



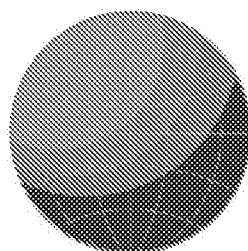
Phase 1 Environmental Risk Assessment

Project Reference: P19.117/ERA

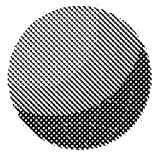
Merry England Nurseries

Prepared For

GD Concepts Ltd



IMPACT
GEOTECHNICAL



Report Approval

Report Author(s)	Signature	Date
Graham Carter BSc FGS Engineering Geologist, Director		20/08/2019
Report Approved	Signature	Date
Rob Marsh BSc FGS Engineering Geologist, Director		20/08/2019
Revision – Requested by	Nature of Revision	Date

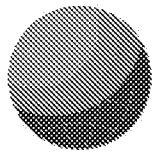


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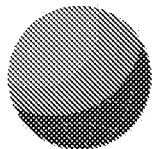
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Trading Terms

Unless specifically stated within the tender/quotation or unless identified within the introduction to this report it is confirmed that this report has been compiled wholly in accord with Impact Geotechnical Ltd's terms of engagement. This report is provided for sole use by the Client and is confidential to them. No responsibility whatsoever for the contents of the report will be accepted to anyone other than the Client.

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Context

This report is written in the context of an agreed scope of work between Impact Geotechnical Ltd and the Client and should not be used in a different context. In light of additional information becoming available, improved practices and changes in legislation amendment or re-interpretation of the report in whole or part may be necessary after its original submission.

Professional Interpretation

The recommendations made and opinions expressed in the report are based on the conditions revealed by the site works together with an assessment of the data from the insitu and laboratory testing or in respect of the desktop reports. No responsibility can be accepted for conditions that have not been revealed by the research, site works and testing.

The Client is advised that the conditions observed on site by Impact Geotechnical Ltd at the time of any site survey may be subject to change. Certain indicators of the presence of hazardous substances may have been latent at the time of the most recent site reconnaissance and they may subsequently have become evident. It is not possible to assess areas which are inaccessible or where access is not granted and IGL accept no liability for risks subsequently identified therein.

The conceptual model, Risk assessment and sampling regime has been formulated in accordance with current UK guidance at time of production based upon the relevant information gained from Phase 1 and Phase 2 investigations. While the model and assessment offer opinions and interpretations of these guidelines, the comments made are for guidance only and no liability can be accepted for their accuracy. It is possible that aspects of Geo-environmental reports may need to be altered following consultation with the statutory regulatory bodies to suit planning requirements.

Intrusive Field Operations

The data collected through direct operations in the production of this report has been so obtained, unless directly otherwise stated, in accordance with current UK guidance, law or accepted industry practice, including but not limited to: BS.5930: 1990 Code of Practice for Site Investigations (Amendment 3: 2015), & BS.10175: 2011 + A1: 2013 Investigations into Potentially Contaminated Sites. Exact exploratory locations will depend upon access conditions, site use and plant capability, IGL do not accept liability for issues arising from material identified between or outside of the area of exploratory locations.

Laboratory Testing

Unless stated otherwise within the text, all geotechnical and material laboratory tests have been performed in accordance with the relevant British Standard Documents. Laboratory testing for contaminated land assessment is completed under the UKAS / MCERTS accreditation schemes, unless identified as otherwise in the report.

Human Health Risk Assessment Criteria

The Environment Agency has undertaken revision of the Soil Guideline Values (SGVs) which are partially complete. Where standards are available using the "new" approach, these have been utilised for correlative purposes. Where standards have not yet been revised, guidance following the "old" approach has been utilised. Please note that upon release of the remaining guidelines, the standards contained within this report may be subject to change. In addition, the second edition of the LQM CIEH guidance has now been released and will be utilised in favour of previously published guideline values.

Third Parties

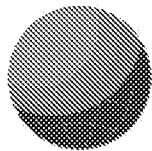
The findings and opinions conveyed in this report are based on information obtained from a variety of sources, including that from previous Site investigations and chemical testing laboratories. IGL has assumed that such information is correct. IGL cannot and does not guarantee the authenticity or reliability of the information it has relied upon and can accept no responsibility for inaccuracies with the data supplied by other parties.

The accuracy of the historical map extracts supplied can not be guaranteed and it should be noted that different conditions may have existed between mapping sheet editions. Therefore, there can be no certainty that all areas of contamination have been identified during the Phase 1 investigation.

Definitions

Reference to the word "contamination" in this report does not relate to the statutory definition of contaminated land under 1990 Environmental Protection Act unless otherwise stated. The definition used in this report is: "Land that contains substances that, when present in sufficient quantities or concentrations, are likely to cause harm, directly or indirectly, to man, to the environment, or on occasion to other targets" (NATO CCMS, 1985).

IGL 2019



1.0 INTRODUCTION

Impact Geotechnical Ltd (IGL) were instructed by GD Concepts Limited (the Client) (Q19.132, dated July 2019), to carry out a Phase 1: Environmental Risk Assessment Report at Merry England Nurseries, Dappers Lane, Angmering, BN16 4EN (hereafter referred to as the "site").

The site is an 'L' shaped parcel of land, the southwest corner of which is occupied by a residential property, the remainder is used for stabling of horses; however disused light industrial buildings are present in the centre of the site from historical use as a nursery.

The site will be developed into a new housing development complete with the following:

- Eighteen new 2- to 4-bed residential premises, inclusive of;
- Private gardens, garages and driveways; and
- New access roadways / pavements which will adjoin Dappers Lane at the west of the site area.

Proposed development plans can be viewed in **Appendix A**.

The client instructed IGL to undertake an environmental risk assessment to enable determination of the potential source – pathway – receptor linkages associated with the site and the surrounding environs in the current and historical context. This aids in the formulation of a suitable targeted Site Investigation in the future.

The purpose of this Environmental Risk Assessment was to provide information on:

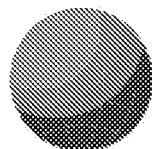
- The expected geology and hydrogeology;
- The development history and most recent uses of the site;
- Potential sources of contamination; and,
- To enable the development of a Conceptual Site Model (CSM) and risk assessment.

This report presents assessment of historical Ordnance Survey maps and published geological and hydrogeological maps, as well as information from various sources such as Envirocheck.

The report has been formulated in accordance with BS10175:2011:2013+A1 *Investigations into Potentially Contaminated Sites – Code of Practice* and CLR11 – *Model Procedures for the Management of Land Contamination*, and from Development control advice note 10 – Environmental Impact Assessment.

2.0 PHYSICAL SETTING

The following observations are taken from the Envirocheck report (**Appendix B**) and the British Geological Survey (BGS).



2.1 Geology and Hydrogeology

The Geology of Britain Viewer (BGS, 2019) indicates that the south western three-quarters of the site is underlain by Superficial Deposits of Head Deposits, overlying Bedrock Geology of the London Clay Formation.

The table below identifies the expected composition of the published strata and the associated aquifer classification.

Superficial / Drift Geology	
Unit Name	Head Deposit (shown over western three-quarters of site area)
Geology Description	Polymict deposit generally formed by clay, silt and gravel in variable proportions depending upon the composition of the upslope source and the distance to that source.
Aquifer Class	Secondary (Undifferentiated)
Aquifer Description	Assigned where it is not possible to attribute either category A or B to a rock type. In general, these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type. Two separate groundwater vulnerability classifications are listed for this aquifer, indicating a 'medium' combined vulnerability, with a 'Low' to 'Intermediate' Pollutant Speed. This is considered to reflect the presence of Chalk below this superficial deposit to the south of the site.
Bedrock / Solid Geology	
Unit Name	London Clay Formation
Geology Description	Heavy clays and weak mudstones, variability silty and sandy, particularly at the top and base of the succession.
Aquifer Class	Unproductive Strata.
Aquifer Description	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

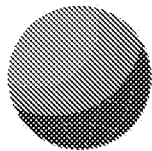
2.2 Geological Hazards

The British Geological Survey (BGS) has provided the available published Geological Hazard directory information for the study site. The information returned is displayed in the table below.

Hazard	Risk Level
Shrink Swell Clays	Low to Very Low
Collapsible Ground	Very Low
Landslides	Very Low
Running Sands	Very Low
Compressible Ground	Negligible
Ground dissolution of soluble rocks	Negligible

2.3 Radon

The site is in lower probability radon area, as less than 1% of homes are above the action level. As a result, no radon protective measures are necessary in the construction of new dwellings or extensions.



2.4 Hydrology

Surface Water Features – The nearest surface water feature is noted to be 53m north and from assessment of aerial images is noted to be a pond within a field associated with a private property.

OS Water Network Lines – There are 41no records within 1000m of the site, all relate to the Rother and Arun river network and are predominantly related to inland river entries. Two of these are within 250m, including an inland river 130m north 'on ground surface'; as well as an 'underground' inland River 218m northeast.

River Quality – One record exists 294m southeast for 'Black Ditch', dated 2000; this indicates river Quality 'D'.

BGS Groundwater Flooding Susceptibility – There is potential for groundwater flooding to property situated below ground level. Additionally there is a risk of groundwater flooding to occur at the surface indicated 4m south and 169m southeast. Note, this data should not be used in isolation as a final indicator of groundwater flooding susceptibility and risk at individual properties.

2.5 Controlled Waters

Groundwater Abstraction Licences – Within 2000m there are fifteen records, the closest of these is located 853m west for spray irrigation, no start or end date is provided, it is assumed that this is active. The closest abstraction for potable water supply is a joint agricultural / domestic license 1450m west; Southern Water PLC also have 2no licenses, which are considered active, for abstraction for public supply 1660m northwest.

Surface Water Abstraction Licences – There are four records within 2000m the closest is located 1833m southwest for spray irrigation and is considered to be active.

Source Protection Zones – The site is not situated within a Source Protection Zone, the nearest is located 884m north and is classified as a Zone 2c (outer protection).

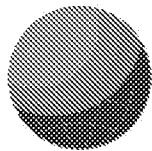
Groundwater Vulnerability and Soil Leaching Potential – On site is classified as having Low to intermediate leaching potential.

3.0 SITE LAYOUT AND ENVIRONS

3.1 Site Description

An attending engineer from IGL: completed a walkover survey of the northern area on 14th August 2019.

Site Address	Merry England Nursery, Dappers Lane, Angmering, West Sussex BN16 4EN
National Grid Reference	507330, 105060
Site Area	1.13 ha
Site Ownership	Private - Client
Site Access	Via a private driveway at the western elevation, this crosses a culverted (dry) ditch.
Site Boundaries	North – Wooden fence
	South – Wooden fence
	East – Wooden fence
	West – wire mesh fence and drainage ditch onto Dappers Lane.



Ground Cover	Soft landscaping (grass and overgrown shrubs, gravel driveway) – 85%
	Hardstanding (concrete slabs and building footprint) – 15%
Site Topography and Elevation	The site is relatively flat, but drops by approximately 1.6m from the northeast to the southwest; at an approximate elevation of 20mAOD.

The site is formed by a recumbent 'L' shaped plot, currently split between residential use and stabling / paddocks for equestrian activities. The residential use is limited to the southwest corner.

The existing two-storey residential house is situated to the immediate south of the site access road, which enters the site approximately half way along the western boundary. From inspection the house is fed by mains electricity and gas and is served by a septic tank, which is located to the immediate east of the property. A prefabricated type concrete domestic garage with (presumed) asbestos cement roof is located to the east of the house, and was observed to house predominantly discarded household fittings.

To the east of the garage is located a concrete slab associated with a demolished building, as evidence by cut steel columns at ground level. This area was noted to house a small amount of demolition material including bricks and broken (presumed) asbestos containing profile roofing board.

The gravelled access roadway leads to a portal framed light industrial building of approximate 10m x 20m dimensions, this has blockwork riser walls and is clad in (presumed) asbestos cement profile sheeting. The building is laid with a concrete slab throughout and is currently used as storage for one vehicle, a plant trailer and some hand tools associated with a construction business. This building also contains various items which are expected to have been associated with the former use of the site as a nursery including tooling, timber, fertilisers, pesticides, Rodenticides as well as clerical equipment.

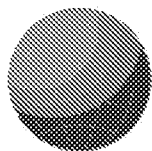
The building contains a vehicle inspection pit at the eastern end, which is presumed to have been used for maintenance of equipment for the nursery. Upon adjacent wooden shelving various, predominantly empty, engine oil and lubricant canisters of up to 10l are located. A waste oil container, within a wooden box, upon newspaper comprising a plastic 5gl drum is present adjacent to the inspection pit. Any hydrocarbon staining to the concrete slab around the oil storage area or inspection pit was very minor.

A further garage / storage building is located immediately adjacent east to the latter, of blockwork construction with a (presumed) asbestos containing profile sheet roof. No access to this building was afforded during the walkover.

A cluster of 7no single storey stables / sheds are located east of this shed, used for the stabling of horses or storage of associated equipment / materials. Three of these buildings are formed by repurposed box van containers. These stable buildings and the shed are observed to be sited upon concrete slabs, which are observed to be in good condition, where it was possible to inspect.

The remaining site area is laid to grass, separated into paddocks, with the southwest corner used as the residential garden to the house, also a square area along the eastern boundary is laid to overgrown grass and shrubs. This area is also noted to contain a collection of metal and plastic detritus, as well as some limited evidence of bonfire activity.

Limited discrete areas of discarded materials, predominantly wood (including discarded propane bottles, metal and plastic are noted to the immediate north of the eastern end of the access road and at the western end of the site, again to the north of the access road.



3no empty 25gl oil barrels are noted beneath a tree along the northern elevation of the site, it is understood from the current owner that these have been insitu since the previous occupier was resident; it is considered most likely that these were used for equestrian props, rather than a fuel source, given their location next to a former sand paddock.

Mature trees are noted along the western elevation, the southwest elevation and along the flanks of the access road, predominantly of Beech variety. The residential garden includes sporadic trees of Apple, Cherry Laurel, Chestnut and Magnolia varieties.

3.2 Surroundings

The setting is of mixed land use; beyond the western elevation is dominated by residential properties, beyond the eastern is agricultural land. The northern boundary, at the western end flanks a residential house (Greenaways) and also adjoins a small holding growing vegetables, as well as a horse paddock.

To the south west is a further horse paddock with a residential dwelling beyond. The southeast corner flanks a builder's yard which is partly occupied by a paving company. This includes storage containers and several heaps of waste paving materials and soils. The south-eastern corner flanks the gable end frame of a former glasshouse.

Photographs relating to the observations made during the walkover can be viewed within **Appendix C**.

3.3 Potential Sources of Contamination Identified During Walkover Survey

Contaminant sources considered to present a potential risk to the site are detailed in the table below.

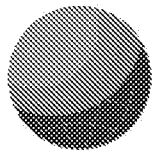
Potential Sources of Contamination Considered a Risk to the Site	
Feature	Location
Use of lubricant oils and inspection pit area of shed building for equipment repairs	Centre of site, at the eastern / southeastern portion of the shed building.
Discarded materials including metals and plastics, evidence of bonfire activity.	Predominantly along central access roadway and within area of shrub / scrub at eastern boundary. Oil barrels at northern elevation. Masonry rubble adjacent to residential garage.
Asbestos Containing materials	Multiple buildings with profile sheet roofs. Discarded profile sheeting adjacent to residential garage.
Offsite builders' yard	Southeast corner.

4.0 HISTORICAL MAPPING RECORDS AND HISTORICAL CONTAMINATIVE SOURCES

4.1 Historical Map Records

The following observations are made based on the available historical map extracts presented in Appendix B of which the most significant points have been discussed in relation to the site and surrounding environs. Note, potential contaminative sources over 500m have been discussed only where they are considered to be significant.

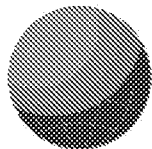
Mapping Date Range	Observations
1876 to 1938-1943	<u>Onsite</u> : The site forms part of a larger field which is assumed to be of agricultural use, extending to New Barn and an associated access road 75m east and water lane ~120m south. The western



	boundary is formed by Dappers Lane and is marked by a line of trees and a drain. A drain approx. 100m north forms the northern field boundary. <u>Surroundings:</u> Predominantly an agricultural setting, with Angmering village situated 750m southwest. Woodland / heathland areas are noted to be present at 250m north (Poling Furzefields), 500m east (Groom's Copse) and 650m northeast (Ecclesden Common). A pond is noted 175m north within the adjacent field. A Gravel pit is noted ~270m south on Dappers Lane on the 1938-1943 map sheet; additionally a large glasshouse is noted ~200m southwest associated with Landsdowne Nursery, with Hawthorne nursey located approximately 200m west. The former Gravel pit in the centre of Angmering is noted to be developed as housing on the 1938-1943 map.
1962-1985	<u>Onsite:</u> Within the period 1962-1979 the site is developed with Merry England Nursery, on boundaries congruent with the current layout. An access track now enters the western boundary and extends across approximately one third of the site. 7no buildings are shown to the south of the access track, the westernmost two of which are considered to be representative of the current house. A line of 6no glasshouses of varying size are located in the central / northern portion of the site, with a larger glasshouse located within the central / southeastern portion. After 1979, the southern glasshouse is reconfigured and made slightly smaller by removal of the western edge, with a further two glasshouses constructed in the northern half of the site, extending to the northeast corner. A new stepped field boundary is present to the southeast corner. An additional building is shown in the area to the south of the (assumed) house, it is further noted that the site is listed as 'Chota Kati' in 1979. <u>Surroundings:</u> A new residential property was constructed within the plot to the northwest. Further nurseries have been established to the north (Culberry Nursery) and South (Crete Nurseries, Two Acres and St Deny's Farm). Appletrees which is presumed to be a nursery is established immediately to the northwest and subsequently becomes a cul-de-sac housing development in approximately 1976-1977. Significant housing development occurs from 200m to 750m west / southwest. Landsdowne and Hawthorne Nurseries are no longer noted after 1976. The gravel pit ~270m south is no longer noted after 1976. The pond to the north of the site is no longer present after 1971.
1994-2000	<u>Onsite:</u> The buildings onsite have been reconfigured including the demolition of several of the outbuildings and construction of rectangular buildings which are considered to be congruent with the two shed buildings now on site. The glasshouse in the northeastern corner is now the only which remains. <u>Surroundings:</u> A new building is noted at the southeast elevation, this is considered to be a glasshouse based upon observations on site. Within 500m of the site two new farms are noted to the north; a new Motor Racing Circuit is noted at 250-500m to the northeast, together with an embankment which is noted to be the car park for this feature on recent mapping.
2019	<u>Onsite:</u> The building at the northeast is no longer present, however the detail of the map is somewhat limited. <u>Surroundings:</u> Slight further residential expansion is noted to the south of the site. A new bypass road has now been constructed approximately 500m to the southwest.

4.2 Relevant Historical Sources of Contamination

Potential Sources Considered a Risk to the Site	
Feature	Justification
Onsite, development of buildings, potential for Made Ground	Various phases of development during the 20 th Century including demolition of several buildings/ structures on the site.
Onsite Nurseries.	Commercial use of the site for food production presents a risk of heavy metals and pesticides.
Potential Sources Not Considered Further	
Feature	Justification
Offsite nurseries	Offsite location and low contamination potential.



Infilled Pond	Small feature size, distance to site, low contamination potential.
Various infilled / disused mineral workings	Distance to site.

5.0 PUBLIC RECORD INFORMATION

5.1 Envirocheck Public Record Search

The following information has been obtained from public archive via the data supplier Envirocheck or by direct application. The full Envirocheck report is presented in **Appendix B**. Note, potential contaminative sources over 500m have been discussed only where they are considered to be significant.

Discharge Consents – There are 20no. records within 1000m of the site. The closest record is detailed as active and located 5m west for treated sewage discharge into a tributary for Black Ditch, which is assumed to be the drainage ditch at the western elevation of the site. Two further entries are listed within 250m of the site boundary, 100m Northwest and 130m South, both relate to discharge of final treated effluent from domestic properties.

Local Authority Pollution Prevention and Controls – Three records exist between 646-652m Southwest and relate to waste oil burners (less than 0.4MW net rated thermal input), as well as vehicle respraying at Motor mechanical workshops. None of these permits remain active.

Local Authority Pollution Prevention and Control Enforcements – Two records, related to unspecified Air Pollution Control Enforcement Notices, are listed at 646m southwest and are assumed to be related to the former BMW garage which previously held licenses for vehicle respraying and oil burning. The enforcement notices date from April 2000 and May 2001.

Pollution Incidents to Controlled Waters

There are three records noted within 1000m of the site boundary however all are over 250m distant. The closest is a Category 2 – Significant Incident caused by natural sources, with no pollutant identified on 8th August 1999 396m south.

