



# Land to the East of Totters Lane, Hook, Hampshire

## **Ground Conditions Desk Study**

# Land to the East of Totters Lane, Hook, Hampshire

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## Prepared for

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## Land to the East of Totters Lane, Hook, Hampshire

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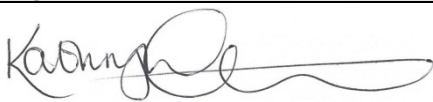


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# 61997R1. Final Report

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## REPORT SUMMARY

<b>Objectives</b>	To provide a geo-environmental desk based assessment of the Site to support a planning application to develop a Solar Farm at the Site, and make a desk based appraisal of ground conditions and any likely requirements for ground investigation and testing.
<b>The Site</b>	The 14.3 ha Site comprises primarily of agricultural land. The Site is located immediately to the east of Totters Lane, approximately 2km east of Hook town centre. The site lies directly north of the M3 motorway and south of the main rail line that runs through Hook, from London to the south-west of England
<b>Desk Study</b>	This report includes a desk study review of available published information which includes; an account of the historic land use for the Site and surrounding areas, local geology, hydrogeology and hydrology as well as previous investigative and planning records on the site and/or surrounding area. This information is used to develop an initial assessment of the geo-environmental and geotechnical risks at the site and provide a preliminary conceptual ground model which in-turn underpins the rationale for any subsequent intrusive investigation and fieldwork.
<b>Site History</b>	The Site has remained largely unchanged over the past 150 years for which historical mapping is available. The Site is bounded to the north by a railway line which dates from the mid 19 <sup>th</sup> Century and to the south by the M3 motorway, dating from the 1970s.
<b>Geo-Environmental Setting</b>	Geological mapping indicates that the west of the Site is relatively flat underlain by the London Clay Formation. The London Clay extends across the eastern area of the Site, however here it is overlain by sands of the Bagshot and Windlesham Formations which give rise to the higher ground across the northern and eastern portion of the Site. Both the Bagshot and Windlesham Formation consist variably of sand, silty sands, sandy silts and clay. Historic investigation data indicates that groundwater is encountered typically between 2.0 and 3.0 mbgl. Groundwater within the Bagshot and Windlesham Formation is classified as a Secondary A Aquifer. A number of ditches are present within the Site, which are considered to be in hydraulic continuity with the Bagshot and Windlesham Formations. These ditches discharge to the River Whitewater which is located to the west of the Site.
<b>Ground Contamination Assessment</b>	There are likely to be several potential local sources of contamination associated with on-Site agricultural buildings. Sources are likely to include fuel/oil storage and asbestos. Landfilling has been identified within the north-western portion of the Site. It is unclear whether the rest of the Site has also been subject to historical landfilling. Where present landfilled material may represent sources of contamination to shallow groundwater and surface water. The risks to human health are considered to be low for present Site users, however disturbance of made ground during construction may present a risk to construction workers. There is a risk of contaminants within landfilled materials and subsurface soils impacting shallow groundwater and these risks therefore be considered further. The risk of contaminated groundwater impacting on the River Whitewater has been identified, however attenuation within subsurface pathways are likely to reduce this risk. There is considered however to be a continued risk to on-Site surface water courses.
<b>Preliminary Geotechnical Assessment</b>	Underlying Bagshot and Windlesham Formation soils are anticipated to vary in composition, both laterally and vertically. Suitable site-specific data should be collected through in-situ and laboratory testing to improve the understanding of ground geotechnical properties and inform future construction design. Any investigations should be wholly proportional to the information required by the proposed Site Development.
<b>Recommendations</b>	The main issue is considered to be the risk of mobilisation of suspended solids, and existing on-Site contamination, which may be present in landfilled materials, into shallow groundwater and surface water. This may be most likely to occur during pile and surface installation, the latter may change infiltration rates across the Site. It would be prudent to obtain limited ground investigation information to assess soil leachability, the presence of asbestos and gas risk. Based on the proposed conceptual model for the Site wider environmental monitoring may be achieved through a limited programme of surface water monitoring. In-situ geotechnical testing may also be considered to inform proposed Site development, and in-situ hydrological/hydrogeological (soakaway) testing may also be required to support quantitative flood risk and drainage assessments for the Site which may be required under the National Planning Policy Framework (NPPF) (Department for Communities and Local Government, 2012 a and b).

# 1 INTRODUCTION

## 1.1 Instruction

ESI Limited (ESI) was commissioned to carry out a geo-environmental desk study assessment of land to the east of Totters Lane, Hook, Hampshire (the Site). Instruction to proceed was received from Rob Titherley of Britsolar Ltd. by email on the 15<sup>th</sup> November 2013.

## 1.2 Brief and development plans

The brief was to provide a geo-environmental desk based assessment of the Site to inform and support planning application to Hart District Council (Application Referenced 13/02089/MAJOR). It is understood that the proposed development is for a Solar Farm over a 17 hectare area of agricultural land. The proposed development includes the installation of individual solar panels, fitted onto a racking system which is secured by screw piles penetrating the ground to a depth of 1.5m. Ancillary works will also be required most notably the installation of electrical cabling in trenches of approximately 0.5 m deep. It is understood that the development will be designed for an operational lifespan of 30 years.

ESI understand that preliminary consultations have been undertaken with Hart District Council who have identified that:

*“Part of the site has been identified as being contaminated (this may be historic contamination). Consequently a Contaminated Land Study is required to be submitted.”*

The scope of work presented by this report therefore seeks to address the concern raised by Hart District Council regarding potentially contaminative historical land uses as the Site. This report also provides clear advice on the current land quality risks present at the site in order to support decision making regarding associated environmental risks and advise on any further work or investigations which may be required.

## 1.3 Report Scope

This report provides the following key elements:

- A record of the Site visit and visual inspection walkover including a discussion of the current Site status and key associated environmental influences observable by general visual inspection around the site;
- An historical Site and area review, primarily referring to past issues of Ordnance Survey Maps but utilising other sources such as published database records as appropriate and readily available;
- A discussion of the general expected ground and groundwater conditions within the topographical and area context referring to our own geological and hydrogeological maps library;
- Details of database search consultations available from key relevant agencies, including Local Authorities Environment Agency and British Geological Survey;
- A preliminary geotechnical and ground contamination assessment discussing the results of the research above, not only concerning potential on-site conditions/constraints and contamination but also an overview of the potential for migration to on or off-Site receptors; and
- A qualitative ground contamination assessment.

## 1.4 Limitations

It is noted that the findings presented in this report are largely based on information supplied by third parties. Whilst we assume that all information is representative of past and present conditions we can offer no guarantee as to its validity.

This report excludes consideration of potential hazards arising from any activities at the site other than normal use and occupancy for the intended land uses. Hazards associated with any other activities have not been assessed and must be subject to a specific risk assessment by the parties responsible for those activities.

The information contained in this report is intended for the use of Britsolar Limited and ESI can take no responsibility for the use of this information by any third party or for uses other than that described in this report or detailed within the terms of our engagement.

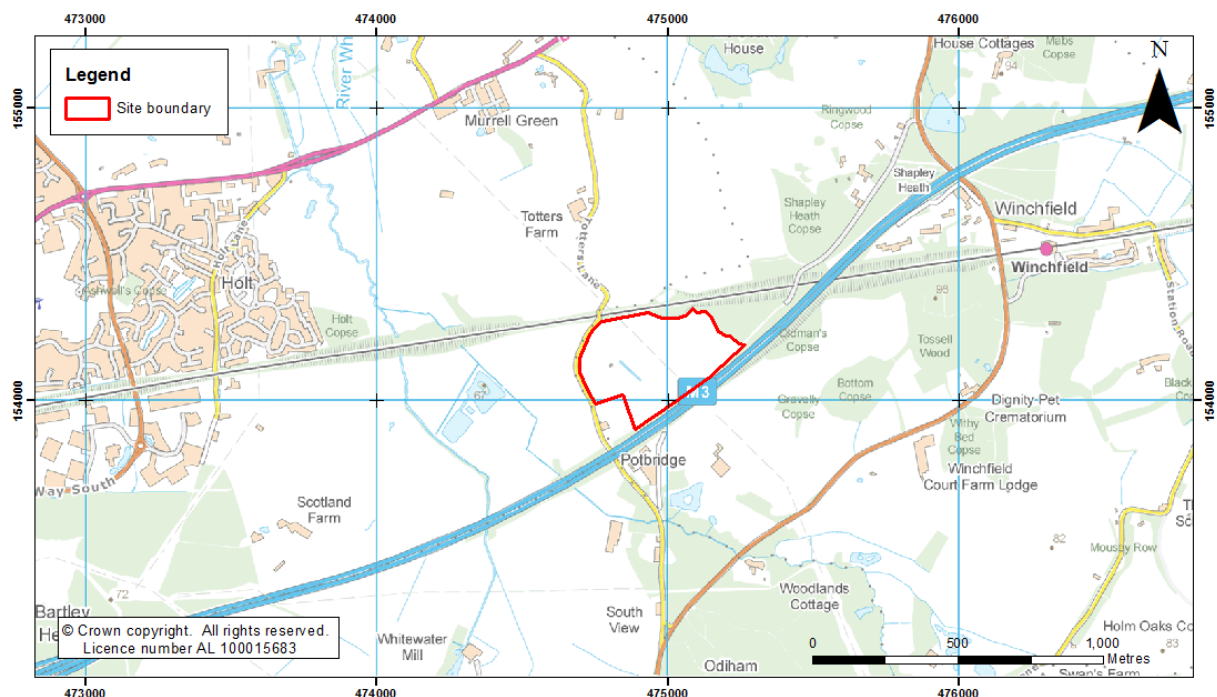
## 2 SITE INFORMATION

The Site covers an area of approximately 14.3 hectares and is located immediately to the east of Totters Lane, approximately 2km to the east of Hook town centre, Hampshire. The Site is centred on SU 74987 54162. A Site location plan is provided in Figure 2.1 below. The local setting of the Site is outlined in Table 2.1 below.

**Table 2.1 Surrounding land use**

<b>Site address</b>	Land to the East of Totters Lane, Hook, Hampshire (See Table 2.1 below)	
<b>NGR</b>	SU 74987 54162	
<b>Area</b>	Approximately 14.3 hectares	
<b>Topography</b>	Flat / gently sloping. Highest elevation approximately 85 maOD in the centre of the Site, and gently sloping to the south-west.	
<b>Site location</b>	The Site is located immediately to the east of Totters Lane, approximately 2km east of Hook town centre. The site lies directly north of the M3 motorway and south of the main rail line that runs through Hook, from London to the south-west of England	
<b>Current Site use</b>	At the time of inspection (21 <sup>st</sup> November 2013) the Site was used primarily for agricultural purposes with livestock held on Site (cattle and horses).	
<b>Ground coverage</b>	The Site comprises agricultural pasture with associated farm buildings and agricultural access tracks and infrastructure. Trees line the northern boundary of the Site and a public footpath, composed of hard standing is present on Site.	
<b>Surrounding land use</b>	North	Network Rail Mainline
	South & south-east	M3 Motorway
	West	Totters Lane

**Figure 2.1 Site Location**



## 2.1 Site Summary

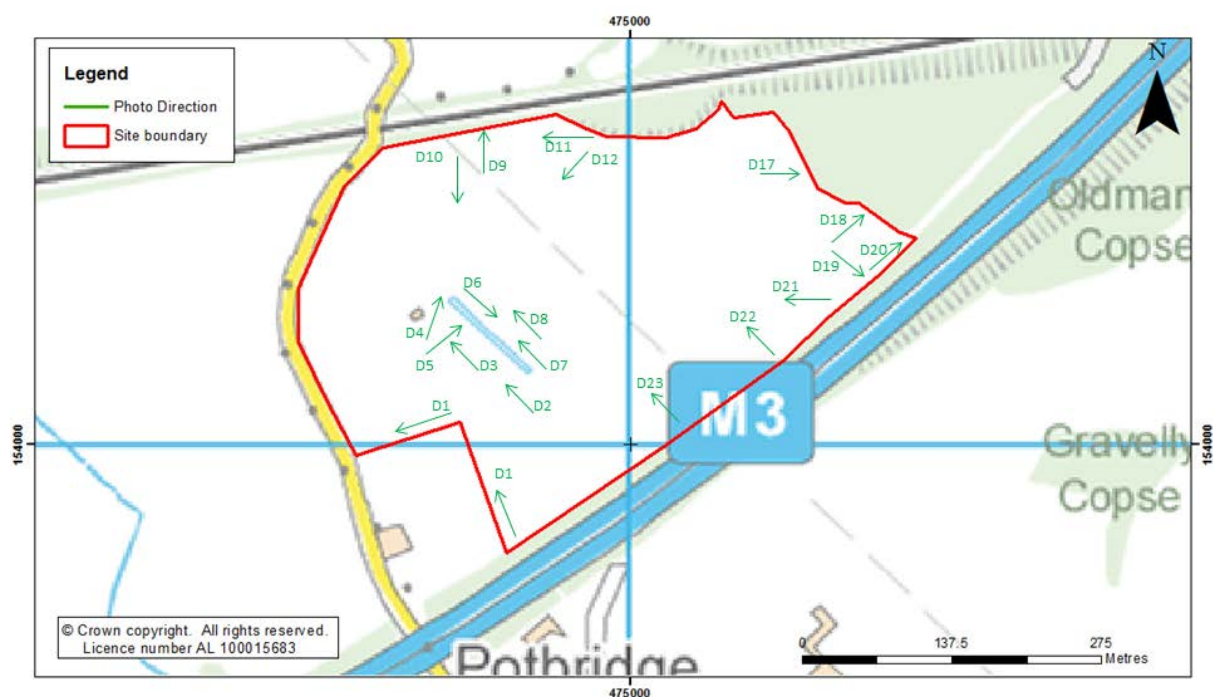
The 14.3 ha Site comprises primarily of agricultural land located between the London to South West main line to the north and the M3 motorway to the south. A barn and associated infrastructure are located on Site which presents a number of environmental risks.

It is understood that the Site has been subject to historical landfill activity, details of which will be discussed in following sections. A 'Stop Notice' was also issued by Hart District Council in 2001 relating to un-approved excavation and earthmoving works (Appendix H).

## 2.2 Detailed Site Description

ESI representatives undertook a walkover of the site on the 21<sup>st</sup> November 2013. A photographic record of the Site visit is provided in Appendix D, with a location plan for photographic views provided in Figure 2.2.

**Figure 2.2 Site walkover photographic views**



### Access

The Site is accessible by vehicle from Totters Lane via three separate gated entrances. Totters lane runs adjacent to the western boundary of the Site. The two main entrances are located a) directly north of Paynes cottage and b) level with the farm. A fourth gated entrance is also present along the north-eastern boundary near Beggars Corner.

A public footpath is located on Site, which follows within the Site boundary, parallel to the M3 Motorway.

In general, access to the Site is reasonable for ground investigation plant and equipment if required.

### Levels

The landscape of the Site is undulating with the land sloping relatively steeply from the north-west to the south-west. There are two defined topographical depressions in the on-Site landscape running northeast-southwest in the northern area of the Site. The highest elevation is approximately 85 maOD in the centre of the Site falling away to 70maOD at the western boundary of the Site adjacent to Totters Lane. The land adjacent to the eastern boundary of the Site, in an area of woodland known as 'Beggars' Corner' is uneven and is



thought to be associated with former landfilling. Evidence of waste at the ground surface (primarily concrete, brick and metal) was observed as indicated in photographs provided in Appendix D.

### ***Key features and uses***

The Site was primarily given over to grass, and livestock were grazing across the Site. High voltage transmission lines cross the Site from the south-east to the north-west. An agricultural barn is present within the central area of the Site. Photographic records from the recent Site visit suggest that roofing of on-Site structures comprises of asbestos containing materials (ACM). The area in the vicinity of the barn appeared to be in use for a number of associated agricultural purposes including plant and materials storage. No evidence was observed of existing spills or on-Site surface contamination.

### **2.3 Sensitive Sites**

The Site is located within 500m of one designated sensitive site; “Odiham Common With Bagwell Green & Shaw” Site of Special Scientific Interest (SSSI) located approximately 150m to the south of the Site and the M3 motorway, as indicated by Appendix A. This 128 hectare SSSI is notified under Section 28 of the Wildlife and Countryside Act, 1981. A copy of the SSSI citation is provided in Appendix E.

### 3 GEOLOGICAL, HYDROGEOLOGICAL & HYDROLOGICAL SETTING

#### 3.1 Geology

The Site is covered by British Geological Survey (BGS) Sheet No. 284 (Basingstoke).

There are no superficial deposits indicated to be present at the Site.

Bedrock geology at the Site consists of the London Clay Formation (clay, silt and sand) overlain by the Bagshot Formation (sand) and the Windlesham Formation (sand). All three formations are Tertiary in age, forming part of the Eocene Epoch (Palaeogene Period). The London Clay Formation forms part of the Thames Group and the overlying formations form part of the Bracklesham Group.

The solid geology outcrops oldest to youngest from west to east across the site. Both the boundaries between the Bagshot Formation and the London Clay Formation, and the Bagshot Formation and the Windlesham Formation are erosional.

A summary of the local geological succession, derived from BGS mapping and data is provided in Table 3.1. Geological mapping geology at the Site and in the surrounding area can be found in Appendix C.

**Table 3.1 Geological Succession**

Age	Group	Formation	Approximate Thickness (m)	Predominant Lithologies
Tertiary	Bracklesham Group	Windlesham Formation	0 – 20m	Glauconitic sands
		Bagshot Formation	32 - 45m	Fine- to coarse-grained sand that is frequently micaceous and locally clayey, with sparse glauconite and sparse seams of gravel.
	Thames Group	London Clay Formation	30 – 100m	Bioturbated or poorly laminated, slightly calcareous, silty to very silty clay, clayey silt and sometimes silt, with some layers of sandy clay.

A number of borehole logs have been identified within of in the immediate vicinity of the Site from BGS online databases (BGS, 2013). It is understood that these boreholes were originally completed to inform the design and positioning of the M3 motorway immediately to the south of the Site. A summary of salient information regarding these boreholes is provided in Table 3.2. Full borehole records and a borehole location plan are provided in Appendix F. It is considered that the information presented by the BGS boreholes is consistent with the geological conceptualisation for the Site presented above.

**Table 3.2 BGS borehole information**

<b>BGS borehole ID</b>	<b>Location</b>	<b>Coordinates</b>	<b>Depth</b>	<b>Salient Information</b>
SU75SW78 (M3 Popham/Hawley BH460)	Western boundary of Site at Totters Lane	474710,154040	7.62 m	<ul style="list-style-type: none"> <li>• Borehole extended in June 1966 by Shell and Auger method.</li> <li>• Ground level at 226.75 ft (c. 69.10 maOD)</li> <li>• Water Struck at 8ft bgl (c. 2.4 mbgl); recovered to 3ft (c. 0.91 mbgl)</li> <li>• Strata encountered consisted of; topsoil underlain by firm brown gray mottled silt, clay and fissured clay (considered to be London Clay)</li> </ul>
SU75SW79 (M3 Popham/Hawley BH461)	Within central/western area of Site	474850,154120	7.62 m	<ul style="list-style-type: none"> <li>• Borehole extended in June 1966 by Shell and Auger method.</li> <li>• Ground level at 248.02 ft (c. 75.60 maOD)</li> <li>• Water Struck at 13 ft bgl (c. 3.96 mbgl); remaining at to 13ft (c. 3.96 mbgl)</li> <li>• Strata encountered consisted of; topsoil underlain by firm brown gray mottled silty, clay and sand with traces of clay (considered to be Bagshot Formation)</li> </ul>
SU75SW83 (M3 Popham/Hawley BH462)	Within centre of Site	474980,154120	7.62 m	<ul style="list-style-type: none"> <li>• Borehole extended in June 1966 by Shell and Auger method.</li> <li>• Ground level at 257.70 ft (c. 78.55 maOD)</li> <li>• Water Struck at 7.6 ft bgl (c. 2.32 mbgl); recovered to 5ft (c. 1.52 mbgl)</li> <li>• Strata encountered consisted of; topsoil underlain by firm brown silty, clay, underlain by firm light brown grey mottled silty clay with silty and sandy pockets and laminations, becoming more sandy with depth (considered to be Bagshot Formation)</li> </ul>
SU75SE1 (M3 Popham/Hawley BH463)	Within central/western area of the Site	475140,154130	7.62 m	<ul style="list-style-type: none"> <li>• Borehole extended in June 1966 by Shell and Auger method.</li> <li>• Ground level at 267.35 ft (c. 81.50 maOD)</li> <li>• Water Struck at 23 ft bgl (c. 7.0 mbgl); remaining at to 23ft (c. 7.0 mbgl)</li> <li>• Strata encountered consisted of; topsoil underlain by firm brown and gray mottled silty sandy clay with stones, underlain by light brown sand (considered to be Bagshot Formation) and stiff sandy clay at depth.</li> </ul>
SU75SE5/A-D (M3 Popham/Hawley BH475,476,477)	Within the east of Site, immediately adjacent to M3	475240,154150	15.24 m	<ul style="list-style-type: none"> <li>• Borehole extended in May 1966 by Shell and Auger method.</li> <li>• Ground level at 281.26 ft (c. 65.65 maOD)</li> <li>• Water Struck at 40 ft bgl (c. 12.20 mbgl); recovering to 3.5ft (c. 1.0 mbgl)</li> <li>• Strata encountered consisted of; topsoil underlain by soft to firm brown green mottled silty clay underlain by clay, sand and light sand (considered to represent both the Windlesham and Bagshot Formations)</li> </ul>

## **3.2 Hydrogeology**

### **3.2.1 Local Hydrogeology**

Envirocheck mapping included in Appendix A indicates that both the Bagshot Formation and the Windlesham Formation are classed as Secondary A Aquifers (permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers). The London Clay formation is classed as unproductive strata where the rock layers have low permeability that have negligible significance for water supply or river base flow.

The Site is not located within a groundwater Source Protection Zone (SPZ) assigned for the risk of contamination from any activities that might cause pollution in the area, nor are there any SPZs within 1,000m of the Site. Envirocheck data and mapping (Appendix A) indicates that there are no licenced groundwater abstractions within 1,000m of the Site.

The Bagshot formation yields “good quality” water (Neumann et al., 2004) and a number of groundwater abstraction licences are registered as abstracting from the formation. Yields of 150m<sup>3</sup>/d are commonly obtainable (although yields of up to 600m<sup>3</sup>/d have been measured). The formation has low matrix permeability but high effective porosity and thus high storage capacity (Neumann et al., 2004).

Significant local variation may occur due to variations in sand and clay content (Jones et al. 2000) and lithological variation between the different formations is the main control on permeability and transmissivity in the area (Neumann et al., 2004). This is considered to be consistent with the geological records summarized in Table 3.2.

### **3.2.2 On-Site Hydrogeology**

The topography of the Site is considered to be influenced by prevailing geological strata across the Site, with the London Clay forming the relatively flat land within the west of the Site and the Bagshot Formation and the Windlesham Formation forming the higher ground to the east (as supported by BGS borehole records summarised in Table 3.2).

The low permeability nature of the London Clay, underlying the Site (at depth to the east) is likely to give rise to a local groundwater table within the Bagshot and Windlesham Formations. Although data summarised in Table 3.2 cannot be relied upon, it supports the conceptualisation that a relatively shallow groundwater body exists within the Bagshot and Windlesham formations in the east of the Site.

Although contemporary Site specific groundwater data is not available however it is considered reasonable to assume hydraulic continuity between shallow groundwater bodies within on-Site Palaeogene strata (Bagshot Formation and the Windlesham Formation).

A boggy area with surface water ditches was observed on the Site visit (Appendix D) in the centre of the Site, which is considered to be representative of shallow groundwater emerging from the more permeable deposits forming the higher ground to the east of the Site, at the point where the lower permeability London Clay forms the primary on-Site geology.

Based upon the conceptualisation presented above, it is considered that hydraulic pathways may exist between any historical waste deposits within the Site and local groundwater and surface water receptors.

## **3.3 Hydrology**

### **3.3.1 Local Hydrogeology**

The River Whitewater is the primary receiving watercourse for surface water arising from the Site and is located approximately 300m west of Site. A tributary of the River Whitewater rises to the south of the Site and the M3 motorway, the line of which is consistent with the transition between the permeable Bagshot Formation and the Windlesham Formation and the less permeable London Clay.

The main tributary of the River Whitewater rises from the Basingstone Canal approximately 2.5 km to the south west of the Site. Both tributaries converge approximately 500m to the north-west of the Site, immediately to the east of the town of Holt.

Based upon the hydrogeological conceptualisation presented above and the headwaters of the River Whitewater rising at the surface junction of the Bagshot Formation and London Clay, the River Whitewater is considered to be the primary off-Site surface water receptors.

Envirocheck data and mapping (Appendix A) indicates that there are no licenced surface water abstractions within 1,000m of the Site.

### **3.3.2 On-Site Hydrology**

There are a number of surface water features present within the Site, photographs of which can be seen in Appendix D.

The primary on-Site drain is located in the vicinity of the on-Site agricultural barn upon the London Clay. It is conceptualised that this drain collects both local surface water drainage and is also fed by groundwater emerging from permeable deposits within the east of the Site. It is understood that this drain flows in a north-westerly direction and may follow culverts prior to discharge into the River Whitewater.

At the time of the Site visit, evidence of oil sheen was observed on surface water within the Site, however it is not known whether this represents an indication of contamination resulting from present or historical land use or natural influencing factors.

A smaller surface water drain/ditch is present along the southern boundary of the Site by Paynes Cottage. The exact pathway of this drain is not clear, however it would be reasonable to assume that it drains towards the larger on-Site drain and in turn into the River Whitewater.

### **3.3.3 Flood Risk**

The flood plain of the River Whitewater extends to within 300m of the western Site boundary (Appendix A). Land within the Site is therefore not considered to be at risk of flooding from rivers.

It is recommended that a suitable flood risk assessment be undertaken for the proposed Site development in accordance with the new National Planning Policy Framework Technical Guidance (2012).

### **3.4 Radon**

According to current UK radon mapping (Miles et al., 2007) the Site lies in an area where 0-1% of homes are at or above the UK residential radon action level (200 Bq/m<sup>3</sup>). Therefore a specific radon report has not been obtained.

### **3.5 Mining**

There is evidence from historical mapping (Appendix B) of small scale surface mining. On site there is evidence of a sandpit adjacent to the western boundary measuring approx. 70m x 20m in 1897 expanding to approximately 70 x 30m by 1912. The footprint of the sandpit remained until 1983.

Evidence of surface mining is also present directly north of the Site on the northern side of the railway line. Historical mapping indicated the presence of a disused pit from 1983.

The Site is not located within a coal mining search area.

## 4 LANDFILL

### 4.1 Preliminary assessment of historical landfilling

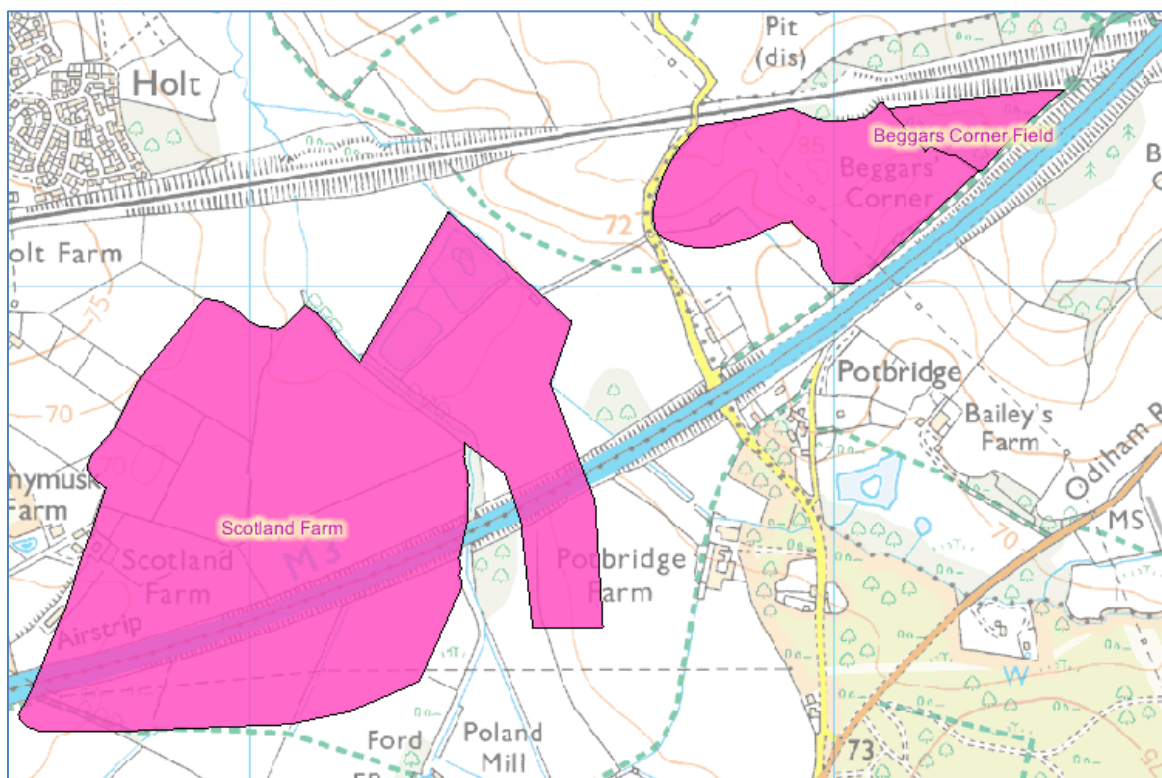
ESI's preliminary assessment identified two historical landfill areas within the Site boundary.

A summary of identified landfill areas is provided in Table 4.1, consistent with information presented by Environment Agency (2013) and within Appendix A (Figure 4.1 and Figure 4.2). It should be noted that although Figure 4.1 indicates 'Scotland Farm' to be to the west of the Site, the area of indicated landfilling within much of the Site is also classified as 'Scotland Farm'. Only the parcel of land immediately to the east of the Site, forming a wedge between the railway and M3 is identified as 'Beggars Corner' landfill. It is however considered that 'Beggars Corner' may also partially extend into the eastern boundary of the Site.

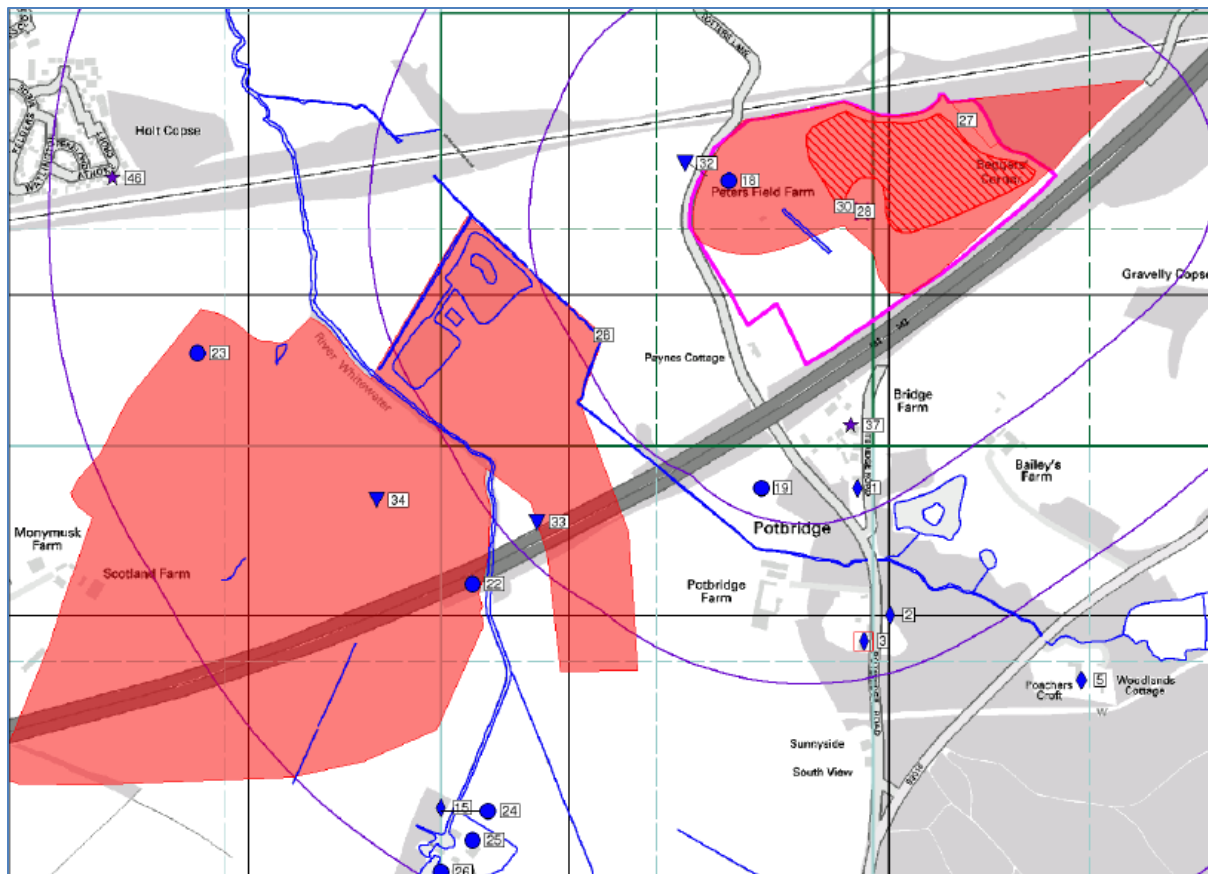
**Table 4.1 Preliminary on-Site landfill area identification**

Landfill area No	Landfill area name	Summary	Information Source
1	Scotland Farm, Potbridge	The details of the waste type and operation dates are not available however, the mapped extent of the landfill (seen in Appendix A) covers 75% of the extent of the Site and also a large area to the west of Totters Lane, either side of River Whitewater.	Envirocheck Data (Appendix A); Environment Agency (2013)
2	Beggars Corner Field	Deposited Waste included Inert, Industrial, Commercial and Household Waste" between 8th April 1986 and 31st December 1986. The licence was initially issued to D Brant Estates Ltd on the 15th March 1984 (Ref: 2/ 22c). The mapped extent of the landfill is located directly adjacent to the Site in the far eastern corner of the land between the railway line and the M3 motorway.	

