area? - YES

The answer to the standard enquiry on house purchase known as CON29 Standard Enquiry of Local Authority; 3.13 Radon Gas: Location of the Property in a Radon Affected Area is:

Yes, this property is in a Radon Affected Area as defined by the Health Protection Agency.

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See the Radon and Building Regulations for more details.

Radon Risk Report for addresses in England and Wales

Issued by the Health Protection Agency and the British Geological Survey using Address Point®. Fee paid £3.00 + VAT. Email receipt issued by Secure Trading Ltd.

Address searched: Tall Trees, High Street, Angmering, Littlehampton, BN16 4AW

Numerical grid reference for this address:

507492 East

104215 North

Date of report: 15/07/2012

Guidance for existing properties

Is this property in a radon Affected Area? - YES

The answer to the standard enquiry on house purchase known as CON29 Standard Enquiry of Local Authority; 3.13 Radon Gas: Location of the Property in a Radon Affected Area is:

Yes, this property is in a Radon Affected Area as defined by the Health Protection Agency.

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See the Radon and Building Regulations for more details.

Site Land adjacent to Roundstone Lane, Angmering

Client BDW Southampton