Licensed Waste Management Facility

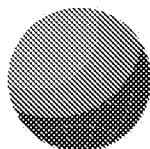
Two records exist within 1000m, the closest is at 724m west and related to end of life vehicles licenced for the period July 2004 – June 2014. The other record is at 737m west is also for End of Life Vehicles and is considered to be active, with a license commencement date of June 2004.

Registered Landfill Sites / Local Authority Recorded Landfill Sites

One record exists for each of these categories, which are considered to be representative of the same feature and are located 253-297m northeast. This relates to a facility which accepted inert wastes such as building rubble and soils operated by John Jones (Excavation) Ltd. The license date is May 1994, and is no longer considered active as the record indicates that the completion certificate has been surrendered.

Contemporary Trade Directory – There are 53no. entries within 1000m of the site boundary, 27no. of which are within 250m. Details of trades within 100m are listed below:

- Glass Fibre Moulding, Door manufacturers, Industrial Engineers (all inactive) and Garage Services (active); all 56m South.
- Garage Services, Brake & Clutch Service Centre, Car Body Repairs, Car Breakers and Dismantlers (All inactive) and Blacksmiths and Forgemasters (active); all 66m north.



- Distribution Services (inactive) 67m Northwest.
- Refrigerators and Freezers – Servicing and Repairs (inactive) 77m Southwest.
- Car body repairs (active) 80m Southeast.

Ancient Woodland – There is one record 406m East, which is listed as Ancient and Semi-Natural Woodland, a name is not supplied, however this is considered to be Grooms Copse based on the historic map record.

5.2 Potential Sources of Contamination – Public Record Search

Potential Sources Not Considered Further	
Feature	Justification
Discharge Consents – 5m west, 100m northwest and 130m south.	Low contamination potential and latterly distance to the site.
Landfill site – 253-297m northeast.	Low contamination potential (inert fill), and distance to site boundary.
Pollution Prevention and Controls (as well as enforcements), Pollution incidents to Controlled Waters, Licensed Waste Management Facilities.	Primarily distance to site for all features, however time since event / license revocation is also a mitigating factor.
Active Garage Services 56m north.	Limited size of operation and therefore low contamination potential, also over 50m distant from site.
Remaining Contemporary Trade Entries	Many are no longer active, also all are over 50m from the site and have low contamination potential.

6.0 PRELIMINARY CONCEPTUAL SITE MODEL & CONTAMINATION RISK ASSESSMENT

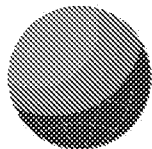
The Conceptual Site Model (CSM) has been formulated in accordance with BS 10175:2011+A1:2013. It is used to assess the significance of the environmental hazards identified at the site, the potential receptors and the pathway between them.

6.1 Potential Sources

Location	Source No.	Details
On site	1	Use of lubricant oils and inspection pit area of shed building for equipment repairs. Contaminants of concern include Heavy metals and Hydrocarbons.
	2	The potential for Made Ground onsite, including areas of former development and those areas which have been subject to tipping of discarded materials including metals, gas bottles, masonry rubble and asbestos containing materials. Contaminants of concern include Heavy metals and Hydrocarbons and asbestos.
	3	Historical use of the site as a nursery. Contaminants of concern include heavy metals and pesticides.
Off site	4	Off site builders' yard. Potential contaminants of concern include heavy metals, hydrocarbons, asbestos.

6.1.1 Potential for Ground Gas / Soil Vapour Generation

An assessment of the likely risk of soil gas and VOC generation which may pose a risk to the site has been conducted in accordance with BS8576: 2013 'Guidance on investigations for ground gas – Permanent gases and Volatile Organic Compounds (VOCs)' and CIRIA C665 'Assessing risks posed by hazardous ground gases to buildings'.

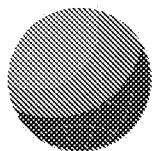


The following points are pertinent with regard to the potential generation of ground gas and soil vapour at the site:

- Made Ground may be present, but is likely to be associated with foundations to low rise buildings only, suggesting that gas generation is possible but not likely;
- Possible on-site hydrocarbon sources mean there is the potential for soil vapour; and
- The natural geology is not likely to produce significant quantities of soil gas, furthermore there are no documented infilled areas of land which are likely to affect the site.

6.2 Receptors

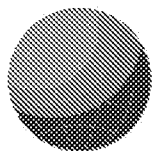
- End Users – Visitors, users and potential maintenance workers of the proposed development.
- Site Workers (during development) – There is the potential of exposure to contaminated soils, ground gas and soil vapour especially during groundworks.
- Proposed Development – Ground gas and vapour from impacted soils that may accumulate in confined, poorly ventilated areas of the proposed buildings.
- Services – Any buried services installed for the proposed development.
- Groundwater –Secondary (Undifferentiated) superficial and bedrock aquifers underlying the site.
- Surface water – whilst the nearest water feature is approximately 50m north, the drainage ditch at the western end of the site is noted to be a tributary to Black Ditch and should be considered a potential receptor.



6.3 Preliminary Conceptual Site Model

The Preliminary CSM has been formulated to provide information regarding the possible sources of contamination that may impact the site, the pathway in which the contamination can migrate, and any vulnerable receptors, all of which need to be present for there to be a risk.

Source	Pathway	Receptor	Likelihood	Potential Risk
1. Use of lubricant oils and inspection pit area of shed building for equipment repairs. Contaminants of concern include Heavy metals and Hydrocarbons.	Inhalation, ingestion and dermal contact from exposure to contaminated soils.	End Users	Possible	Moderate
		Site workers (during development).	Possible	Low
	Impacted Soils.	Services	Possible	Low
	Volatilisation of hydrocarbons in underlying soils and groundwater to indoor and/or outdoor air.	End users and proposed development.	Unlikely	Negligible / Low
		Site workers (during development).	Unlikely	Low
	Infiltration and migration of contaminants through the underlying geology.	Superficial Secondary (Undifferentiated) Aquifers underlying the site.	Possible	Low
	Direct runoff and base flow.	Surface Water – Ditch at western elevation	Unlikely	Negligible
Discussion of Risks				
The limited extent in terms of volume of potential contaminants and spatial extent of the hydrocarbon specific source is significant, reducing the risks posed to the groundwater, surface water and buried services receptors. Whilst the residential enduser is a sensitive receptor the spatial extent of the source is small and much of the area affected is proposed to be either building footprint or pavement. The limited exposure time of site workers and maintenance works reduces the risk to these receptors, albeit that they are more likely to be indirect contact with contaminated soils.				
Proposed Actions				
Excavate exploratory hole in the vicinity of the inspection pit / oil storage at the southern elevation of the shed building. Depending upon observations and the results of laboratory testing, it may be necessary to install a monitoring well to assess soil vapours / groundwater contamination.				



Source	Pathway	Receptor	Likelihood	Potential Risk
2. The potential for Made Ground onsite, including areas of former development and those areas which have been subject to tipping of discarded materials including metals, gas bottles, masonry rubble and asbestos containing materials. Contaminants of concern include Heavy metals and Hydrocarbons and asbestos.	Inhalation, ingestion and dermal contact from exposure to contaminated soils.	End Users	Likely	Moderate
		Site workers (during development).	Possible	Moderate
	Impacted Soils.	Services	Possible	Moderate
	Volatilisation of hydrocarbons in underlying soils and groundwater to indoor and/or outdoor air.	End users and proposed development.	Unlikely	Low
		Site workers (during development).	Unlikely	Low
	Migration of ground gas through the soil pores of the underlying geology.	End users and proposed development.	Unlikely	Negligible
		Site workers (during development).	Unlikely	Negligible
	Infiltration and migration of contaminants through the underlying geology.	Superficial Secondary (Undifferentiated) Aquifers underlying the site.	Possible	Low
	Direct runoff and base flow.	Surface Water – Ditch at western elevation	Possible	Low

Discussion of Risks

The residential enduser is the most sensitive receptor and is likely to come into contact with potentially contaminated soils within the proposed private gardens, however it is considered that the contamination potential of the source is relatively minor. This limited contamination potential also greatly reduces the risk to the surface water. The lack of potable water abstractions reduces the risk to the groundwater. Whilst there is the potential for Made Ground, the extent is expected to be minor and the probability of hydrocarbons is low, reducing the risk of ground gas and soil vapour.

Proposed Actions

Excavated exploratory holes specifically in the areas of discarded waste materials and complete a series of excavations to assess the extent of Made Ground, with particular attention to proposed private gardens.

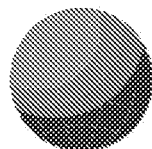
Source	Pathway	Receptor	Likelihood	Potential Risk
3. Historical use of the site as a nursery. Contaminants of concern include heavy metals and pesticides.	Inhalation, ingestion and dermal contact from exposure to contaminated soils.	End Users	Likely	Moderate
		Site workers (during development).	Possible	Low
	Impacted Soils.	Services	Possible	Low
	Infiltration and migration of contaminants through the underlying geology.	Superficial Secondary (Undifferentiated) Aquifers underlying the site.	Possible	Low
	Direct runoff and base flow.	Surface Water – Ditch at western elevation	Possible	Low

Discussion of Risks

The contamination potential is considered to be low from this source and this greatly reduces the risks, in addition the nursery appears to have been inactive for some time. Nevertheless the sensitivity of the residential enduser should be considered.

Proposed Actions

Complete a series of excavations to assess the extent of Made Ground, with particular attention to proposed private gardens and those areas of the previous glasshouses. Laboratory testing for pesticides and heavy metals.



Source	Pathway	Receptor	Likelihood	Potential Risk
4. Off site builders' yard. Potential contaminants of concern include heavy metals, hydrocarbons, asbestos.	Inhalation, ingestion and dermal contact from exposure to contaminated soils.	End Users	Possible	Low
		Site workers (during development).	Unlikely	Negligible
	Impacted Soils.	Services	Unlikely	Negligible
	Volatilisation of hydrocarbons in underlying soils and groundwater to indoor and/or outdoor air.	End users and proposed development.	Unlikely	Negligible
		Site workers (during development).	Unlikely	Negligible
	Infiltration and migration of contaminants through the underlying geology.	Superficial Secondary (Undifferentiated) Aquifers underlying the site.	Possible	Low
Discussion of Risks				
The off site location of the source reduces the risk significantly, additionally the contamination potential posed by the activities, which are predominantly associated with paving, is considered to be low. The risk to residential endusers in private gardens and the groundwater is possible but not considered significant.				
Proposed Actions				
Excavate at least one exploratory hole near the boundary with the builder's yard to assess any impact by contaminants of concern.				

Negligible Risk	Defined as: the site should be considered suitable for the present or future use and environmental setting. Contaminants unlikely to be present, which might have unacceptable impact on key targets.
Low Risk	Defined as the site should be considered suitable for the present or future use and environmental setting. Contaminants may be present but unlikely to have unacceptable impact on key targets.
Moderate Risk	Defined as the site may not be suitable for the present or future use and environmental setting. Contaminants are probably present and might have unacceptable impact on key targets.
High Risk	Defined as the site is probably or certainly not suitable for the present or future use and environmental setting. Contaminants are probably or certainly present and likely to have unacceptable impact on key targets.

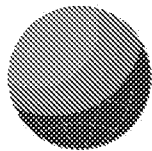
7.0 CONCLUSIONS

The proposal for the site includes the demolition of the existing structures and the construction of 18no new two-storey residential properties with associated private gardens, access pavements and driveways.

The site was developed as a commercial nursery during the late 1930s and appeared to operate as such until the late 20th century, including several minor reconfigurations. The surroundings have a similar development history with sites to the north, south and west formerly nurseries, with residential development becoming more prevalent over the past 50years. The site to the south east has been used as a builders' yard recent.

Currently the plot is used as a residential premise in the southwest corner, with the remainder used for stabling horses, however disused shed buildings associated with the former use are present in the centre of the site.

The most significant Source-Pathway-Receptor linkages relate to the risk to the residential endusers posed by the potential for Made Ground soils (including) discarded materials onsite and, the previous use and storage of oils and lubricants and the historical use of the site as a commercial nursery / glasshouse. These are considered to present a moderate potential risk.



Moderate potential risks are also considered for site workers and to buried services due to possible contamination in Made Ground soils and from discarded materials around the site, including asbestos containing materials.

It is considered that a Phase 2: Site Investigation should be conducted to quantify the potential risks identified in the CSM.

An adjacent site has been indicated to have a risk of flooding to property at ground level. It would be considered prudent to undertake a standalone flooding risk assessment report to fully quantify the risk to the site.

8.0 RECOMMENDATIONS

8.1 Proposed Site Investigation

In accordance with Section 7.0, an intrusive Site Investigation is required to assess the potential pollution linkages identified in the Preliminary Conceptual Site Model (CSM). The investigations considered necessary to assess these potential risks are detailed below.

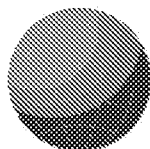
The purpose of the investigation would be to quantify the potential pollutant linkages determined with the Preliminary CSM. In particular the risks to the residential enduser, site workers and buried services should be determined from the potential onsite Made Ground, the neighbouring builders' yard and the former use of the site as a nursery. Targeted investigations are also necessary to quantify the risks associated with the storage of oils and maintenance of vehicles / plant within the shed on site.

Adequate coverage of the site should be achieved through a combination of advancing boreholes and excavating trial pits. Wherever possible exploratory holes should target proposed private gardens; specific investigation should be located adjacent to the oil storage area, discarded materials, and the south east boundary.

The potential for ground gas generation, including release of Volatile and Semi-Volatile Organic Compounds (VOCs/SVOCs) is considered to be low to negligible. As a result soil gas monitoring is currently not considered to be necessary, pending further investigations.

The potential risk to the underlying Secondary (Undifferentiated) aquifer is considered to be low. As a result, groundwater analysis is not considered to be necessary at this stage. This recommendation should be reviewed upon the completion of the intrusive investigation on the basis of the extent and severity of soil contamination, or direct evidence of groundwater contamination that may be observed.

The investigation regime has been devised in accordance with BS 10175:2011+A1:2013 *Guidelines for the Code of Practice for Contaminated Land* and CLR Report No.4 *Sampling Strategies*.



Targeted Investigations	
Investigation Required	Purpose(s)
Window sample / trial pit adjacent to the oil storage and vehicle inspection pit area.	Collect representative soil samples. Assess visual / olfactory evidence of contamination. Consideration given to installation of a monitoring standpipe in the event of evidence of contamination.
Trial pits / window samples adjacent to areas of discarded materials including metals, plastic and masonry; as well as evidence of previous bonfires	Collect representative soil samples. Assess visual / olfactory evidence of contamination.
At least 1no exploratory hole located on the southern boundary adjacent to the builders' yard	Collect representative soil samples. Assess visual / olfactory evidence of contamination. Consideration given to installation of a monitoring standpipe in the event of evidence of contamination.
Non-Targeted Investigations	
Investigation Required	Purpose(s)
A series of approximately 10-12 further exploratory positions to gain site coverage, including areas of proposed garden and former glasshouse	To provide sufficient coverage of site area and assess presence / composition of Made Ground soils. Collect representative soil samples. Assess visual / olfactory evidence of contamination.

8.1.1 Analysis

Analysis of soil samples will be required in order to determine the completeness of the potential pollutant linkages identified in the Preliminary Conceptual Site Model. Based on the contaminants of concern identified, the following testing regime is considered appropriate for a selection of recovered samples.

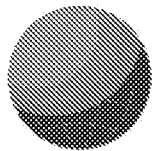
Material	Chemical Testing Required
Made Ground	Heavy metals, Water Soluble Sulphate, speciated Total Petroleum Hydrocarbons (TPH – aliphatic and aromatic C ₅ – C ₄₀), speciated PAH, BTEX, MTBE, pH, Soil Organic Matter and Asbestos Screen. Screen for pesticides in areas of former glasshouses.
Natural Soils	Heavy metals, speciated Total Petroleum Hydrocarbons PAH, pH and Soil Organic Matter.
Groundwater Samples (if required)	Heavy metals, speciated Total Petroleum Hydrocarbons (TPH – aliphatic and aromatic C ₅ – C ₄₀), speciated PAH, BTEX, MTBE, pH.

Samples should be taken in glass jars or plastic tubs (dependent on the exact laboratory requirements) and stored in a temperature-controlled environment before transit. Samples should be packed carefully into cool boxes with bubble wrap to ensure there are no breakages.

8.1.2 Guidance

Soil analytical results will be compared with published guidance criteria, using the relevant classification, widely referred to by consultants and Regulatory Authorities within the industry, and include the following:

- The UK Soil Guideline (SGVs) for selected metals, BTEX and phenols, produced by the EA and the Department of Environment, Food and Rural Affairs (DEFRA), 2009;



- Suitable 4 Use Levels (S4ULs) Generic Assessment Criteria (GAC) for 82no. contaminants developed by the Chartered Institute of Environmental Health (CIEH) in partnership with Land Quality Management Ltd (2015). It is anticipated that this screening criteria will be applied by the Local Authorities, but it should be noted that the CIEH S4ULs have not been issued through the EA or DEFRA;
- Provisional Category 4 Screening Levels (pC4SL) for lead, which have been produced by CL:AIRE (2014).

It should be noted that the above screening criteria is generally restricted to the top 1.00m of soil for direct contact exposure pathways. Volatile contaminants may present a risk to human health via the inhalation of vapours where they are present at depths greater than 1.00m.

8.2 Statutory Consultees

We would recommend that this report be forwarded to the relevant Statutory Consultees including the Local Council's Environmental Health and Planning Department to seek their comments and subsequent approval prior to works commencing on site

8.3 Specialist Assessments

Prior to demolition, it will be necessary to employ a specialist company to conduct a Demolition and Refurbishment Asbestos Survey, with appropriate methodology subsequently adopted to complete a strip of asbestos containing materials.

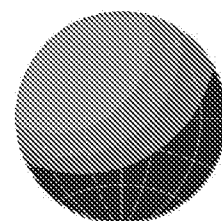
Evidence of the correct disposal of asbestos containing materials from the site should be retained, including waste carrier dockets for subsequent presentation to the local planning authority within a validation report.

APPENDICES

Appendix A – Site Plan

Appendix B – Envirocheck Report

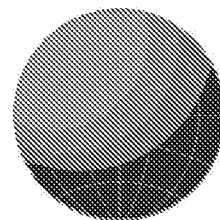
Appendix C – Photographic Log



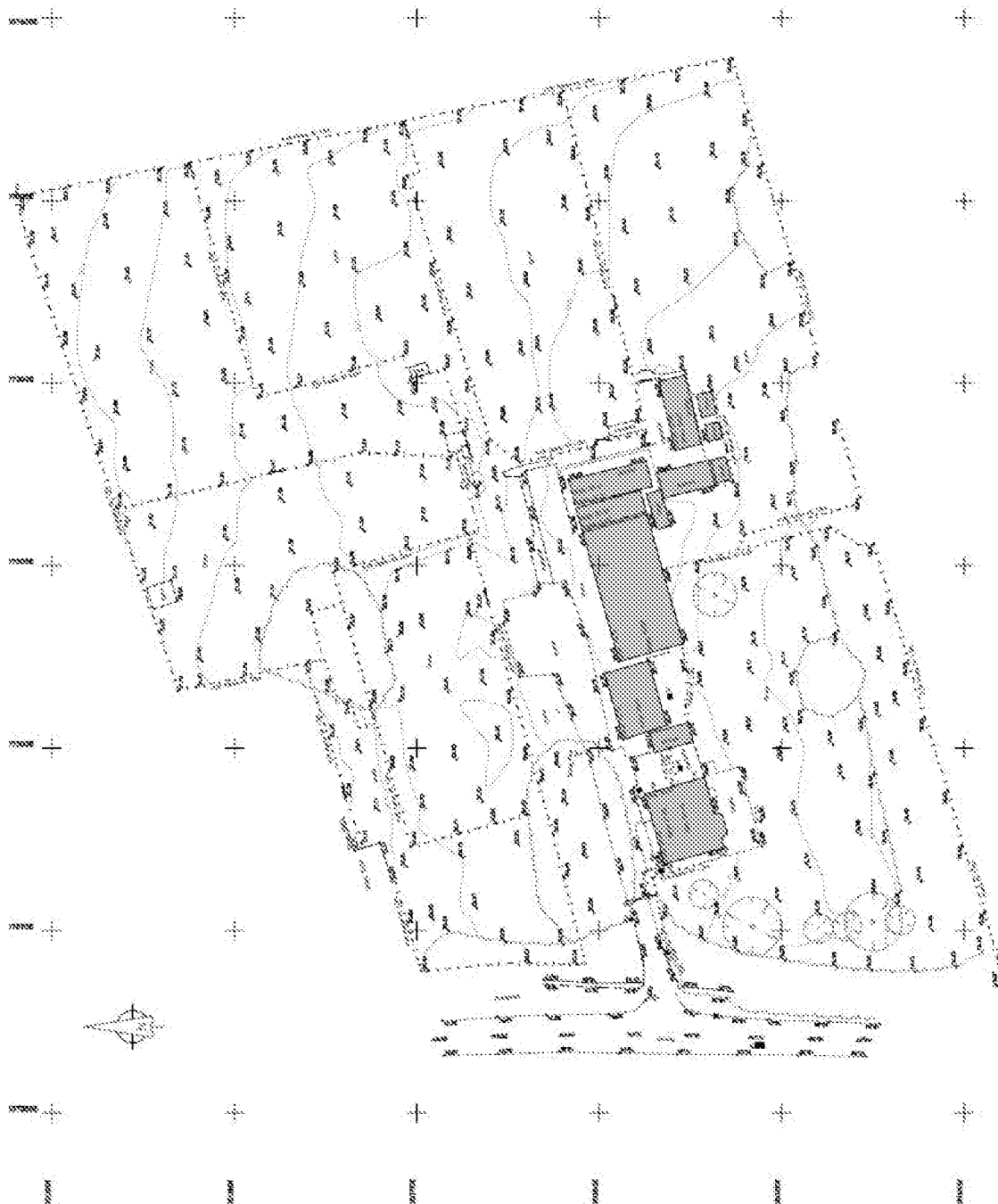
IMPACT
GEOTECHNICAL

APPENDIX A

Site Plan



IMPACT
GEOTECHNICAL



- Notes:
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 2. All dimensions must be checked on site prior to commencement of work.
 3. Where applicable this drawing is to be read in conjunction with other consultants drawings.
 4. This drawing is the copyright of Impact Geotechnical Ltd.