**Figure 4.1 Preliminary landfill identification (after Environment Agency, 2013)**



**Figure 4.2 Preliminary landfill identification (after Envirocheck mapping provided in Appendix A)**



### 4.3 Regulatory Context

In all cases at the time of landfilling waste management was regulated under the provisions of the Control of Pollution Act (1974). Under these provisions it was the local authority that had the responsibility for issuing and regulating Waste Disposal Licences (WDL) for landfill activities. Since the introduction of the Waste Management Licensing Regulations (1994) and more recently the Environmental Permitting Regulations (2007) it has been that the Environment Agency have been the regulatory body responsible for the licencing/permitting of waste management sites.

### 4.2 Regulatory Consultation

Following identification of possible historical landfilling within the Site, enquiries were made by ESI to relevant statutory authorities to ascertain further information regarding any historical landfilling at the Site. Discussions were undertaken with: the Environment Agency; Hart District Council; and Hampshire County Council.

A summary of information received from each statutory authority regarding historical landfilling at the Site is summarised in Table 4.2 below.

**Table 4.2 Discussions with statutory authorities**

Authority	Contact	Summary of information available
Environment Agency	Dawn Cooper	Environment Agency do not hold any more information than has already been obtained from Envirocheck (Appendix A)
Hampshire County Council	Geraint James	Hampshire County Council do not hold any information and recommenced contact with Hart District Council
Hart District Council	Aimee Harris	Limited information available, and there is limited certainty with regard to what may have been approved and therefore permitted at the Site. All information provided by Hart District Council is provided in Appendix G and summarised below.

#### 4.2.1 Hart District Council Consultation

Two separate historical planning application references regarding the Site, potentially having some information on historical landfilling, were obtainable from Hart District as detailed in Table 4.3:

**Table 4.3 Information from Hart District Council**

Planning Ref	Date	Name
HDC/06505	c.1980	Reinstatement of sand pit for agricultural use
HDC/08774	c. 1980	Extraction for sand for the M3 Motorway

Decision notices relating to the above planning matters are not available from Hart District Council, however a number of correspondence letters have been obtained Appendix G). The salient points from which are summarised below:

- An application was made for the extraction of sand from the Site for the M3 motorway (HDC/08774) and subsequent reinstatement for agricultural use (HDC/06505). Note; the M3 motorway is referred to as the Odiham bypass in the correspondence (Appendix G).
- Initial extraction of sands from the Site is believed to have ceased in October 1980.
- The correspondence (Appendix G) post-dates the extraction phase, some landfilling is on-going but has not been completed to final restoration levels;
- The initial planning permission allowed for reinstatement of the land within the Site for agricultural use within 12 months of the extraction; any overburden/reject material was to be returned to the Site to effect restoration;
- Appendix G indicates that insufficient overburden/reject material was returned to the Site to effect approved restoration levels, despite chalk fill/hardcore being brought to Site to improve waterlogging conditions.
- The applicant proposed to make up the volumetric difference (approximately 60,000 m<sup>3</sup>) through the importation of inert fill material to restore the Site. The land owner at the time is noted to be Mr G. E. Blay.
- Correspondence provided Appendix G also indicates the landowner's intentions to clear part of the woodland to the east of the Site (Beggars Corner). This was considered necessary to allow for the grading of the area to merge its level with the



proposed final levels of the workings. These proposed plans were again objected to by the planning authority (Appendix G).

Unfortunately the summary above of correspondence provided in Appendix G indicates a somewhat limited record of activities and reinstatement of the Site. No further details are available regarding the issues associated with the re-instatement of the land and the actions taken.

#### **4.3 Stop notice issued by Hart District Council**

In addition to the permitted landfilling of the site, a Stop Notice(s) was issued by Hart District Council to Mr. P. Blay, Mr D Blay and Mr Roberts on 2<sup>nd</sup> February 2001 (Appendix H).

The Stop Notices were issued with regards to the carrying out of engineering works primarily consisting of excavation and earth moving works across the full extent of the Site in addition to Beggars Corner Field located directly adjacent to the eastern boundary of the Site. The exact nature of the works being undertaken on the Site, to which the stop notice refers, is unknown. There is no evidence within the Stop Notices to indicate that the activities involved the management of controlled wastes.

#### **4.4 Visual assessment of historical landfilling**

ESI's visual assessment of the Site (Photographs provided in Appendix D) suggests that the historical landfilling of waste materials is limited to the north-eastern area of the Site (to the north-east of the electricity transmission lines and to the south-west of Beggars Corner). This land appears as a moderately raised area, which is not consistent with the 'natural' topographical profile represented by the majority of the Site. Furthermore, as useful sand deposits are likely to be most viable to the north-east of the Site, sand excavation and subsequent landfilling is most likely to be restricted to this area (the west of the Site is underlain by London Clay and not usable sand deposits).

Visual inspection of this area of the Site showed clear evidence of historical waste deposition, this included undulating ground with poor quality vegetation coverage (indicative of a poor level of restoration with materials being tipped from the rear of a vehicle and no re-grading undertaken); exposed concrete, brick and construction rubble and relatively frequent metal objects both on an immediately below the surface.

#### **4.2 Local Authority Opinion of Site under Part 2A of Environmental Protection Act**

Informal telephone and email discussion was made with Neil Hince (Principal Environmental Health Officer at Hart District Council) to ascertain whether the local authority held any concerns regarding potential historical contaminative land uses of the site and their view of the site under Part 2A of the Environmental Protection Act 1990. The discussion indicated that the local authority:

- Do not intend to take any action regarding the Site under Part 2A of the Environmental Protection Act 1990;
- Have identified the Site as being on their register of potentially contaminated Sites (hence their request for a contaminated land study); and
- Recognise the presence of historical landfilling within the Site boundary, and that intrusive ground investigations may be required to characterise the nature of and therefore the risk posed by this material.

#### **4.5 Landfill summary**

Based on consultations with relevant statutory authorities, it is apparent that information regarding historical landfilling within the Site is limited. Based upon the information presented above deposited waste may include inert, industrial, commercial and household wastes. The depth and spatial extent of historical landfilling is however unclear and should be considered further in the context of proposed Site development.

## 5 SITE HISTORY

### 5.1 Introduction

The historical development of the Site and surrounding area has been assessed using available extracts of historical Ordnance Survey (OS) maps. The following section should be read in conjunction with the map extracts, which are presented in Appendix B.

### 5.2 Site History

The earliest available historical mapping dates from the mid-1870s and there has been relatively little change to land use across the Site since this time.

At the time of mapping in the 1870s, the Site consisted of agricultural land and forestry. It is also noted that at this time, the present railway line (the South Western Main Line), which runs east-west along the northern boundary of the Site, is present. This line originally opened between 1846 and 1848.

### 5.3 Detailed Review of Site History

The earliest available historical mapping dates from the mid-1870s and there has been relatively little change to land use across the Site since this time.

**Table 5.1 Site History**

Map Date and Scale	Within Site boundary	Surrounding Site boundary
1873-1875 (1:10,560 scale) OS Mapping	Site consists of a number of agricultural fields. Trees line the road that runs along the south-eastern boundary of the Site. A number of trees also line smaller fields in the western extent of the Site and a channel running northeast-southwest in the western extend of the Site.	<p>The majority of surrounding land comprises agricultural land.</p> <p>The South Western Main Line railway line forms the northern Site boundary.</p> <p>The lane currently known as Totters lane runs along the western boundary of the Site.</p> <p>A road (in the current location of the M3 motorway) runs along the south-eastern boundary.</p> <p>No development has occurred along the southern Site boundary.</p> <p>The western boundary is juxtaposed against woodland in the area known as Beggars Corner.</p> <p>The footprint of a building is noted adjacent to the south-western boundary of the site. Later known as Paynes Cottage.</p> <p>A number of properties are noted 750m south of the Site in the village of Potbridge.</p> <p>Winchfield Brickworks is located 2km to the east of the Site.</p>
1897 (1:10,560 scale) OS Mapping	<p>There are no trees on Site.</p> <p>A sand pit is located in the north-western corner of the Site.</p>	No significant changes.

1912 (1:10,560 scale) OS Mapping	The footprint of the sandpit has expanded to the east.	<p>No significant changes.</p> <p>A number of new residential properties appear close in and surrounding the village of Potbridge to the south.</p> <p>A footpath/track is now visible running northwest-southeast through Beggars Corner</p>
1932 (1:10,560 scale) OS Mapping	No significant change on Site. The sand pit is no longer labelled, however the footprint is still visible.	No significant changes observed.
1938/39 (1:10,560 scale) OS Mapping	No mapping data available (limited coverage)	No mapping data available (limited coverage)
1947 (1:10,560 scale) Historical Aerial Photography	No significant change on Site.	No significant changes.
1961/62 (1:10,000 scale) OS Mapping	<p>A flow direction to the southwest is noted in the channel in western extend of the Site.</p> <p>No other significant changes within the Site</p>	No significant changes.
1972/73 (1:10,000 scale) OS Mapping	No significant change on Site.	The M3 motorway has been developed directly to the southeast of the Site, adjacent to the south-eastern boundary of the Site. This replaces the road that originally ran along the south-eastern boundary and through Potbridge.
1983-1985 (1:10,000 scale) OS Mapping	<p>A new high voltage power line has been constructed running southeast – northwest across the Site with one present centrally within the Site.</p> <p>The footprint of two buildings is present in the western extent of the building. A drain is labelled running northwest - southeast across the Site before doglegging around the buildings and running along the previously identified channel.</p> <p>The footprint of the sand pit on site is no longer present</p>	<p>Power lines which cross the Site extend beyond the Site boundary.</p> <p>A pit (disused) is labelled directly to the north of the Site on the opposite side of the railway line.</p> <p>The footprint of Totters' farm is now present to the north of the Site.</p> <p>Totters Corpse, woodland to the west of the Site has been reduced in size and is now only present to the north of the railway line.</p> <p>There is a large surface water feature (lake or pond) approx. 300m west of the Site.</p>
1993 (1:10,000 scale) OS Mapping	Limited mapping coverage.	<p>The footprint of Totters Farm to the north of the Site has expanded.</p> <p>Totters Corpse is no longer present. Vegetation at Beggars Corner reduced.</p>

## 6 PRELIMINARY GEOTECHNICAL ASSESSMENT

### 6.1 General Ground Conditions

The preceding section presents an outline of limited available records of on-Site and local investigations. It indicates that ground conditions are consistent with those described in earlier sections of this report which have been based upon published geological maps and memoirs.

In summary it is anticipated that London Clay will be present at the surface across the western portion of the Site. The London Clay is likely to extend to a depth of up to 100 mbgl.

Sandy deposits of the Bagshot and Windlesham Formations are likely to be encountered in intrusive locations across the north and eastern areas of the Site, but will be absent to the west of the Site where the London Clay outcrops at the surface. Where present, the Bagshot and Windlesham Formations are likely to extend to depths in excess of 5.0 mbgl, and may continue to depths of >10 mbgl in locations to the north-west of the Site.

Made ground consisting of historically landfilled materials is conceptualised to be present across the north-western area of the Site. The precise extent, both in terms of lateral extent and depth, of historically landfilled material is however unknown.

The hydrogeological setting for the Site presented in previous sections is considered to remain accurate, however it is recognised that groundwater is estimated to be encountered at relatively shallow depths below the Site, typically at between 2.0 and 3.0 mbgl. Groundwater conditions may show significant spatial and seasonal variation both across the Site and with depth due to the variable nature of shallow geological deposits and considerable heterogeneity within the geological strata.

### 6.2 Foundations (if applicable)

Shallow deposits of the Bagshot and Windlesham Formations and London Clay should be suitable founding strata depending on loadings. It is understood that screw piles of approximately 1.5m length will be used to support individual solar arrays. Where these are installed in the Bagshot and Windlesham Formations and London Clay a stable foundation should be achievable although local variation may mean that deeper screws are required to achieve stability. Some limited ground investigation is recommended to confirm this.

Made Ground (including Landfill deposits may be weak, compressible and contain obstructions. This may mean that longer screw piles are required and also that installation of piles is hampered by obstructions (e.g. bulk concrete). Ground investigation is recommended to confirm the properties of the shallow made ground / landfill soils.

The shallow groundwater table will need to be considered with regard to foundation design and management of water which may flow into excavations for foundations and services. There is limited potential for previous buried structures on the Site (relic foundations, services, utilities and sewage tanks etc) although obstructions may be present in the landfill. These may present a constraint or hazard to development and should be investigated.

### 6.3 Floor slabs and pavements (if applicable)

It is anticipated that temporary access roads will be required to facilitate construction and future maintenance. Depending on the specification and dynamic loadings anticipated roads and pavements may require a degree of capping beneath the sub-grade but this is not possible to determine without intrusive ground investigation. Some limited ground investigation is recommended to confirm requirements.

### 6.4 Services

Prior to any intrusive Site investigations and construction being undertaken detailed contemporary service plans should be obtained to ensure safe working and suitable stand-offs from buried and overhead services. Appropriate risk assessments should be undertaken

in advance of Site works and appropriate safe working practices adhered to by all workers. A number of potential buried and overhead services have been identified in Table 6.1.

**Table 6.1 Preliminary Service Identification**

<b>Service</b>	<b>Detail</b>
<b>High voltage transmission line</b>	Multiple steel cable transmission lines cross the length of the Site from the M3 in the south to the railway line in the north. One transmission pylon is present within the Site boundary. Lines assumed to be of high voltage (up to 400kV) and may be part of National Grid's transmission network. Any work in the vicinity of the transmission line should only be undertaken following consideration of necessary guidance and appropriate stand-offs.
<b>Medium voltage distribution lines</b>	Multiple steel cable distribution lines traverse the southern corner of the site (by Paynes Cottage) supported by wooded telegraph pole pylons. Cables cross the M3 terminating at an electrical substation to the south of the Site. Any work in the vicinity of the distribution line should only be undertaken following consideration of necessary guidance and appropriate stand-offs.
<b>Gas distribution</b>	It is understood that a gas main follows a course through the centre of the Site. Any work in the vicinity of the distribution line should only be undertaken following notification of the gas utility provider and consideration of necessary guidance and appropriate stand-offs.
<b>Network Rail</b>	The London to the South-West railway line follows the northern boundary of the Site. Any work in the vicinity of the railway line should only be undertaken following consideration of necessary guidance and appropriate stand-offs and liaison with Network Rail if appropriate.

## 7 SITE CONCEPTUAL MODEL AND GROUND CONTAMINATION ASSESSMENT

### 7.1 Overview

In general, ground contamination can occur through several causes, particularly from historical operations and activities. The contamination can result from either on site sources or from on-site migration from off-site sources, leading to long term liabilities under recent legislation for any site owner.

The Environment Act 1995 (Section 57) makes provisions for a risk based framework for the identification, assessment, management and redevelopment of contaminated land within the UK. The provisions of the Act came into effect in England and Wales in July 2001 and are aimed at ensuring that actions taken with respect to contaminated land are directed by a technically well founded assessment of risk.

The process of risk assessment is an evaluation of the probability of harm, and comprises the identification of sources of contamination, receptors that may be affected by the contamination and pathways by which the receptors may be harmed.

A preliminary site conceptual model for the Site is presented and is based on the Site information presented in the preceding sections and observations from the Site walkover survey. The site conceptual model forms the basis for the qualitative assessment of ground contamination risks associated with the Site also presented herein.

### 7.2 Site Conceptual Model

The conceptual model for the Site reflects the historical land use recorded on the Site as well as the observations recorded during the site walkover inspection. The key source, pathway, receptor model is outlined below.

### 7.3 Sources

The main potential sources of contamination on the Site are associated with existing features as well as historical land uses on the site. The key identified potential sources are summarised below.

- Landfilled material associated within historical landfilling within the Site; and Fly-tipped material at the surface (localised and limited);
- Storage of oils/fuels within the Site (notable locations include onsite farm buildings), including those held within farm vehicles used on-Site and potential soil and shallow groundwater contamination arising from spills and/or leaks from fuel tanks located within the Site. It should be noted however that no visual evidence of spills or surface contamination was noted during the Site visit on 21<sup>st</sup> November;
- Potential contamination resulting from the development and operation of the railway to the north of the Site and the M3 Motorway to the South;
- Possible in-ground asbestos resulting from previous development across the Site (notable locations include onsite farm buildings and installation of the high voltage power line);
- Potential ground gas/vapour (associated with historically landfilled materials).

### 7.4 Pathways

The primary pathways by which sensitive receptors may come into contact with ground contamination are considered to be the following:

- Direct dermal contact or ingestion of soils, or inhalation of dust (i.e. human interaction with surface and sub-surface materials);

- Leaching and horizontal or vertical migration through the unsaturated soils, either through permeable sub-surface materials and/ or preferential pathways;
- Lateral and vertical migration of groundwater through permeable sub-surface materials and/ or preferential pathways;
- Direct run-off from the Site into local surface water courses or groundwater pathways to surface water courses which are in hydraulic continuity with groundwater; and
- The migration and accumulation of gases or vapours through permeable sub-surface materials and/ or preferential pathways.

## 7.5 Receptors

A number of potentially sensitive receptors have been identified as follows:

- Site users including: Occupants & workers at the current farm and transient receptors including walkers using footpaths within the Site;
- Future users of the site; receptor groups will have differing degree of risk of exposure to any contamination due to their differing pattern of use and differing potential for exposure to contaminated soils;
- Site construction workers during development and engineering works associated with the proposed solar farm;
- Shallow groundwater within the Bagshot and Windlesham Formations (Secondary Aquifers);
- Surface water within the surface water drainage channels and the receiving River Whitewater; and
- Neighbouring sites and site users/occupants.

## 7.6 Ground Contamination Risk Assessment

The source, pathway, receptors identified above are outlined and a qualitative risk assessment shown in the following table (Table 7.1). The assessment presented in Table 7.1 has been conducted based upon the methodology presented by CIRIA 552 (Rudland et al., 2001), a summary of which is presented in Appendix I.

The risk assessment considers the site within an area context and assesses perceived risks to identified receptors in relation to the existing site setting and the proposed development.

Table 7.1 Ground Contamination Risk Assessment

Source	Pathway	Receptor	Consequence of risk occurring	Probability of risk occurring	Risk classification	Potential risk management requirements
<b>Landfilled material;</b> <b>;</b> <b>Fly-tipped material;</b> <b>Localised contamination resulting from on-Site spills &amp; leaks (if present)</b>	Direct Contact (dermal, ingestion, dust inhalation, drinking water)	Current and Future Site users	Medium	Low likelihood	Moderate/Low Risk	<p>It is anticipated landfilled materials may be present across an area of the Site. The composition of which is not well documented.</p> <p>Provided current and future site users are not excavating into the site surface there are no general risk management requirements.</p> <p>In localised areas of the site where landfill materials may be exposed at the surface or spills may have occurred then it may be prudent for the site operator or owner to investigate these further, undertake risk assessment and if necessary risk management.</p>
		construction workers	Medium	Likely (disturbance of ground surface)	Moderate Risk	<p>Potential risks may be mitigated through the adoption of good hygiene practices on site and through the use of appropriate PPE. All site workers should be appropriately briefed prior to any works on site.</p>



<b>Landfilled material;</b>  <b>Fly-tipped material;</b>  <b>Localised contamination resulting from on-Site spills &amp; leaks</b>	Leaching and migration through permeable sub-surface materials	Groundwater within Secondary A Aquifers	Medium (groundwater contamination)	Likely	Moderate Risk	<p>The risk rating takes into account the sensitivity of local groundwater, the fact that groundwater is encountered close to the surface and there are no low permeability layers to limit the migration of contaminants from the near surface to groundwater.</p> <p>Intrusive investigation recommended focussing on potential for mobile contaminants within Made Ground deposits, in particular to assess the quality of shallow groundwater in light of former on-Site landfill activities.</p>
	Transport of contaminants into local surface water course via hydraulically connected groundwater pathways	Surface water within on-Site drains and the River Whitewater	Medium (surface water contamination, ecological damage)	<p>On-Site drains: Likely</p> <p>River Whitewater: Low Likelihood</p> <p>(attenuation and dilution mechanisms in groundwater pathways are likely to reduce the risk to the River Whitewater)</p>	Moderate Risk	<p>Attenuation and dilution mechanisms in groundwater pathways are likely to reduce the risk to the River Whitewater.</p> <p>As shallow groundwater is considered to discharge to on-Site drains it is considered that landfilled materials present a risk to on-Site surface water courses. This can be assessed by appropriate surface water monitoring.</p>

	Direct run-off of potentially contaminated materials/ suspended solids into the on-Site drains during construction works	Surface water within on-Site and local water courses	Medium (surface water contamination, high suspended solid loading, ecological damage)	Likely	Moderate Risk	Appropriate controls including environmental and site management plans for construction works should be developed. This may include management of surface water run-off, temporary attenuation lagoons oil booms, spill kits, temporary bunds and response to extreme weather events.
<b>Potential for ground gas</b>	Migration of gasses and/or vapours through permeable sub-surface material	Future Site users	Medium	Likely (there has been no quantification of volumes of composition of landfill / made ground)	Moderate Risk	If structures, control boxes and inspection chambers are to be installed on site then Site investigation should assess the risk of ground gas posed by deposited materials within the Site. This investigation should be focused in the area of the landfill.  If applicable, it is recommended that ground gas monitoring compliant with CIRIA665 is undertaken to confirm requirements for land gas protection measures in new structures.
		Neighbouring sites				
<b>Potential for in-ground asbestos (resultant from previous phases of development)</b>	Inhalation of fibres of airborne fibres	Future Site users	Severe	Low Likelihood	Moderate Risk	It is recommended that any future site investigation includes screening for the presence of asbestos. If found to be present, an appropriate asbestos management plan should be adopted.
		Neighbouring sites				

## 8 CONCLUSIONS AND RECOMMENDATIONS

### 8.1 Conclusions

The Site walkover inspection and subsequent desk study assessment of the available records pertaining to the Site's use and historical development have identified potential sources of ground contamination at the Site. Notably relating to historical on-Site landfilling of wastes for which records are limited.

Contamination sources may also include fuel/oil tanks used for farm equipment, possible asbestos within made ground and other localised areas of waste deposition which may have occurred. In addition, previous phases of construction, demolition and redevelopment on certain parts of the Site may lead to Made Ground deposits being encountered in the shallow sub-surface.

Given the age of the buildings currently situated on Site, there is potential for asbestos containing materials (ACM) to be present. In the absence of any Site specific data to the contrary, the risk to human health of current and future Site users (including construction workers) of the site are assessed to be of up to moderate order. This assessment can be refined and updated through intrusive investigation and assessment of the soils in due course.

The potential risk to the wider environment from ground conditions at the Site is assessed to be of a moderate order based on the information available to date. This risk is associated with historical landfilling within the Site and the nature of local geological, hydrogeological and hydrological conditions. Intrusive investigations should seek to target soils and groundwater to assess the nature and extent of historically landfilled materials, notable to the north-west of the Site, however additional investigations and monitoring may also be able to ascertain the impact that landfilled materials may be having on down gradient groundwater and surface water receptors.

Preliminary geotechnical assessment has indicated that potential geotechnical hazards may be associated with the site and should be considered further.

### 8.2 Recommendations

A programme of intrusive ground investigations at the Site and associated testing is considered to be necessary for the Site. The scope of any investigation should be proportionate to the type of development proposed (Solar Farm) having been discussed and agreed in advance with the Local Authority.

The main issue is considered to be the risk of mobilisation of suspended solids, and existing on-Site contamination, which may be present in landfilled materials, into shallow groundwater and surface water. This may be most likely to occur during pile and surface installation, the latter may change infiltration rates across the Site. It would be prudent to obtain limited ground investigation information to assess soil leachability, the presence of asbestos and gas risk. Based on the proposed conceptual model for the Site wider environmental monitoring may be achieved through a limited programme of surface water monitoring.

In summary any intrusive preliminary investigation may comprise of a combination of:

- Excavation of machine excavated trial pits;
- Window sampling;
- Geological logging; and
- Soil & water sampling.

Appropriate laboratory testing of soil samples should be undertaken by a UKAS accredited laboratory using MCERTS certified tests where possible.

In-situ geotechnical testing may also be considered to inform proposed Site development, and in-situ hydrological/hydrogeological (soakaway) testing may also be required to support quantitative flood risk and drainage assessments for the Site which may be required under the National Planning Policy Framework (NPPF) (Department for Communities and Local Government, 2012 a and b).

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# APPENDICES

# APPENDIX A

## **Envirocheck Environmental Report and Maps**

## Envirocheck<sup>®</sup> Report: Datasheet

### Order Details:

**Order Number:**

51067617\_1\_1

**Customer Reference:**

61997R1

**National Grid Reference:**

474960, 154130

**Slice:**

A

**Site Area (Ha):**

14.27

**Search Buffer (m):**

1000

### Site Details:

Land to the South of Trimmers Farm  
Totters Lane  
Hartley Wintney  
HOOK  
Hampshire  
RG27 8HX

### Client Details:

Mr C Berryman  
ESI Ltd  
New Zealand House  
160 Abbey Foregate  
Shrewsbury  
Shropshire  
SY2 6FD

### Prepared For:

Britsolar Limited  
90 Hatton Garden  
London  
EC1N 8PN



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

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

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## Report Version v47.0

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Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		1	3	17
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					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6	Yes			
Pollution Incidents to Controlled Waters	pg 6	1	1	2	5
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality	pg 7				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 8				(*11)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 10	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 11		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 11		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 12	2			
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 12				2
Local Authority Recorded Landfill Sites					
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Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 13				2

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 15	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 15	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 22	1		1	3
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 23	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 23		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 23	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 24	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 24	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
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 26		1	1	43
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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 31				1
Ramsar Sites					
Sites of Special Scientific Interest	pg 31		1		
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>Discharge Consents</b> Operator: Mr. R.J. Warren Property Type: Domestic Property (Single) Location: Hollybush Cottage, Potbridge, Odiham, Hants Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTCU.1818 Permit Version: 1 Effective Date: 19th September 1984 Issued Date: 19th September 1984 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: London Claystrata <b>Status: Transferred from Water Resources Act 1963</b> Positional Accuracy: Located by supplier to within 100m	A6NE (S)	209	1	474950 153700
2	<b>Discharge Consents</b> Operator: Mr. G.G. & Mrs. M.A. Mclean Property Type: Domestic Property (Single) Location: Woodside, Potbridge, Odiham, Hants Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTCR.1823 Permit Version: 1 Effective Date: 5th November 1981 Issued Date: 5th November 1981 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Potbridge Brook <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b> Positional Accuracy: Located by supplier to within 100m	A7NW (S)	414	1	475001 153501
3	<b>Discharge Consents</b> Operator: Fiona Macleod Cross Property Type: Domestic Property (Single) Location: Stp @ Wykeham House Potbridge Road Odiham Hampshire Rg29 1jn Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTWC.1020 Permit Version: 1 Effective Date: 23rd July 1986 Issued Date: 23rd July 1986 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Irrigation Area Environment: Receiving Water: Alluvium <b>Status: Transferred from COPA 1974</b> Positional Accuracy: Located by supplier to within 100m	A6NE (S)	443	1	474960 153460
3	<b>Discharge Consents</b> Operator: Mr Ian Savill Property Type: Domestic Property (Single) Location: Stp @ Wykeham House Potbridge Road Odiham Hampshire Rg29 1jn Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Eprkp3429xa Permit Version: 1 Effective Date: 26th May 2011 Issued Date: 26th May 2011 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Potbridge Brook <b>Status: New issued under EPR 2010</b> Positional Accuracy: Located by supplier to within 10m	A7NW (S)	464	1	474977 153442

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<b>Discharge Consents</b> Operator: Mr. C.S. Earl Property Type: Domestic Property (Single) Location: Shapley Heath, Winchfield, Odiham, Hants Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTCU.1823 Permit Version: 1 Effective Date: 19th September 1984 Issued Date: 19th September 1984 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Brackleshambeds Strata <b>Status: Transferred from Water Resources Act 1963</b> Positional Accuracy: Located by supplier to within 100m	A16SW (NE)	625	1	475800 154500
5	<b>Discharge Consents</b> Operator: Mr & Mrs. J. Campbell Property Type: Domestic Property (Single) Location: Poachers Croft, London Road, Odiham, Hants Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTCR.1262 Permit Version: 1 Effective Date: 14th February 1972 Issued Date: 14th February 1972 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Potbridge Brook <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b> Positional Accuracy: Located by supplier to within 100m	A7SW (SE)	646	1	475300 153400
6	<b>Discharge Consents</b> Operator: Mr. K. Donegan Property Type: Domestic Property (Single) Location: Shapley Heath, Winchfield, Odiham, Hants Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTCU.1269 Permit Version: 1 Effective Date: 3rd December 1982 Issued Date: 3rd December 1982 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Brackleshambeds Strata <b>Status: Transferred from Water Resources Act 1963</b> Positional Accuracy: Located by supplier to within 10m	A16SW (NE)	675	1	475750 154650
7	<b>Discharge Consents</b> Operator: Mr B Staff Property Type: Domestic Property (Single) Location: Shapley Heath, Winchfield, Odiham, Hants Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Ctcu.1846 Permit Version: 1 Effective Date: 8th November 1984 Issued Date: 8th November 1984 Revocation Date: 24th October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Brackleshambeds Strata <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Located by supplier to within 100m	A16SW (NE)	680	1	475800 154600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<b>Discharge Consents</b> Operator: Mr. L.S. Matthews Property Type: Domestic Property (Single) Location: Stable Cottage, Winchfield, Basingstoke, Hampshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.1130 Permit Version: 1 Effective Date: 26th October 1993 Issued Date: 26th October 1993 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: London Clay <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b> Positional Accuracy: Located by supplier to within 10m	A16NW (NE)	703	1	475650 154780
9	<b>Discharge Consents</b> Operator: Mr & Mrs J. Neal Property Type: Domestic Property (Single) Location: Shapley Heath, Winchfield, Odiham, Hants Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTCU.1270 Permit Version: 1 Effective Date: 3rd December 1982 Issued Date: 3rd December 1982 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Brackleshambeds Strata <b>Status: Transferred from Water Resources Act 1963</b> Positional Accuracy: Located by supplier to within 10m	A16SW (NE)	704	1	475790 154650
9	<b>Discharge Consents</b> Operator: The Occupier Property Type: Domestic Property (Single) Location: Shapley Heath, Winchfield, Odiham, Hants Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Ctcu.1268 Permit Version: 1 Effective Date: 3rd December 1982 Issued Date: 3rd December 1982 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Brackleshambeds Strata <b>Status: Lapsed (under Environment Act 1995, Schedule 23)</b> Positional Accuracy: Located by supplier to within 100m	A16SW (NE)	733	1	475820 154660
10	<b>Discharge Consents</b> Operator: Mr & Mrs B J Spurgeon Property Type: Domestic Property (Single) Location: The Chalet, Brickfields, Odihamroad, Winchfield, Basingstoke, Hampshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.0829 Permit Version: 1 Effective Date: 26th April 1993 Issued Date: 26th April 1993 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Brackleshambeds <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b> Positional Accuracy: Located by supplier to within 100m	A12SW (E)	720	1	475970 154070

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<b>Discharge Consents</b> Operator: Mr. B. Staff Property Type: Domestic Property (Single) Location: No.4 Shapley Heath, Odiham Road, Winchfield, Hampshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.1768 Permit Version: 1 Effective Date: 13th March 1995 Issued Date: 13th March 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Irrigation Area Environment: Receiving Water: Gravels On Bracklesham Beds <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b> Positional Accuracy: Located by supplier to within 100m	A16SW (NE)	751	1	475880 154610
12	<b>Discharge Consents</b> Operator: Mr & Mrs B J Spurgeon Property Type: Domestic Property (Single) Location: Brickfields, Odiham Road, Winchfield, Basingstoke, Hampshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.0828 Permit Version: 1 Effective Date: 26th April 1993 Issued Date: 26th April 1993 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Brackleshambeds <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b> Positional Accuracy: Located by supplier to within 100m	A12SE (E)	756	1	475990 153990
13	<b>Discharge Consents</b> Operator: Mr. D. Wise Property Type: Garden Centres Location: Oak Farm Nursery Station Hill, Winchfield, Hook, Hants Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.3514 Permit Version: 1 Effective Date: 15th October 1998 Issued Date: 20th April 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land/Into Watercourse Environment: Receiving Water: Land And Tributary Of R. Hart <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 100m	A16SE (NE)	848	1	476000 154600
14	<b>Discharge Consents</b> Operator: Celtvale Plc Property Type: Retail Filling Stations Location: Murrell Green Filling Station, A30, London Road, Hartley Wintney, Hampshir Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntw.0211 Permit Version: 1 Effective Date: 30th November 1989 Issued Date: 30th November 1989 Revocation Date: 26th September 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Ofriver Whitewater <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Located by supplier to within 10m	A13NE (NW)	892	1	474250 154990