Drawing Title:

Existing Plan

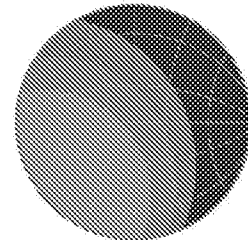
Site Name:

Merry England

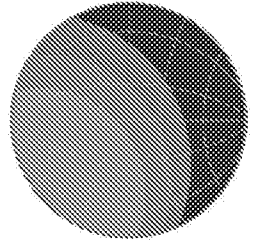
Project Reference:

P19.117

Revision: 0
Drawn by: GC
Scale: Not to Scale



IMPACT
GEOTECHNICAL



IMPACT
GEOTECHNICAL

Site Name:

Merry England

Drawing Title:

Proposed Plan

Revision: 0
Drawn by: GC
Scale: Not to Scale

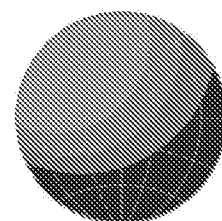
Project Reference:
P19.117

Notes:

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APPENDIX B

Envirocheck Report



IMPACT
GEOTECHNICAL

Envirocheck® Report:

Datasheet

Order Details:

Order Number:

214069367_1_1

Customer Reference:

P19.117

National Grid Reference:

507330, 105060

Slice:

A

Site Area (Ha):

1.13

Search Buffer (m):

1000

Site Details:

Merry England Nursery, Dappers Lane

Angmering

LITTLEHAMPTON

BN16 4EN

Client Details:

Mr G Carter

Impact Geotechnical Ltd

26 Anmore Road

Denmead

Waterlooville

Hampshire

PO7 6NP

Prepared For:

GD Concepts Limited

Basepoint

Little High Street,

Shoreham-By-Sea

West Sussex

BN43 5EG

Report Section	Page Number
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Data Currency	28
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Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		3	2	15
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 7				3
Local Authority Pollution Prevention and Control Enforcements	pg 7				2
Nearest Surface Water Feature	pg 7		Yes		
Pollution Incidents to Controlled Waters	pg 7			2	1
Prosecutions Relating to Authorised Processes					
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				1 (*18)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 13	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 13	2	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 13	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 14	Yes	n/a	n/a	n/a
Source Protection Zones	pg 14				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
OS Water Network Lines	pg 14		2	13	27

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 19				2
Local Authority Landfill Coverage	pg 19	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 19			1	
Registered Landfill Sites	pg 19			1	
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 20	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 20				1
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities	pg 20				1
Non Coal Mining Areas of Great Britain	pg 20		Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 20	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 22		27	2	24
Fuel Station Entries					
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 27			1	
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas	pg 27				1
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks	pg 27			1	
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 27				1
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	0	1	507329 105050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	0	1	507300 105000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (S)	4	1	507329 105000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	169	1	507500 104900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	258	1	507650 105000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	268	1	507000 105000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	272	1	507000 105100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	320	1	507329 105450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	339	1	507100 104700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	344	1	507329 104650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	356	1	507750 105050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	366	1	507550 104700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	394	1	507300 104600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	400	1	507750 104850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	403	1	507350 104600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	430	1	507450 104600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	434	1	506900 105300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (SE)	434	1	507600 104650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	444	1	507300 104550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	454	1	507750 104750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	478	1	506850 105300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	491	1	507850 104650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BCS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	494	1	507300 104500
1	Discharge Consents Operator: Mr Alan And Mrs Rudkin Blair Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) 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	A13NW (W)	5	2	507266 105072
2	Discharge Consents Operator: Mr & Mrs Adams Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) 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	A13NW (NW)	100	2	507270 105200
3	Discharge Consents Operator: Mr Anthony Perella Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) 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	A13SE (S)	130	2	507346 104882
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	A8NE (S)	420	2	507380 104590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Linkstone Construction Ltd. Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) 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: Land/Soakaway Environment: Receiving Water: Into Land Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	475	2	506930 104660
6	Discharge Consents Operator: Mr A F Mariner Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Furzeifield Farm Poling Furzeifield, Arundel Road, Hammerpot, West Sussex, Bn16 4? Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: P12097 Permit Version: 2 Effective Date: 21st December 2012 Issued Date: 21st December 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of Black Ditch Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	514	2	506800 105280
6	Discharge Consents Operator: Mr A F Mariner Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Furzeifield Farm Poling Furzeifield, Arundel Road, Hammerpot, West Sussex, Bn16 4? Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: P12097 Permit Version: 1 Effective Date: 24th May 2004 Issued Date: 24th May 2004 Revocation Date: 20th December 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib 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	A12NE (NW)	514	2	506800 105280
7	Discharge Consents Operator: Mr & Mrs P Holland Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) 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	A9NW (SE)	682	2	507750 104450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: John Lower Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) 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	A9NW (SE)	693	2	507770 104450
7	Discharge Consents Operator: John Lower Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) 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: Land/Soakaway Environment: Receiving Water: Into Land Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	712	2	507790 104440
8	Discharge Consents Operator: Southern Water Services Ltd Property Type: Not Given Location: Aylesford Sewage Disposal, AYLESFORD, Kent Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: PP38/18 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 1st April 1991 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Treated Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NW (N)	763	2	507300 105890
9	Discharge Consents Operator: Active Pump Services Limited Property Type: FOOD+BEVERAGE SERVICES/CAFE/RESTAURANT/PUB Location: The Fox Public House Arundel Road, Patching, ., West Sussex, BN13 3uj Authority: Environment Agency, Southern Region Catchment Area: The River Arun Reference: Eprfp3522xb Permit Version: 1 Effective Date: 27th October 2010 Issued Date: 27th October 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwaters Via Soakaway Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	798	2	507858 105766

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: Mr Lewis Property Type: WATER TRANSPORT/SEA + INLAND 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: Land/Soakaway 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	A9SW (SE)	807	2	507870 104380
10	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	A9SW (SE)	807	2	507870 104380
11	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (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: 4th March 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	832	2	506780 104320
11	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Angmering Green, Angmering, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01771 Permit Version: 1 Effective Date: 7th February 1969 Issued Date: 7th February 1969 Revocation Date: 4th March 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	846	2	506770 104310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: Miss Sarah Goodall Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: Amenity Site & 1 Prop At Fox Rough, Selden Lane, Patching, West Sussex, Bn13 3ul Authority: Environment Agency, Southern Region Catchment Area: Langney Haven Reference: Eprbb3191vc Permit Version: 1 Effective Date: 10th July 2014 Issued Date: 10th July 2014 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of Black Drain Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18NE (N)	913	2	507603 106014
13	Discharge Consents Operator: Mr Peter John Gayler Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Southview Hammerpot Angmering Southview, Hammerpot, Angmering, Littlehampton, West Sussex, Bn16 4eu Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: P13208 Permit Version: 1 Effective Date: 16th October 2007 Issued Date: 16th October 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: 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	A17NW (NW)	944	2	506610 105750
14	Discharge Consents Operator: Mr J R Hall Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: The Old Cottage, Hammerpot, Angmering, West Sussex, Bn16 4fu Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: P04787 Permit Version: 1 Effective Date: 23rd April 1993 Issued Date: 23rd April 1993 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	A17NW (NW)	951	2	506650 105800
15	Discharge Consents Operator: Mr N Christian Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) 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	A15SW (E)	984	2	508350 104800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	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: 1869 Dated: 13th December 1995 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A7NE (SW)	646	3	506925 104447
16	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: 1870 Dated: 4th November 1991 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A7NE (SW)	646	3	506925 104447
17	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: 1867 Dated: 15th February 1992 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation certificate surrendered by operator Positional Accuracy: Automatically positioned to the address	A7NE (SW)	652	3	506757 104590
18	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	A7NE (SW)	646	3	506925 104447
18	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	A7NE (SW)	646	3	506925 104447
	Nearest Surface Water Feature	A13NE (N)	53	-	507355 105180
19	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	A8NW (S)	396	2	507300 104600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Hambrook At, NUTBOURNE Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Vehicle Washings And De Waxing Note: Grey Discolouration Incident Date: 23rd June 1992 Incident Reference: 452 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	A19SW (NE)	475	2	507770 105400
21	Pollution Incidents to Controlled Waters Property Type: Other Transport Location: A27 At Hammerpot, ARUNDEL Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: R T A Involving Chemicals; Road (Road Traffic Accident) Incident Date: 15th March 1995 Incident Reference: 1253 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial Chemicals Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	575	2	507450 105700
	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	A13SE (SE)	294	2	507480 104749
22	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	A12NW (W)	853	2	506420 105140
	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	A3NW (S)	1181	2	507140 103820

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A3NW (S)	1277	2	507030 103740
	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	A3NW (S)	1282	2	507030 103735
	Water Abstractions Operator: Mr K Langmead Licence Number: 10/41/414103 Permit Version: 100 Location: Decoy Cottage Poling 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: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th October 1980 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16SW (W)	1450	2	505870 105450
	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	A3SE (S)	1490	2	507540 103530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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 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 10m	A10SW (SE)	1496	2	508580 104120
	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	A10SW (SE)	1502	2	508580 104110
	Water Abstractions Operator: Southern Water Services Ltd Licence Number: 10/41/310210 Permit Version: 101 Location: Angmering Ps Point 2 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th December 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22NW (NW)	1660	2	506400 106500
	Water Abstractions Operator: Southern Water Services Plc Licence Number: 10/41/310210 Permit Version: 100 Location: Angmering Ps Point 2 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th January 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22NW (NW)	1660	2	506400 106500

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: 31st March 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1NW (SW)	1781	2	505870 103890
	Water Abstractions Operator: Roundstone Garden Centre Ltd Licence Number: 10/41/310106 Permit Version: 101 Location: Roundstone Nursery Authority: Environment Agency, Southern Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th May 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1794	2	507640 103240
	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	(S)	1794	2	507640 103240
	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: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(SW)	1833	2	505620 104190

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Rustington Golf Centre Ltd Licence Number: 10/41/414021 Permit Version: 101 Location: Black Ditch At Ham Manor Farm Rustington Authority: Environment Agency, Southern Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map. Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(SW)	1833	2	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	(SW)	1833	2	505620 104190
	Water Abstractions Operator: Rustington Golf Centre Ltd Licence Number: 10/41/414021 Permit Version: 100 Location: Black Ditch At Ham Manor Farm Rustington Authority: Environment Agency, Southern Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): 1500 Yearly Rate (m3): 2500 Details: See Licence Map. Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 4th July 1996 Permit End Date: 31st December 2001 Positional Accuracy: Unknown	(SW)	1833	2	505620 104190
	Water Abstractions Operator: F W Longhurst & Son Ltd Licence Number: 24/066 Permit Version: 100 Location: Old Place Farm 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: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1942	2	505370 104580

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: F W Longhurst & Son Ltd Licence Number: 24/066 Permit Version: 100 Location: Old Place Farm Authority: Environment Agency, Southern Region Abstraction: General Agriculture. Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1942	2	505370 104580
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SW (NE)	0	4	507329 105058
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A13SW (S)	0	4	507329 105000
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SE (NE)	0	4	507331 105059
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	A13SW (NE)	0	4	507329 105058
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	A13SW (S)	0	4	507329 105000
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (S)	0	4	507329 105000
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (NE)	0	4	507329 105058

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (S)	0	4	507329 105000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (NE)	0	4	507329 105058
23	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone IIc (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater - subsurface activity only.	A18NE (N)	884	2	507370 106015
	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				
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (NE)	130	5	507446 105239
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (NE)	218	5	507555 105253
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 165.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (NE)	257	5	507592 105268
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 254.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18SW (N)	307	5	507243 105409
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 291.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SE (SE)	321	5	507497 104727
29	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 90.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SE (SE)	323	5	507657 104844

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 164.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18SE (N)	333	5	507391 105463
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SE (SE)	335	5	507652 104819
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SE (SE)	336	5	507652 104817
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14SW (SE)	372	5	507734 104881
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	374	5	507412 104647
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 354.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14SW (SE)	379	5	507739 104875
36	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 15.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	390	5	507391 104625
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 179.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	395	5	507387 104609
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 544.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NW (S)	407	5	507227 104589

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 231.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18SW (NW)	605	5	507044 105653
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14SE (E)	652	5	508044 104982
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14SE (E)	654	5	508046 104982
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SW (NE)	669	5	507803 105645
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 350.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SW (NE)	684	5	507972 105464
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (W)	685	5	506584 105046
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14NE (E)	700	5	508063 105255
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SE (NW)	742	5	506813 105665
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14NE (E)	779	5	508172 105073

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 315.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14NE (E)	789	5	508181 105081
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 287.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14NE (E)	816	5	508171 105308
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 336.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7SE (SW)	834	5	506780 104318
51	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	859	5	507270 105983
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	860	5	507207 105973
53	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	860	5	507207 105973
54	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 56.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	860	5	507213 105975
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 413.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	860	5	507286 105986
56	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 20.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	864	5	507179 105971

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 322.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	868	5	506584 105605
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	877	5	507161 105981
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	881	5	507068 105958
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 418.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	882	5	507027 105944
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	904	5	506490 105529
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 203.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	906	5	506486 105528
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17NW (NW)	924	5	506643 105755
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17NW (NW)	937	5	506625 105755
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 692.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A9SW (SE)	988	5	507734 104104

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	Licensed Waste Management Facilities (Locations) Licence Number: 10135 Location: New Place Nursery, Arundel Road, Angmering, West Sussex, BN16 4ET Operator Name: Macaree Stephen Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: End of Life Vehicles Licence Status: Surrendered Issued: 5th July 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 2nd June 2014 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (W)	724	2	506590 105320
66	Licensed Waste Management Facilities (Locations) Licence Number: 10134 Location: Unit 9, Arundel Road, Angmering, West Sussex, BN16 4ET Operator Name: Hills Colin Operator Location: Not Supplied Authority: Environment Agency - Southern Region, Sussex Area Site Category: End of Life Vehicles Licence Status: Expired Issued: 2nd June 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (W)	737	2	506580 105330
	Local Authority Landfill Coverage Name: Arun District Council - Has no landfill data to supply		0	6	507329 105058
	Local Authority Landfill Coverage Name: West Sussex County Council - Has supplied landfill data		0	7	507329 105058
67	Local Authority Recorded Landfill Sites Location: Dappers Lane, Angmering Reference: A/9/94 Authority: West Sussex County Council, Environment & Development Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable	A18SE (NE)	297	7	507500 105400
68	Registered Landfill Sites Licence Holder: John Jones (Excavation) Ltd Licence Reference: WSX/L 1/0096 Site Location: Dappers Lane, Patching, Worthing, West Sussex Licence Easting: 507500 Licence Northing: 105350 Operator Location: Norjon House, Newby Road, Hazel Grove, STOCKPORT, Cheshire, SK7 5DU Authority: Environment Agency - Southern Region, Sussex Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence has completion certificate Dated: 1st May 1994 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Broken Brickwork, Concrete Drain.Pipes Clay, Sub/Topsoils Max.Waste Permitted By Licence Prohibited Waste: Hazardous Wastes Waste N.O.S.	A13NE (NE)	253	2	507500 105350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	A13SW (NE)	0	1	507329 105058
69	BGS Recorded Mineral Sites Site Name: Angmering Gravel Pit Location: Angmering, Littlehampton, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 157622 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8NW (S)	567	1	507108 104450
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Natural Cavities Easting: 507500 Northing: 106000 Distance: 879 Quadrant Reference: A18 Quadrant Reference: NE Bearing Ref: N Cavity Type: Swallow Hole x 2 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology: No Details Detail:	A18NE (N)	879	6	507500 106000
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	194	1	507263 104795
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	507329 105000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	507329 105058
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	507329 105000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	507329 105058
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	507329 105058
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	507329 105000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	507329 105000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	507329 105058
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	507329 105000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	507329 105058
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	507329 105000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	507329 105058
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	507278 105013
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	507278 105000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	197	1	507263 104795
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	507329 105058
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	507329 104997
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	507329 105058
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	507329 104997

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	Contemporary Trade Directory Entries Name: Prestige Doors (Southern) Ltd Location: Unit 14, Dappers Lane, Littlehampton, West Sussex, bn16 4en Classification: Industrial Engineers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SW (S)	56	-	507315 104950
70	Contemporary Trade Directory Entries Name: Prestige Doors Location: Unit 14 St Denys Nursery,Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Door Manufacturers - Domestic Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SW (S)	56	-	507315 104950
70	Contemporary Trade Directory Entries Name: Unatec Product Design Location: Unit 6 Culbury Nurseries,Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Glass Fibre Moulding, Materials & Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SW (S)	56	-	507315 104950
70	Contemporary Trade Directory Entries Name: Paul Skippins Location: Unit 18 Culberry Nursery,Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A13SW (S)	56	-	507315 104950
71	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	A13NW (N)	66	-	507305 105176
71	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	A13NW (N)	66	-	507305 105176
71	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	A13NW (N)	66	-	507305 105176
71	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	A13NW (N)	66	-	507305 105176
71	Contemporary Trade Directory Entries Name: Ferretteria Location: Dappers Lane, Angmering, LITTLEHAMPTON, West Sussex, BN16 4EW Classification: Blacksmiths & Forgemasters Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (N)	66	-	507305 105176
72	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	A13NW (NW)	67	-	507256 105156
73	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	A13SW (SW)	77	-	507260 104918

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	Contemporary Trade Directory Entries Name: Thatcher Motors Ltd Location: Unit 14, The Acre, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	80	-	507379 104944
74	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	A13SE (S)	103	-	507350 104911
74	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	A13SE (S)	103	-	507350 104911
74	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: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	103	-	507350 104911
74	Contemporary Trade Directory Entries Name: South Coast Jags Location: Unit 1, The Acre, Dappers Lane, Angmering, Littlehampton, BN16 4EN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	106	-	507346 104907
74	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: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	110	-	507360 104907
74	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: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	112	-	507370 104908
74	Contemporary Trade Directory Entries Name: O'Donnell Location: Unit 9, The Acre, Dappers Lane, Angmering, LITTLEHAMPTON, West Sussex, BN16 4EN Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	120	-	507360 104897
75	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	A13SE (SE)	129	-	507402 104899
75	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: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	129	-	507402 104899

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	Contemporary Trade Directory Entries Name: Burgess Ltd Location: Westbury, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	137	-	507236 104861
77	Contemporary Trade Directory Entries Name: Rag Bags Location: Unit 1, St. Denys Nursery, Dappers Lane, Angmering, Littlehampton, BN16 4EN Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	185	-	507275 104809
77	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	A13SW (S)	185	-	507275 104809
77	Contemporary Trade Directory Entries Name: Rag Bags Location: Unit 1, St. Denys Nursery, Dappers Lane, Angmering, Littlehampton, BN16 4EN Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	185	-	507275 104809
78	Contemporary Trade Directory Entries Name: Hamptons Location: Unit 3, St. Denys Nursery, Dappers Lane, Angmering, Littlehampton, West Sussex, BN16 4EN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	199	-	507326 104805
79	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	A13SE (S)	227	-	507398 104796
80	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	A8NW (S)	284	-	507291 104712
81	Contemporary Trade Directory Entries Name: J D & P N Burrows Location: 5, Weavers Hill, Angmering, Littlehampton, BN16 4BP Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	468	-	507173 104536
82	Contemporary Trade Directory Entries Name: Cleanforce Location: 18, Arundel Road, Angmering, Littlehampton, West Sussex, BN16 4LA Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	554	-	506720 104913
83	Contemporary Trade Directory Entries Name: The Blind Lady Location: 1, Lansdowne Way, Angmering, Littlehampton, BN16 4LB Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (SW)	564	-	506771 104727
84	Contemporary Trade Directory Entries Name: M M B V W Audi Breaking Location: New Farm Nursery, Arundel Road, Angmering, Littlehampton, BN16 4ET Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	635	-	506681 105310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	Contemporary Trade Directory Entries Name: A N G Commercial Location: Unit 9 New Place Nursery, Arundel Rd, Angmering, Littlehampton, West Sussex, BN16 4ET Classification: Salvage Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NE (W)	647	-	506660 105288
84	Contemporary Trade Directory Entries Name: Parris Repairs & Service Location: New Farm Nursery, Arundel Road, Angmering, Littlehampton, BN16 4ET Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	647	-	506676 105328
84	Contemporary Trade Directory Entries Name: Angmering Location: New Place Nursery, Arundel Road, Angmering, Littlehampton, West Sussex, BN16 4ET Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	667	-	506644 105302
84	Contemporary Trade Directory Entries Name: C J Coachworks Location: Unit 3 New Place Nursery, Arundel Rd, Angmering, Littlehampton, West Sussex, BN16 4ET Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NW (W)	667	-	506644 105302
84	Contemporary Trade Directory Entries Name: A N G Commercial Location: New PI Nursery, Arundel Rd, Angmering, Littlehampton, West Sussex, BN16 4ET Classification: Commercial Vehicle Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NW (W)	667	-	506644 105302
84	Contemporary Trade Directory Entries Name: The Design Studio Location: New Place Nursery, Arundel Road, Angmering, Littlehampton, West Sussex, BN16 4ET Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	667	-	506633 105270
84	Contemporary Trade Directory Entries Name: The Design Studio Printers Location: New Place Nursery, Arundel Road, Angmering, Littlehampton, West Sussex, BN16 4ET Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	667	-	506633 105270
85	Contemporary Trade Directory Entries Name: Chandlers B M W Location: BMW House, Water Lane, Angmering, Littlehampton, West Sussex, BN16 4EH Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	646	-	506925 104447
86	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	A7NE (SW)	673	-	506895 104641
87	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	A7NE (SW)	677	-	506755 104553
87	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	A7NE (SW)	677	-	506755 104553

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	Contemporary Trade Directory Entries Name: A & B Autos Location: New Place Nursery, Arundel Road, Angmering, Littlehampton, West Sussex, BN16 4ET Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	686	-	506671 105408
89	Contemporary Trade Directory Entries Name: Trade Window Manufacturing Location: Merivale Farm, Selden Lane, Patching, Worthing, West Sussex, BN13 3UL Classification: Window Frame Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A19NW (NE)	699	-	507676 105762
90	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	A7SE (SW)	742	-	506914 104342
91	Contemporary Trade Directory Entries Name: Hammerpot Garage Location: Hammerpot, Angmering, Littlehampton, BN16 4EU Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	792	-	506711 105635
92	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	A8SW (S)	793	-	506997 104249
93	Contemporary Trade Directory Entries Name: Angmering Horse Feeds Location: Ecclesden Farm, Water Lane, Angmering, Littlehampton, West Sussex, BN16 4ER Classification: Pet Foods & Animal Feeds Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	819	-	508188 104833
93	Contemporary Trade Directory Entries Name: Animal Horse Feeds Location: Ecclesden Farm, Water Lane, Angmering, Littlehampton, West Sussex, BN16 4ER Classification: Pet Foods & Animal Feeds Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	819	-	508188 104833
94	Contemporary Trade Directory Entries Name: Oakhurst Aggregates Location: Oakhurst, Hammerpot, Angmering, Littlehampton, West Sussex, BN16 4EU Classification: Sand, Gravel & Other Aggregates Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	841	-	506665 105658
95	Contemporary Trade Directory Entries Name: Poppies Of Brighton & Worthing Location: 21, Lucksfield Way, Angmering, Littlehampton, West Sussex, BN16 4GU Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	895	-	507326 104102
96	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	A8SE (S)	909	-	507405 104096

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	Ancient Woodland Name: Not Supplied Reference: 1476094 Area(m²): 74888.46 Type: Ancient and Semi-Natural Woodland	A14NW (E)	406	9	507792 105112
98	Environmentally Sensitive Areas Name: South Downs (decommissioned) Multiple Areas: N Total Area (m2): 690432994.81 Source: Natural England	A18SW (N)	523	9	507287 105649
99	National Parks Name: South Downs Multiple Area: N Area (m2): 1652679314.3 Source: Natural England Status: Fully Designated - designated as a National Park Designation Date: 2nd November 2009	A14NW (E)	399	9	507792 105113
100	Nitrate Vulnerable Zones Name: Sussex Chalk Description: Groundwater Source: Environment Agency, Head Office	A18SW (N)	522	4	507233 105635

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	February 2015 July 2013 March 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Southern Region	April 2019	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - Southern Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region	April 2019 April 2019	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Arun District Council - Environmental Health Department Horsham District Council - Environmental Health Department Worthing Borough Council - Environmental Health Department	December 2014 June 2015 March 2013	Variable Variable Variable
Local Authority Pollution Prevention and Controls Arun District Council - Environmental Health Department Horsham District Council - Environmental Health Department Worthing Borough Council - Environmental Health Department	December 2014 June 2015 November 2014	Not Applicable Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Arun District Council - Environmental Health Department Horsham District Council - Environmental Health Department Worthing Borough Council - Environmental Health Department	December 2014 June 2015 November 2014	Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	January 2019	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Southern Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - Southern Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - Southern Region	June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	April 2019 April 2019 April 2019	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Southern Region	July 2019	Quarterly
Water Industry Act Referrals Environment Agency - Southern Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	Annually

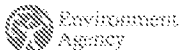
Agency & Hydrological	Version	Update Cycle
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	Annually
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	July 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2019	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2019	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	May 2019	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	May 2019	Quarterly
Flood Defences Environment Agency - Head Office	May 2019	Quarterly
OS Water Network Lines Ordnance Survey	April 2019	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	July 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	July 2018 July 2018 July 2018	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	April 2019 April 2019 April 2019	Quarterly 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 - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003	Not Applicable Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Horsham District Council - Planning Department Arun District Council - Technical Support Unit Worthing Borough Council - Planning Department West Sussex County Council - Environment & Development	August 2015 February 2016 February 2016 October 2006	Variable Variable Variable Annual Rolling Update
Planning Hazardous Substance Consents Horsham District Council - Planning Department Arun District Council - Technical Support Unit Worthing Borough Council - Planning Department West Sussex County Council - Environment & Development	August 2015 February 2016 February 2016 October 2006	Variable Variable Variable Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2019	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2019	Quarterly
Fuel Station Entries Catalist Ltd - Experian	May 2019	Quarterly
Gas Pipelines National Grid	July 2014	
Underground Electrical Cables National Grid	December 2015	

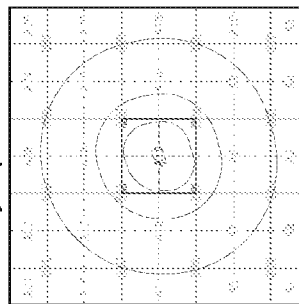
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	August 2018	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	March 2019	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	July 2019	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	April 2019	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2019	Bi-Annually
Special Areas of Conservation Natural England	June 2019	Bi-Annually
Special Protection Areas Natural England	April 2019	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	
3	Arun District Council - Environmental Health Department Civic Centre, Maltravers Road, Littlehampton, Sussex, BN17 5LF	
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	
6	Arun District Council - Technical Support Unit Civic Centre, Maltravers Road, Littlehampton, Sussex, BN17 5LF	
7	West Sussex County Council - Environment & Development County Hall, Tower hall, Chichester, West Sussex, PO19 1RH	
8	Peter Brett Associates Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	

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



Order Statistics

Order Number: 214069367 1 1
Customer Ref: P19.117
National Grid Reference: 507330, 105060

Slice: A

Site Area (Ha): 1.13

The Betons
Merry England Nursery, Dappers Lane, Angmering,
LITTLEHAMPTON, BN16 4EN

Landmark
INFORMATION GROUP

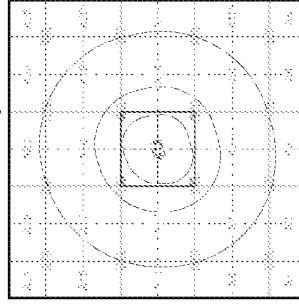
Tel: 0844 544 9352
Fax: 0844 244 9851
Web: www.environment.co.uk



Industrial Land Use Map

- General**
- Specified Site
 - Specified Buffers
 - Bearing Reference Point
 - Map ID
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fire Station Entry
 - Gas Pipeline
 - Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

Order Number: 214069367_1_1
 Customer Ref: P16 117
 National Grid Reference: 507330, 105060

Slice: A
 Site Area (Ha): 1.13
 Search Buffer (m): 1000

Site Details

Merry England Nursery, Dappers Lane, Angmering,
 LITTLEHAMPTON, BN16 4EN



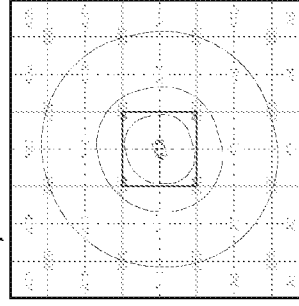
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A



Order Details

Order Number: 214069367_1_1
 Customer Ref: P16 117
 National Grid Reference: 507330, 105060
 Slice: A
 Site Area (Ha): 1.13
 Search Buffer (m): 1000

Site Details

Merry England Nursery, Dappers Lane, Angmering,
 LITTLEHAMPTON, BN16 4EN



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

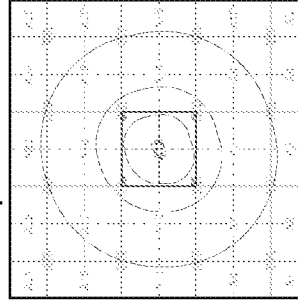
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



Order Details

Order Number: 214069367_1_1
 Customer Ref: P16 117
 National Grid Reference: 507330, 105060

Site:
 Slice: A
 Site Area (Ha): 1.13
 Search Buffer (m): 1000

Site Details

Merry England Nursery, Dappers Lane, Angmering,
 LITTLEHAMPTON, BN16 4EN



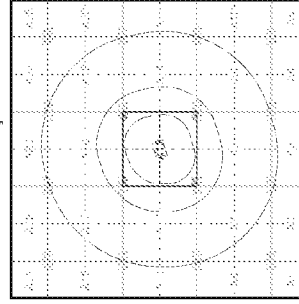
General

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

OS Water Network Data

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

OS Water Network Map - Slice A



Order Details

Order Number: 214069367_1_1
 Customer Ref: P16 117
 National Grid Reference: 507330, 105060
 Slice: A
 Site Area (Ha): 1.13
 Search Buffer (m): 1000

Site Details

Merry England Nursery, Dappers Lane, Angmering,
 LITTLEHAMPTON, BN16 4EN



[illegible]

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

Slopes		Top	
	Cliff		Top
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Positioned Boulder		Scree
	Non-Confirous Tree (surveyed)		Confirous Tree (surveyed)
	Non-Confirous Trees (not surveyed)		Confirous Trees (not surveyed)
	Orchard Tree		Scrub
	Coppcie, Oster		Reeds
	Rough Grassland		Heath
	Direction of water flow		Triangulation Station
	Electricity Transmission Line		Electricity Pylon
	Bench Mark		Buildings with Building Seed
	Rooted Building		Glazed Roof Building
Civil parish/community boundary			
District boundary			
County boundary			
Boundary post/stone			
Boundary metering symbol (note: these always appear in opposed pairs or groups of three)			
	Barracks		Pillar, Pole or Post
	Battery		Post Office
	Cemtery		Public Convenience
	Chimney		Pump
	Cistern		Pumping Station
	Disarmed Railway		Place of Worship
	Electricity Generating Station		Sewage Prg Sta
	Electricity Pole, Piller		Signal Box or Bridge
	Electricity Sub Station		Signal Post or Light
	Filter Bed		Spring
	Fountain/Drinking Ftn.		Tank or Track
	Gas Gov.		Trough
	Gas Governor		Wind Pump
	Guide Post		Water Point
	M4		Works (building or area)

Quarry	Clay pit	Gravel pit	Sand pit
Marsh	Sloping masonry	Shingle	Refuse heap
Rough pasture	Flat rock	Oslers	Wood
Mixed wood	Furze	Reeds	Orchard
Fir	Fond	Waterfall	Stepping stones
Ferry	Trig. station	Bench mark	Altitude at trig. station
Arrow dancles flow of water	Cutting	Embankment	Antiquities (site of)
Railway crossing road	Level crossing	Road over simple stream	Road over river or canal

Object	Material	Weight	Dimensions	Location
Boundary Post or Stone	Gr. P.	20 lb.	12" x 6" x 6"	Police Post Box
Birds Road	Gr. P.	10 lb.	12" x 6" x 6"	Police Post Box
Electricity Pylon	Gr. P.	10 lb.	12" x 6" x 6"	Police Post Box
Foot Bridge	Gr. P.	10 lb.	12" x 6" x 6"	Police Post Box
Foot Path	Gr. P.	10 lb.	12" x 6" x 6"	Police Post Box
Guide Post or Board	Gr. P.	10 lb.	12" x 6" x 6"	Police Post Box
Mill Stone	Gr. P.	10 lb.	12" x 6" x 6"	Police Post Box
Water Post or Stone	Gr. P.	10 lb.	12" x 6" x 6"	Police Post Box

Order Number: 214069387_1_1
Customer Ref: P19.117
National Grid Reference: 507330, 105060
A
Slice.
Site Area (Ha): 1.13
Search Buffer (m): 100

Merry England Nursery, Dappers Lane, Angmering,
LITTLEHAMPTON, BN16 4EN

Tel: 0844 544 8952
Fax: 0844 244 5951
Web: www.envisirotech.co.uk

Sussex

Published 1876

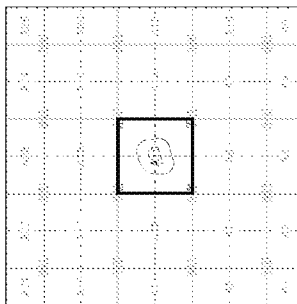
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the time adopted for England, Wales and Scotland in the 1840s. In 1864 the 1:2,500 scale was revised for mapping in England and Wales. In 1986 it was revised to the current 1:2,500 scale. The maps were compiled by the Ordnance Survey of Great Britain. The published date given below is often some years later than the surveyed date. Before 1939 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)

OS 1:2,500	1876	1:2,500
OS 1:2,500	1876	1:2,500
OS 1:2,500	1876	1:2,500
OS 1:2,500	1876	1:2,500
OS 1:2,500	1876	1:2,500
OS 1:2,500	1876	1:2,500
OS 1:2,500	1876	1:2,500
OS 1:2,500	1876	1:2,500
OS 1:2,500	1876	1:2,500
OS 1:2,500	1876	1:2,500

Historical Map - Segment A13



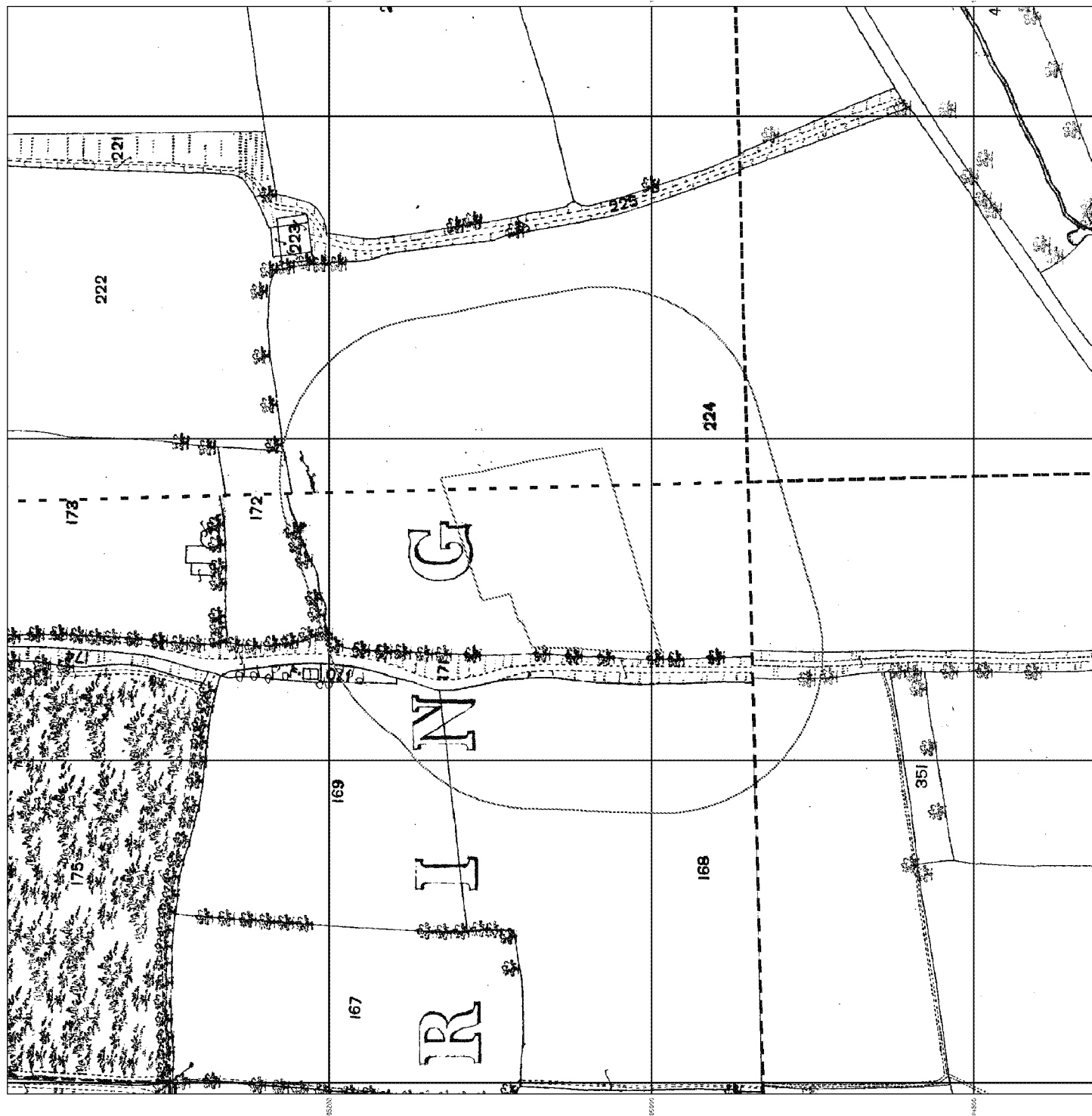
Order Details

Order Number: 214069387_1.1
Customer Ref: P19.117
National Grid Reference: 507330, 105060

Site Area (Ha): 1.13
Search Buffer (m): 100

Site Details

Merry England Nursery, Dappers Lane, Angmering,
LITTLEHAMPTON, BN16 4EN



Sussex

Published 1897 - 1898

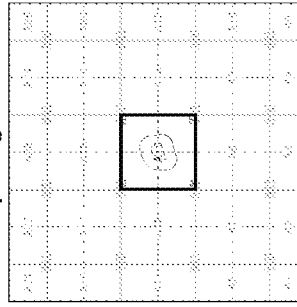
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the time adopted for England, Wales and Scotland in the 1840s. In 1864 the 1:2,500 scale was revised for mapping to be consistent with the 1:62,500 scale of the Ordnance Survey. The published date given below is often some years later than the surveyed date. Before 1898 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)