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<b>Discharge Consents</b> Operator: Mr Horne Property Type: Domestic Property (Single) Location: Whitewater Mill, Poland Lane, Odiham, Hampshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Cntm.1795 Permit Version: 1 Effective Date: 24th April 1995 Issued Date: 24th April 1995 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Whitewater <b>Status: Lapsed (under Environment Act 1995, Schedule 23)</b> Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	894	1	474300 153200
16	<b>Discharge Consents</b> Operator: Murrell Green Management Committee Property Type: Industrial Parks & Estates Location: Murrell Green Business Park London Road Hook Hampshire Rg27 9gr Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Casm.0762 Permit Version: 1 Effective Date: 3rd January 2003 Issued Date: 15th January 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of River Whitewater <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	A13NE (NW)	929	1	474190 154990
16	<b>Discharge Consents</b> Operator: Murrell Green Management Limited Property Type: Retail Filling Stations Location: Murrell Green Filling Station, A30, London Road, Hartley Wintney, Hampshir Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTW.0209 Permit Version: 1 Effective Date: 30th November 1989 Issued Date: 30th November 1989 Revocation Date: 3rd January 2003 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Ofriver Whitewater <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 100m	A13NE (NW)	929	1	474190 154990
16	<b>Discharge Consents</b> Operator: Celtvale Plc Property Type: Retail Filling Stations Location: Murrell Green Filling Station, A30, London Road, Hartley Wintney, Hampshir Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntw.0210 Permit Version: 1 Effective Date: 30th November 1989 Issued Date: 30th November 1989 Revocation Date: 26th September 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Ofriver Whitewater <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Located by supplier to within 10m	A13NE (NW)	929	1	474190 154990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<b>Discharge Consents</b> Operator: J P Winkworth Limited Property Type: Domestic Property (Multiple) Location: Flats 1-6shapley Hse, The Coach Hs Winkworth Bs Park London Road Hartley Wintney Hook, Hampshire Rg27 8wp Authority: Environment Agency, Thames Region Catchment Area: Loddon Reference: Npswqd008804 Permit Version: 1 Effective Date: 17th August 2009 Issued Date: 17th August 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of River Whitewater <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	A19SW (N)	993	1	475122 155305
	<b>Nearest Surface Water Feature</b>	A10NE (W)	0	-	474837 154135
18	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: ALTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Natural Note: Confirmed As A Pollution Incident Incident Date: 3rd May 1989 Incident Reference: S1890203 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A10NE (W)	0	1	474750 154180
19	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Potridge Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 20th November 1990 Incident Reference: WE900641 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6NE (S)	206	1	474800 153700
20	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: HOOK Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 8th October 1994 Incident Reference: S1940488 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (NW)	354	1	474500 154500
21	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: HOOK Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 18th February 1994 Incident Reference: S2940045 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (NW)	434	1	474700 154700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: HOOK Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 22nd April 1996 Incident Reference: S1960243 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6NW (SW)	590	1	474350 153550
23	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: HOOK Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 11th February 1992 Incident Reference: WE920100 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (W)	795	1	473920 153910
24	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: NORTH WARNBOROUGH Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 10th August 1993 Incident Reference: S2930180 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	898	1	474300 153195
25	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: ODIHAM Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Not Supplied Incident Date: 31st January 1989 Incident Reference: WE890050 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	907	1	474350 153150
26	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: ODIHAM Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Not Supplied Incident Date: 9th January 1989 Incident Reference: WE890043 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	977	1	474300 153100
	<b>River Quality</b> Name: Whitewater GQA Grade: River Quality B Reach: Source - Hart Estimated Distance (km): 15.6 Flow Rate: Flow less than 0.62 cumecs Flow Type: River Year: 2000	A6NW (SW)	539	1	474356 153621

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: In Force - No Licence Holder Licence Number: 28/39/24/0029 Permit Version: Not Supplied Location: Hook Mill, BASINGSTOKE Authority: Environment Agency, Thames Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: River Daily Rate (m3): 7 Yearly Rate (m3): 136 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NW)	1425	1	473600 155100
	<b>Water Abstractions</b> Operator: G H Janaway & Sons Licence Number: 28/39/24/0233 Permit Version: 2 Location: River Whitewater At Lodge Farm, Odiham Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: River Whitewater At Lodge Farm, North Warnborough Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 8th October 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1NW (SW)	1451	1	473900 152800
	<b>Water Abstractions</b> Operator: G H Janaway & Sons Licence Number: 28/39/24/0233 Permit Version: 1 Location: River Whitewater At Lodge Farm, Odiham Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: River Whitewater At Lodge Farm, North Warnborough Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 8th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NW (SW)	1451	1	473900 152800
	<b>Water Abstractions</b> Operator: G. H. Janaway & Sons Licence Number: 28/39/24/0210 Permit Version: Not Supplied Location: Lodge Farm, ODIHAM, Hampshire Authority: Environment Agency, Thames Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: River/Stream Intake Daily Rate (m3): 982 Yearly Rate (m3): 37505 Details: Not Supplied 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	A1NW (SW)	1451	1	473900 152800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: W H Vane Licence Number: 28/39/24/0027 Permit Version: Not Supplied Location: Swans Farm, WINCHFELD Authority: Environment Agency, Thames Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 9 Yearly Rate (m3): 1818 Details: Bagshot Beds. Status: Revoked; Lapsed Or Cancelled 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	A4NE (SE)	1586	1	476200 152900
	<b>Water Abstractions</b> Operator: G H Janaway & Sons Licence Number: 28/39/24/0232 Permit Version: 2 Location: Borehole At Lodge Farm, Odiham Authority: Environment Agency, Thames 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: Lodge Farm, North Warnborough Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 8th October 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1SW (SW)	1732	1	473700 152600
	<b>Water Abstractions</b> Operator: G H Janaway & Sons Licence Number: 28/39/24/0232 Permit Version: 1 Location: Borehole At Lodge Farm, Odiham Authority: Environment Agency, Thames 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: Lodge Farm, North Warnborough Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1SW (SW)	1732	1	473700 152600
	<b>Water Abstractions</b> Operator: G H Janaway & Sons Licence Number: 28/39/24/0232 Permit Version: 1 Location: Borehole At Lodge Farm, Odiham Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lodge Farm, North Warnborough Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 8th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1SW (SW)	1732	1	473700 152600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: G H Janaway & Sons Licence Number: 28/39/24/0209 Permit Version: Not Supplied Location: Lodge Farm, ODIHAM, Hampshire Authority: Environment Agency, Thames Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 1309 Yearly Rate (m3): 30686 Details: Additional Purpose - Spray Irrigation (30686). Chalk (Undifferentiated) 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	A1SW (SW)	1732	1	473700 152600
	<b>Water Abstractions</b> Operator: L C Hayes Licence Number: 28/39/24/0086 Permit Version: Not Supplied Location: Hartley Wintney, HARTLEY WINTNEY Authority: Environment Agency, Thames Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 20 Yearly Rate (m3): 4318 Details: Bagshot Beds Status: Revoked; Lapsed Or Cancelled 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	(NE)	1883	1	476700 155400
	<b>Water Abstractions</b> Operator: Ms M D Abbott Licence Number: 28/39/24/0166 Permit Version: 100 Location: Trib Of River Whitewater At West Green House, West Green Authority: Environment Agency, Thames Region Abstraction: Private Non-Industrial Amenity: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 136 Yearly Rate (m3): 2977 Details: West Green House, West Green, Hartley Wintney Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 13th May 1975 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1986	1	474300 156200
	<b>Groundwater Vulnerability</b> Soil Classification: Soils of High Leaching Potential (H2) - Deep, permeable, coarse textured soils which readily transmit a wide range of pollutants because of their rapid drainage and low attenuation potential Map Sheet: Sheet 45 West Sussex and Surrey Scale: 1:100,000	A10NE (SE)	0	1	474958 154132
	<b>Groundwater Vulnerability</b> Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 45 West Sussex and Surrey Scale: 1:100,000	A11NW (NE)	0	1	475081 154210
	<b>Groundwater Vulnerability</b> Soil Classification: Not classified Map Sheet: Sheet 45 West Sussex and Surrey Scale: 1:100,000	A10NE (W)	0	1	474851 154161
	<b>Drift Deposits</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Unproductive Strata	A10NE (W)	0	2	474943 154132
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A11NW (E)	0	2	475001 154132

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A10NE (SE)	0	2	474958 154132
	<b>Superficial Aquifer Designations</b> No Data Available				
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10SE (SW)	118	1	474725 153850
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A10SW (W)	215	1	474531 153956
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A7NW (S)	182	1	475110 153735
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	<b>Historical Landfill Sites</b> Licence Holder: D Brant Estates Limited Location: Potbridge Farm, Basingstoke, Hampshire Name: Beggars Corner Field Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD12709 First Input Date: 8th April 1986 Last Input Date: 31st December 1986 Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 2/22	A11NW (NE)	0	1	475120 154274
28	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Potbridge Name: Scotland Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD34248 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A10NE (SE)	0	1	474958 154132
29	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 83333 Location: Brickfields, Odiham Road, Winchfield, Hook, Hampshire, RG27 8BU Operator Name: Mr & Mrs B J Spurgeon Operator Location: Not Supplied Authority: Environment Agency - South East Region, West Thames Area Site Category: Pet Crematorium <b>Licence Status: Issued</b> Issued: 1st March 2001 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	A12SE (E)	771	1	476020 154060
29	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 83056 Location: Brickfields, Odiham Road, Winchfield, Hook, Hampshire, RG27 8BU Operator Name: Dignity Pet Crematorium Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, West Thames Area Site Category: Pet Crematorium <b>Licence Status: Modified</b> Issued: 25th June 1993 Last Modified: 7th June 1996 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (E)	771	1	476020 154060
	<b>Local Authority Landfill Coverage</b> Name: Hart District Council - Has no landfill data to supply		0	7	474958 154132
	<b>Local Authority Landfill Coverage</b> Name: Hampshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	474958 154132



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	<b>Registered Landfill Sites</b> Licence Holder: D Brant Estates Ltd Licence Reference: 2/ 22c Site Location: Beggars Corner Field, Potbridge Farm, Hook, Hampshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: Whitehouse Farm (Transfer), Silchester Road, Tadley, Basingstoke, Hampshire, Rg26 3px Authority: Environment Agency - Thames Region, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 15th March 1984 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste Cork Excavated Natural Materials \$ Hardcore And Rubble Paper/Cardboard Waste Plastic/Polythene (Including Sacks) Polymeric Material, Products/Scrap Road Making Materials Sawdust/Bark Scrap Rubber (Including Tyres) Synthetic Adhesive Wastes Wood Waste/Timber Prohibited Waste Biodegradable/Putrescible Waste Contaminated Rubble Fibrous Forms Of Asbestos Food Waste Liquid/Slurry/Sludge Wastes Phenols, Analogues/Derivatives Poisonous, Noxious, Polluting Wastes Special Wastes Vegetable/Processing Waste	A10NE (W)	0	1	474930 154139
31	<b>Registered Waste Treatment or Disposal Sites</b> Licence Holder: Messrs Spurgeon (Bj, Mrs C, Kb) Licence Reference: Wml83333 Site Location: Dignity Pet Crematorium, Odiham Road, Winchfield, Hook, Hampshire, Rg27 8bu Operator Location: Brickfields, Odiham Road, Winchfield, Hook, Hampshire, Rg27 8bu Authority: Environment Agency - Thames Region, South East Area Site Category: Incineration Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 1st March 2001 Preceded By: Hr 081 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste Dead Domestic Pets Maximum Waste Permitted By Licence Prohibited Waste Clinical Wastes Degradable Household/Commercial/Industrial Waste (As In Post'98 E.A.Lics And Equivalent To 22.09.00) Inert Materials (As In Post'98 E.A.Lics And Equivalent To 21.00.00) Metal Waste/Scrap Metal (As In Post'98 E.A.Lics And Equivalent To 23.00.00) Other Waste / Waste Not Otherwise Specified Special Waste (As In Epa 1990:S62 Of 1996 Regs)	A12SE (E)	794	1	476040 154040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	<b>Registered Waste Treatment or Disposal Sites</b> Licence Holder: Dignity Pet Crematorium Licence Reference: HR 081 Site Location: Dignity Pet Crematorium, Odiham Road, Winchfield, Hook, Hampshire, RG27 8bu Operator Location: As Site Address Authority: Environment Agency - Thames Region, South East Area Site Category: Incineration - with transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 25th June 1993 Preceded By: Not Given Licence: Superseded By: Wml83333 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Domestic Pets/Small Animals Carcasses Prohibited Waste: Biodegradable Materials Food Waste Liquid/Slurry/Sludge Wastes Paper/Cardboard/Packaging Special Wastes Vegetable/Processing Waste Waste N.O.S.	A12SE (E)	794	1	476040 154040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Barton, Bracklesham and Bagshot Beds	A10NE (SE)	0	2	474958 154132
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (SE)	0	3	474958 154132
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (W)	0	3	474942 154132
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11NW (NE)	0	3	475093 154229
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10SE (SW)	0	3	474881 154000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10SE (S)	0	3	474958 154000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11SW (S)	0	3	475000 154000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A11NW (E)	0	3	475000 154132
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A11SW (S)	9	3	474980 153954
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A11SW (S)	25	3	475000 153948
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A10SE (SW)	65	3	474701 153962
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A11NE (E)	81	3	475321 154250
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A15SW (N)	156	3	475000 154447

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SW (E)	158	3	475290 154000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SW (SE)	193	3	475149 153799
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10SW (W)	221	3	474496 154000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6NE (SW)	242	3	474676 153732
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (S)	278	3	475107 153699
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SE (E)	301	3	475498 154000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15SW (N)	328	3	475000 154631
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (SE)	394	3	475191 153632
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (S)	398	3	475000 153517
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6SE (S)	486	3	474970 153418
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SW (S)	494	3	475000 153417
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SE (SW)	584	3	474196 153795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (E)	601	3	475831 154000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15NW (N)	602	3	475000 154910
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SE (W)	674	3	474021 154026
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SE (W)	675	3	474023 154000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15NW (N)	687	3	475074 155000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15NW (N)	687	3	475000 155000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NE (W)	689	3	474000 154132
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NE (W)	689	3	474000 154114
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (N)	691	3	474958 155000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SE (W)	698	3	474000 154000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (E)	740	3	476000 154132
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (E)	763	3	476000 154000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6SE (S)	772	3	474685 153144
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15NE (NE)	818	3	475564 155000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (E)	825	3	476000 153823
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A5NE (SW)	859	3	474000 153588
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A2NE (S)	893	3	474958 153000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A2NE (S)	899	3	474767 153000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NW (S)	903	3	475000 153000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NE (NW)	921	3	474000 154795
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A2NE (S)	922	3	474641 153000
32	<b>BGS Recorded Mineral Sites</b> Site Name: Totter Copse Sand Pit Location: , Hook, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 148534 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Eocene Geology: Bagshot Formation Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A10NE (W)	0	2	474715 154187
33	<b>BGS Recorded Mineral Sites</b> Site Name: Potbridge Farm Location: , Hook, Basingstoke, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 17196 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Alluvium (Valley Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A6NW (SW)	449	2	474450 153650
34	<b>BGS Recorded Mineral Sites</b> Site Name: Scotland Farm Location: , Hook, Basingstoke, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 17195 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: River Terrace Deposits (Valley Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A5NE (SW)	637	2	474200 153685

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	<b>BGS Recorded Mineral Sites</b> Site Name: Withy Bed Copse Clay Pit Location: , Winchfield, Hook, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 148616 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Ypresian - Lutetian Geology: Bracklesham Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12SW (E)	696	2	475886 153883
36	<b>BGS Recorded Mineral Sites</b> Site Name: Winchfield Brick Yard Location: , Winchfield, Hook, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 148542 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Ypresian - Lutetian Geology: Bracklesham Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12SE (E)	780	2	476034 154095
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	2	475001 154132
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	2	474958 154132
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	65	2	474702 153961
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	242	2	474676 153731
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	2	474958 154132
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	2	475001 154132
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	65	2	474702 153961
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	242	2	474676 153731
	<b>Potential for Ground Dissolution Stability Hazards</b> No Hazard				
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	2	474958 154132
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	2	475001 154132

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	133	2	474763 153814
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	152	2	474787 153767
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	229	2	474720 153720
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	0	2	475094 154228
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	2	474943 154132
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	2	474958 154132
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	2	475001 154132
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	10	2	474981 153953
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	27	2	475001 153947
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	65	2	474702 153961
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	154	2	475001 154446
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (SE)	194	2	475149 153798
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	242	2	474676 153731
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	2	474943 154132
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	2	474958 154132
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	2	475001 154132
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SW (SE)	194	2	475149 153798
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	2	474958 154132
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	2	475001 154132
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	2	474958 154132

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	2	475001 154132

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	<b>Contemporary Trade Directory Entries</b> Name: The Rescuers Location: Potbridge, Odiham, Hook, Hampshire, RG29 1JW Classification: Car Breakers & Dismantlers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A10SE (S)	118	-	474940 153797
38	<b>Contemporary Trade Directory Entries</b> Name: Construction Coatings Location: Totters Lane, Hartley Wintney, Hook, Hampshire, RG27 8HX Classification: Coating Specialists <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A14SE (NW)	295	-	474690 154555
39	<b>Contemporary Trade Directory Entries</b> Name: T E P Technica (Wholesale) Ltd Location: Unit 45, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Industrial Services <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NW)	759	-	474384 154921
39	<b>Contemporary Trade Directory Entries</b> Name: Wey Adhesives Ltd Location: Unit 45, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Adhesives, Glues & Sealants <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NW)	759	-	474384 154921
39	<b>Contemporary Trade Directory Entries</b> Name: Robin Packaging Ltd Location: Unit 45, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Packaging & Wrapping Equipment & Supplies <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NW)	759	-	474384 154921
39	<b>Contemporary Trade Directory Entries</b> Name: Agx Holdings Location: Unit 46, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Print Finishers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NW)	799	-	474368 154957
40	<b>Contemporary Trade Directory Entries</b> Name: Fine Foods Ltd Location: Unit 36, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Food Products - Manufacturers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NW)	802	-	474405 154982
40	<b>Contemporary Trade Directory Entries</b> Name: Cd Precision Location: Unit 37, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Precision Engineers <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A14NW (NW)	810	-	474402 154989
40	<b>Contemporary Trade Directory Entries</b> Name: Pocket Savers Location: Murrell Green Business Park, Hook, Hampshire, RG27 8HZ Classification: Car Dealers <b>Status:</b> Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NW (NW)	821	-	474340 154966
40	<b>Contemporary Trade Directory Entries</b> Name: Cardmasters Location: Unit 48, Murrell Green Business Park, London Road, HOOK, Hampshire, RG27 9GR Classification: Boxes & Cartons <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A14NW (NW)	826	-	474357 154983

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	<b>Contemporary Trade Directory Entries</b> Name: Seko Logistics Ltd Location: Unit 39, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Freight Forwarders <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14NW (NW)	827	-	474395 155005
40	<b>Contemporary Trade Directory Entries</b> Name: Spectral Design & Print Location: Unit 39a, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Printers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14NW (NW)	827	-	474395 155005
41	<b>Contemporary Trade Directory Entries</b> Name: Dignity Pet Crematorium Location: Odiham Road, Winchfield, Hook, Hampshire, RG27 8BU Classification: Pet Cemeteries & Crematoria <b>Status: Active</b> Positional Accuracy: Automatically positioned in the proximity of the address	A16SE (NE)	848	-	476013 154575
42	<b>Contemporary Trade Directory Entries</b> Name: Tooling Components & Design Ltd Location: Unit 25, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Tool Design, Manufacturers & Makers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14NW (NW)	873	-	474369 155043
42	<b>Contemporary Trade Directory Entries</b> Name: Overton Electrical Location: 26, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Electrical Engineers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A14NW (NW)	881	-	474365 155050
42	<b>Contemporary Trade Directory Entries</b> Name: T E S (Uk) Ltd Location: Unit 21, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Printed Circuit Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14NW (NW)	900	-	474352 155065
43	<b>Contemporary Trade Directory Entries</b> Name: Ic Location: Unit 17a-17c, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Printers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14NW (NW)	883	-	474327 155031
43	<b>Contemporary Trade Directory Entries</b> Name: Humphries Engineering Ltd Location: 14, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Precision Engineers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14NW (NW)	886	-	474301 155019
43	<b>Contemporary Trade Directory Entries</b> Name: Trl Compliance Ltd Location: Unit 2, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Testing, Inspection & Calibration Equipment Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (NW)	911	-	474282 155036
43	<b>Contemporary Trade Directory Entries</b> Name: Aberna Location: 1, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Catering Equipment <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14NW (NW)	916	-	474313 155061



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	<b>Contemporary Trade Directory Entries</b> Name: Mazda Uk Ltd Location: Unit 29, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14NW (NW)	885	-	474414 155079
45	<b>Contemporary Trade Directory Entries</b> Name: Temperature Systems Ltd Location: 12, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Temperature Monitoring Systems Manufacturers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A13NE (NW)	889	-	474259 154993
45	<b>Contemporary Trade Directory Entries</b> Name: Kistler Instruments Location: Unit 13, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Testing, Inspection & Calibration Equipment Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (NW)	889	-	474259 154993
45	<b>Contemporary Trade Directory Entries</b> Name: Display Max Ltd Location: 10, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Printers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13NE (NW)	891	-	474251 154989
45	<b>Contemporary Trade Directory Entries</b> Name: E J C Engineering Location: 11, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Precision Engineers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (NW)	891	-	474251 154989
45	<b>Contemporary Trade Directory Entries</b> Name: Talisman Moulding Ltd Location: Murrell Green Business Pk, London Rd, Hook, Hampshire, RG27 9GR Classification: Plastics - Injection Moulding <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A13NE (NW)	899	-	474282 155021
45	<b>Contemporary Trade Directory Entries</b> Name: Platinum International Holdings Ltd Location: Unit 9, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Electronic Engineers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (NW)	903	-	474210 154972
45	<b>Contemporary Trade Directory Entries</b> Name: R S Refrigeration Services Ltd Location: 5, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Refrigeration Equipment - Commercial <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13NE (NW)	922	-	474253 155030
45	<b>Contemporary Trade Directory Entries</b> Name: Communication Specialists Ltd Location: Unit 6, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Radio Communication Equipment <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13NE (NW)	926	-	474220 155011
45	<b>Contemporary Trade Directory Entries</b> Name: Warner Lewis Location: 7, Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR Classification: Filter Manufacturers & Suppliers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (NW)	927	-	474203 154998
46	<b>Contemporary Trade Directory Entries</b> Name: Thomas Sanderson Location: 43, Athoke Croft, Hook, Hampshire, RG27 9UE Classification: Blinds, Awnings & Canopies <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9NW (W)	903	-	473788 154183



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	<b>Contemporary Trade Directory Entries</b> Name: Fairway Motor Co Location: Murrell Green, London Rd, Hook, Hampshire, RG27 8HZ Classification: Car Dealers - Used <b>Status: Active</b> Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	940	-	474537 155181
47	<b>Contemporary Trade Directory Entries</b> Name: London Motor Co Location: London Rd, Hartley Wintney, Hook, Hampshire, RG27 8HZ Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	943	-	474540 155185
48	<b>Contemporary Trade Directory Entries</b> Name: Hill Head Car Sales Location: Murrell Green, London Rd, Hartley Wintney, Hook, Hampshire, RG27 8HZ Classification: Car Dealers <b>Status: Active</b> Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	954	-	474567 155203
48	<b>Contemporary Trade Directory Entries</b> Name: Motorama Location: Murrell Green, London Road, Hartley Wintney, Hook, Hampshire, RG27 8HZ Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18SW (N)	986	-	474563 155235
48	<b>Contemporary Trade Directory Entries</b> Name: Ascot Cars Location: Murrell Green, London Road, Hartley Wintney, Hook, Hampshire, RG27 8HZ Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A18SW (N)	986	-	474563 155235
48	<b>Contemporary Trade Directory Entries</b> Name: Exclusive Fireplaces & Stoves Ltd Location: Murrell Green, London Road, Hartley Wintney, Hook, Hampshire, RG27 8HZ Classification: Fireplaces & Mantelpieces <b>Status: Active</b> Positional Accuracy: Manually positioned to the address or location	A18SW (N)	986	-	474563 155235
48	<b>Contemporary Trade Directory Entries</b> Name: Hartley Car Sales Location: Murrell Green, London Road, Hartley Wintney, Hook, Hampshire, RG27 8HZ Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A18SW (N)	986	-	474563 155235
48	<b>Contemporary Trade Directory Entries</b> Name: M & K Motors Location: Murrell Green, London Road, Hartley Wintney, Hook, Hampshire, RG27 8HZ Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A18SW (N)	986	-	474563 155235
48	<b>Contemporary Trade Directory Entries</b> Name: Broxhill Motor Co Location: Murrell Green, London Road, Hartley Wintney, Hook, Hampshire, RG27 8HZ Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A18SW (N)	986	-	474563 155235
48	<b>Contemporary Trade Directory Entries</b> Name: Johnsons Location: Murrell Green, London Road, Hartley Wintney, Hook, Hampshire, RG27 8HZ Classification: Commercial Vehicle Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18SW (N)	987	-	474560 155236
48	<b>Contemporary Trade Directory Entries</b> Name: Hampshire Carriage Co Location: Murrell Green, London Road, Hartley Wintney, Hook, Hampshire, RG27 8HZ Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A18SW (N)	987	-	474560 155236
48	<b>Contemporary Trade Directory Entries</b> Name: Fens Court Car Sales Ltd Location: Murrell Green, London Rd, Hartley Wintney, Hook, Hampshire, RG27 8HZ Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A18SW (N)	987	-	474559 155235

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	<b>Contemporary Trade Directory Entries</b> Name: Help Line For Association Of Private Pet Cemeteries & Crematoria Location: Odiham Rd, Winchfield, Hook, Hampshire, RG27 8BU Classification: Pet Cemeteries & Crematoria <b>Status:</b> Active Positional Accuracy: Manually positioned to the road within the address or location	A16SE (NE)	958	-	476078 154684
50	<b>Contemporary Trade Directory Entries</b> Name: Mylbrook Ltd Location: Murrell Green, London Rd, Hartley Wintney, Hook, Hampshire, RG27 8HZ Classification: Commercial Vehicle Dealers <b>Status:</b> Active Positional Accuracy: Manually positioned within the geographical locality	A18SW (NW)	962	-	474476 155186

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	<b>Nitrate Vulnerable Zones</b> Name: Not Supplied Description: NVZ Area Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A12NW (E)	570	4	475800 154371
52	<b>Sites of Special Scientific Interest</b> Name: Odiham Common With Bagwell Green & Shaw Multiple Areas: N Total Area (m2): 1337695.44 Source: Natural England Reference: 1002756 Designation Details: Not Supplied Designation Date: 7th February 1992 Date Type: Notified	A7NW (S)	151	5	475000 153753



Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Hart District Council - Environmental Health Department Basingstoke And Deane Borough Council - Environmental Health	March 2013 September 2013	Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Thames Region	October 2013	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Thames Region	March 2013	As notified
<b>Integrated Pollution Controls</b> Environment Agency - Thames Region	October 2008	Not Applicable
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Thames Region	October 2013	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Basingstoke And Deane Borough Council - Environmental Health Hart District Council - Environmental Health Department	November 2012 November 2012	Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Controls</b> Basingstoke And Deane Borough Council - Environmental Health Hart District Council - Environmental Health Department	November 2012 November 2012	Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> Basingstoke And Deane Borough Council - Environmental Health Hart District Council - Environmental Health Department	November 2012 November 2012	Annual Rolling Update Annual Rolling Update
<b>Nearest Surface Water Feature</b> Ordnance Survey	July 2012	Quarterly
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Thames Region	September 1999	Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Thames Region	March 2013	As notified
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Thames Region	March 2013	As notified
<b>Registered Radioactive Substances</b> Environment Agency - Thames Region	October 2013	Quarterly
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - Thames Region - South East Area	October 2013	Quarterly
<b>Water Abstractions</b> Environment Agency - Thames Region	October 2013	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Thames Region	October 2013	Quarterly
<b>Groundwater Vulnerability</b> Environment Agency - Head Office	January 2011	Not Applicable
<b>Drift Deposits</b> Environment Agency - Head Office	January 1999	Not Applicable
<b>Bedrock Aquifer Designations</b> British Geological Survey - National Geoscience Information Service	October 2012	Annually
<b>Superficial Aquifer Designations</b> British Geological Survey - National Geoscience Information Service	October 2012	Annually

Agency & Hydrological	Version	Update Cycle
<b>Source Protection Zones</b> Environment Agency - Head Office	October 2013	Quarterly
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	August 2013	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	August 2013	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	August 2013	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	August 2013	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	August 2013	Quarterly
Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Thames Region - South East Area	October 2013	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Thames Region	October 2008	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Thames Region - South East Area	October 2013	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - South East Area	July 2013 July 2013	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Basingstoke And Deane Borough Council - Environmental Health Hampshire County Council - Minerals and Waste Planning Hart District Council - Environmental Services	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Basingstoke And Deane Borough Council - Environmental Health Hampshire County Council - Minerals and Waste Planning Hart District Council - Environmental Services	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
<b>Registered Landfill Sites</b> Environment Agency - Thames Region - South East Area	March 2003	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Thames Region - South East Area	March 2003	Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Thames Region - South East Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	August 2013	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2013	Bi-Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> Basingstoke And Deane Borough Council Hart District Council - Environmental Services Hampshire County Council - Minerals and Waste Planning	November 2012 October 2012 September 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Planning Hazardous Substance Consents</b> Basingstoke And Deane Borough Council Hart District Council - Environmental Services Hampshire County Council - Minerals and Waste Planning	November 2012 October 2012 September 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	January 2010	Variable
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	October 2013	Bi-Annually
<b>Brine Compensation Area</b> Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Mining Report Service	January 2012	As notified
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	October 2013	As notified
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	October 2013	As notified
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	October 2013	As notified
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	October 2013	As notified
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	October 2013	As notified
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	October 2013	As notified
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	As notified
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	As notified

Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	August 2013	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	August 2013	Quarterly
Sensitive Land Use	Version	Update Cycle
<b>Areas of Adopted Green Belt</b> Basingstoke And Deane Borough Council	November 2013	As notified
<b>Areas of Unadopted Green Belt</b> Basingstoke And Deane Borough Council	November 2013	As notified
<b>Areas of Outstanding Natural Beauty</b> Natural England	July 2013	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	July 2013	Annually
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	July 2013	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2013	Bi-Annually
<b>National Nature Reserves</b> Natural England	July 2013	Bi-Annually
<b>National Parks</b> Natural England	July 2013	Bi-Annually
<b>Nitrate Sensitive Areas</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2013	Annually
<b>Ramsar Sites</b> Natural England	July 2013	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	July 2013	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	July 2013	Bi-Annually
<b>Special Protection Areas</b> Natural England	July 2013	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	 Ordnance Survey Licensed Partner
Environment Agency	 Environment Agency
Scottish Environment Protection Agency	 SEPA Scottish Environment Protection Agency
The Coal Authority	THE COAL AUTHORITY
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Countryside Council for Wales	 CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	 SCOTTISH NATURAL HERITAGE
Natural England	 NATURAL ENGLAND
Public Health England	 Public Health England
Ove Arup	ARUP
Peter Brett Associates	 pba peterbrett



Contact	Name and Address	Contact Details
1	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: <a href="mailto:enquiries@environment-agency.gov.uk">enquiries@environment-agency.gov.uk</a>
2	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a> Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>
3	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: <a href="mailto:customerservices@landmark.co.uk">customerservices@landmark.co.uk</a> Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a>
4	<b>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)</b> Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
5	<b>Natural England</b> Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: <a href="mailto:enquiries@naturalengland.org.uk">enquiries@naturalengland.org.uk</a> Website: <a href="http://www.naturalengland.org.uk">www.naturalengland.org.uk</a>
6	<b>Hampshire County Council - Minerals and Waste Planning</b> Room 130, Ashburton Court West, The Castle, Winchester, Hampshire, SO23 8UD	Telephone: 01962 841841 Fax: 01962 847055 Website: <a href="http://www.hants.gov.uk">www.hants.gov.uk</a>
7	<b>Hart District Council - Environmental Services</b> Civic Offices, Harlington Way, Fleet, Hampshire, GU13 8AE	Telephone: 01252 622122 Fax: 01252 626886 Website: <a href="http://www.hart.gov.uk">www.hart.gov.uk</a>
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: <a href="mailto:radon@phe.gov.uk">radon@phe.gov.uk</a> Website: <a href="http://www.ukradon.org">www.ukradon.org</a>
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: <a href="mailto:customerservices@landmarkinfo.co.uk">customerservices@landmarkinfo.co.uk</a> Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a>

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

## Envirocheck<sup>®</sup> Report:

### BGS Boreholes Datasheet

#### Order Details:

**Order Number:**

51067617\_1\_1

**Customer Reference:**

61997R1

**National Grid Reference:**

474960, 154130

**Slice:**

A

**Site Area (Ha):**

14.27

**Borehole Search Buffer (m):**

1000

#### Site Details:

Land to the South of Trimmers Farm  
Totters Lane  
Hartley Wintney  
HOOK  
Hampshire  
RG27 8HX

#### Client Details:

Mr C Berryman  
ESI Ltd  
New Zealand House  
160 Abbey Foregate  
Shrewsbury  
Shropshire  
SY2 6FD

#### Prepared For:

Britsolar Limited  
90 Hatton Garden  
London  
EC1N 8PN

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
BGS Boreholes	pg 1	5	25	20	26

## Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.