081.07	003.09
1907	1898
1:2,500	1:2,500
083.11	083.12
1907	1907
1:2,500	1:2,500

Historical Map - Segment A13

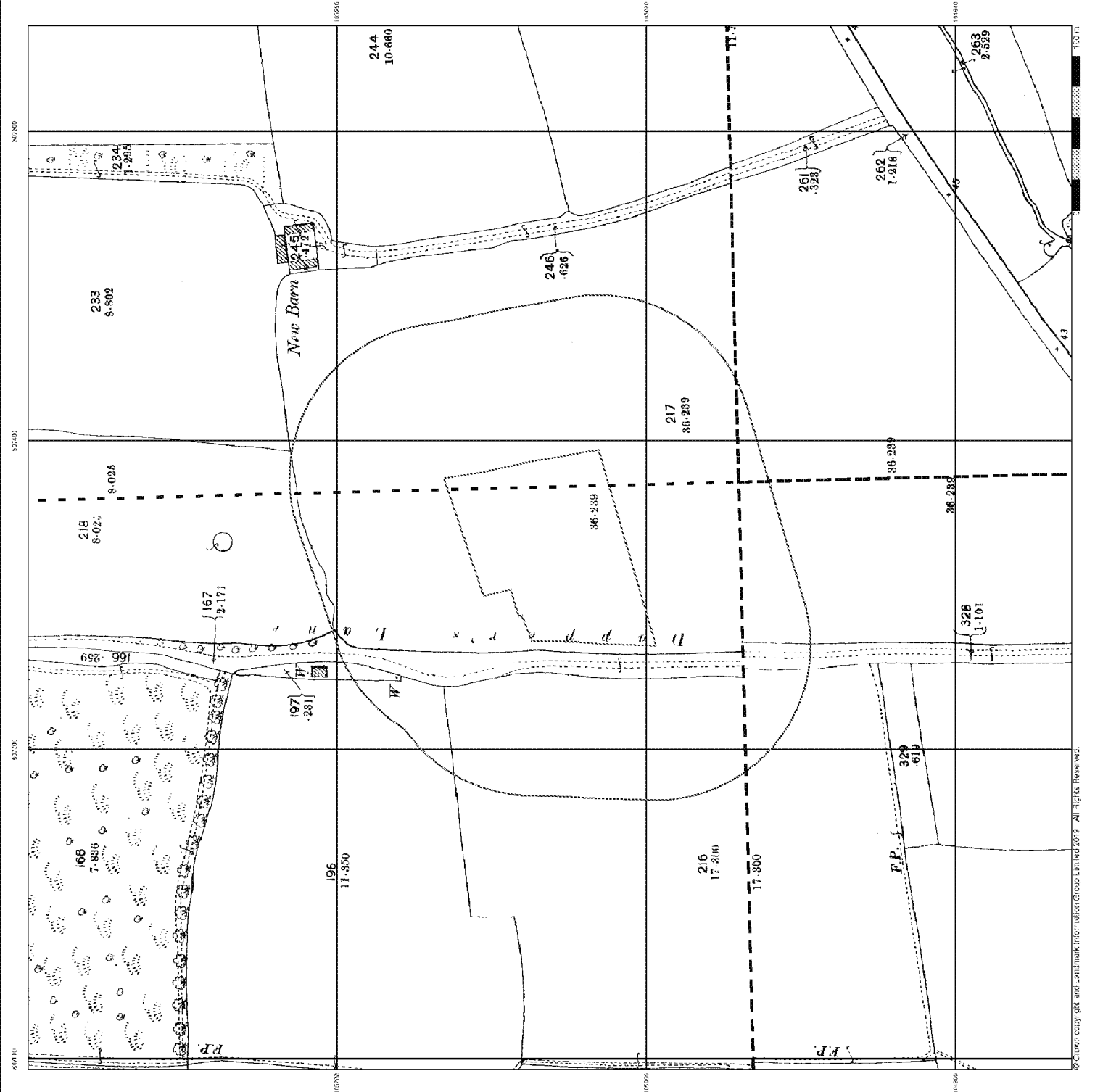


Order Details

Order Number: 214069387_1_1
 Customer Ref: P19.117
 National Grid Reference: 507330, 105060
 Slice: A
 Site Area (Ha): 1.13
 Search Buffer (m): 100

Site Details

Merry England Nursery, Dappers Lane, Angmering,
 LITTLEHAMPTON, BN16 4EN



Sussex

Published 1911 - 1912

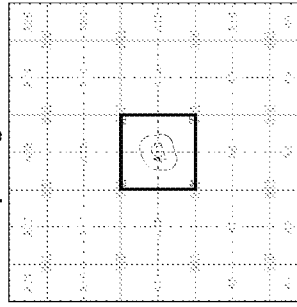
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the time adopted for England, Wales and Scotland in the 1840s. In 1864 the 1:2,500 scale was revised for mapping in the south of England and in 1906 it was revised to show the county boundaries of the time. The published date given below is often some years later than the surveyed date. Before 1939 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)

081.07	003.09
1912	1912
1:2,500	1:2,500
081.11	083.12
1911	1911
1:2,500	1:2,500

Historical Map - Segment A13



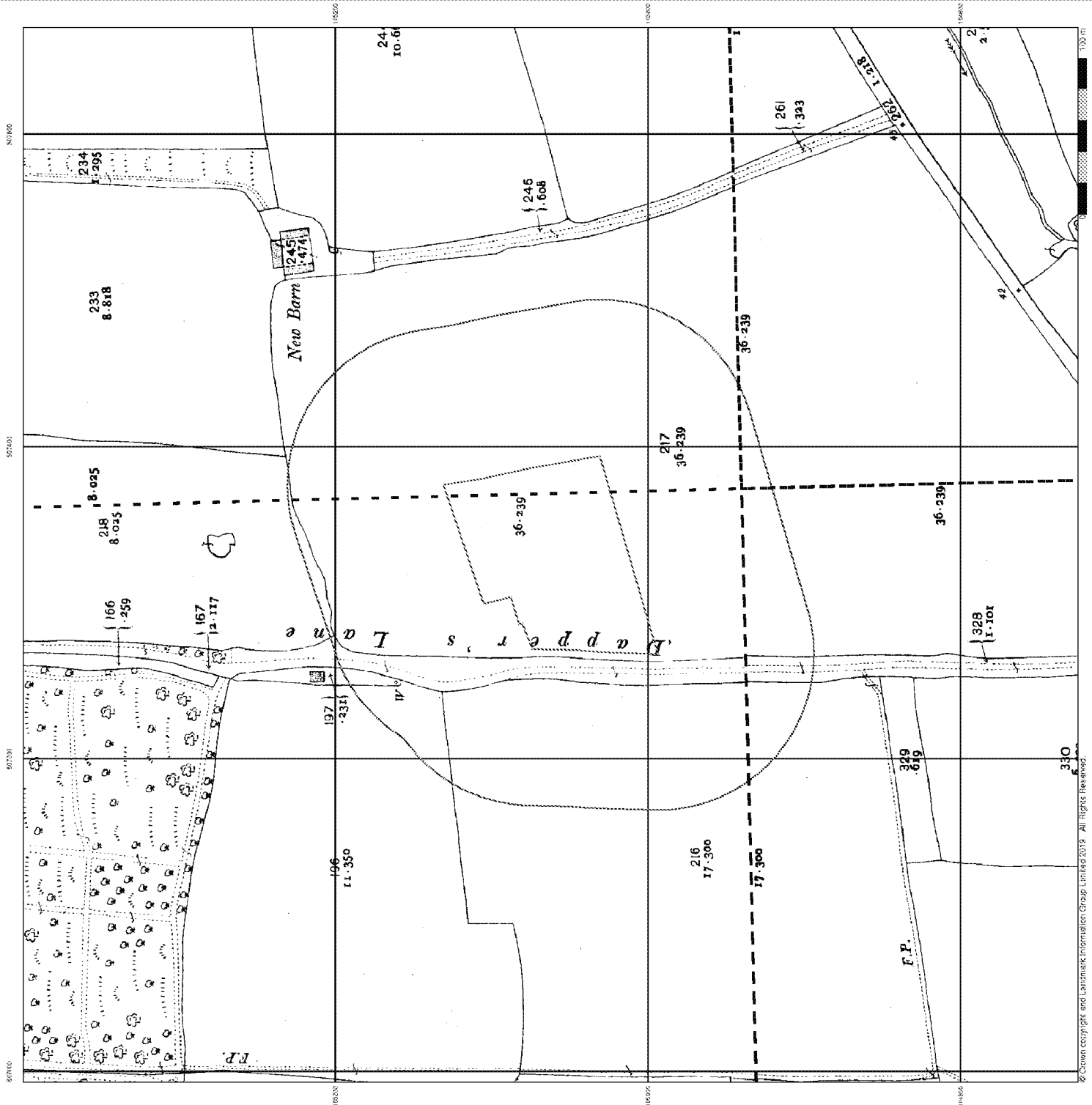
Order Details

Order Number: 214069387_1_1
Customer Ref: P19.117
National Grid Reference: 507330, 105060

Site:
Site Area (Ha): 1.13
Search Buffer (m): 100

Site Details

Merry England Nursery, Dappers Lane, Angmering,
LITTLEHAMPTON, BN16 4EN



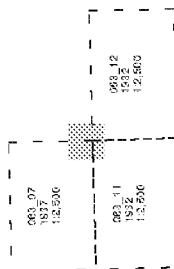
Sussex

Published 1932 - 1937

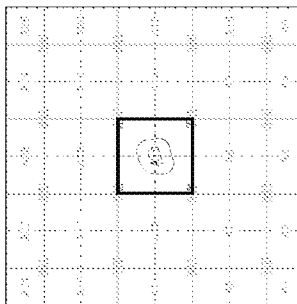
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the time adopted for England, Wales and Scotland in the 1840s. In 1864 the 1:2,500 scale was revised for mapping to be consistent with the 1:62,500 scale of the Ordnance Survey maps of Great Britain. The published date given below is often some years later than the surveyed date. Before 1939 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

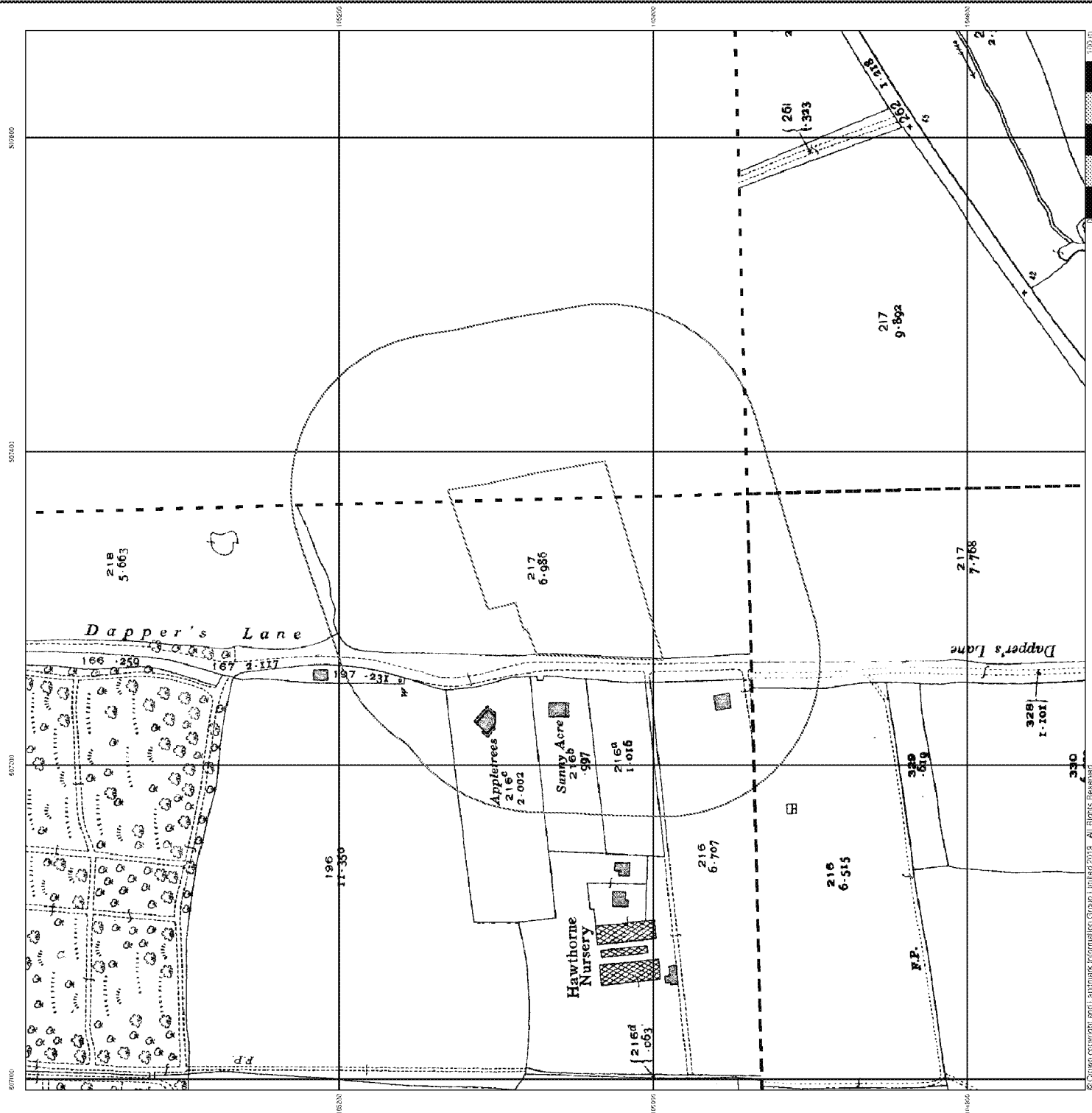
Order Number: 214069387_1.1
 Customer Ref: P19.117
 National Grid Reference: 507330, 105060
 Slice: A
 Site Area (Ha): 1.13
 Search Buffer (m): 100

Site Details

Merry England Nursery, Dappers Lane, Angmering,
 LITTLEHAMPTON, BN16 4EN

Landmark
 LANDMARK INFORMATION GROUP

Tel: 0844 344 8952
 Fax: 0844 344 9951
 Web: www.envirocheck.co.uk



Ordinance Survey Plan Published 1971

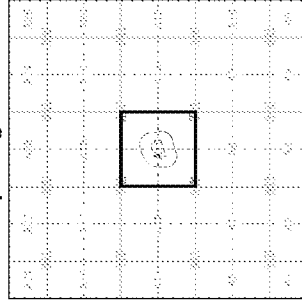
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the time adopted for England, Wales and Scotland in the 1840s. In 1864 the 1:2,500 scale was adopted for mapping the area and by 1966 it was the 1:2,500 scale which was used to produce the map shown on this page. The published date given below is often some years later than the surveyed date. Before 1939 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)

T026905	T02703
1871	1871
12,500	12,500
T026904	T02704
1871	1871
12,500	12,500

Historical Map - Segment A13

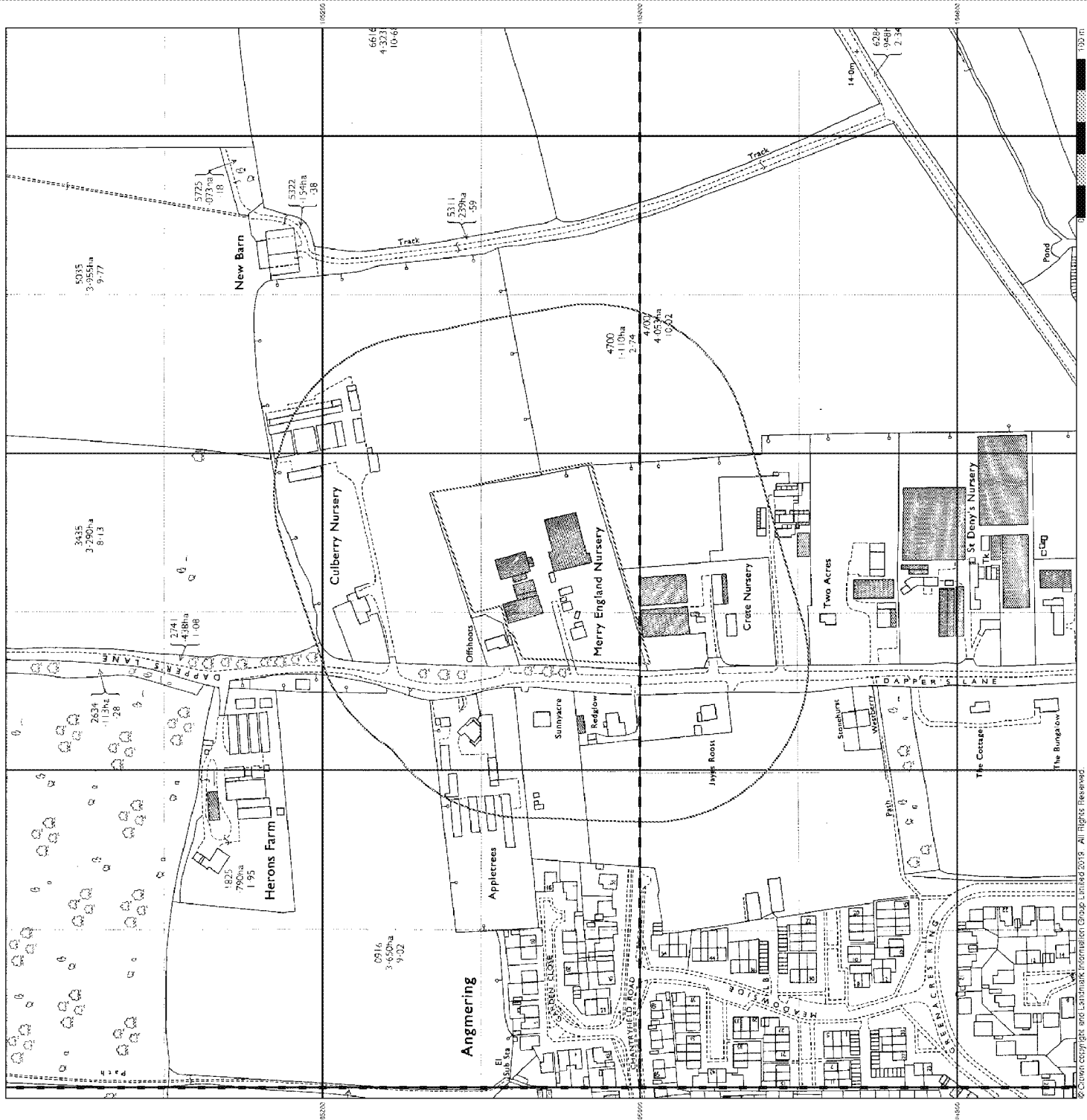


Order Details

Order Number: 214069387_1_1
Customer Ref: P19 117
National Grid Reference: 507330, 105060
Slice: A
Site Area (Ha): 1.13
Search Buffer (m): 100

Site Details

Merry England Nursery, Dappers Lane, Angmering,
LITTLEHAMPTON, BN16 4EN



Additional SIMS

Published 1977 - 1989

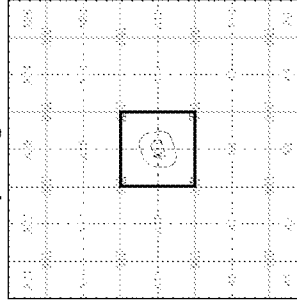
Source map scale - 1:2,500

The SIMS cards (Ordnance Survey's 'Survey of Information on Microfilm') are further major editions of mapping which were produced and published in 1984, and contain details of the land use and land cover of the area. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