For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

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

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A copy of the BGS Borehole Ordering Form is available to download from the Support section of [www.envirocheck.co.uk](http://www.envirocheck.co.uk).

## Report Version v47.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	<b>BGS Boreholes</b> BGS Reference: Su75se1 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh463 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426734/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426734/</a>	A11NW (E)	0	2	475140 154130
54	<b>BGS Boreholes</b> BGS Reference: Su75sw79 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh461 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426886/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426886/</a>	A10NE (W)	0	2	474850 154120
55	<b>BGS Boreholes</b> BGS Reference: Su75sw80 Drilled Length (m): 8.83 Borehole Name: M3 Popham/Hawley Bh469 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426887/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426887/</a>	A10SE (S)	0	2	474960 153960
55	<b>BGS Boreholes</b> BGS Reference: Su75sw81 Drilled Length (m): 8.83 Borehole Name: M3 Popham/Hawley Bh471 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426888/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426888/</a>	A11SW (S)	20	2	474980 153940
56	<b>BGS Boreholes</b> BGS Reference: Su75sw83 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh462 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426890/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426890/</a>	A11NW (SE)	0	2	474980 154120
57	<b>BGS Boreholes</b> BGS Reference: Su75sw97 Drilled Length (m): 7.62 Borehole Name: Shapley Heath Cutting Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426904/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426904/</a>	A10NE (N)	0	2	474930 154300
58	<b>BGS Boreholes</b> BGS Reference: Su75sw139 Drilled Length (m): Not Supplied Borehole Name: B.R. Shapley Heath Cutting Link to Borehole Scan: Not Available	A10NE (NW)	1	2	474870 154290
59	<b>BGS Boreholes</b> BGS Reference: Su75se5/A-D Drilled Length (m): 15.24 Borehole Name: M3 Popham/Hawley Bh475,476,477 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426738/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426738/</a>	A11NW (E)	12	2	475240 154150
60	<b>BGS Boreholes</b> BGS Reference: Su75se61 Drilled Length (m): 6.1 Borehole Name: Prop Basingstoke M-Way 80 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426794/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426794/</a>	A11NW (E)	15	2	475192 154105
60	<b>BGS Boreholes</b> BGS Reference: Su75se4 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh474 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426737/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426737/</a>	A11SW (E)	26	2	475190 154090
61	<b>BGS Boreholes</b> BGS Reference: Su75se60 Drilled Length (m): 5.49 Borehole Name: Prop Basingstoke M-Way 79 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426793/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426793/</a>	A11SW (SE)	16	2	475042 153988
61	<b>BGS Boreholes</b> BGS Reference: Su75se2 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh472 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426735/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426735/</a>	A11SW (SE)	30	2	475040 153970

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	<b>BGS Boreholes</b> BGS Reference: Su75sw78 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh460 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426885/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426885/</a>	A10SE (W)	17	2	474710 154040
63	<b>BGS Boreholes</b> BGS Reference: Su75sw72 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh468 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426879/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426879/</a>	A10SE (S)	23	2	474870 153870
63	<b>BGS Boreholes</b> BGS Reference: Su75sw124 Drilled Length (m): .61 Borehole Name: Prop Basingstoke M-Way 78 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426932/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426932/</a>	A10SE (S)	48	2	474846 153852
64	<b>BGS Boreholes</b> BGS Reference: Su75se3 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh473 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426736/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426736/</a>	A11SW (SE)	29	2	475110 154020
65	<b>BGS Boreholes</b> BGS Reference: Su75sw138 Drilled Length (m): 21.34 Borehole Name: B.R. Shapley Heath Cutting Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426946/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426946/</a>	A10NE (N)	46	2	474960 154340
66	<b>BGS Boreholes</b> BGS Reference: Su75se62 Drilled Length (m): 6.1 Borehole Name: Prop Basingstoke M-Way 81 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426795/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426795/</a>	A11NE (E)	70	2	475325 154211
67	<b>BGS Boreholes</b> BGS Reference: Su75sw77 Drilled Length (m): 8.07 Borehole Name: M3 Popham/Hawley Bh459 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426884/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426884/</a>	A10SE (SW)	80	2	474750 153880
68	<b>BGS Boreholes</b> BGS Reference: Su75sw82/A-E Drilled Length (m): 9.14 Borehole Name: M3 Popham/Hawley Bh453,455,457 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426889/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426889/</a>	A10SE (SW)	83	2	474800 153850
68	<b>BGS Boreholes</b> BGS Reference: Su75sw219 Drilled Length (m): 4.85 Borehole Name: M3 Preventative Measures Phase 1 Ws6-3 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/18897282/">http://scans.bgs.ac.uk/sobi_scans/boreholes/18897282/</a>	A10SE (SW)	113	2	474778 153828
68	<b>BGS Boreholes</b> BGS Reference: Su75sw224 Drilled Length (m): 1.2 Borehole Name: M3 Preventative Measures Phase 1 Tp6-1 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/18897287/">http://scans.bgs.ac.uk/sobi_scans/boreholes/18897287/</a>	A10SE (SW)	113	2	474778 153828
68	<b>BGS Boreholes</b> BGS Reference: Su75sw218 Drilled Length (m): 5 Borehole Name: M3 Preventative Measures Phase 1 Ws6-2 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/18897281/">http://scans.bgs.ac.uk/sobi_scans/boreholes/18897281/</a>	A10SE (SW)	116	2	474779 153822
68	<b>BGS Boreholes</b> BGS Reference: Su75sw217 Drilled Length (m): 8 Borehole Name: M3 Preventative Measures Phase 1 Ws6-1 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/18897280/">http://scans.bgs.ac.uk/sobi_scans/boreholes/18897280/</a>	A10SE (SW)	117	2	474782 153817

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	<b>BGS Boreholes</b> BGS Reference: Su75se6 Drilled Length (m): 10.97 Borehole Name: M3 Popham/Hawley Bhb479 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426739/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426739/</a>	A11NE (E)	87	2	475340 154220
70	<b>BGS Boreholes</b> BGS Reference: Su75sw73 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh464 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426880/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426880/</a>	A6NE (S)	139	2	474830 153760
71	<b>BGS Boreholes</b> BGS Reference: Su75sw70 Drilled Length (m): 13.41 Borehole Name: M3 Popham/Hawley Bh451 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426877/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426877/</a>	A10SE (SW)	159	2	474750 153790
72	<b>BGS Boreholes</b> BGS Reference: Su75sw74 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh465 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426881/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426881/</a>	A6NE (S)	174	2	474880 153720
73	<b>BGS Boreholes</b> BGS Reference: Su75se7/A-E Drilled Length (m): Not Supplied Borehole Name: M3 Popham/Hawley 480-484 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426740/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426740/</a>	A11NE (E)	185	2	475420 154280
74	<b>BGS Boreholes</b> BGS Reference: Su75sw69 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh448 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426876/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426876/</a>	A6NE (SW)	210	2	474700 153760
75	<b>BGS Boreholes</b> BGS Reference: Su75se8 Drilled Length (m): 14.02 Borehole Name: M3 Popham/Hawley Bh485 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426741/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426741/</a>	A11NE (NE)	251	2	475450 154350
75	<b>BGS Boreholes</b> BGS Reference: Su75se63 Drilled Length (m): 10.67 Borehole Name: Prop Basingstoke M-Way 82 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426796/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426796/</a>	A11NE (NE)	273	2	475478 154351
75	<b>BGS Boreholes</b> BGS Reference: Su75se11 Drilled Length (m): 27.43 Borehole Name: M3 Popham/Hawley Bh488 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426744/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426744/</a>	A11NE (E)	282	2	475490 154350
76	<b>BGS Boreholes</b> BGS Reference: Su75sw75 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh466 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426882/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426882/</a>	A6NE (S)	251	2	474930 153650
77	<b>BGS Boreholes</b> BGS Reference: Su75sw123 Drilled Length (m): 2.44 Borehole Name: Prop Basingstoke M-Way 77 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426931/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426931/</a>	A6NE (SW)	253	2	474646 153739
77	<b>BGS Boreholes</b> BGS Reference: Su75sw67 Drilled Length (m): 9.14 Borehole Name: M3 Popham/Hawley Bh449 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426874/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426874/</a>	A6NW (SW)	261	2	474630 153740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	<b>BGS Boreholes</b> BGS Reference: Su75sw68 Drilled Length (m): 9.14 Borehole Name: M3 Popham/Hawley Bh450 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426875/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426875/</a>	A6NE (SW)	281	2	474660 153700
78	<b>BGS Boreholes</b> BGS Reference: Su75se9 Drilled Length (m): 14.02 Borehole Name: M3 Popham/Hawley Bh486 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426742/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426742/</a>	A11NE (E)	270	2	475500 154310
79	<b>BGS Boreholes</b> BGS Reference: Su75se50 Drilled Length (m): 15.24 Borehole Name: Bridge Farm Winchfield Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426783/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426783/</a>	A11SW (SE)	291	2	475210 153770
80	<b>BGS Boreholes</b> BGS Reference: Su75sw76 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh467 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426883/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426883/</a>	A6NE (S)	300	2	474970 153610
81	<b>BGS Boreholes</b> BGS Reference: Su75se10 Drilled Length (m): 14.02 Borehole Name: M3 Popham/Hawley Bh487 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426743/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426743/</a>	A11NE (E)	324	2	475540 154350
82	<b>BGS Boreholes</b> BGS Reference: Su75se12/A-H Drilled Length (m): 36.57 Borehole Name: M3 Popham/Hawley Bh490,491,493 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426745/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426745/</a>	A11NE (NE)	360	2	475550 154400
83	<b>BGS Boreholes</b> BGS Reference: Su75sw122 Drilled Length (m): 2.44 Borehole Name: Prop Basingstoke M-Way 76 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426930/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426930/</a>	A6NW (SW)	379	2	474530 153670
83	<b>BGS Boreholes</b> BGS Reference: Su75sw66 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh445 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426873/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426873/</a>	A6NW (SW)	381	2	474550 153650
84	<b>BGS Boreholes</b> BGS Reference: Su75se14 Drilled Length (m): 18.28 Borehole Name: M3 Popham/Hawley Bh504 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426747/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426747/</a>	A15SE (NE)	420	2	475570 154470
85	<b>BGS Boreholes</b> BGS Reference: Su75se13 Drilled Length (m): 29.26 Borehole Name: M3 Popham/Hawley Bh503b Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426746/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426746/</a>	A15SE (NE)	460	2	475630 154460
85	<b>BGS Boreholes</b> BGS Reference: Su75se15 Drilled Length (m): 15.24 Borehole Name: M3 Popham/Hawley Bh505 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426748/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426748/</a>	A16SW (NE)	485	2	475660 154460
86	<b>BGS Boreholes</b> BGS Reference: Su75se64 Drilled Length (m): 4.57 Borehole Name: Prop Basingstoke M-Way 83 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426797/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426797/</a>	A15SE (NE)	461	2	475610 154487



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	<b>BGS Boreholes</b> BGS Reference: Su75sw65 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bhb444 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426872/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426872/</a>	A6NW (SW)	470	2	474460 153610
87	<b>BGS Boreholes</b> BGS Reference: Su75sw121 Drilled Length (m): 1.52 Borehole Name: Prop Basingstoke M-Way 75 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426929/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426929/</a>	A6NW (SW)	484	2	474429 153621
88	<b>BGS Boreholes</b> BGS Reference: Su75se16 Drilled Length (m): 9.44 Borehole Name: M3 Popham/Hawley Bh506 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426749/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426749/</a>	A16SW (NE)	513	2	475650 154520
88	<b>BGS Boreholes</b> BGS Reference: Su75se17 Drilled Length (m): 9.44 Borehole Name: M3 Popham/Hawley Bh507 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426750/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426750/</a>	A16SW (NE)	516	2	475670 154500
89	<b>BGS Boreholes</b> BGS Reference: Su75sw63 Drilled Length (m): 15.24 Borehole Name: M3 Popham/Hawley Bh441 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426870/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426870/</a>	A6NW (SW)	523	2	474370 153630
90	<b>BGS Boreholes</b> BGS Reference: Su75se65 Drilled Length (m): 3.66 Borehole Name: Prop Basingstoke M-Way 84 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426798/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426798/</a>	A16SW (NE)	564	2	475687 154555
90	<b>BGS Boreholes</b> BGS Reference: Su75se18 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh508 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426751/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426751/</a>	A16SW (NE)	613	2	475730 154580
91	<b>BGS Boreholes</b> BGS Reference: Su75sw64 Drilled Length (m): 9.14 Borehole Name: M3 Popham/Hawley Bh442 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426871/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426871/</a>	A6NW (SW)	584	2	474350 153560
92	<b>BGS Boreholes</b> BGS Reference: Su75se42 Drilled Length (m): 2.3 Borehole Name: Near Odiham Wood Odiham Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426775/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426775/</a>	A7NE (SE)	614	2	475330 153460
93	<b>BGS Boreholes</b> BGS Reference: Su75sw62 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh439 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426869/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426869/</a>	A5NE (SW)	671	2	474260 153530
93	<b>BGS Boreholes</b> BGS Reference: Su75sw120 Drilled Length (m): 1.52 Borehole Name: Prop Basingstoke M-Way 74 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426928/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426928/</a>	A5NE (SW)	676	2	474247 153539
94	<b>BGS Boreholes</b> BGS Reference: Su75se19 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh509 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426752/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426752/</a>	A16SW (NE)	719	2	475810 154650

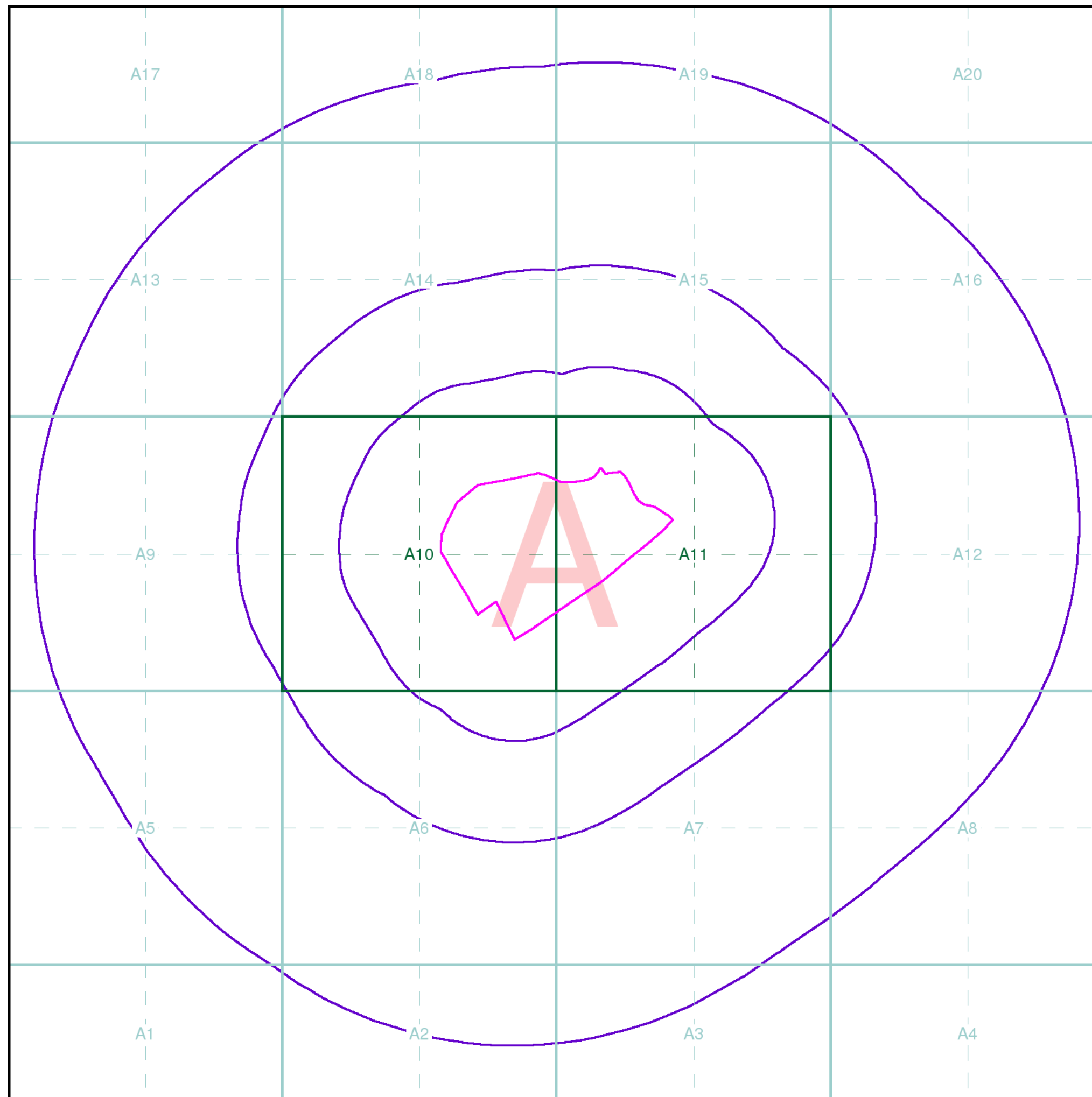


Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	<b>BGS Boreholes</b> BGS Reference: Su75sw61 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh438 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426868/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426868/</a>	A5NE (SW)	737	2	474200 153500
96	<b>BGS Boreholes</b> BGS Reference: Su75se59 Drilled Length (m): 7.62 Borehole Name: Brickyard Winchfield Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426792/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426792/</a>	A12NE (E)	774	2	476030 154110
96	<b>BGS Boreholes</b> BGS Reference: Su75se71 Drilled Length (m): 7.62 Borehole Name: Brickyard Winchfield Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426804/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426804/</a>	A12SE (E)	816	2	476070 154090
97	<b>BGS Boreholes</b> BGS Reference: Su75sw60 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh437 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426867/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426867/</a>	A5NE (SW)	797	2	474140 153480
98	<b>BGS Boreholes</b> BGS Reference: Su75se20 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh510 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426753/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426753/</a>	A16SW (NE)	819	2	475890 154710
98	<b>BGS Boreholes</b> BGS Reference: Su75se66 Drilled Length (m): 1.52 Borehole Name: Prop Basingstoke M-Way 85 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426799/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426799/</a>	A16SW (NE)	849	2	475906 154738
99	<b>BGS Boreholes</b> BGS Reference: Su75sw119 Drilled Length (m): .61 Borehole Name: Prop Basingstoke M-Way 73 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426927/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426927/</a>	A5NE (SW)	864	2	474065 153469
99	<b>BGS Boreholes</b> BGS Reference: Su75sw59 Drilled Length (m): 8.07 Borehole Name: M3 Popham/Hawley Bh436 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426866/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426866/</a>	A5NE (SW)	901	2	474040 153440
100	<b>BGS Boreholes</b> BGS Reference: Su75se22 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh517 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426755/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426755/</a>	A16NW (NE)	915	2	475920 154820
101	<b>BGS Boreholes</b> BGS Reference: Su75se21/A-F Drilled Length (m): 10.66 Borehole Name: M3 Popham/Hawley Bh511,513,514 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426754/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426754/</a>	A16SE (NE)	930	2	476000 154750
102	<b>BGS Boreholes</b> BGS Reference: Su75se23 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh518 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426756/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426756/</a>	A16NW (NE)	932	2	475860 154900
103	<b>BGS Boreholes</b> BGS Reference: Su75se25 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh520 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426758/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426758/</a>	A16SE (NE)	939	2	476040 154710

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
104	<b>BGS Boreholes</b> BGS Reference: Su75se67 Drilled Length (m): 1.52 Borehole Name: Prop Basingstoke M-Way 86 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426800/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426800/</a>	A16NE (NE)	955	2	476000 154790
105	<b>BGS Boreholes</b> BGS Reference: Su75sw90 Drilled Length (m): 3.5 Borehole Name: Near Poland Odiham Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426897/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426897/</a>	A2NW (SW)	976	2	474380 153050
106	<b>BGS Boreholes</b> BGS Reference: Su75sw58 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh435 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426865/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426865/</a>	A5SW (SW)	984	2	473960 153410
107	<b>BGS Boreholes</b> BGS Reference: Su75se24 Drilled Length (m): 7.62 Borehole Name: M3 Popham/Hawley Bh519 Link to Borehole Scan: <a href="http://scans.bgs.ac.uk/sobi_scans/boreholes/426757/">http://scans.bgs.ac.uk/sobi_scans/boreholes/426757/</a>	A16NW (NE)	993	2	475850 154990

BGS Boreholes	Version	Update Cycle
<b>BGS Boreholes</b> British Geological Survey - National Geoscience Information Service	October 2013	Quarterly

Contact Details	Contact Logo
<b>2 British Geological Survey - Enquiry Service</b> British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk	 <b>British Geological Survey</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
<b>- Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk	



## Index Map

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

### Slice

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

### Segment

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

### Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

## Prepared For

Britsolar Limited  
90 Hatton Garden  
London  
EC1N 8PN

## Client Details

Mr C Berryman, ESI Ltd, New Zealand House, 160 Abbey Foregate, Shrewsbury, Shropshire, SY2 6FD

## Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474940, 154130  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

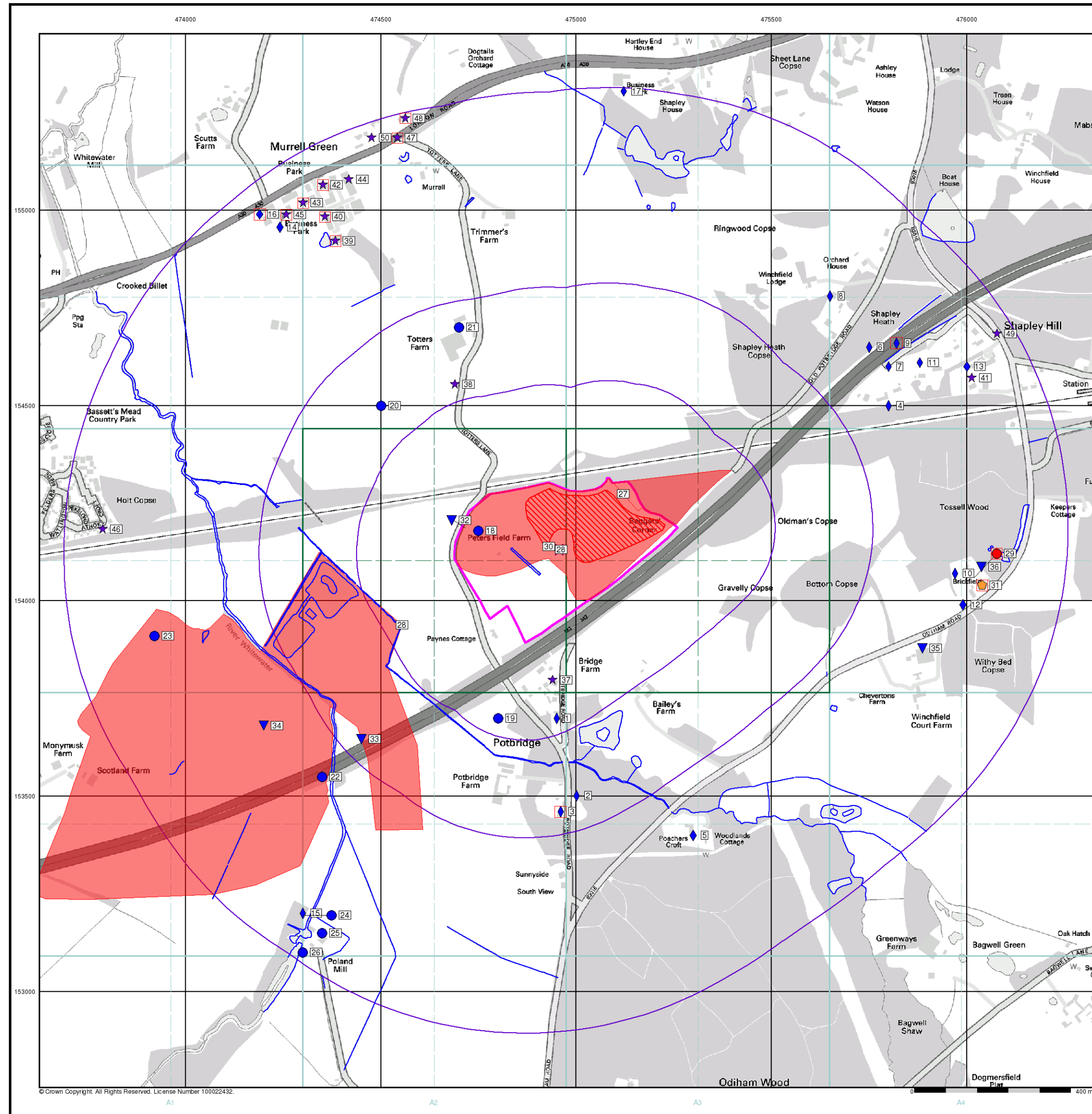
## Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX

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



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



### General

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

### Agency and Hydrological

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

### Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

### Hazardous Substances

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

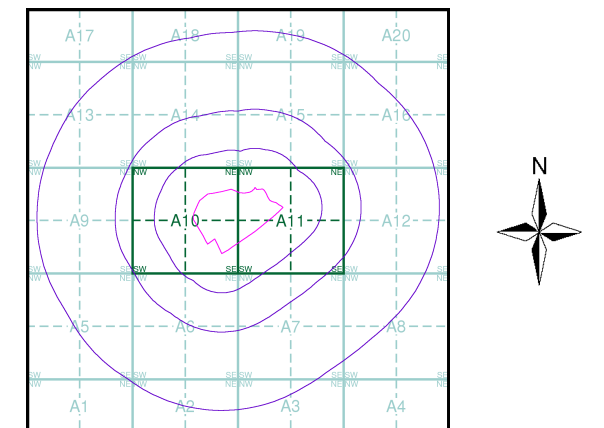
### Geological

- BGS Recorded Mineral Site

### Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

### Site Sensitivity Map - Slice A



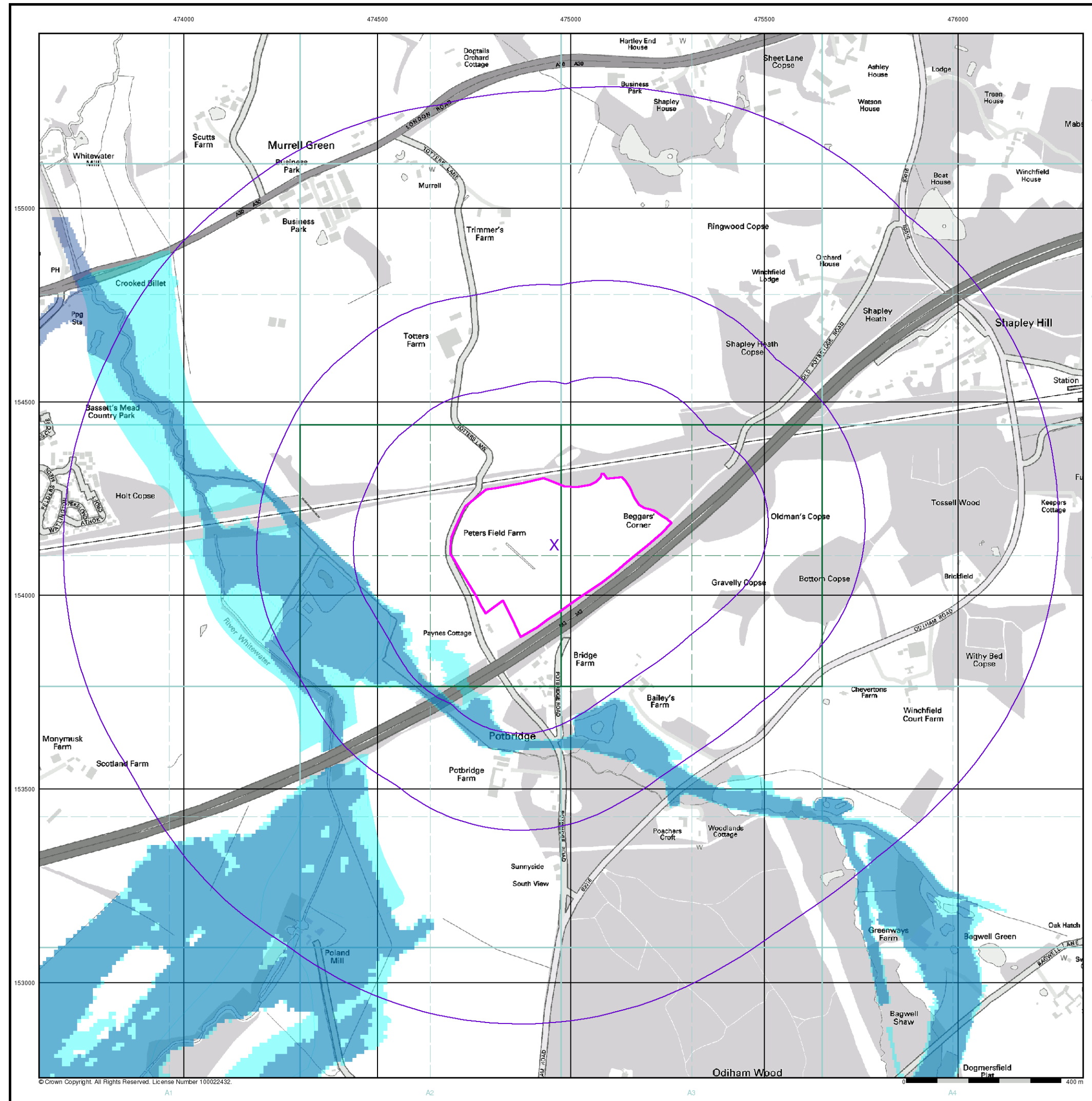
### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX





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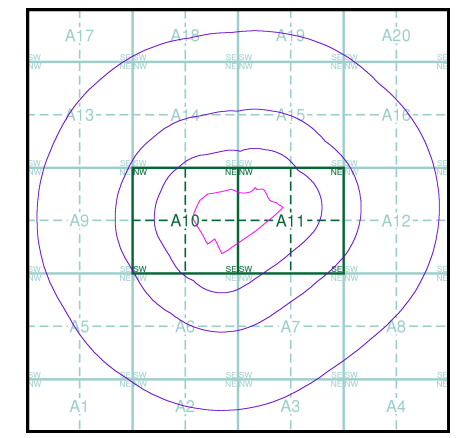
**General**

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

**Agency and Hydrological (Flood)**

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

**Flood Map - Slice A**

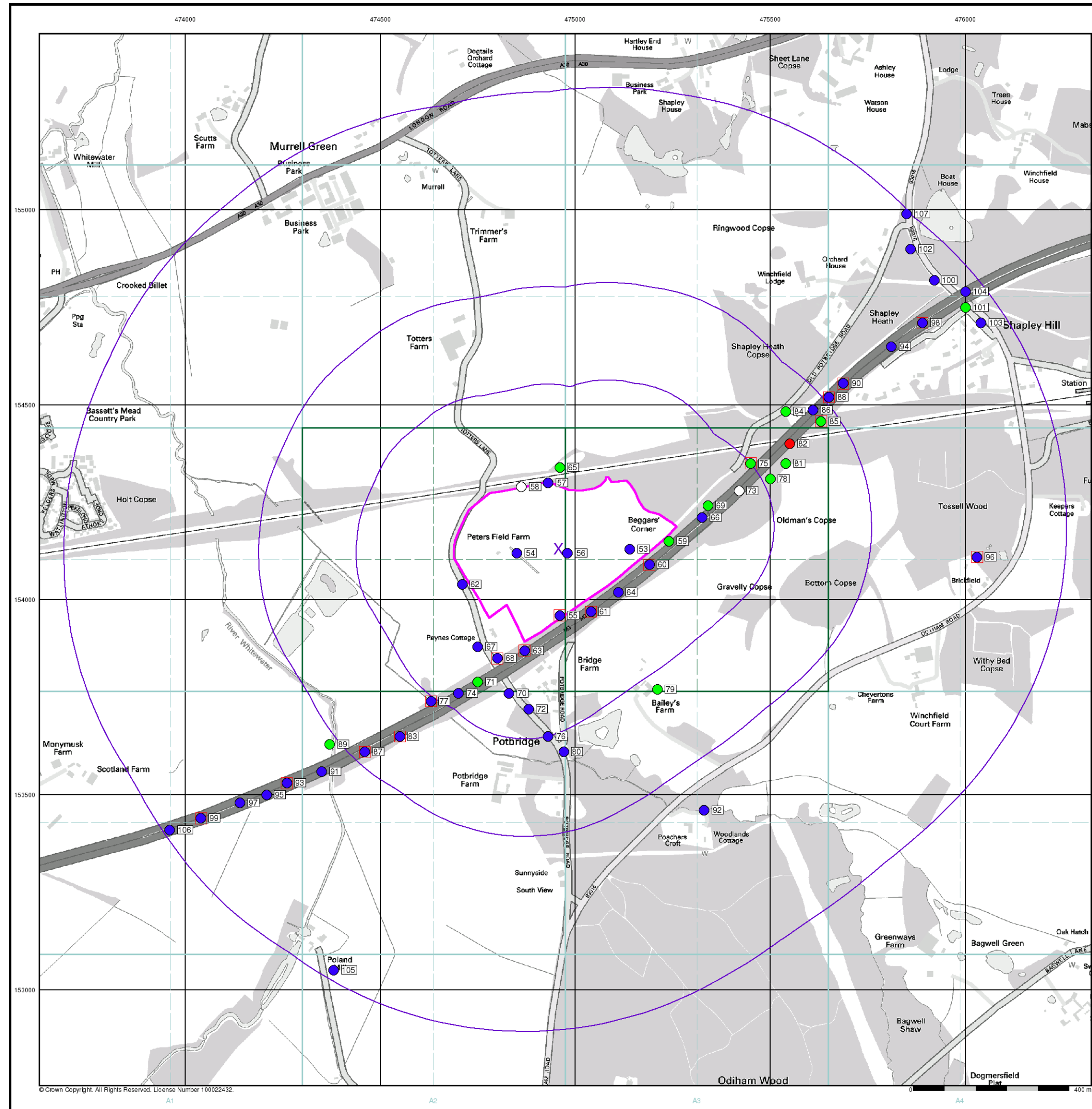


**Order Details**

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

**Site Details**

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX



**General**

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

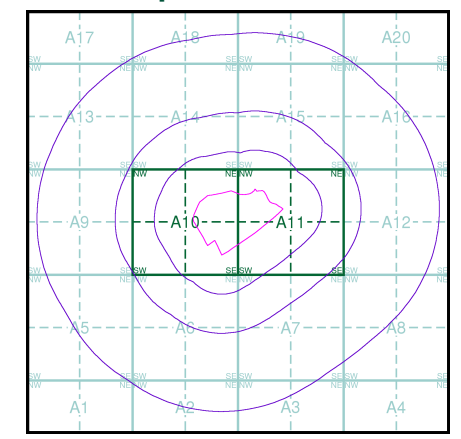
**Agency and Hydrological (Boreholes)**

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

For Borehole information please refer to the Borehole datasheet 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](http://www.envirocheck.co.uk).