TO00015	1977
1995	1977
12,500	12,500
TO00014	1995
12,500	12,500

Historical Map - Segment A13



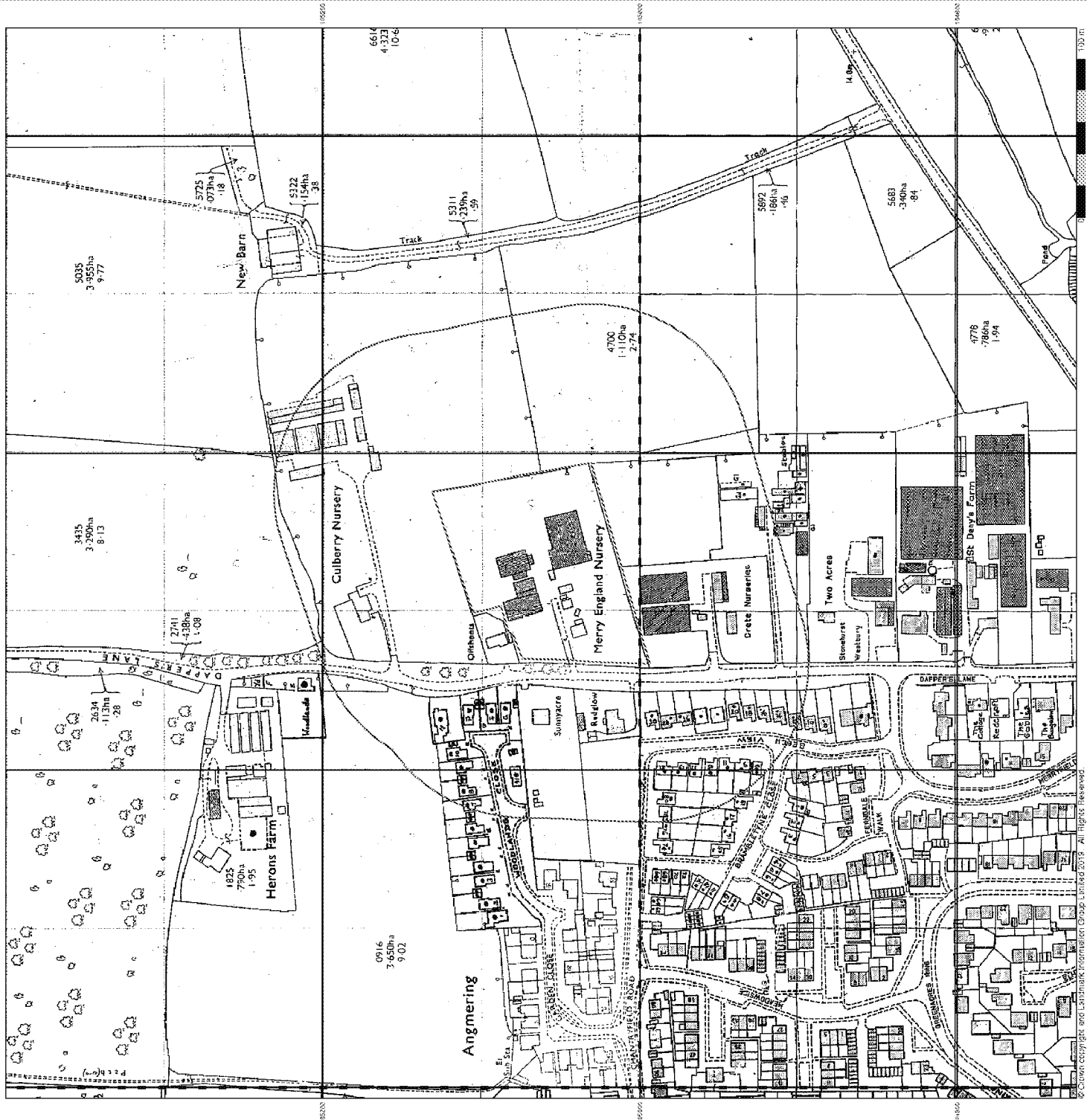
Order Details

Order Number: 214069387_1.1
Customer Ref: P16 117
National Grid Reference: 507330, 105060

Site Area (Ha): 1.13
Search Buffer (m): 100

Site Details

Merry England Nursery, Dappers Lane, Angmering,
LITTLEHAMPTON, BN16 4EN



Ordinance Survey Plan

Published 1979

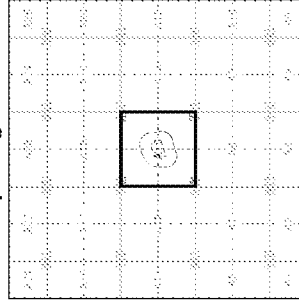
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the time adopted for England, Wales and Scotland in the 1840s. In 1864 the 1:2,500 scale was revised for mapping in Great Britain and Ireland. The 1:2,500 scale was revised in 1968 to be the standard scale for Great Britain. The published date given below is often some years later than the surveyed date. Before 1939 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)

TO2605	1879	12,500
TO2703	1879	12,500
TO2604	1879	12,500
TO2703	1879	12,500

Historical Map - Segment A13

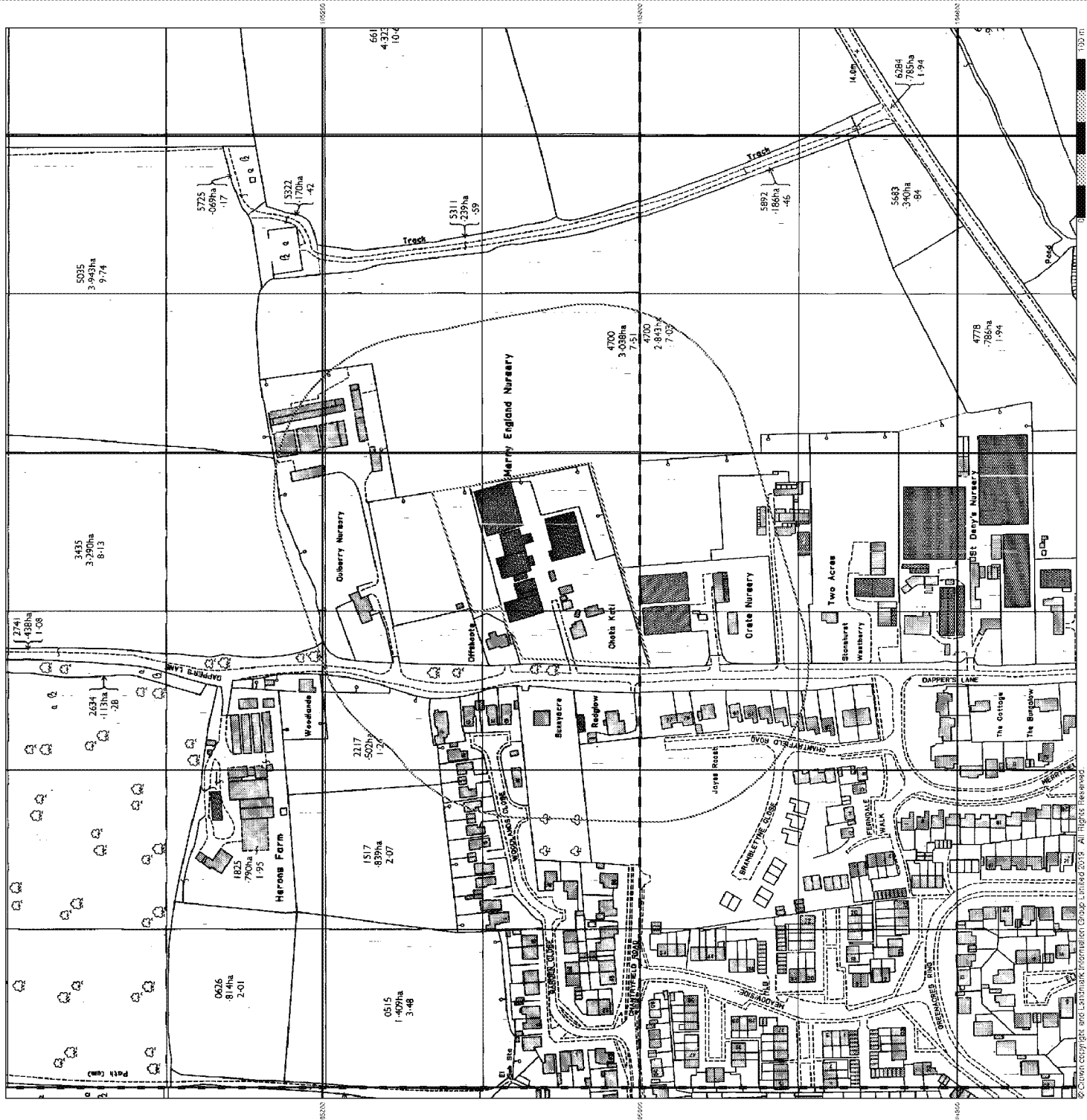


Order Details

Order Number: 214069387_1.1
 Customer Ref: P16 117
 National Grid Reference: 507330, 105060
 Slice: A
 Site Area (Ha): 1.13
 Search Buffer (m): 100

Site Details

Merry England Nursery, Dappers Lane, Angmering,
 LITTLEHAMPTON, BN16 4EN



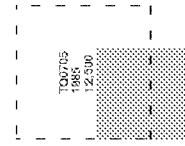
Additional SIMs

Published 1985

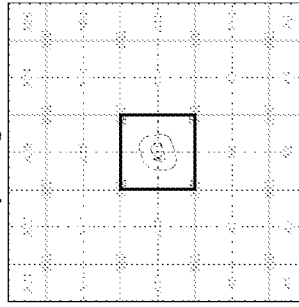
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further major editions of mapping which were produced and published in 1985. The SIM cards are an essential part of the SIM system. They date from 1947 to 1984, and contain detailed information on land use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13

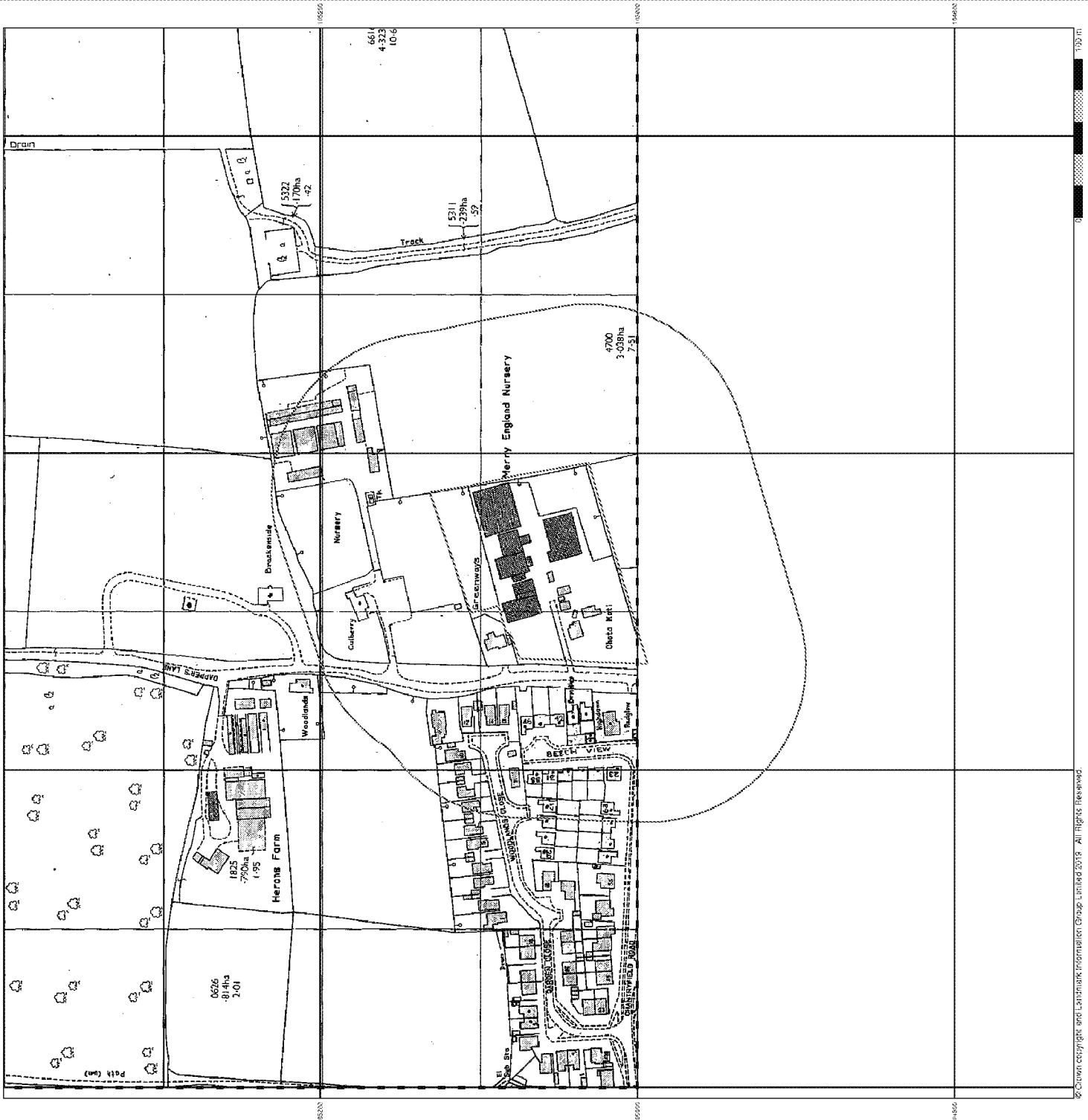


Order Details

Order Number: 214069387_1_1
 Customer Ref: P19.117
 National Grid Reference: 507330, 105060
 Slice: A
 Site Area (Ha): 1.13
 Search Buffer (m): 100

Site Details

Merry England Nursery, Dappers Lane, Angmering,
 LITTLEHAMPTON, BN16 4EN



Large-Scale National Grid Data

Published 1994

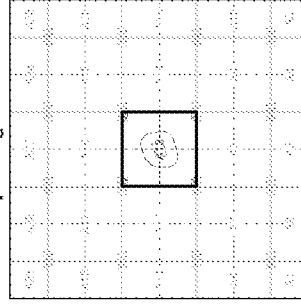
Source map scale - 1:2,500

Large Scale National Grid Data superseded SMI cards (Ordnance Survey's Survey of Information on Marshes) in 1992, and continued to be produced until 1994. The maps were the first of their kind and were produced at two scales, 1:2,500 and 1:1,250. The maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

TO0805	TO0705
1994	1994
1:2,500	1:2,500
TO0804	TO0704
1994	1994
1:2,500	1:2,500

Historical Map - Segment A13

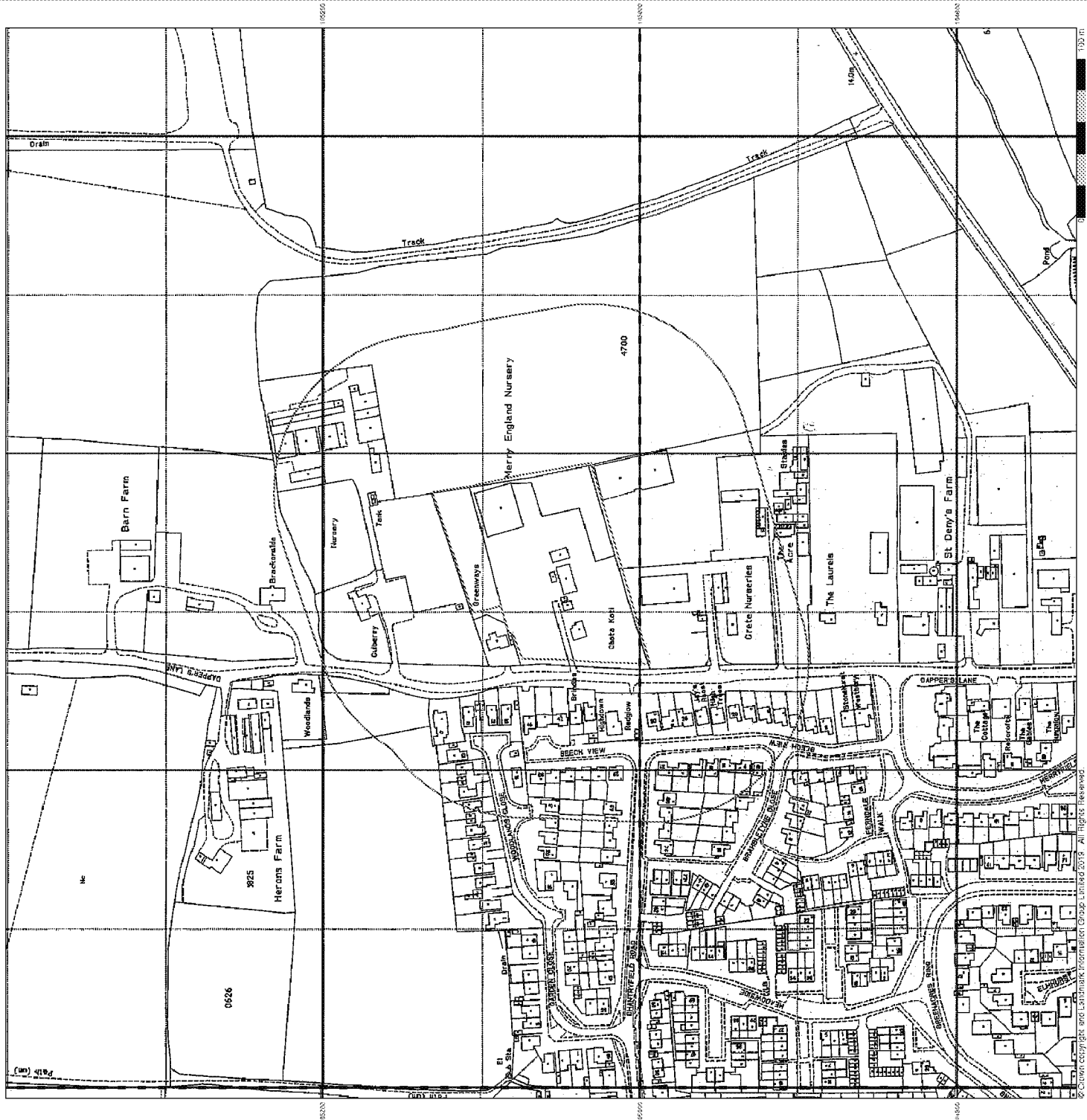


Order Details

Order Number: 214069387_1.1
 Customer Ref: P19.117
 National Grid Reference: 507330, 105060
 Slice: A
 Site Area (Ha): 1.13
 Search Buffer (m): 100

Site Details

Merry England Nursery, Dappers Lane, Angmering,
 LITTLEHAMPTON, BN16 4EN



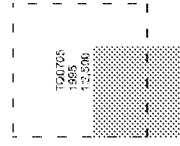
Large-Scale National Grid Data

Published 1995

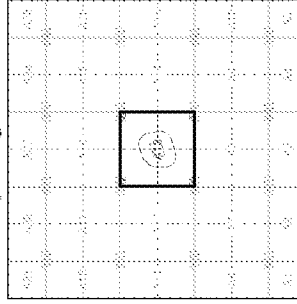
Source map scale - 1:2,500

Large Scale National Grid Data superseded SMI cards (Ordnance Survey's Survey of Information on Marshes) in 1992, and continued to be produced until 1999. The maps were the first of their kind, and were produced at scales of 1:2,500 and 1:1,250. The 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: 214069387_1_1
 Customer Ref: P19.117
 National Grid Reference: 507330, 105060
 Slice: A
 Site Area (Ha): 1.13
 Search Buffer (m): 100