**Borehole Map - Slice A**



**Order Details**

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

**Site Details**

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX



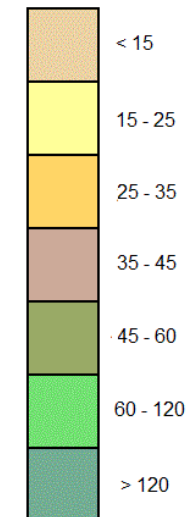


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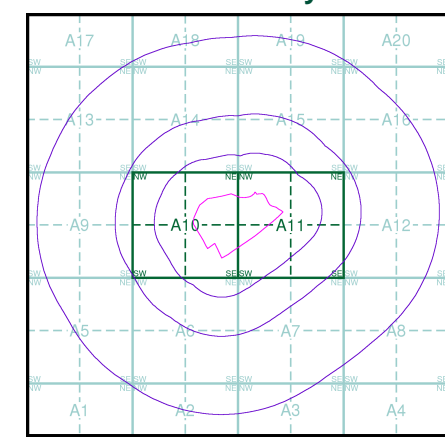
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

**Estimated Soil Chemistry Arsenic**

Arsenic Concentrations mg/kg



**Estimated Soil Chemistry Arsenic - Slice A**



**Order Details**

Order Details: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

**Site Details**

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX



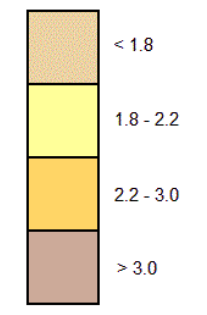


**General**

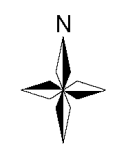
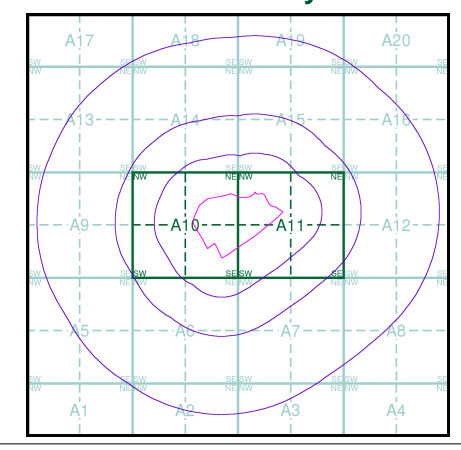
Specified Site Specified Buffer(s) Bearing Reference Point

**Estimated Soil Chemistry Cadmium**

Cadmium Concentrations mg/kg



**Estimated Soil Chemistry Cadmium - Slice A**

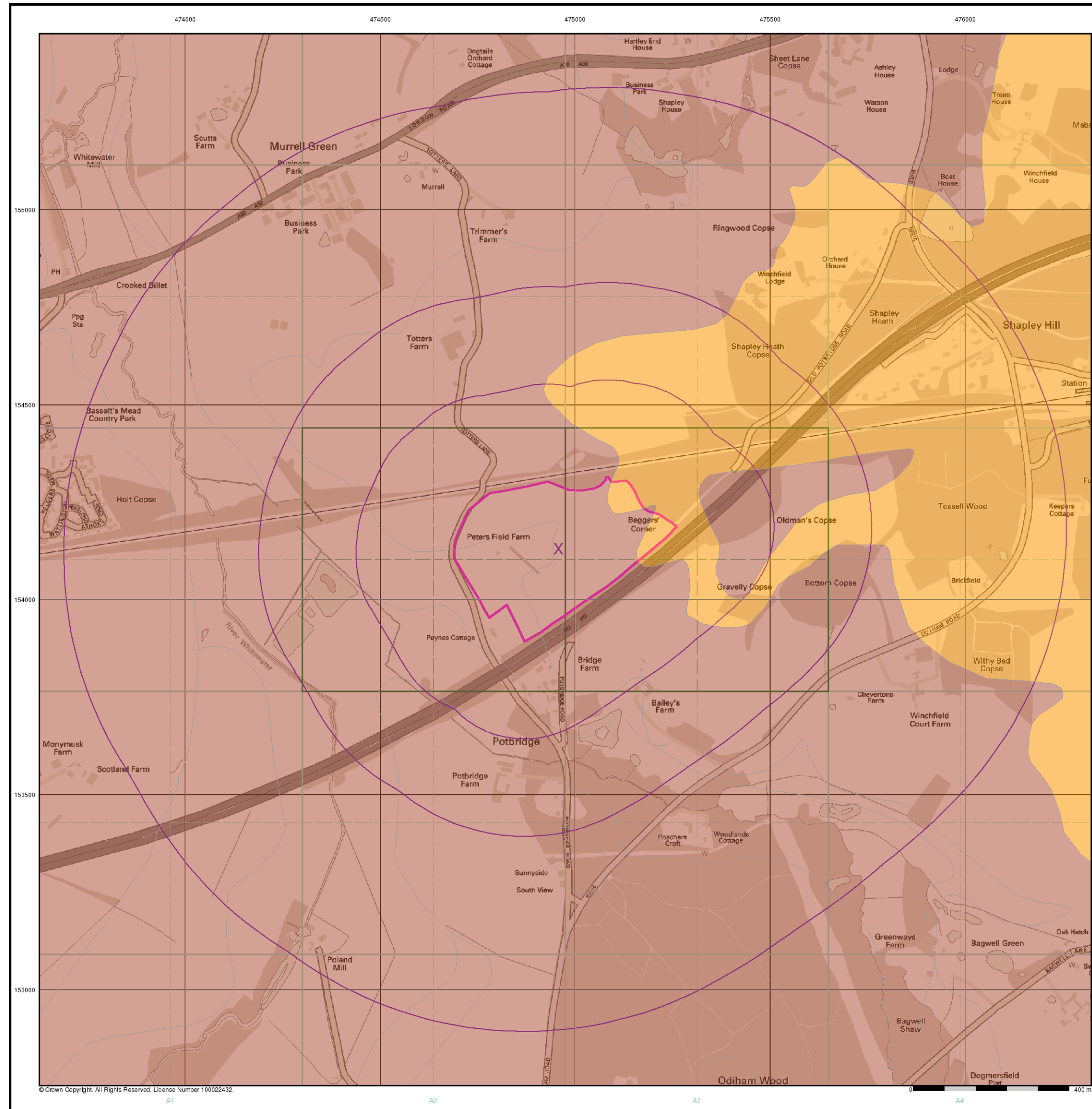


**Order Details**

Order Details: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

**Site Details**

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX

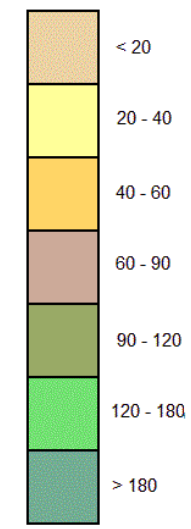


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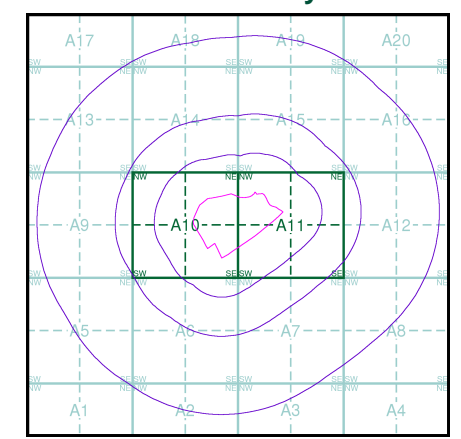
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

**Estimated Soil Chemistry Chromium**

Chromium Concentrations mg/kg



**Estimated Soil Chemistry Chromium - Slice A**



**Order Details**

Order Details: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

**Site Details**

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX



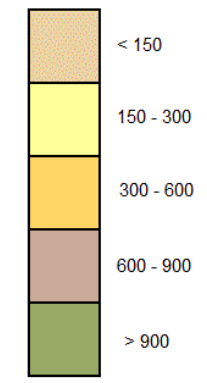


**General**

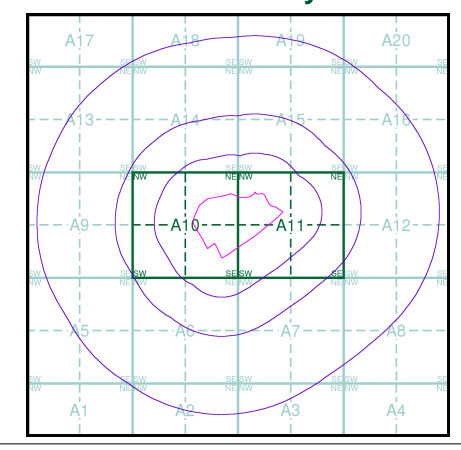
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

**Estimated Soil Chemistry Lead**

Lead Concentrations mg/kg



**Estimated Soil Chemistry Lead - Slice A**

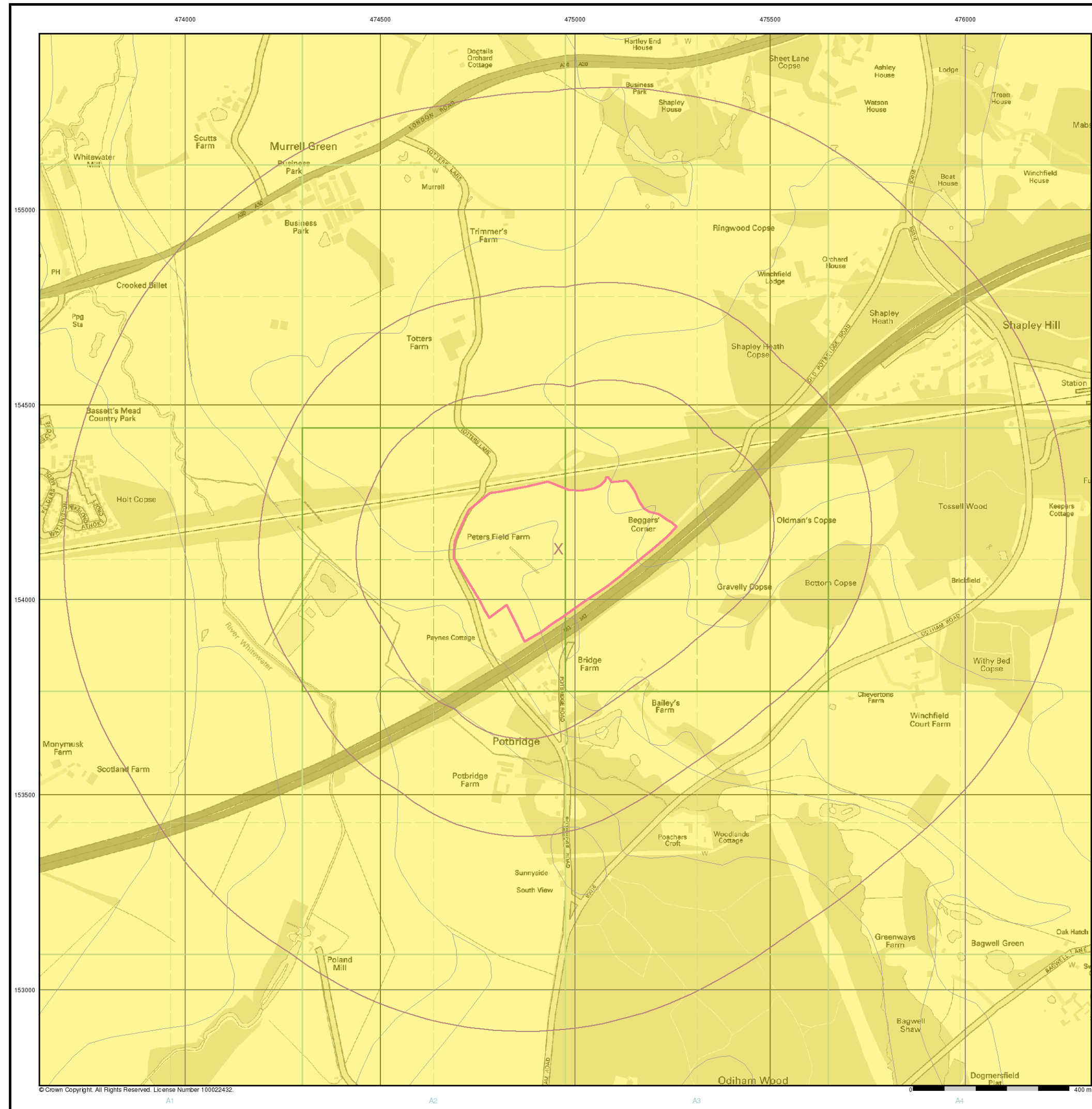


**Order Details**

Order Details: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

**Site Details**

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX

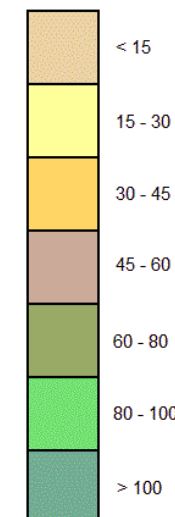


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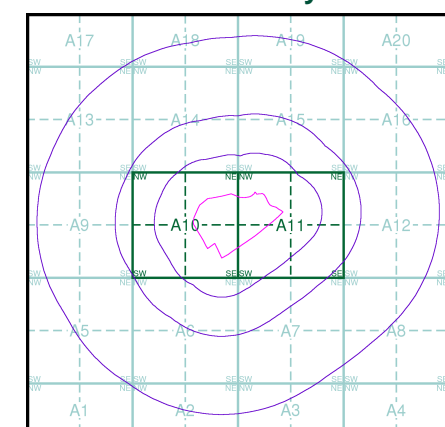
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

**Estimated Soil Chemistry Nickel**

Nickel Concentrations mg/kg



**Estimated Soil Chemistry Nickel - Slice A**



**Order Details**

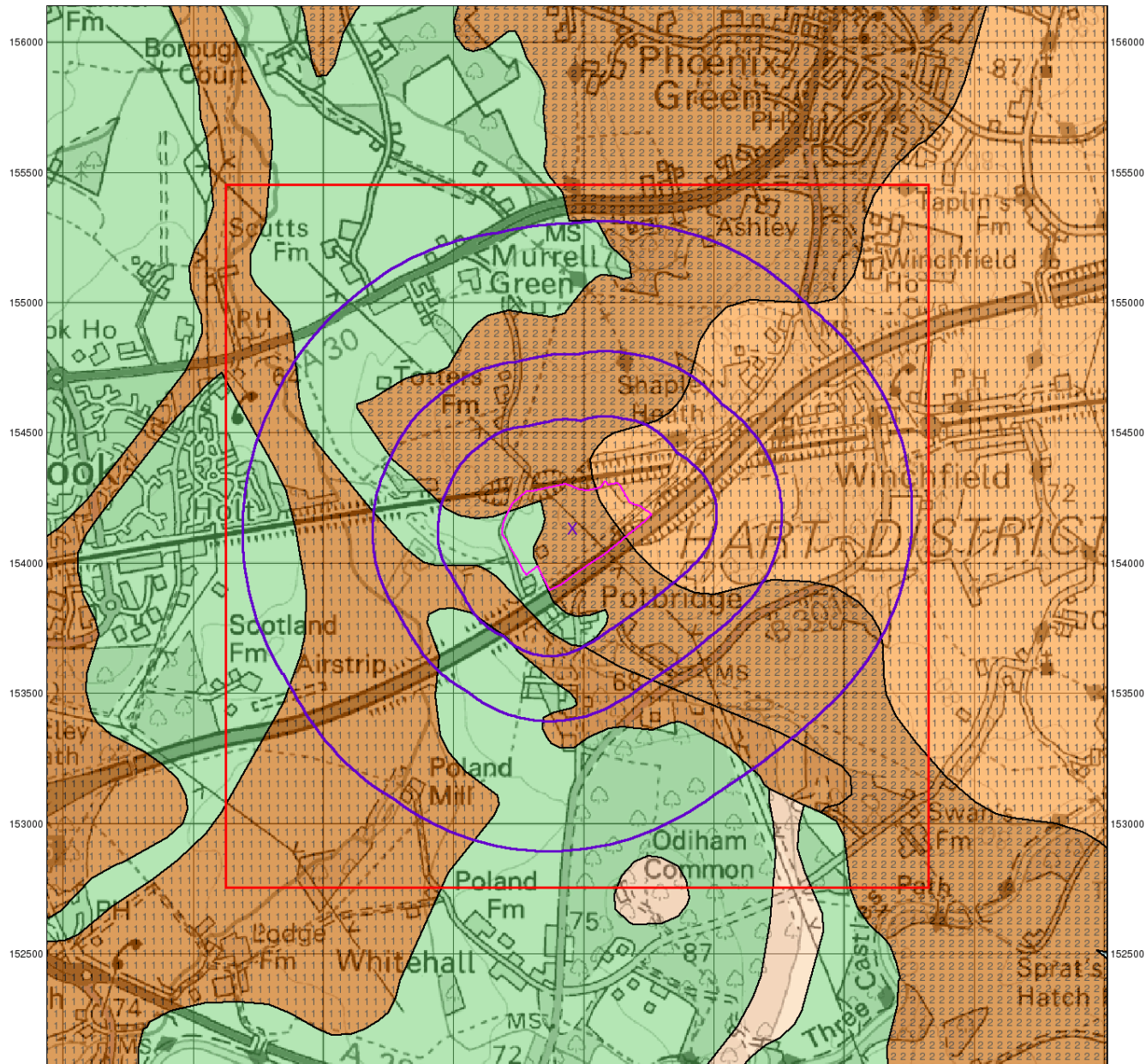
Order Details: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

**Site Details**

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX



473000 473500 474000 474500 475000 475500 476000 476500 477000



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0 1 km

## Groundwater Vulnerability

### General

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

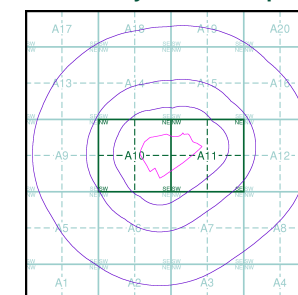
### Agency and Hydrological

#### Geological Classes

- |   |   |
|---|---|
| <b>Major Aquifer (Highly Permeable)</b>   | High (H) 1, 2, 3, U<br>Intermediate (I) 1, 2<br>Low |
| <b>Minor Aquifer (Variably Permeable)</b> | High (H) 1, 2, 3, U<br>Intermediate (I) 1, 2<br>Low |
| <b>Non Aquifer (Negligibly Permeable)</b> |   |
| <b>Water or Sea</b>                       |   |
| <b>Drift Deposit</b>                      |   |

#### Soil Classes

### Site Sensitivity Context Map - Slice A



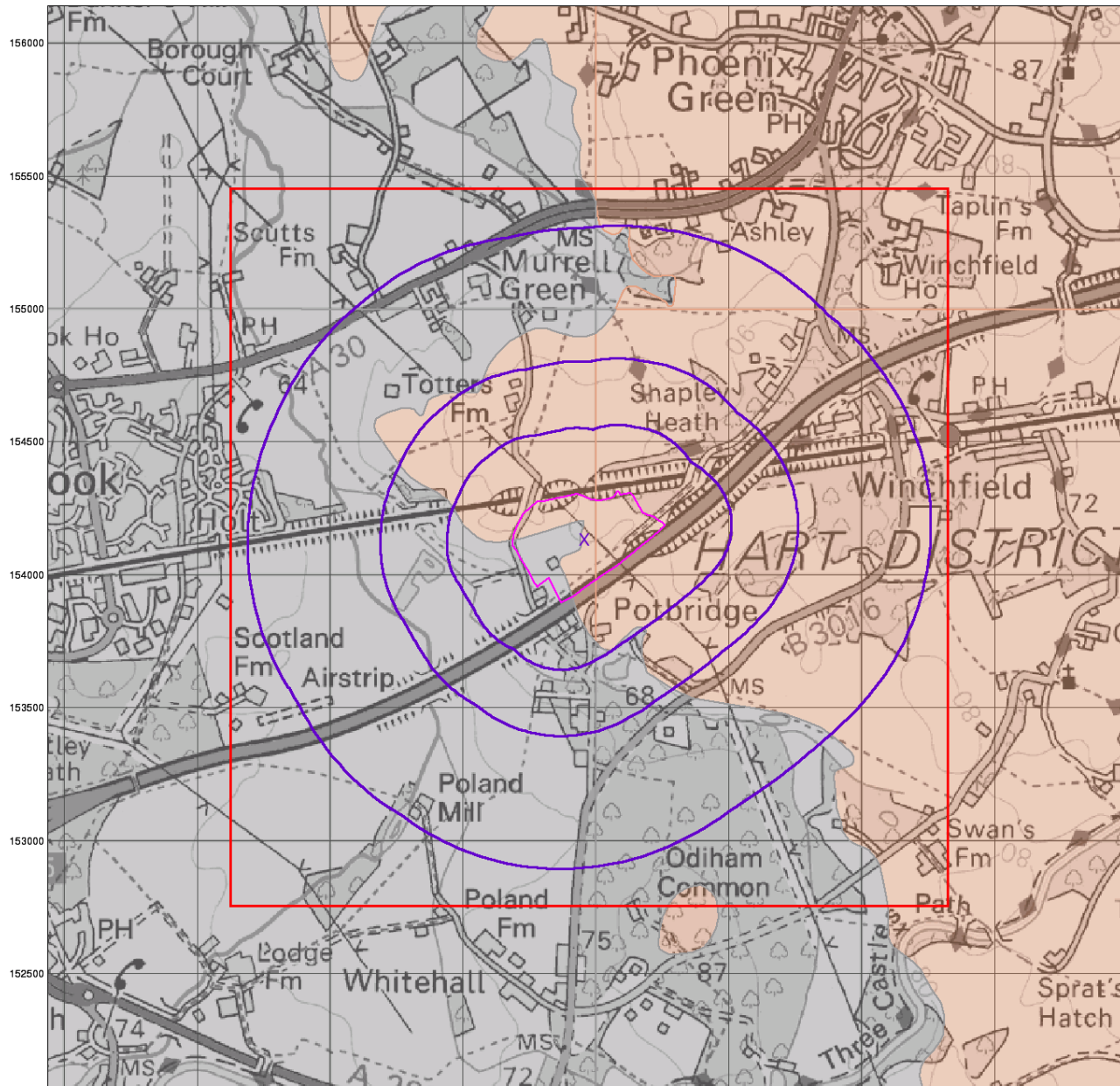
### Order Details

Order Number: 51067617\_1\_1  
 Customer Ref: 61997R1  
 National Grid Reference: 474960, 154130  
 Slice: A  
 Site Area (Ha): 14.27  
 Search Buffer (m): 1000

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX

473000 473500 474000 474500 475000 475500 476000 476500 477000



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0 1 km

## Bedrock Aquifer Designation

### General

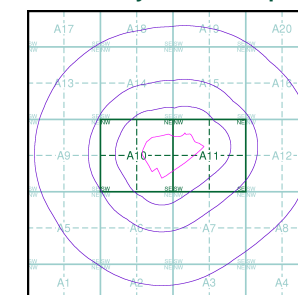
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

### Site Sensitivity Context Map - Slice A



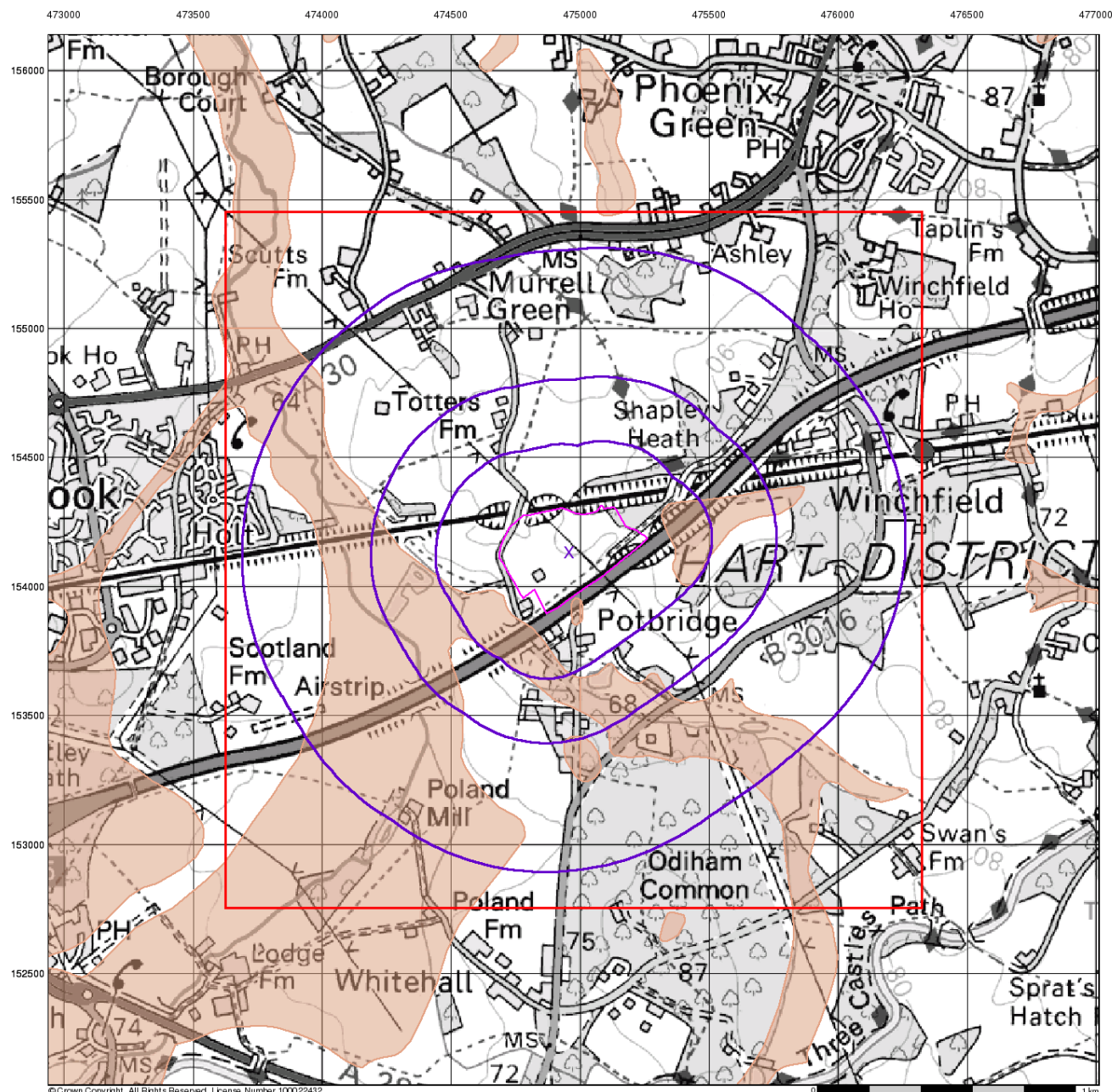
### Order Details

Order Number: 51067617\_1\_1  
 Customer Ref: 61997R1  
 National Grid Reference: 474960, 154130  
 Slice: A  
 Site Area (Ha): 14.27  
 Search Buffer (m): 1000

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX





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## Superficial Aquifer Designation

### General

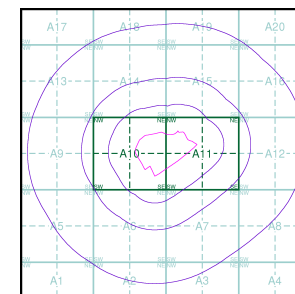
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

### Site Sensitivity Context Map - Slice A

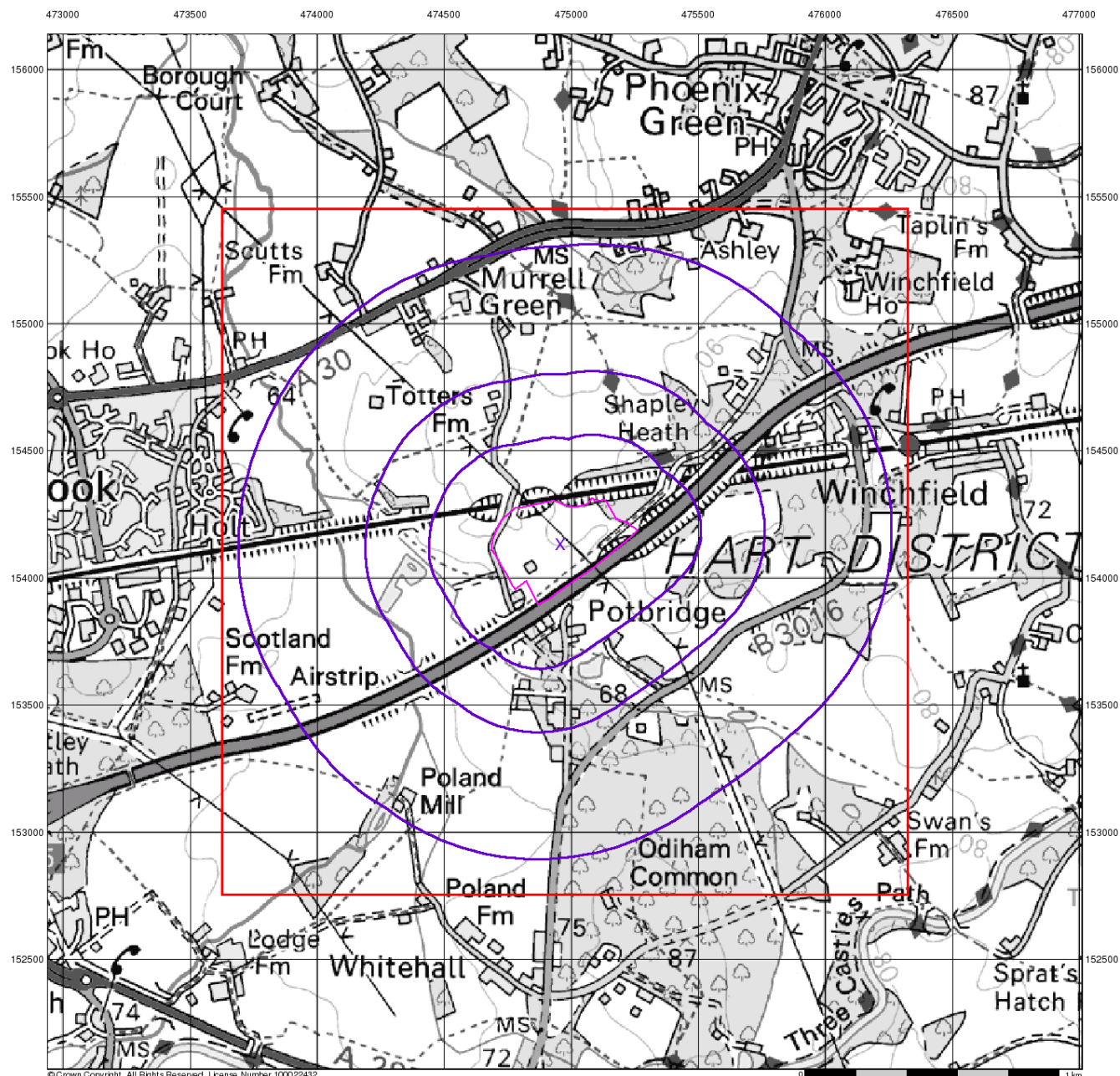


### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney,  
HOOK, Hampshire, RG27 8HX