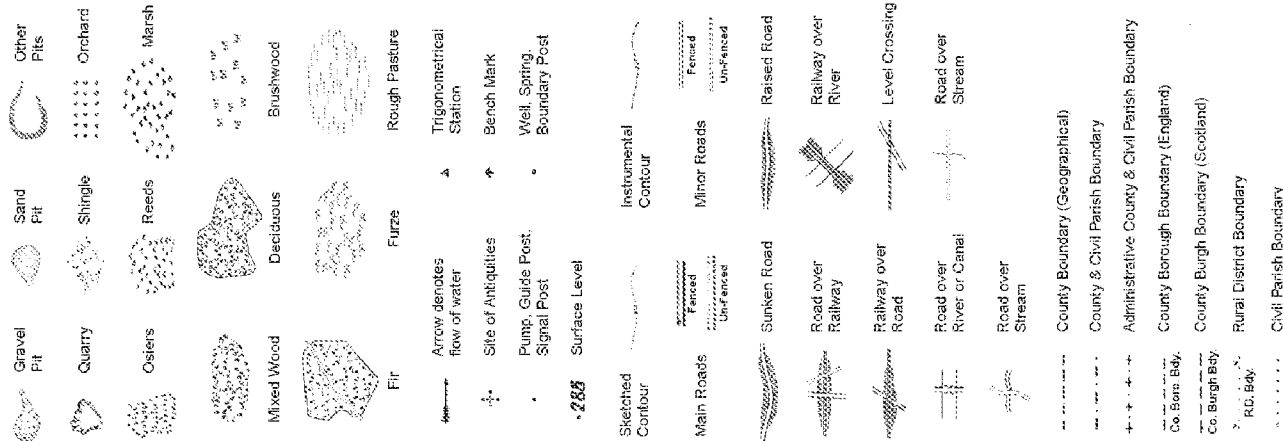
Site Details

Merry England Nursery, Dappers Lane, Angmering,
 LITTLEHAMPTON, BN16 4EN

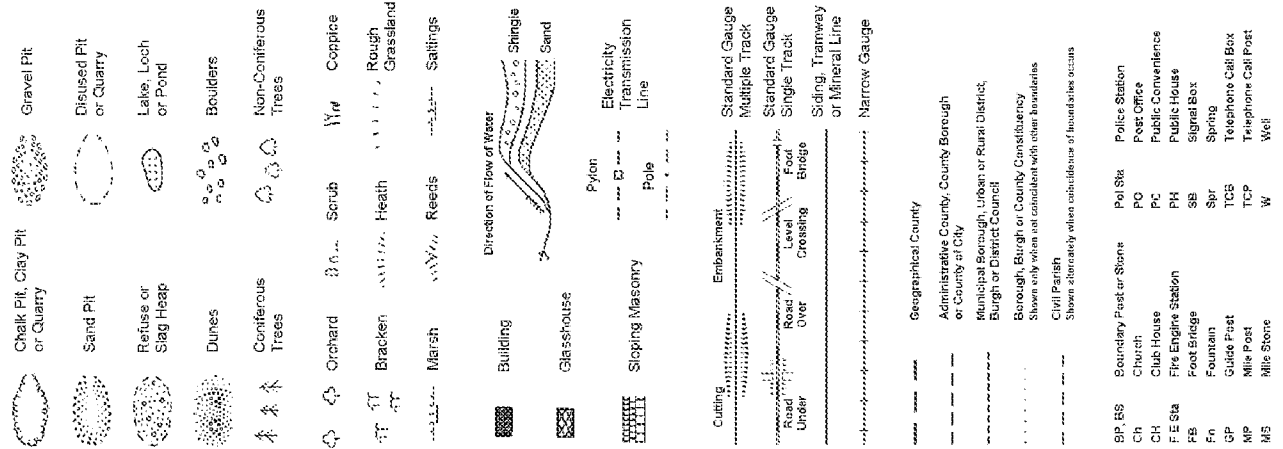


Historical Mapping Legends

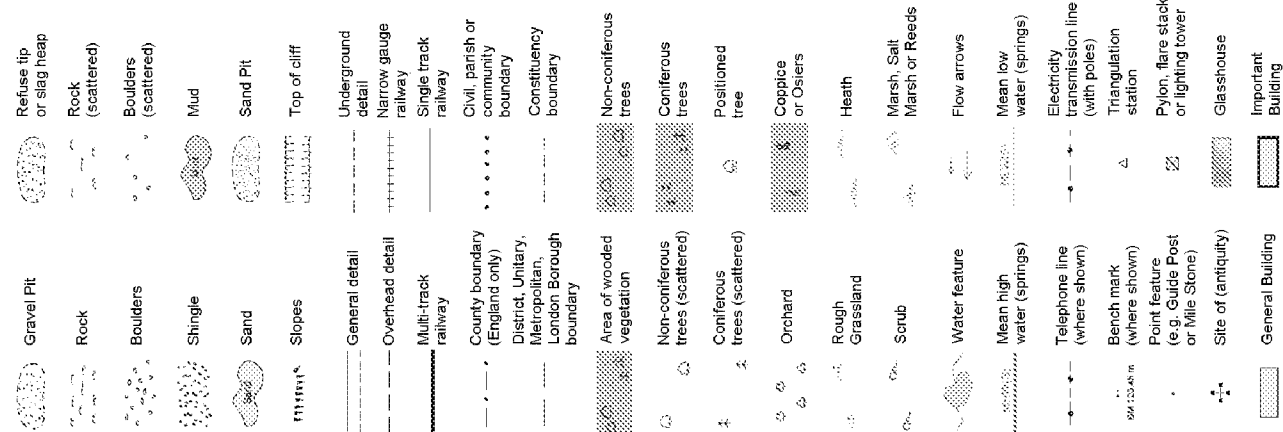
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



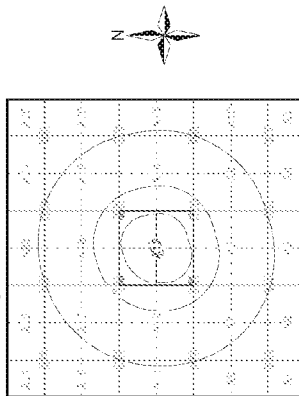
1:10,000 Raster Mapping



Historical Mapping & Photography included;

Mapping Type	Scale	Date	Pg
Sussex	1:10,560	1879	2
Sussex	1:10,560	1889	3
Sussex	1:10,560	1913 - 1914	4
Sussex	1:10,560	1913 - 1914	5
Sussex	1:10,560	1914	6
Sussex	1:10,560	1932	7
Sussex	1:10,560	1938 - 1943	8
Ordnance Survey Plan	1:10,000	1952	9
Ordnance Survey Plan	1:10,000	1976 - 1977	10
10K Raster Mapping	1:10,000	2000	11
Street View	Variable		12

Historical Map - Slice A



Order Details

Order Number: 214069387_1_1
 Customer Ref: P16 117
 National Grid Reference: 507330, 105060

Slice: A

Site Area (Ha): 1.13
 Search Buffer (m): 1000

Site Details

Merry England Nursery, Dappers Lane, Angmering,
 LITTLEHAMPTON, BN16 4EN

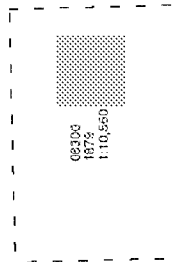
Sussex

Published 1879

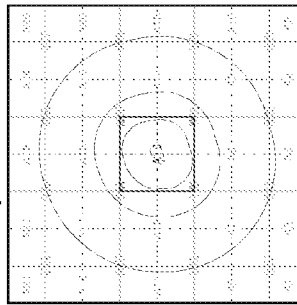
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the time adopted for England, Wales and Scotland in the 1840's. In 1864 the 1:10,560 scale maps were produced for the Ordnance Survey. These maps were often some years later than the surveyed date. Before 1939, all OS maps were based on the Cassini Projection with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 214069387_1_1

Customer Ref: P19 117

National Grid Reference: 507330, 105060

Slice: A

Site Area (Ha): 1.13

Search Buffer (m): 1000

Site Details

Merry England Nursery, Dappers Lane, Angmering,
LITTLEHAMPTON, BN16 4EN



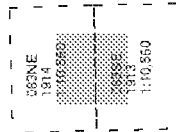
Sussex

Published 1913 - 1914

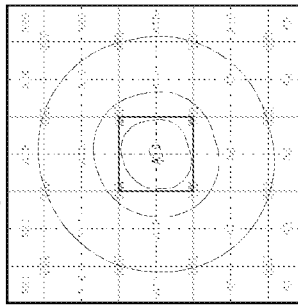
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the time adopted for England, Wales and Scotland in the 1840's. In 1864 the Ordnance Survey began producing maps for the County of Sussex. These maps were then updated to the 1:10,560 scale. The maps shown are the 1:10,560 scale maps, often some years later than the surveyed date. Before 1939, all OS maps were based on the Cassini Projection with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear 'unfinished' - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 214069387_1.1

Customer Ref: P19.117

National Grid Reference: 507330, 105060

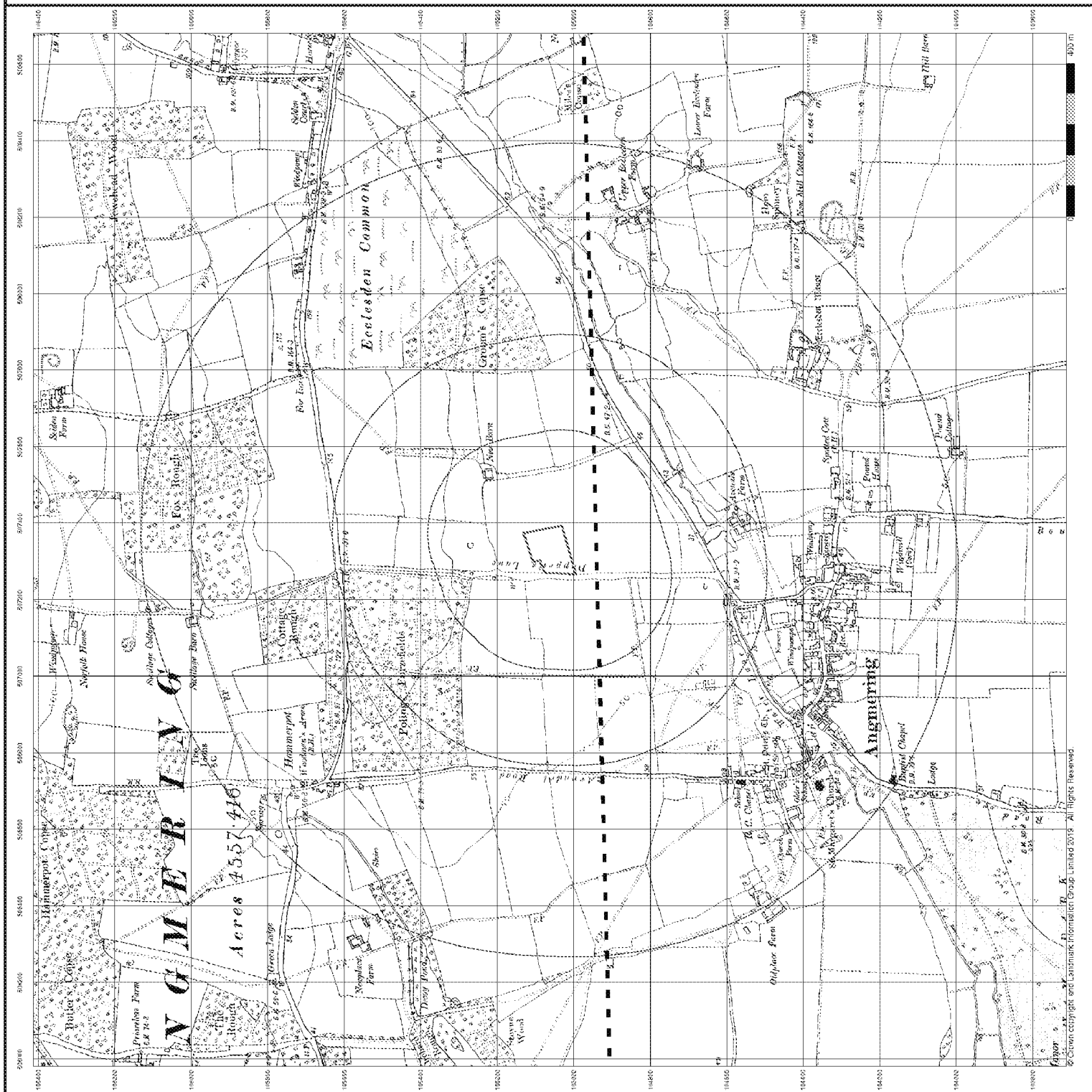
Slice: A

Site Area (Ha): 1.13

Search Buffer (m): 1000

Site Details

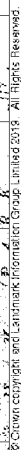
Merry England Nursery, Dappers Lane, Angmering,
LITTLEHAMPTON, BN16 4EN



063NE
1914
1:10.560
1:10.560

One Beans
Merry England Nursery, Dappers Lane, Angmering,
LITTLEHAMPTON, BN16 4EN

Tel: 0844 544 9952
Fax: 0844 244 5951
Web: www.enirocheck.co.uk



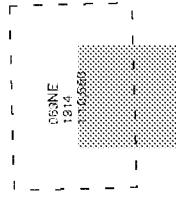
Sussex

Published 1914

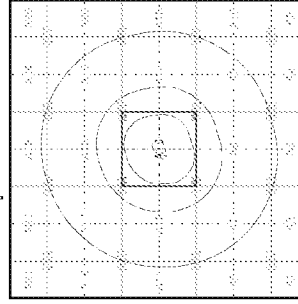
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the time adopted for England, Wales and Scotland in the 1840's. In 1864 the 1:10,560 scale maps were published for the first time. These maps were often some years later than the surveyed data. Before 1939, 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 outlining areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear 'unfinished' with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



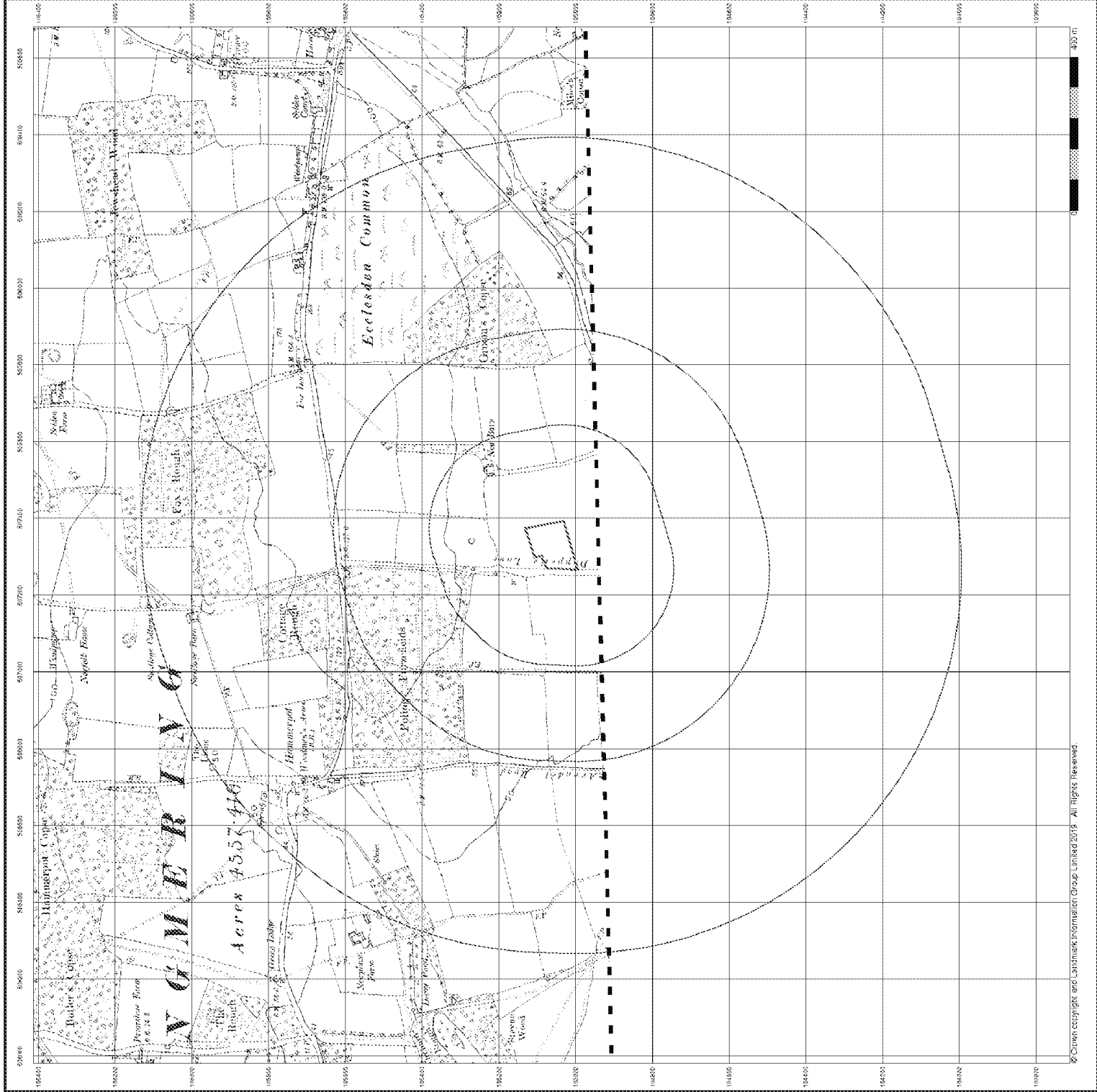
Order Details

Order Number: 214069387_1_1
Customer Ref: P19 117
National Grid Reference: 507330, 105060

Site Area (Ha): 1.13
Search Buffer (m): 1000

Site Details

Merry England Nursery, Dappers Lane, Angmering,
LITTLEHAMPTON, BN16 4EN



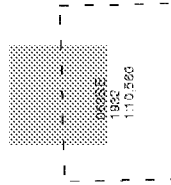
Sussex

Published 1932

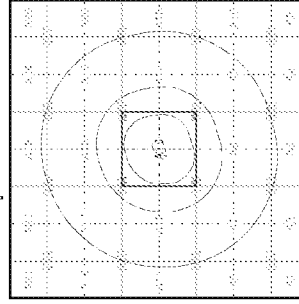
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the time adopted for England, Wales and Scotland in the 1840's. In 1864 the 1:2,500 scale maps were produced for the Ordnance Survey. These maps were then updated to the 1:10,560 scale. The maps shown are of a date later than the surveyed date. Before 1932, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A

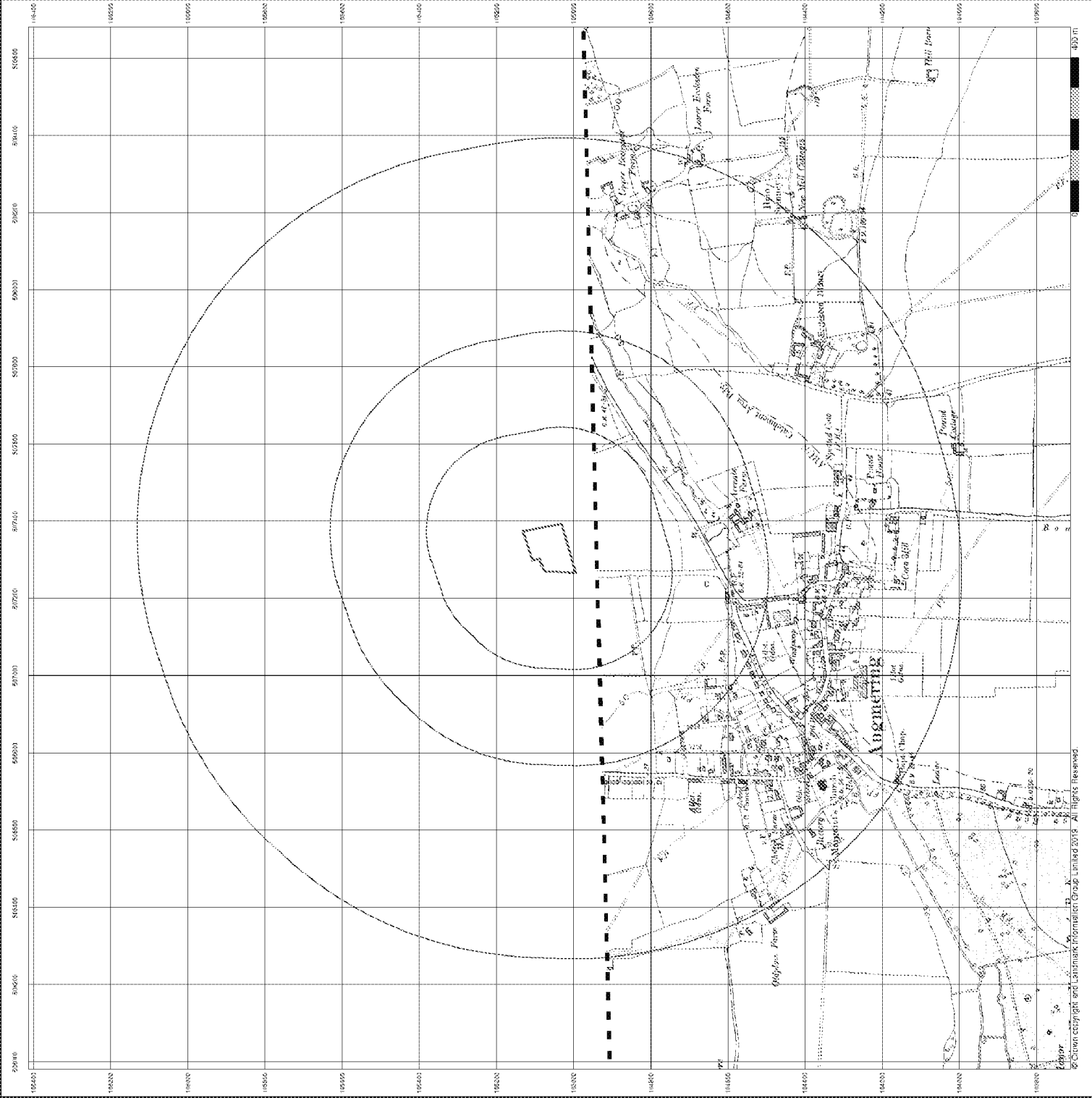


Order Details

Order Number: 214069387_1_1
Customer Ref: P19.117
National Grid Reference: 507330, 105060
Slice: A
Site Area (Ha): 1.13
Search Buffer (m): 1000

Site Details

Merry England Nursery, Dappers Lane, Angmering,
LITTLEHAMPTON, BN16 4EN



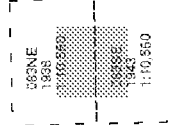
Sussex

Published 1938 - 1943

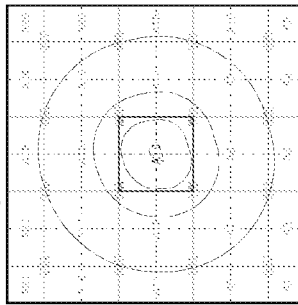
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the time of the Ordnance Survey's 1:10,560 scale maps. These maps were produced between 1938 and 1943. The maps were produced using the Cassini Projection with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlining areas. In the late 1940's, a Provisional Edition was produced which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 214069387_1.1

Customer Ref: P19 117

National Grid Reference: 507330, 105060

Site: A

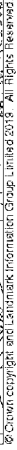
Site Area (Ha): 1.13

Search Buffer (m): 1000

Site Details

Merry England Nursery, Dappers Lane, Angmering,
LITTLEHAMPTON, BN16 4EN





10k Raster Mapping

Published 2000

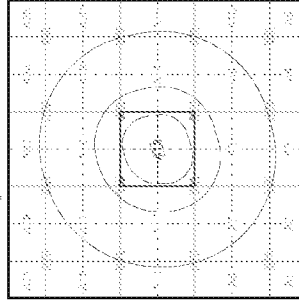
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from the original data which was produced in 1970. The data is highly detailed and includes all roads, tracks and paths, as well as all buildings, trees and other features. The maps are also included together with the relevant road number and classification. Boundary information (parish, county, unitary authority, district, civil parish and constituency).

Map Name(s) and Date(s)

TOPOONE	2000
1:10,000	1:10,000
TOPOONE	2000
1:10,000	1:10,000

Historical Map - Slice A



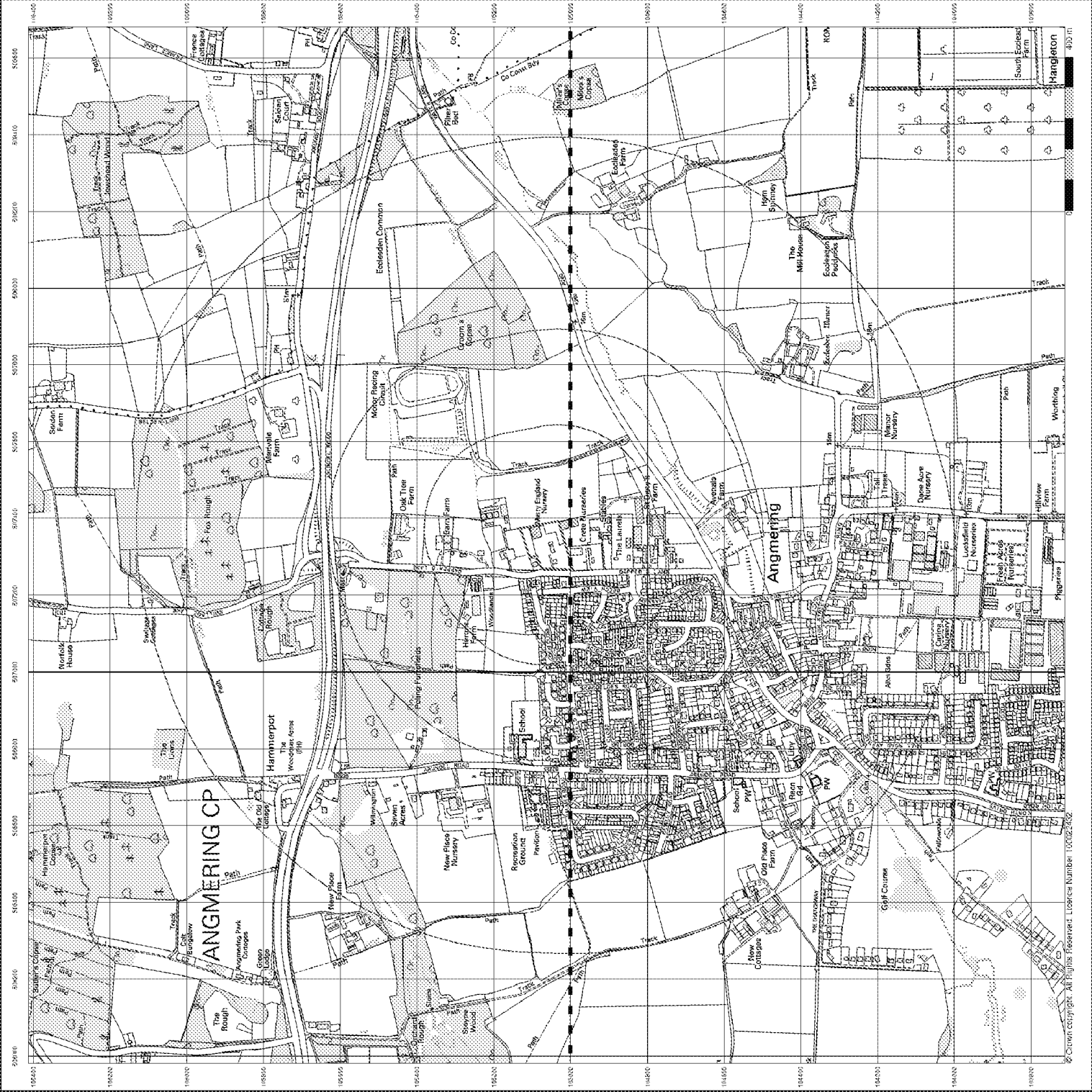
Order Details

Order Number: 214069387_1.1
Customer Ref: P19.117
National Grid Reference: 507330, 105060

Slice: A
Site Area (Ha): 1.13
Search Buffer (m): 1000

Site Details

Merry England Nursery, Dappers Lane, Angmering,
LITTLEHAMPTON, BN16 4EN



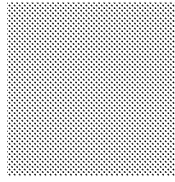
Street View

Published 2019

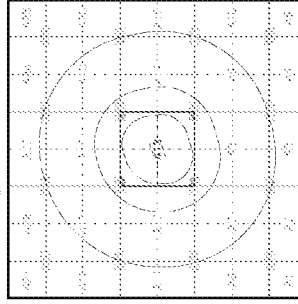
Source map scale - 1:10,000

Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000.

Map Name(s) and Date(s)



Street View Map - Slice A



Order Details

Order Number: 214069367_1_1
Customer Ref: P19 117
National Grid Reference: 507330, 105060

Slice: A
Site Area (Ha): 1.13
Search Buffer (m): 1000

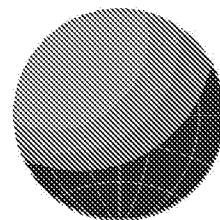
Site Details

Merry England Nursery, Dappers Lane, Angning,
LITTLEHAMPTON, BN16 4EN

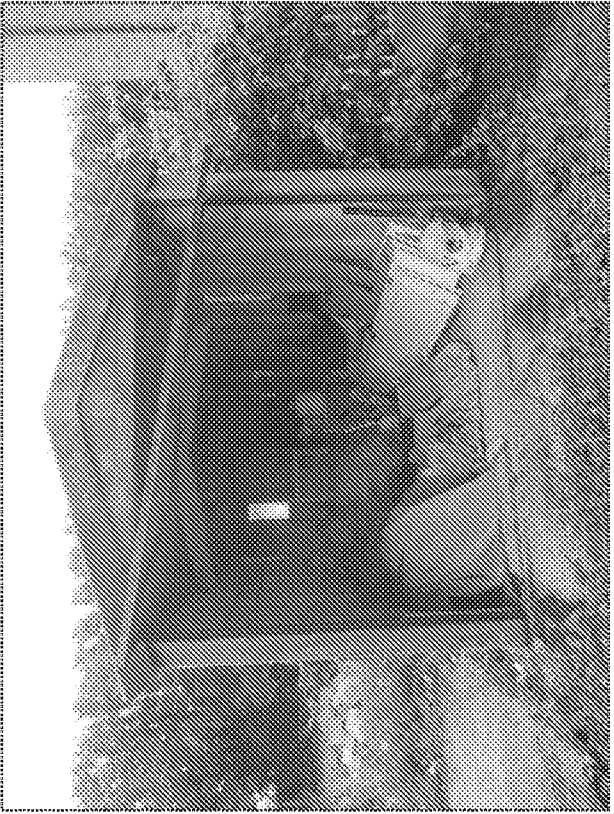
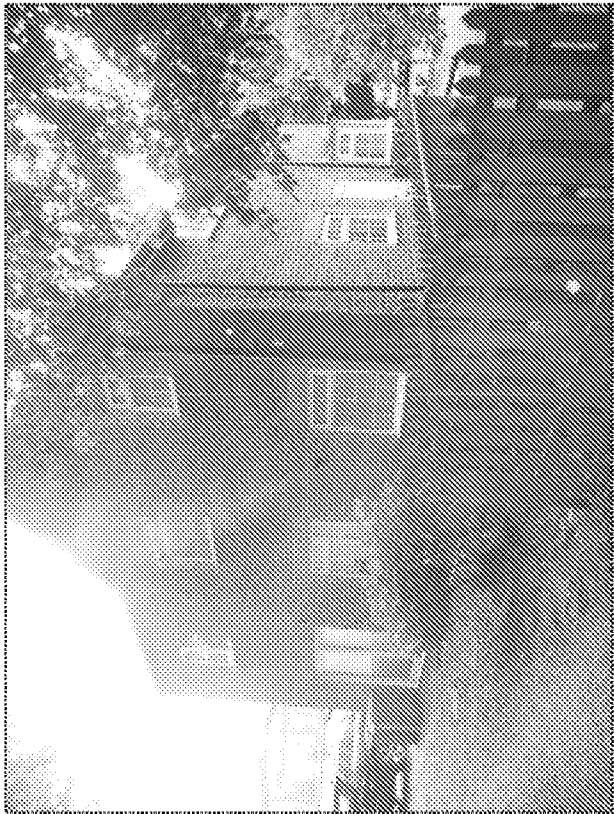
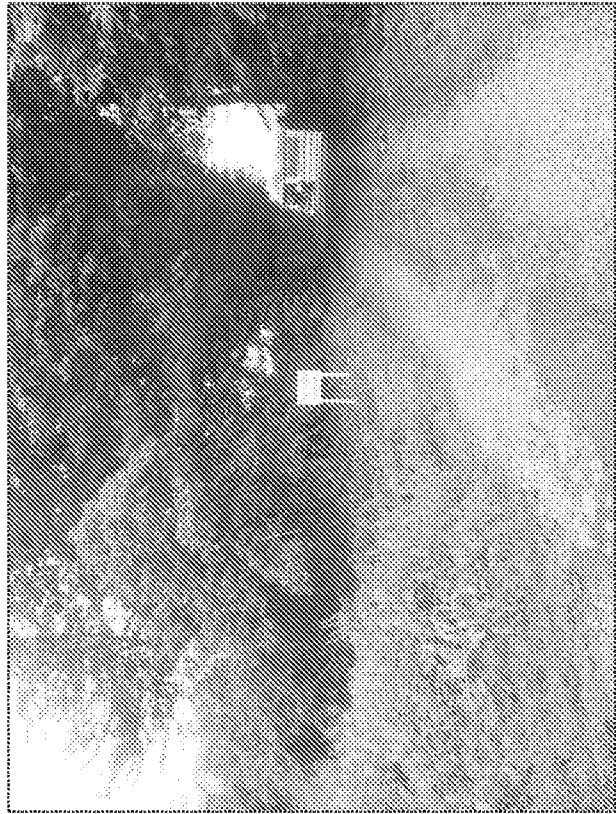


APPENDIX C

Photographic Log



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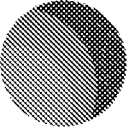


Investigation Photographs

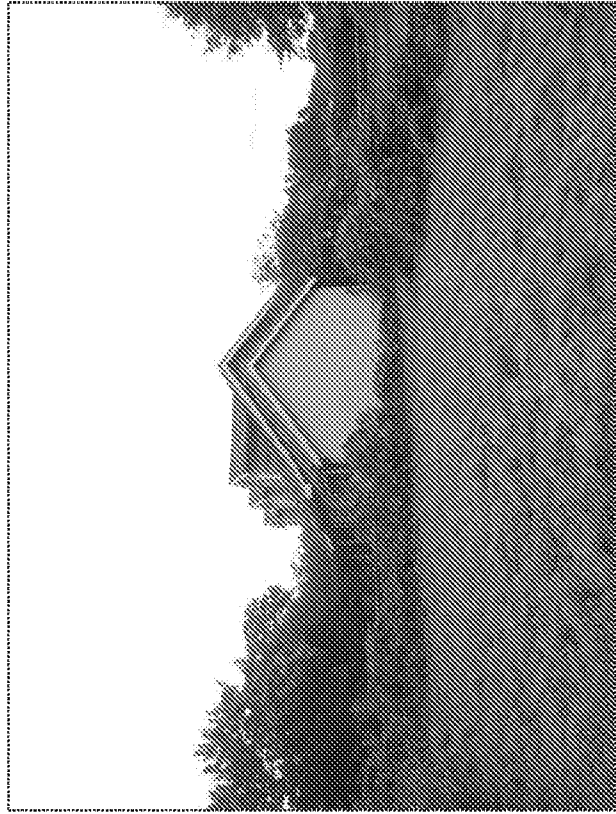
Project Ref: P19.117

Site Name: Merry England

1. Site Access
2. Ditch W Elevation
3. Existing house
4. Domestic Garage



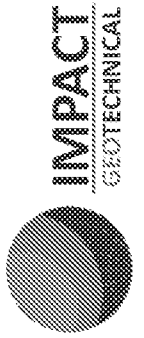
IMPACT
GEOTECHNICAL



Investigation Photographs

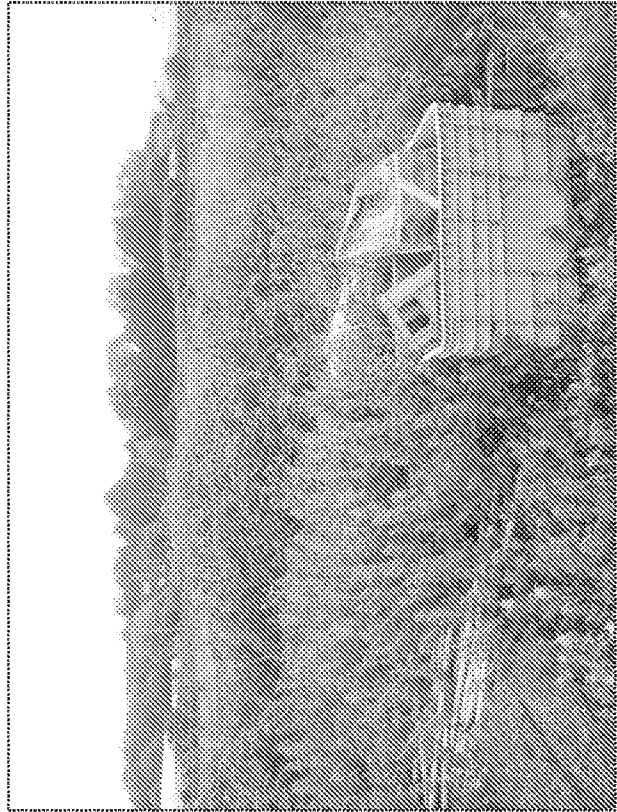
Project Ref: P19.117
 Site Name: Merry England

- 5. Discarded materials, W boundary
- 6. Neighbouring House
- 7. Oil drums
- 8. Oil Drum close-up

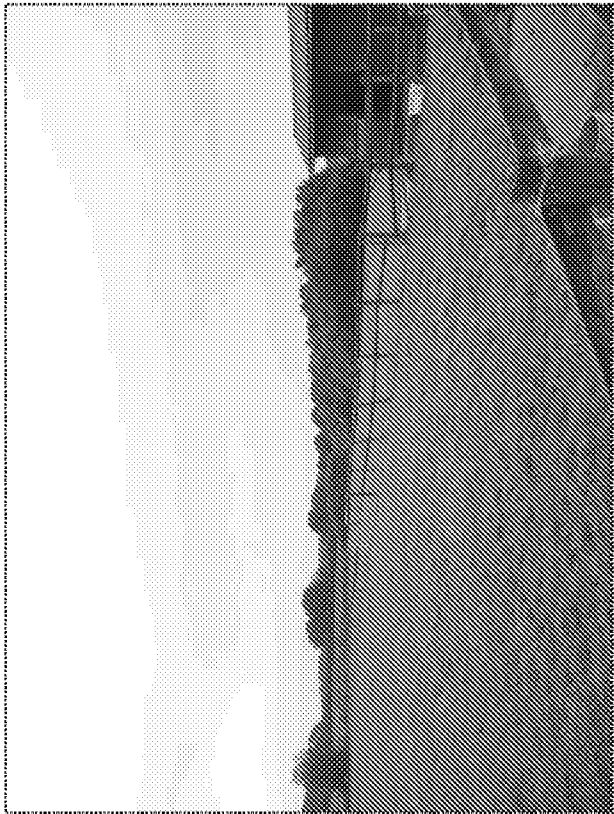




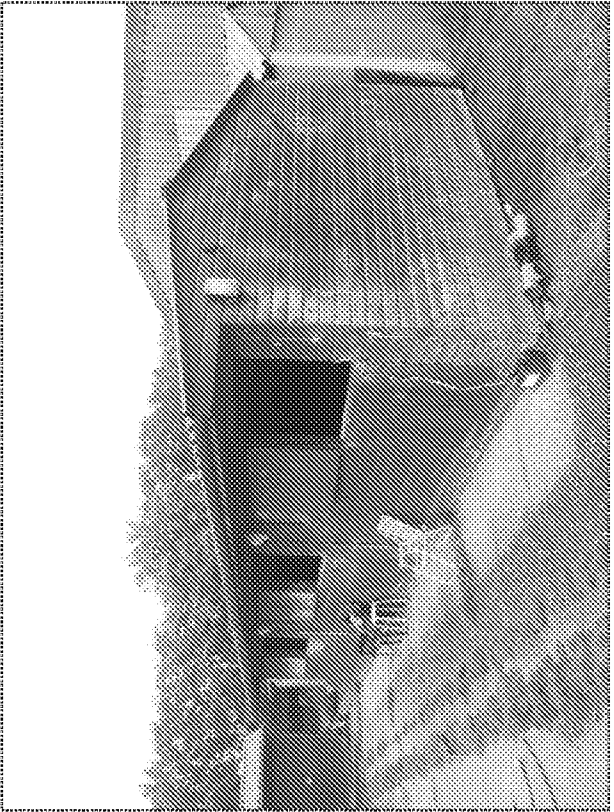
9.



10.



11.



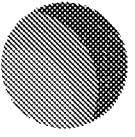
12.

Investigation Photographs

Project Ref: P19.117

Site Name: Merry England

- 9. Discarded materials, centre of site
- 10. Discarded materials, centre of site
- 11. Paddocks
- 12. Stables



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GEOTECHNICAL



13.



14.



15.



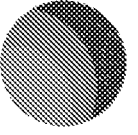
16.

Investigation Photographs

Project Ref: P19.117

Site Name: Merry England

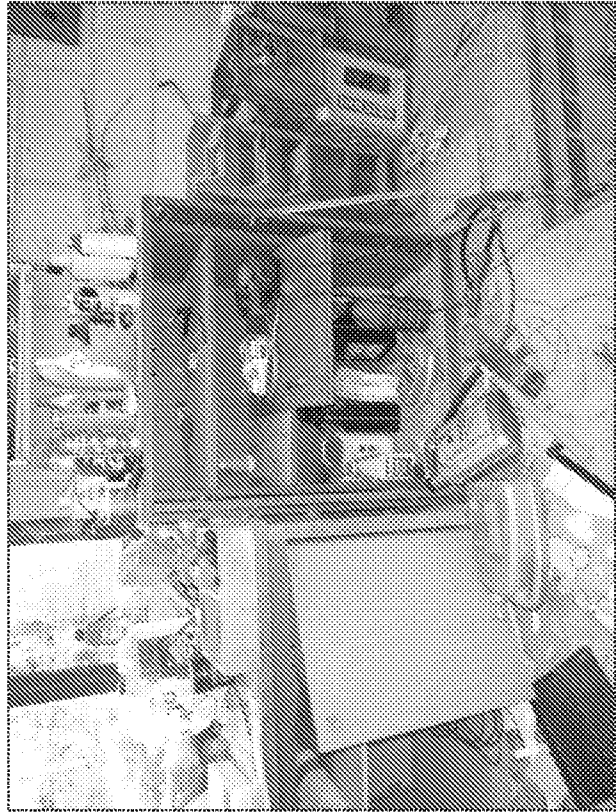
- 13. Neighbouring site SE
- 14. Domestic garden
- 15. Oil storage area
- 16. Oil storage area



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17.



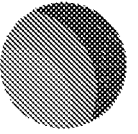
18.

Investigation Photographs

Project Ref: P19.117

Site Name: Merry England

- 17. Waste Oil container
- 18. Oil storage and inspection pit – bottom right



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