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## Source Protection Zones

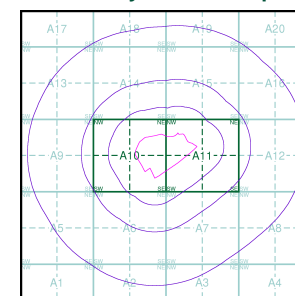
### General

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

### Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

## Site Sensitivity Context Map - Slice A



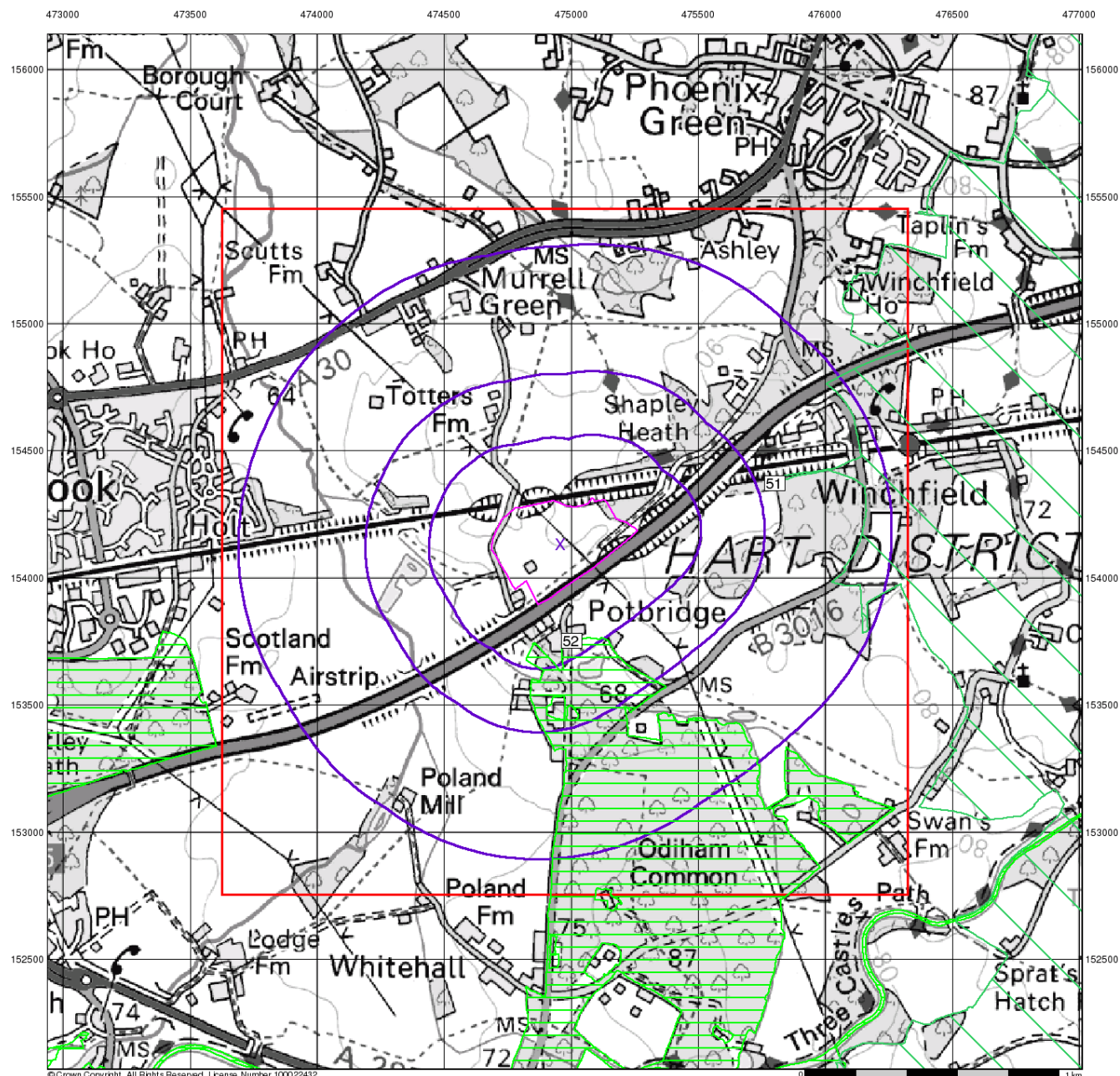
### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney,  
HOOK, Hampshire, RG27 8HX





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## Sensitive Land Uses

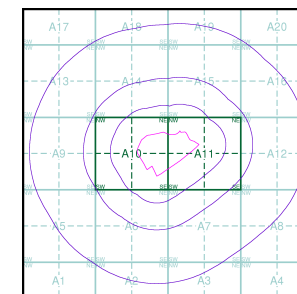
### General

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

### Sensitive Land Uses

- A Area of Adopted Green Belt
- A Area of Unadopted Green Belt
- A Area of Outstanding Natural Beauty
- A Environmentally Sensitive Area
- A Forest Park
- A Local Nature Reserve
- A Marine Nature Reserve
- A National Nature Reserve
- A National Park
- A Nitrate Sensitive Area
- A Nitrate Vulnerable Zone
- A Ramsar Site
- A Site of Special Scientific Interest
- A Special Area of Conservation
- A Special Protection Area

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 51067617\_1\_1  
 Customer Ref: 61997R1  
 National Grid Reference: 474960, 154130  
 Slice: A  
 Site Area (Ha): 14.27  
 Search Buffer (m): 1000

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX

# APPENDIX B

## **Envirocheck Historical Maps**

# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

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

## Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

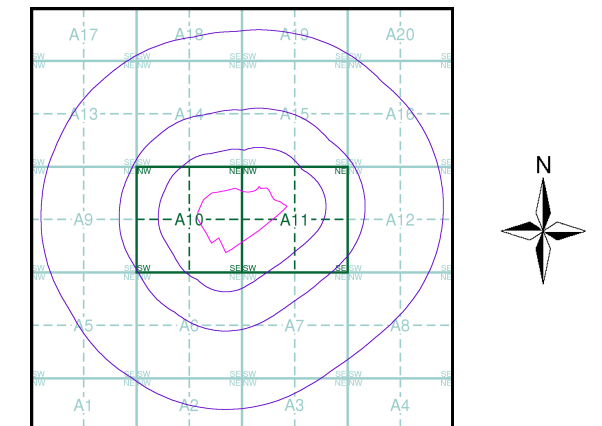
## 1:10,000 Raster Mapping

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

## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:10,560	1873 - 1875	2
Hampshire & Isle Of Wight	1:10,560	1897	3
Hampshire & Isle Of Wight	1:10,560	1912	4
Hampshire & Isle Of Wight	1:10,560	1932	5
Hampshire & Isle Of Wight	1:10,560	1938 - 1939	6
Historical Aerial Photography	1:10,560	1947	7
Historical Aerial Photography	1:10,560	1947	8
Ordnance Survey Plan	1:10,000	1961 - 1962	9
Ordnance Survey Plan	1:10,000	1972 - 1973	10
Ordnance Survey Plan	1:10,000	1983 - 1985	11
Ordnance Survey Plan	1:10,000	1993	12
10K Raster Mapping	1:10,000	2013	13

## Historical Map - Slice A



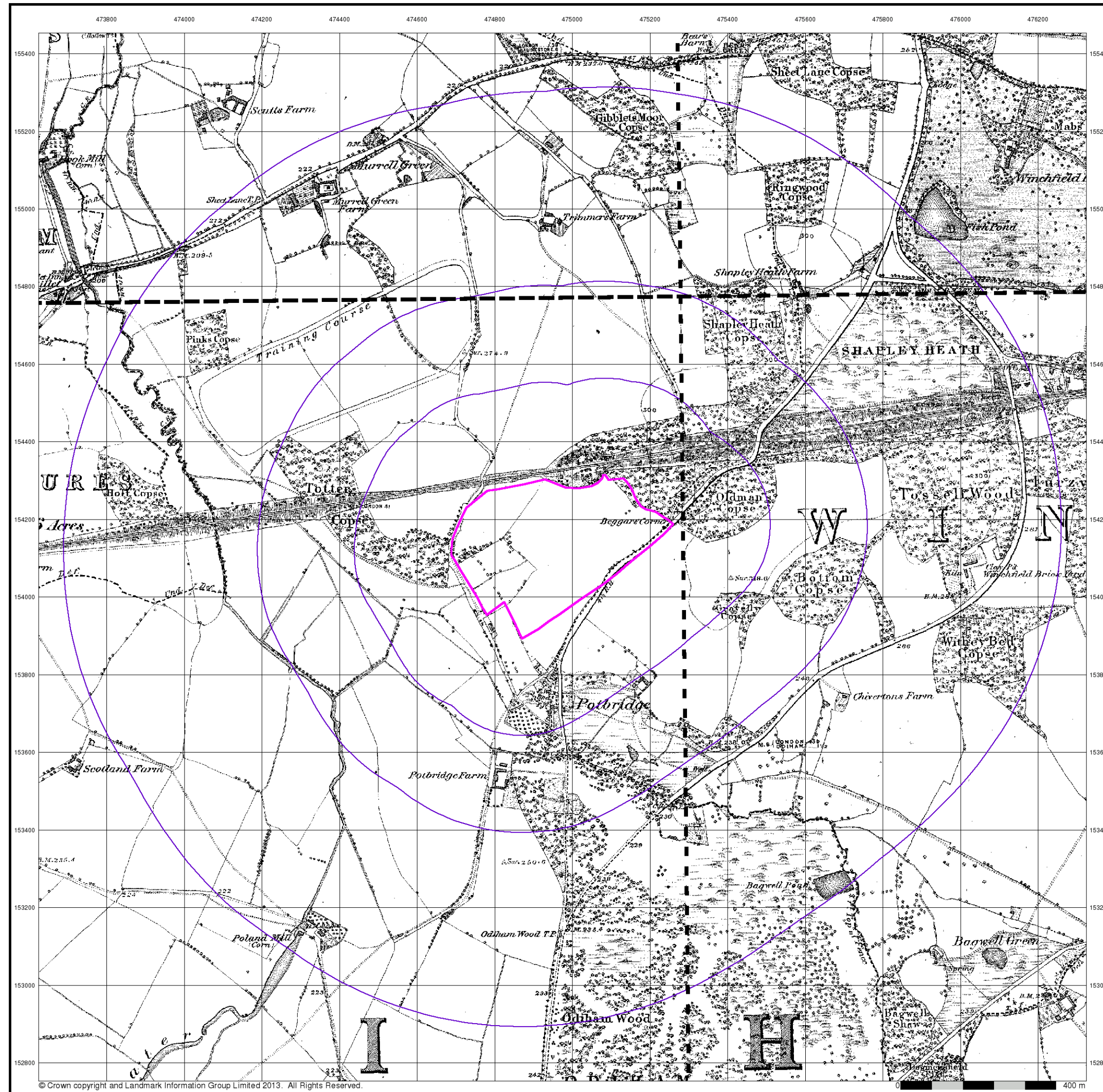
## Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

## Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX





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## Hampshire & Isle Of Wight

Published 1873 - 1875

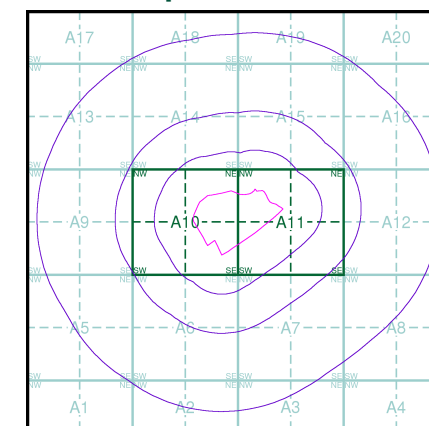
Source map scale - 1:10,560

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

### Map Name(s) and Date(s)

01100 1875 1:10,560	01200 1875 1:10,560
01900 1875 1:10,560	02000 1873 1:10,560

### Historical Map - Slice A



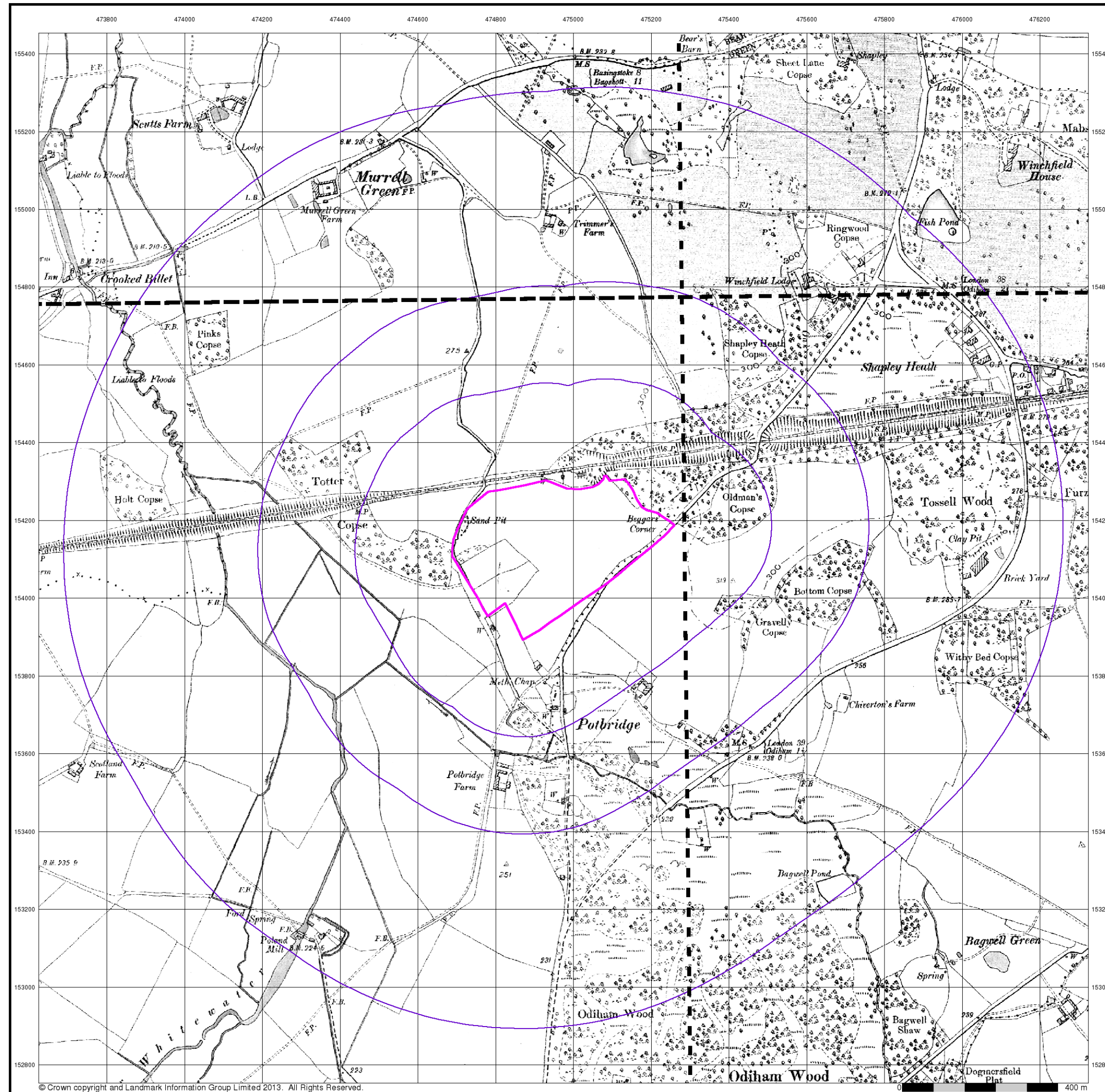
### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX





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## Hampshire & Isle Of Wight

Published 1897

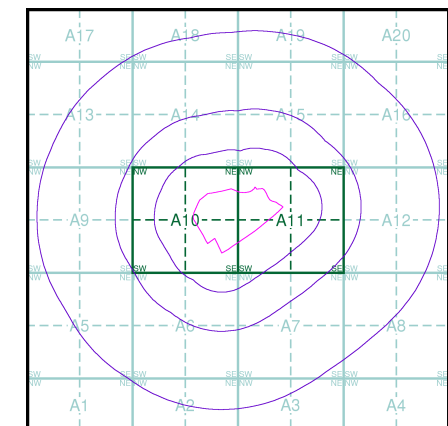
Source map scale - 1:10,560

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

### Map Name(s) and Date(s)

011SE 1897 1:10,560	012SW 1897 1:10,560
019NE 1897 1:10,560	020NW 1897 1:10,560

### Historical Map - Slice A



### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

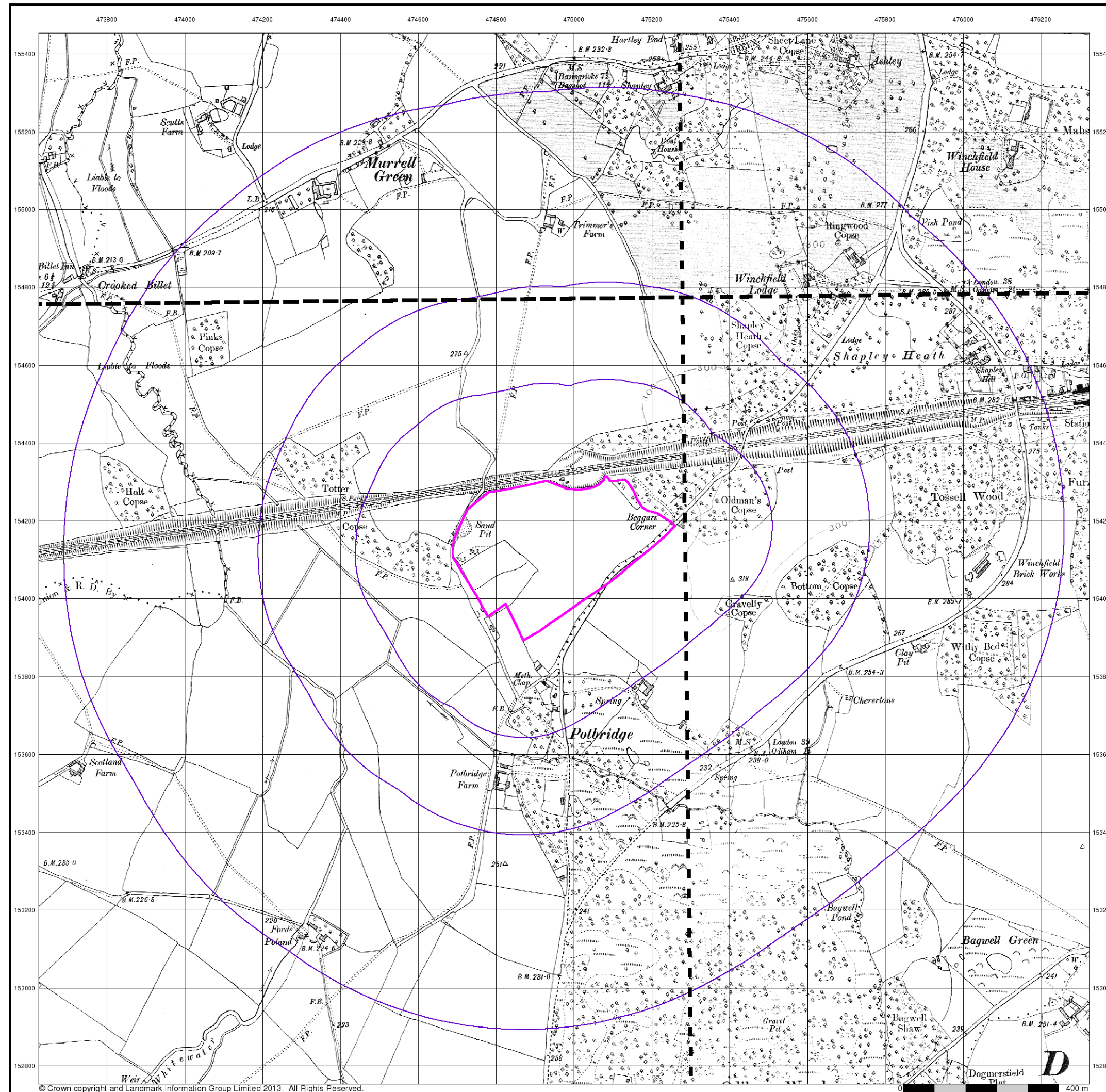
### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX



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





## Hampshire & Isle Of Wight

Published 1912

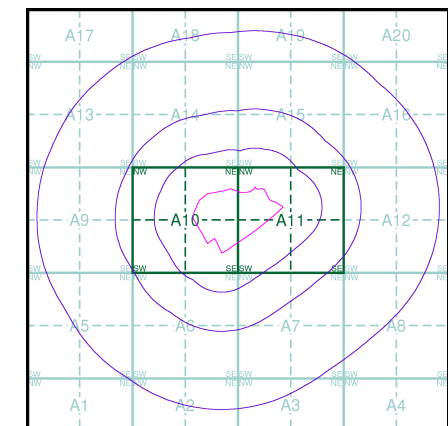
Source map scale - 1:10,560

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

### Map Name(s) and Date(s)

011SE 1912 1:10,560	012SW 1912 1:10,560
019NE 1912 1:10,560	020NW 1912 1:10,560

### Historical Map - Slice A



### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

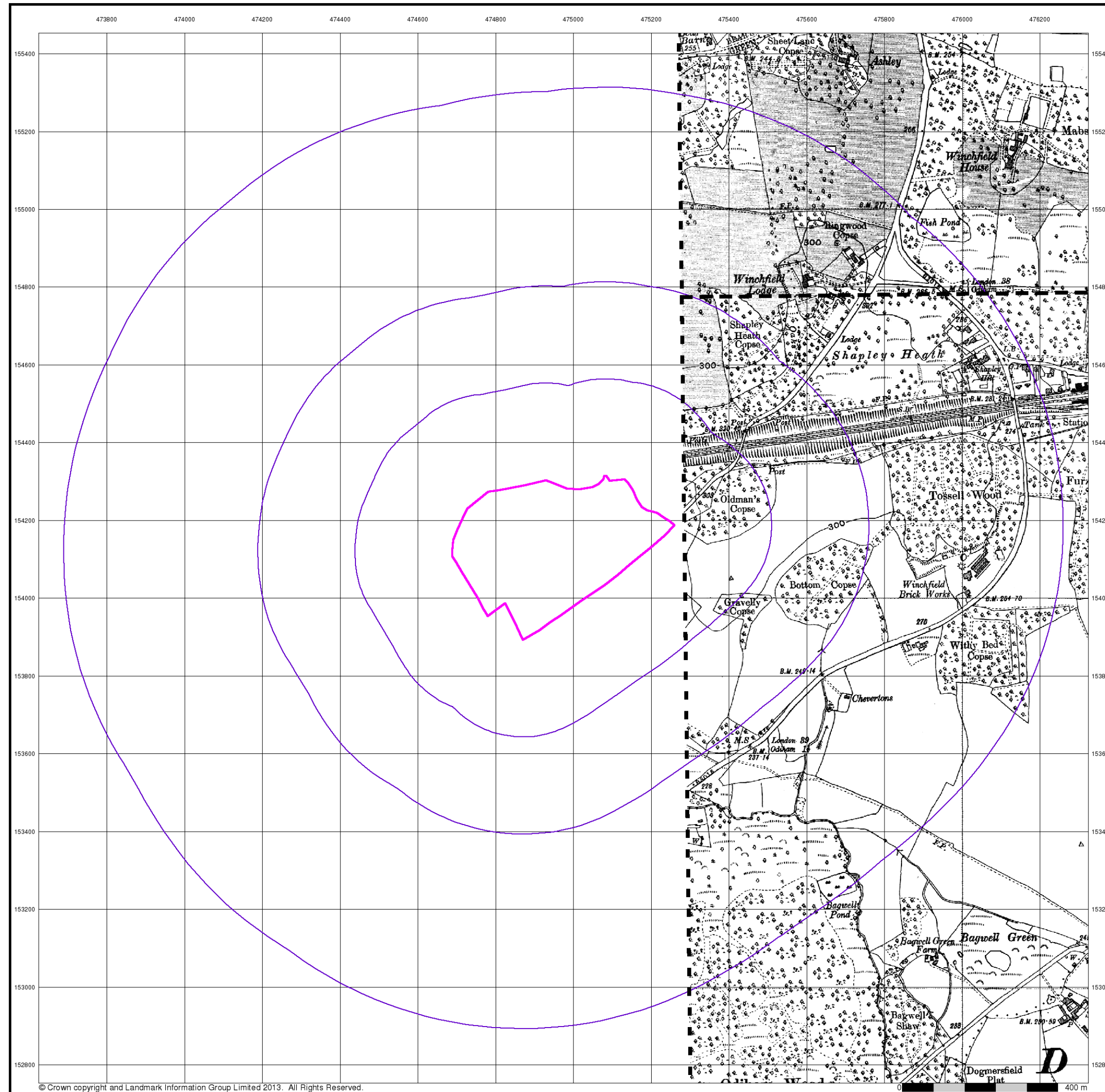
### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley  
Wintney, HOOK, Hampshire, RG27 8HX









## Hampshire & Isle Of Wight

Published 1938 - 1939

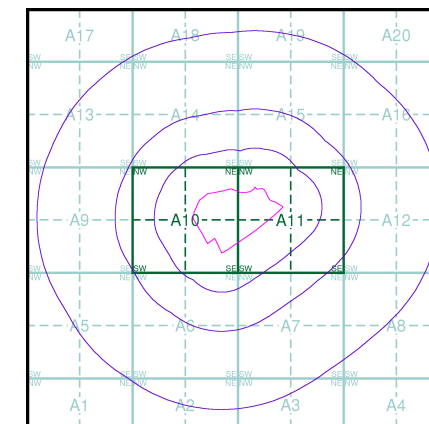
Source map scale - 1:10,560

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

### Map Name(s) and Date(s)

012SW
1939
1:10,560
020NW
1938
1:10,560

### Historical Map - Slice A



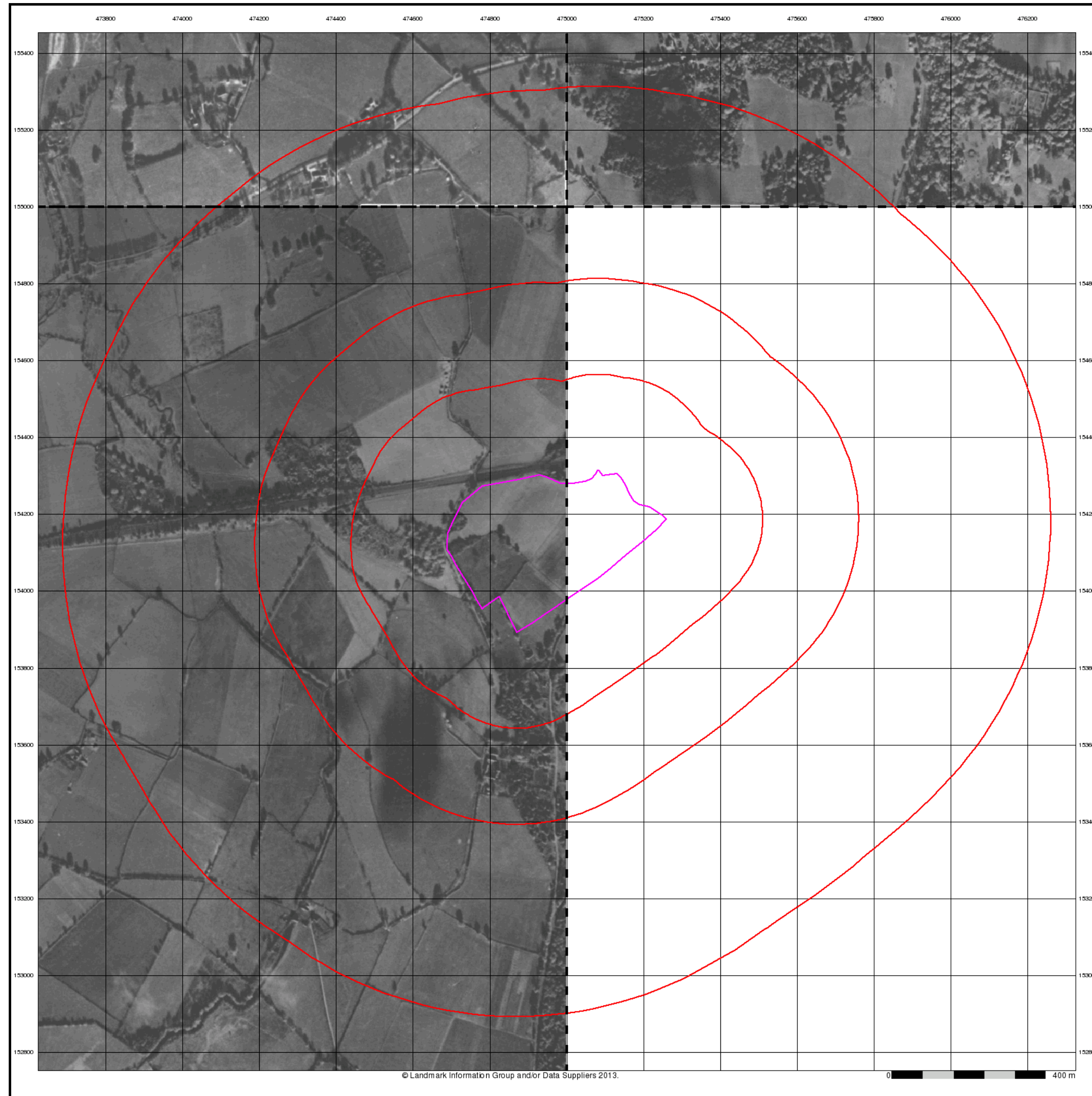
### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX





**Historical Aerial Photography**

**Published 1947**

**Source map scale - 1:10,560**

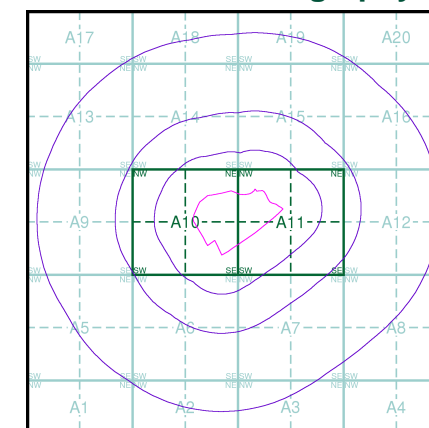
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

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**Map Name(s) and Date(s)**

SU75NW 1947 1:10,560	SU75NE 1947 1:10,560
SU75SW 1947 1:10,560	

**Historical Aerial Photography - Slice A**



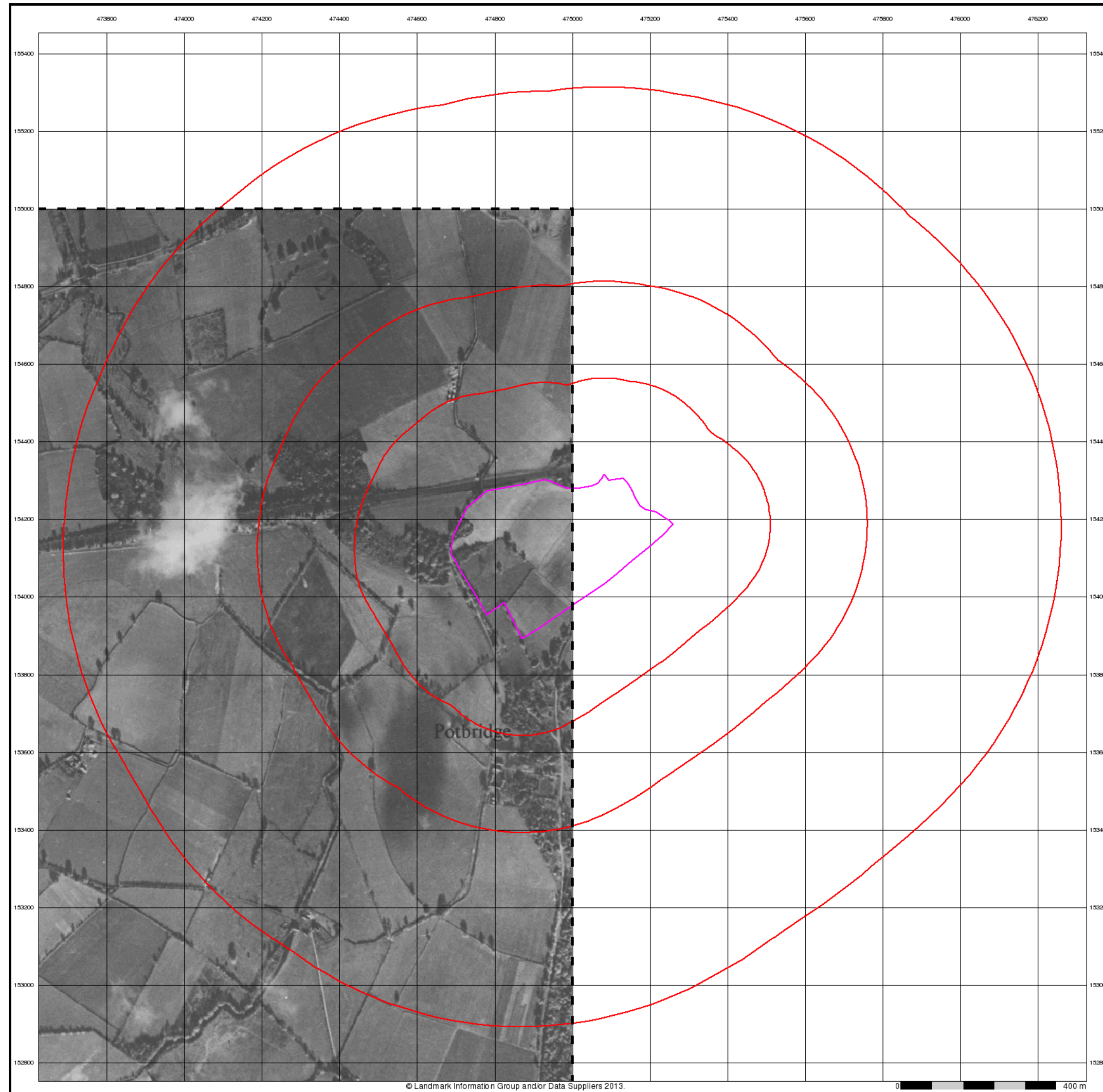
**Order Details**

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

**Site Details**

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX





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0 400 m

## Historical Aerial Photography

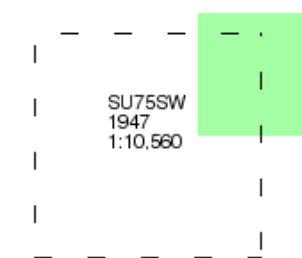
**Published 1947**

**Source map scale - 1:10,560**

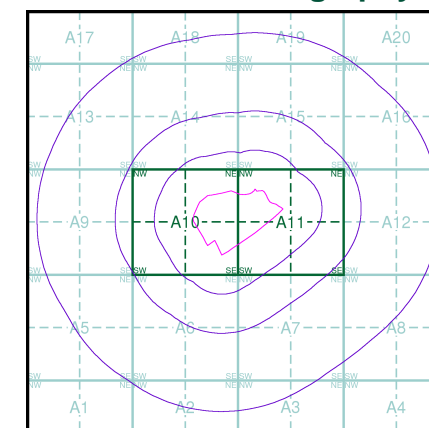
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

© Landmark Information Group and/or Data Suppliers 2010.

### Map Name(s) and Date(s)



### Historical Aerial Photography - Slice A



LIBRARY  
HSILIRB

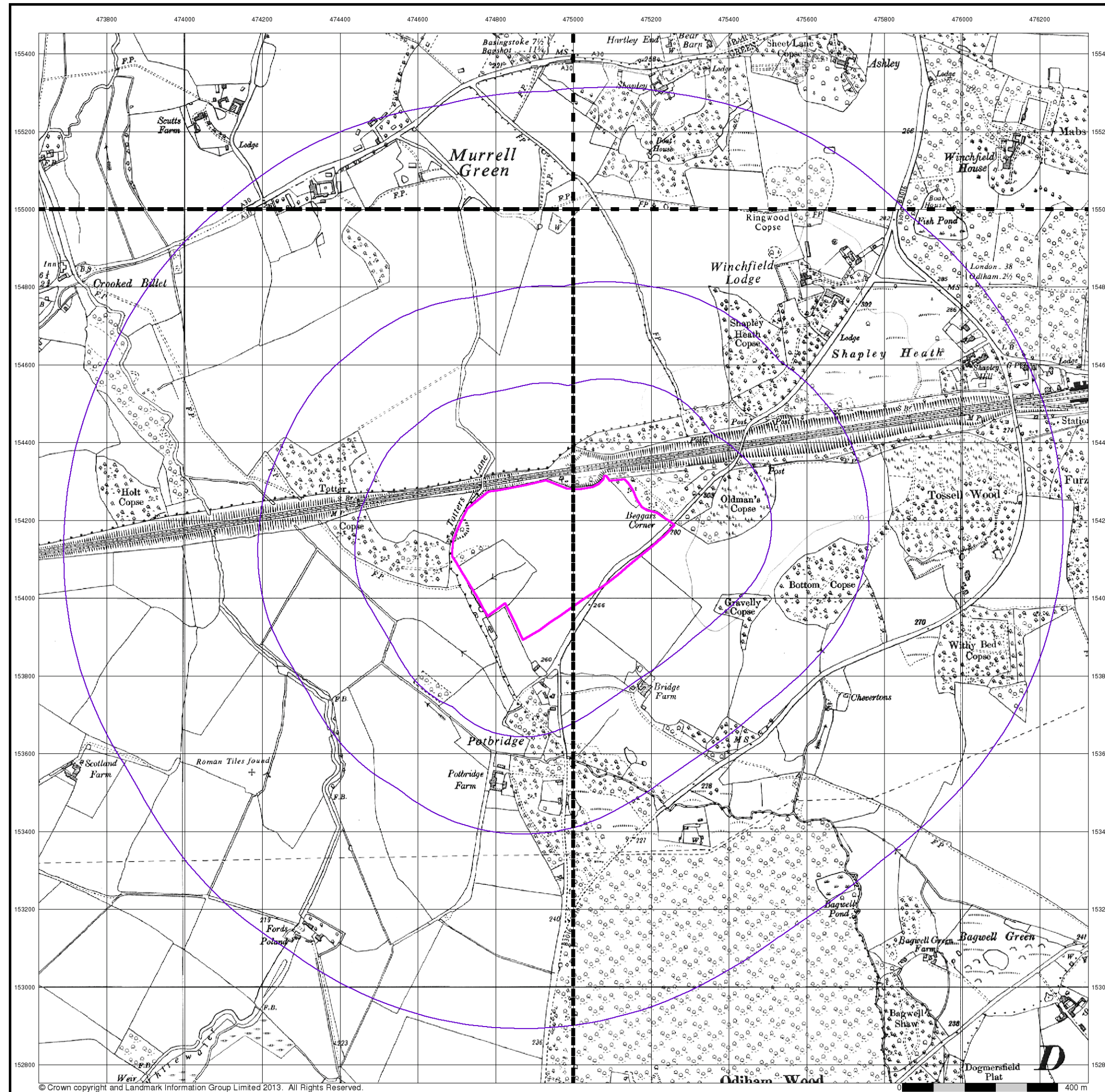
### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX





## Ordnance Survey Plan

Published 1961 - 1962

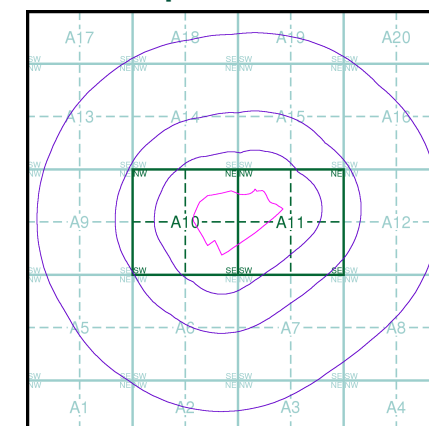
Source map scale - 1:10,000

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

### Map Name(s) and Date(s)

SU75NW	SU75NE
1961	1962
1:10,560	1:10,560
SU75SW	SU75SE
1961	1961
1:10,560	1:10,560

### Historical Map - Slice A



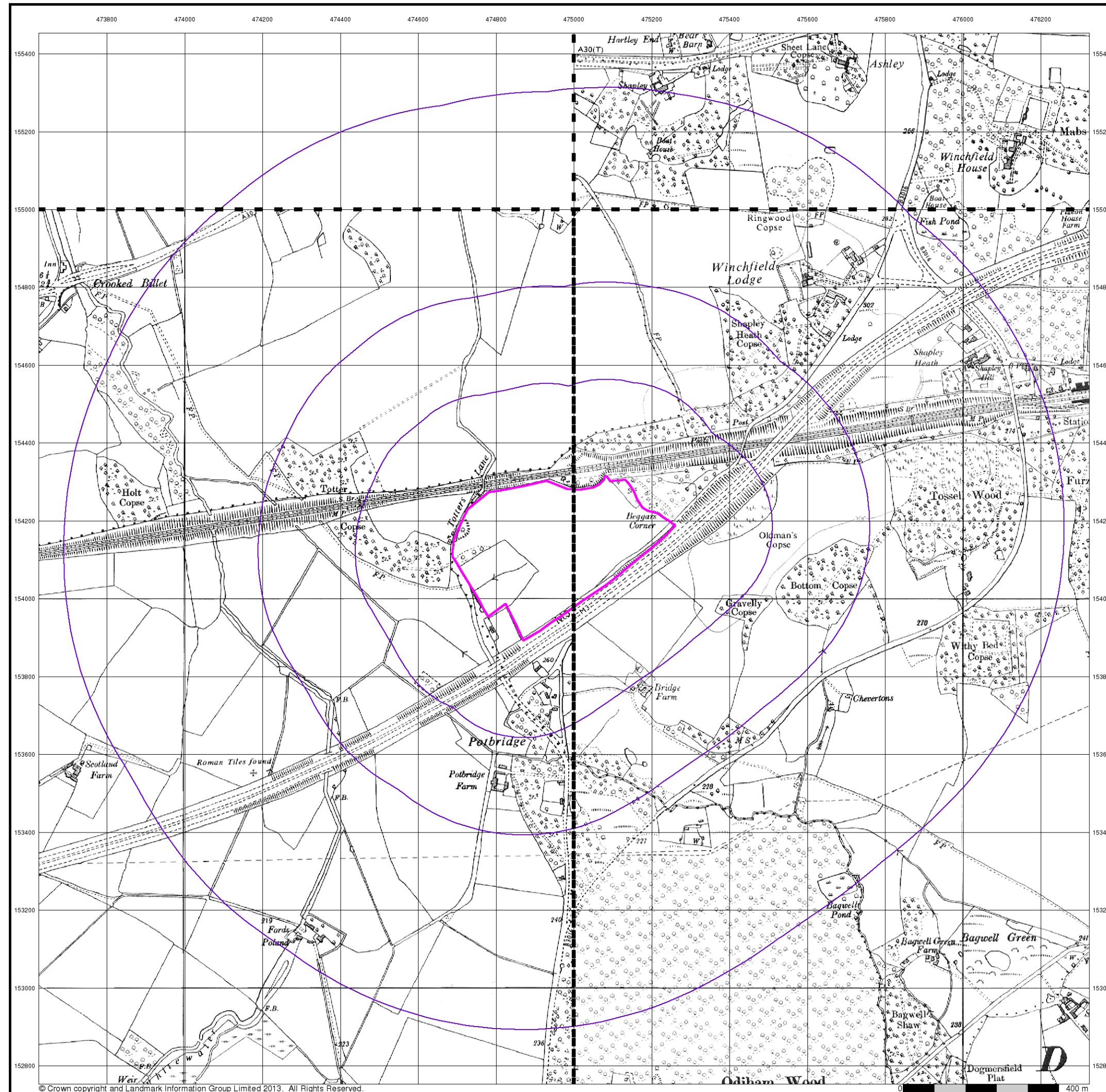
### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX





## Ordnance Survey Plan

Published 1972 - 1973

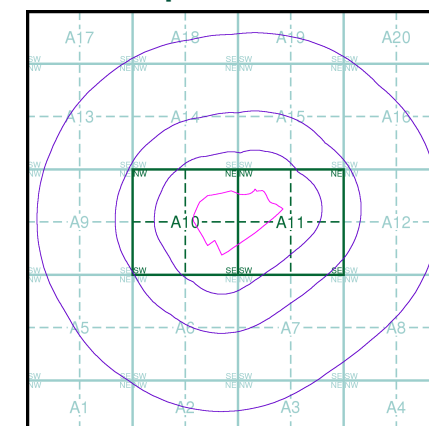
Source map scale - 1:10,000

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

## Map Name(s) and Date(s)

SU75NE	1973	1:10,560
SU75SW	1972	1:10,560
SU75SE	1972	1:10,560

## Historical Map - Slice A



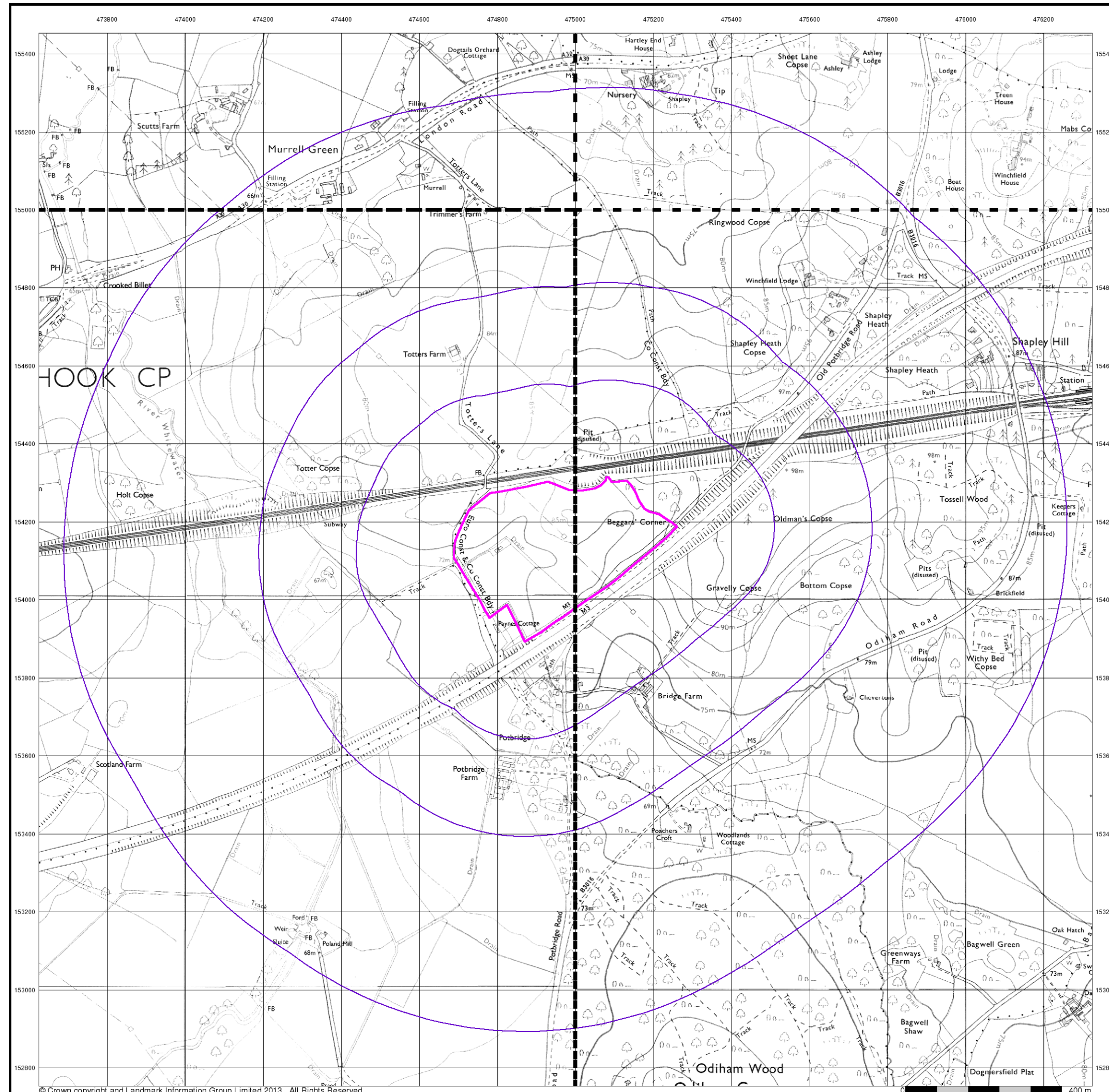
## Order Details

Order Number: 51067617\_1\_1  
 Customer Ref: 61997R1  
 National Grid Reference: 474960, 154130  
 Slice: A  
 Site Area (Ha): 14.27  
 Search Buffer (m): 1000

## Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX





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## Ordnance Survey Plan

Published 1983 - 1985

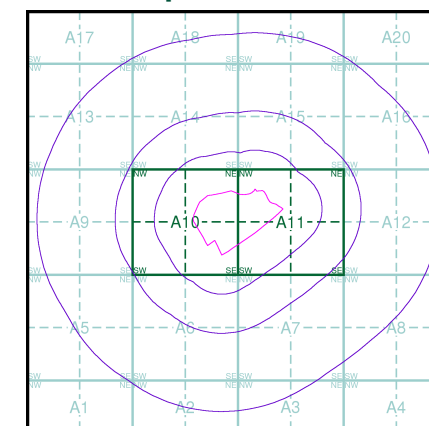
Source map scale - 1:10,000

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

### Map Name(s) and Date(s)

SU75NW	SU75NE
1983	1984
1:10,000	1:10,000
SU75SW	SU75SE
1985	1984
1:10,000	1:10,000

### Historical Map - Slice A



### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

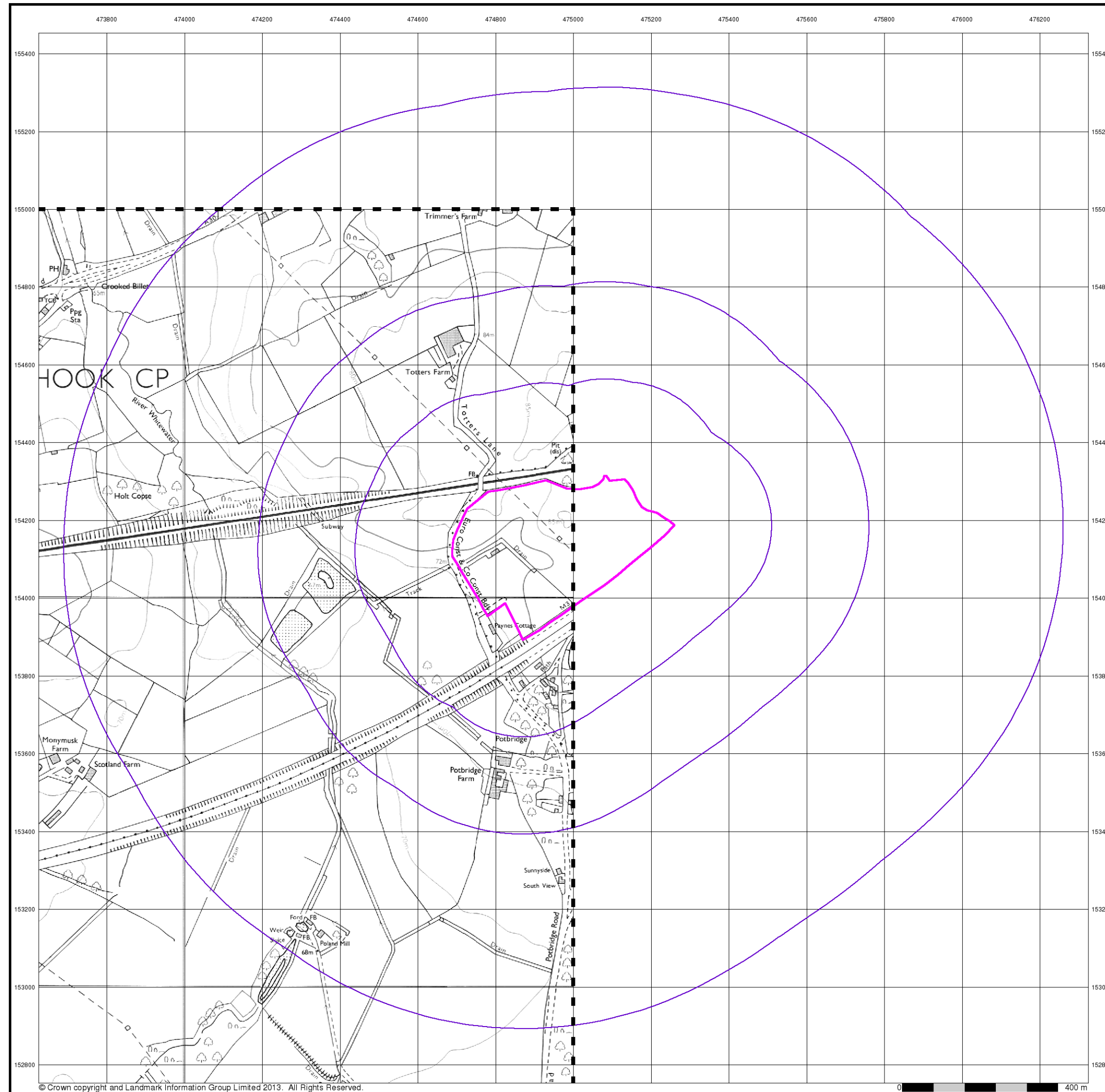
### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX



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





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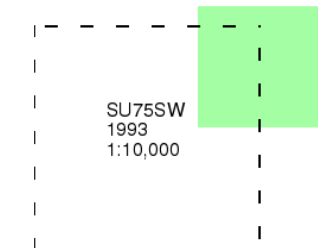
## Ordnance Survey Plan

Published 1993

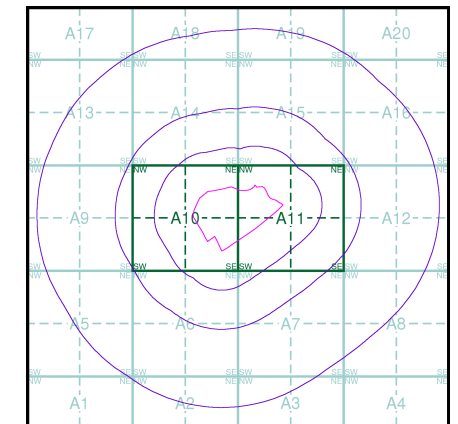
Source map scale - 1:10,000

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

### Map Name(s) and Date(s)



### Historical Map - Slice A



### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

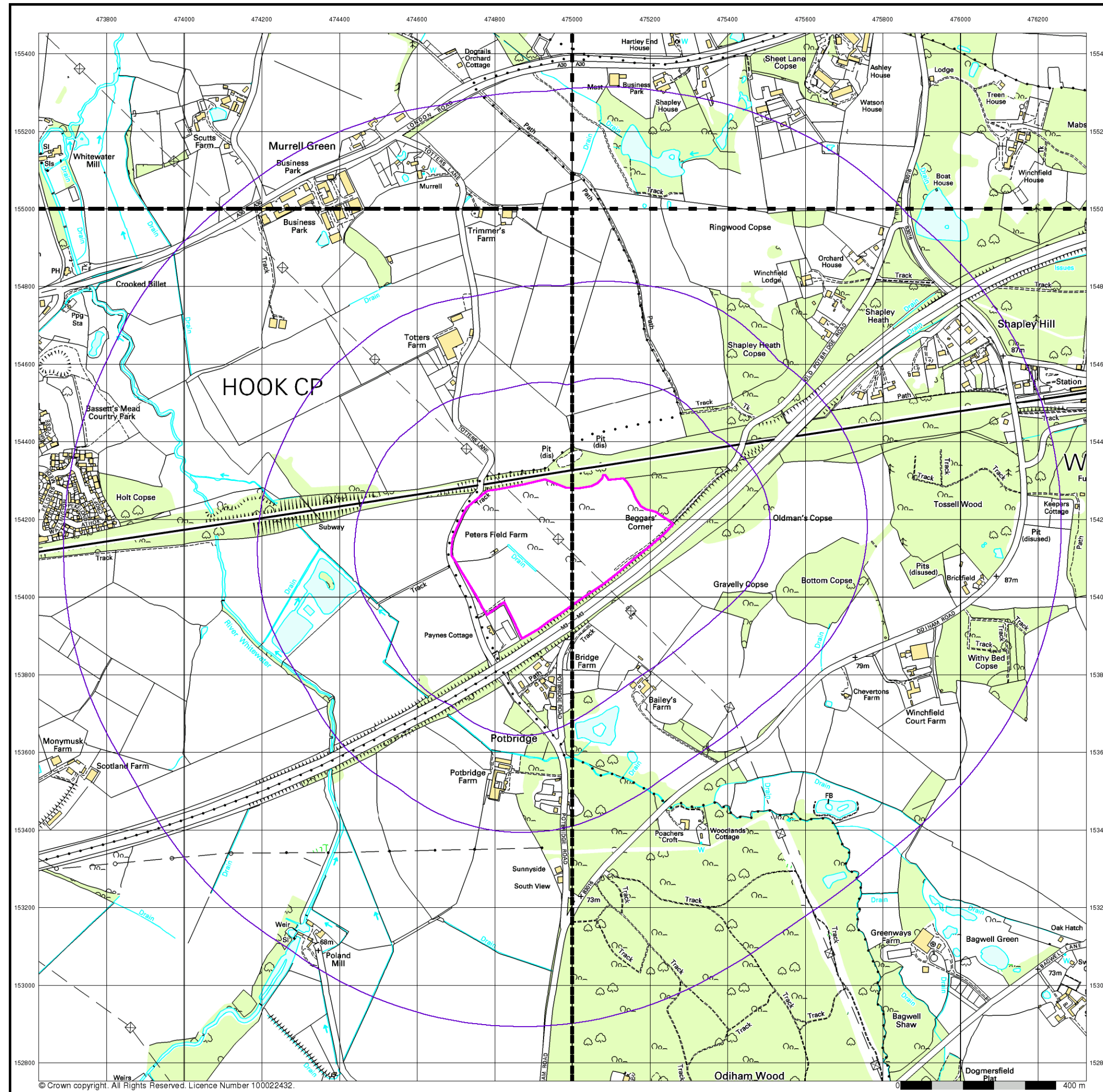
### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX



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





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# 10k Raster Mapping

## Published 2013

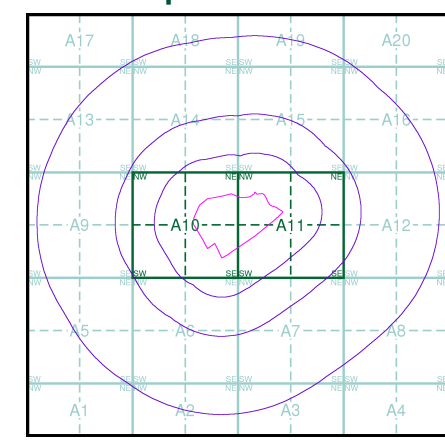
### Source map scale - 1:10,000

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

### Map Name(s) and Date(s)

SU75NW	SU75NE
2013	2013
1:10,000	1:10,000
SU75SW	SU75SE
2013	2013
1:10,000	1:10,000

### Historical Map - Slice A



### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX



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



# Historical Mapping Legends

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



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



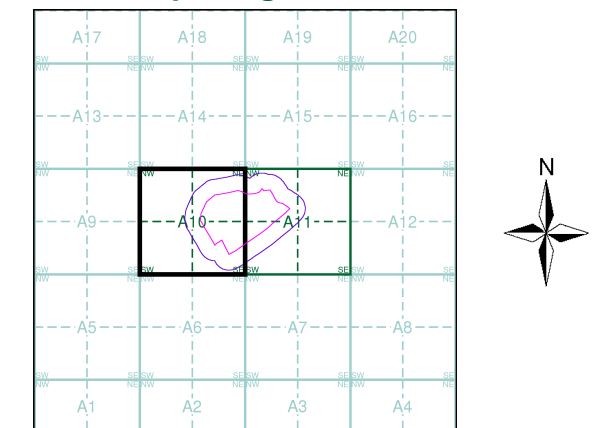
## Large-Scale National Grid Data 1:2,500 and 1:1,250



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:2,500	1873	2
Hampshire & Isle Of Wight	1:2,500	1896	3
Hampshire & Isle Of Wight	1:2,500	1911	4
Hampshire & Isle Of Wight	1:2,500	1932	5
Ordnance Survey Plan	1:2,500	1976 - 1977	6
Additional SIMs	1:2,500	1987 - 1991	7
Large-Scale National Grid Data	1:2,500	1994	8

## Historical Map - Segment A10



## Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 100

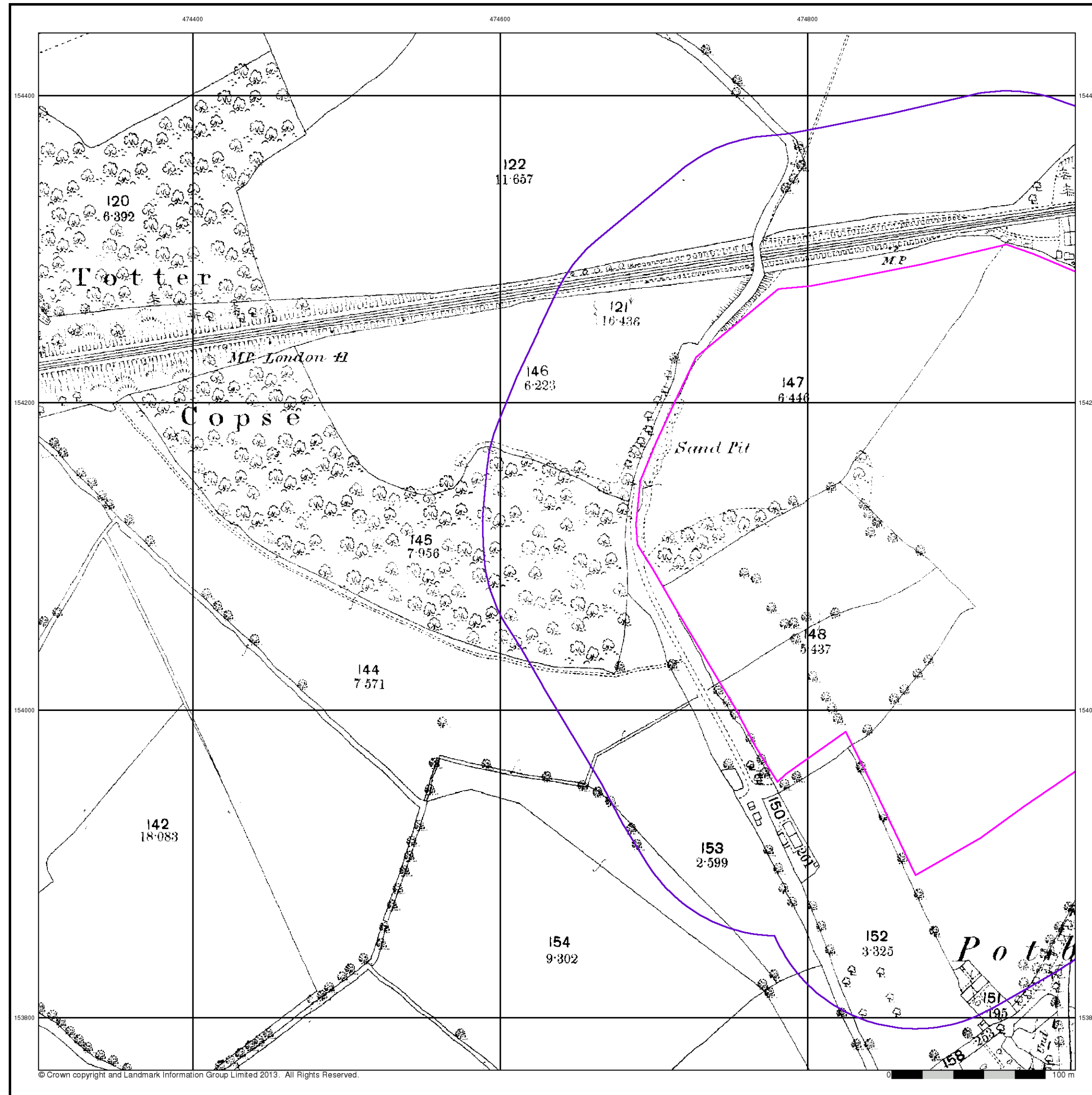
## Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX



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





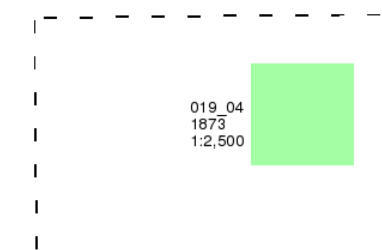
## Hampshire & Isle Of Wight

Published 1873

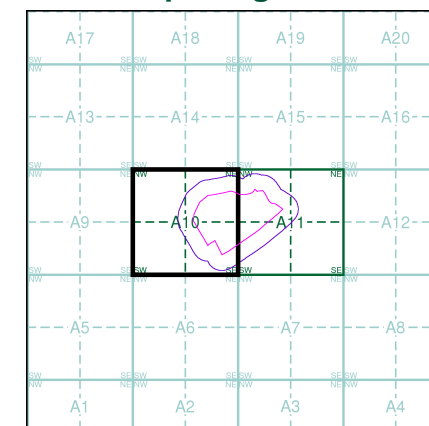
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A10

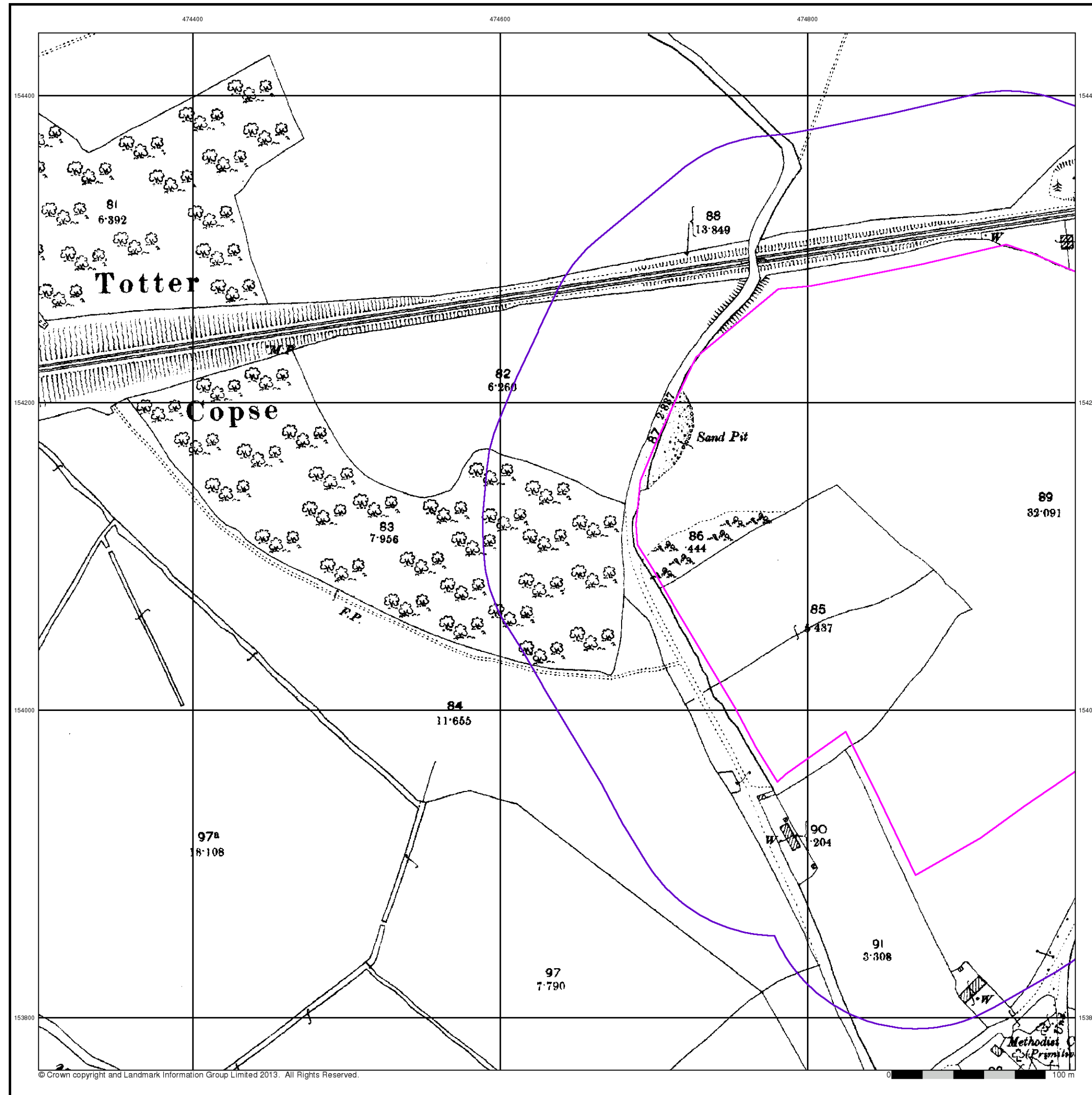


### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 100

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley  
Wintney, HOOK, Hampshire, RG27 8HX



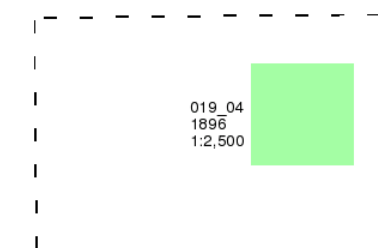
## Hampshire & Isle Of Wight

Published 1896

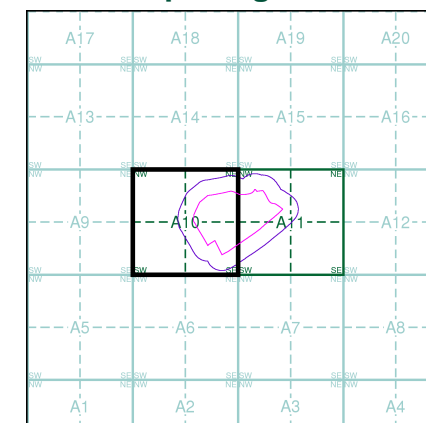
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A10

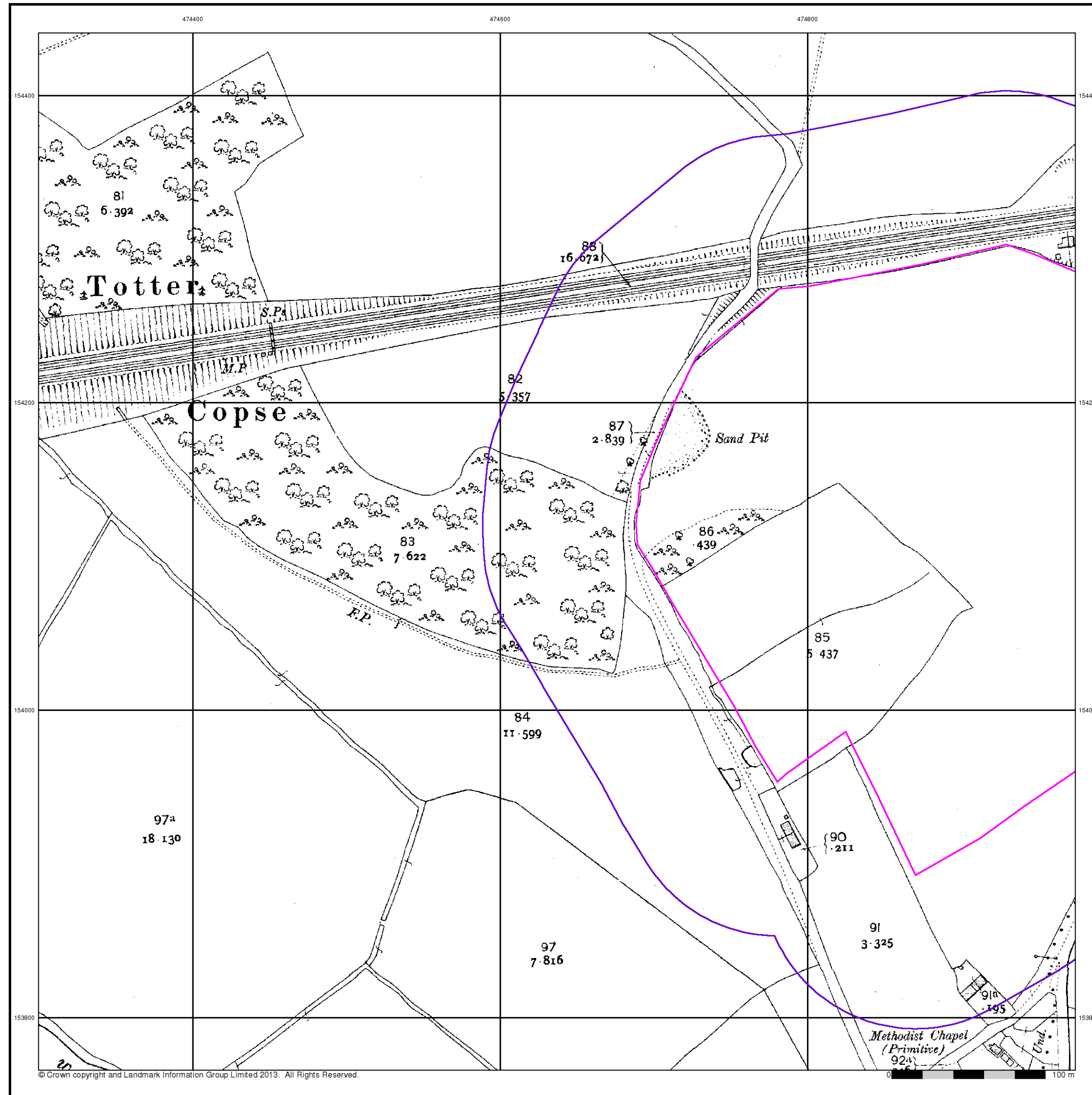


### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 100

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley  
Wintney, HOOK, Hampshire, RG27 8HX



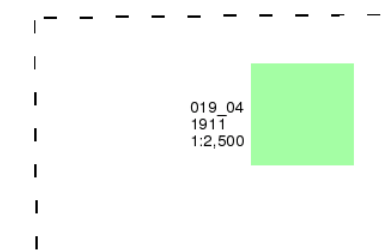
## Hampshire & Isle Of Wight

Published 1911

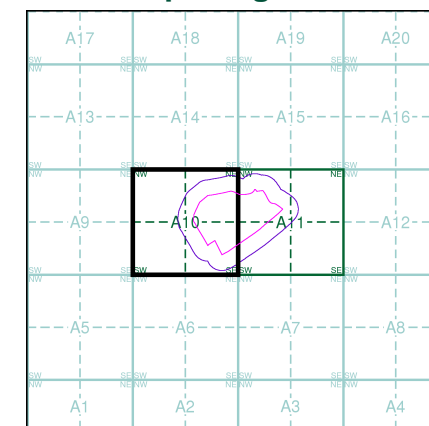
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A10



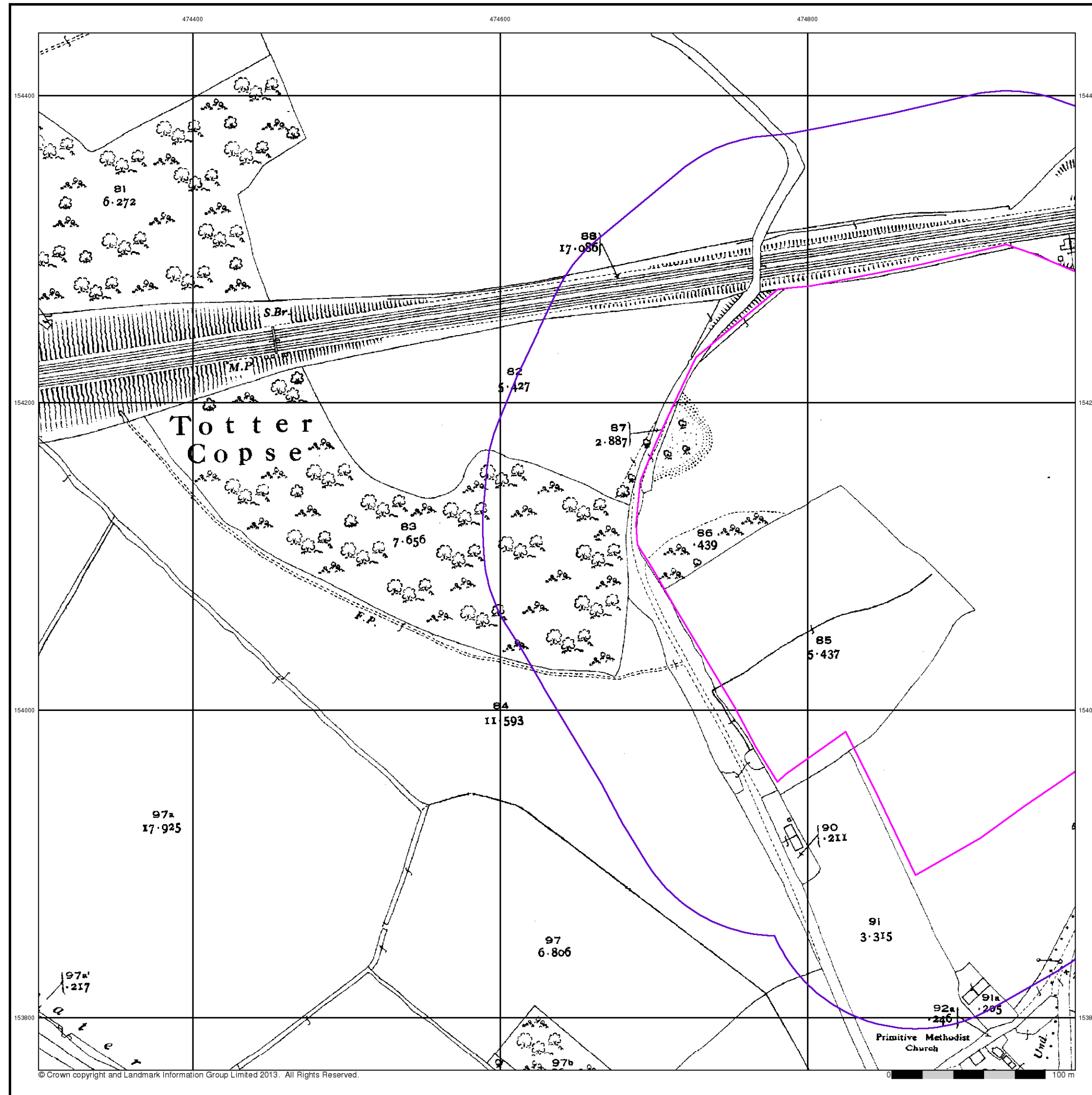
### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 100

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX





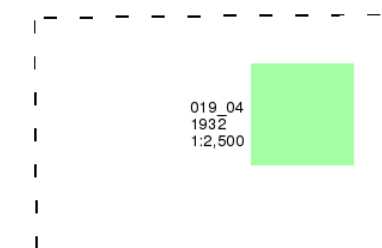
## Hampshire & Isle Of Wight

Published 1932

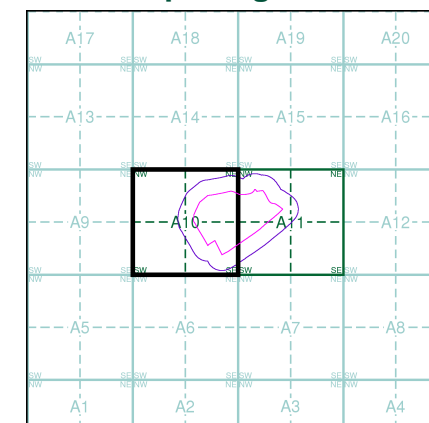
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A10



### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 100

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley  
Wintney, HOOK, Hampshire, RG27 8HX



## Ordnance Survey Plan

Published 1976 - 1977

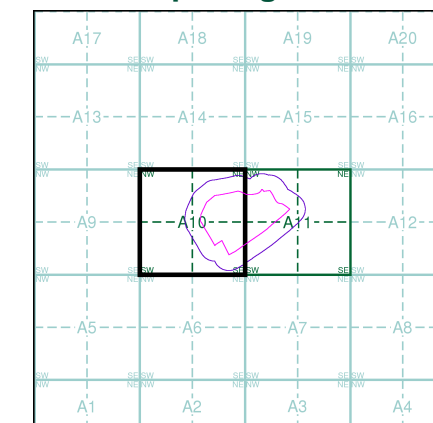
Source map scale - 1:2,500

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

## Map Name(s) and Date(s)

SU7454
1976
1:2,500
SU7453
1977
1:2,500

## Historical Map - Segment A10



## Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 100

## Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX



### Additional SIMs

Published 1987 - 1991

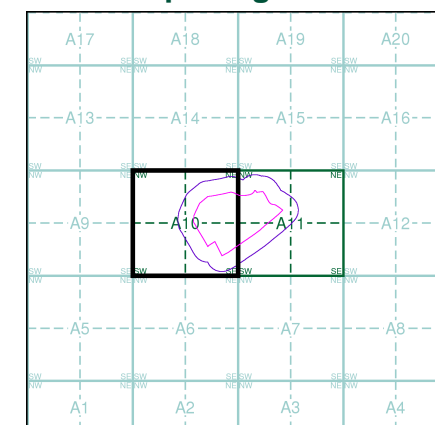
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)

SU7454	1991	1:2,500
SU7453	1987	1:2,500

### Historical Map - Segment A10



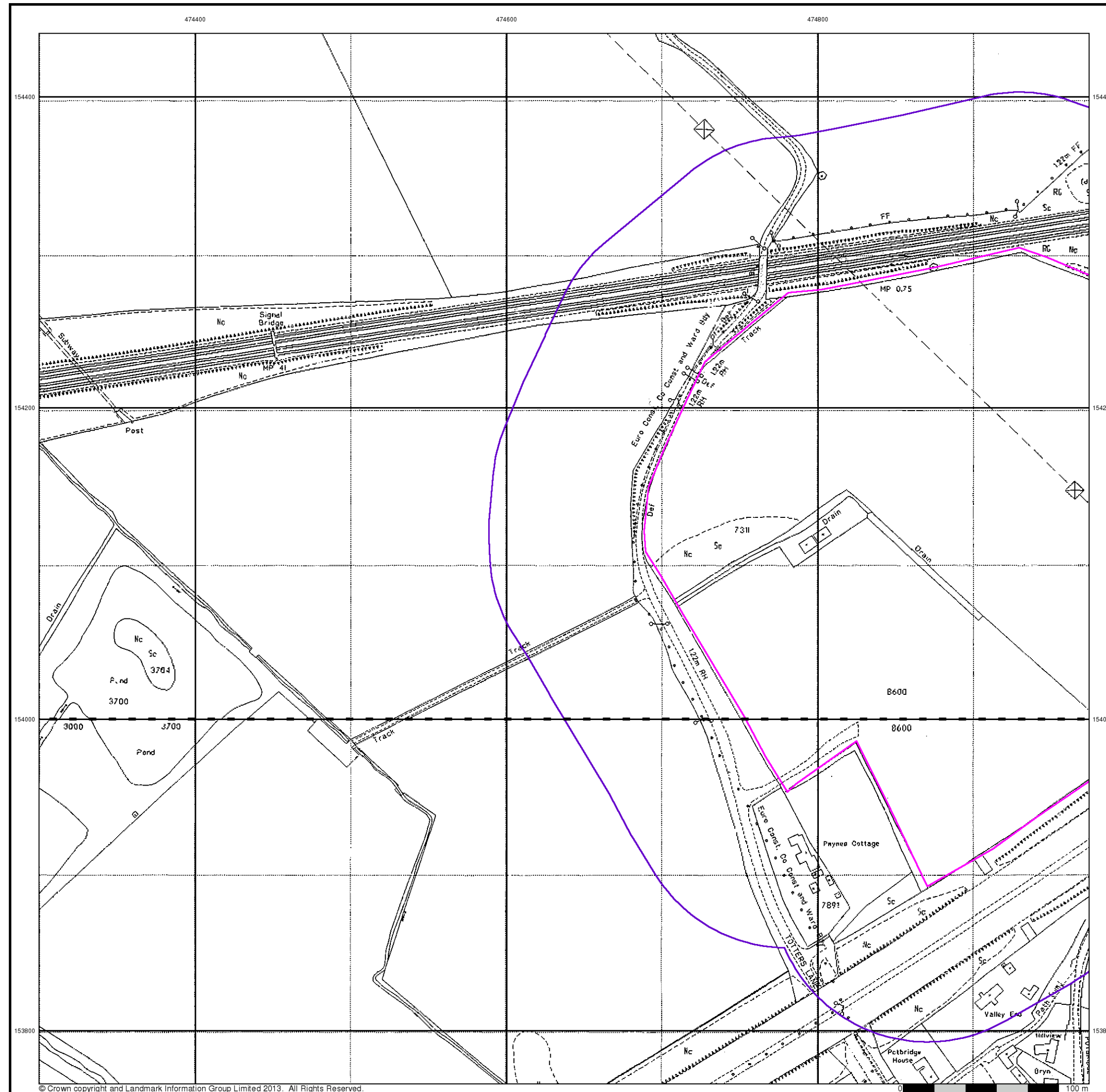
### Order Details

Order Number: 51067617\_1\_1  
 Customer Ref: 61997R1  
 National Grid Reference: 474960, 154130  
 Slice: A  
 Site Area (Ha): 14.27  
 Search Buffer (m): 100

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX





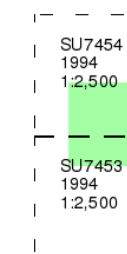
## Large-Scale National Grid Data

Published 1994

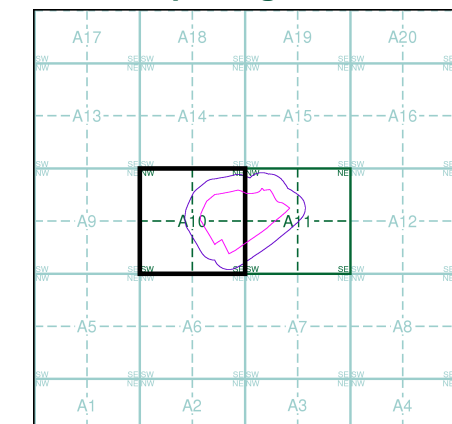
**Source map scale - 1:2,500**

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

### Map Name(s) and Date(s)



## Historical Map - Segment A10



## Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 100

## Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley  
Wintney, HOOK, Hampshire, RG27 8HX



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# Historical Mapping Legends

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



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



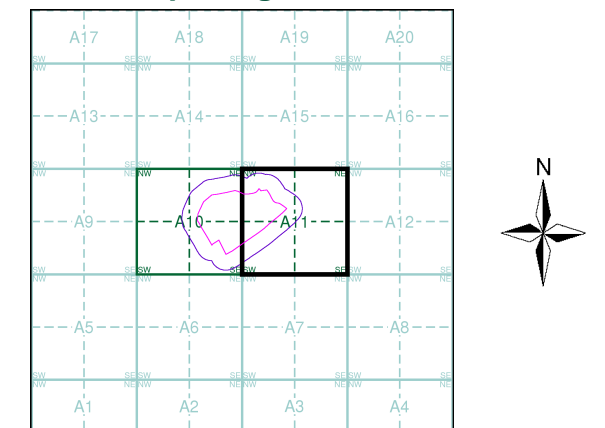
## Large-Scale National Grid Data 1:2,500 and 1:1,250



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:2,500	1871 - 1873	2
Hampshire & Isle Of Wight	1:2,500	1896	3
Hampshire & Isle Of Wight	1:2,500	1911	4
Hampshire & Isle Of Wight	1:2,500	1932	5
Ordnance Survey Plan	1:2,500	1976 - 1977	6
Additional SIMs	1:2,500	1987 - 1991	7
Large-Scale National Grid Data	1:2,500	1994	8

## Historical Map - Segment A11



## Order Details

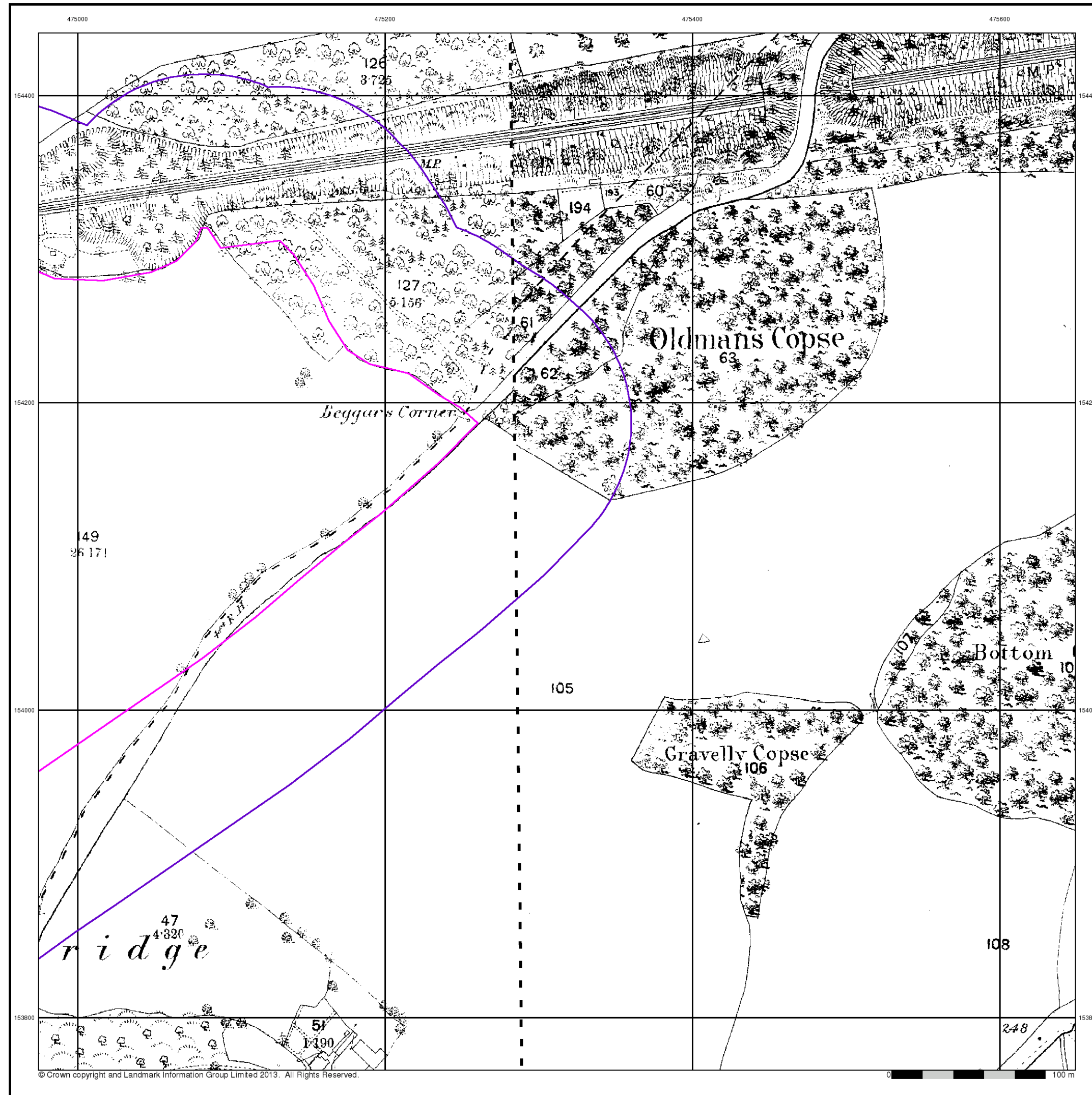
Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 100

## Site Details

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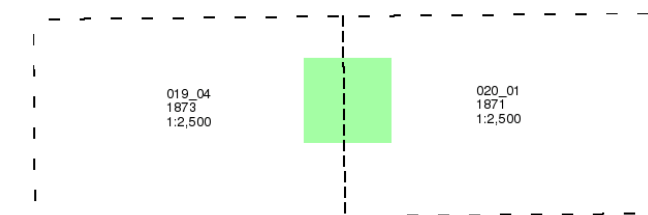
## Hampshire & Isle Of Wight

Published 1871 - 1873

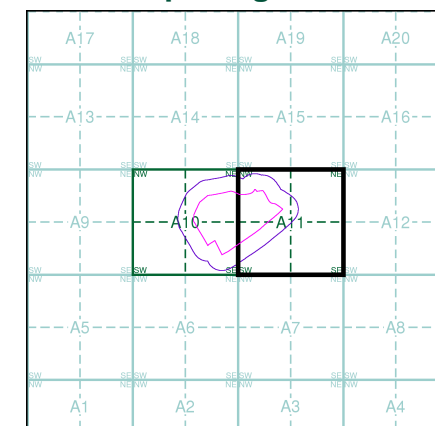
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A11



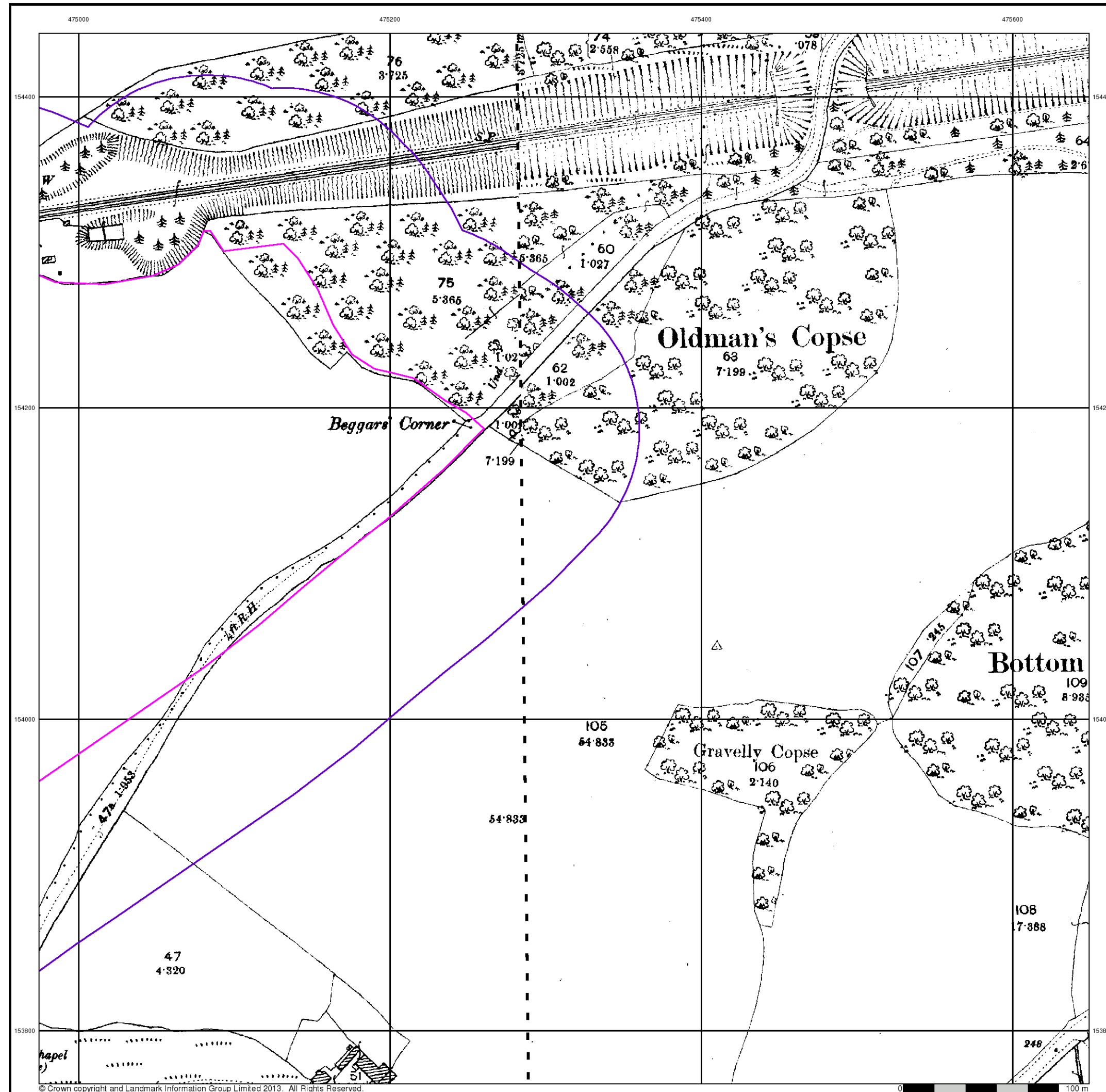
### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 100

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX





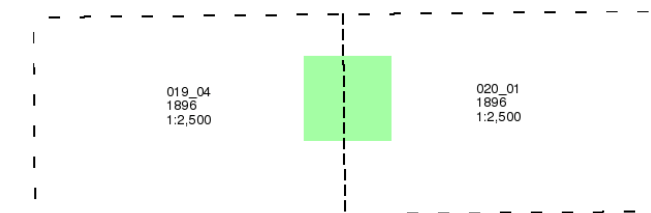
## Hampshire & Isle Of Wight

**Published 1896**

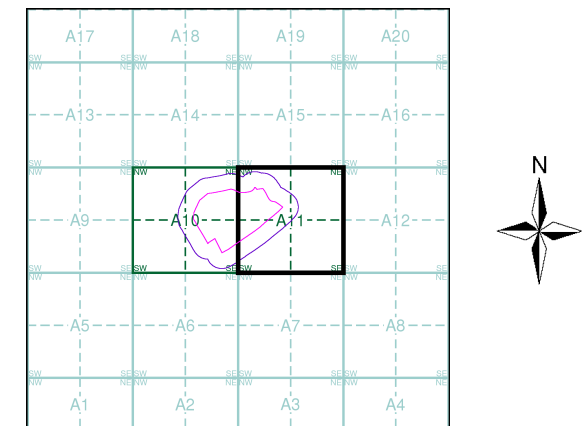
**Source map scale - 1:2,500**

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

## Map Name(s) and Date(s)



## Historical Map - Segment A11



## Order Details

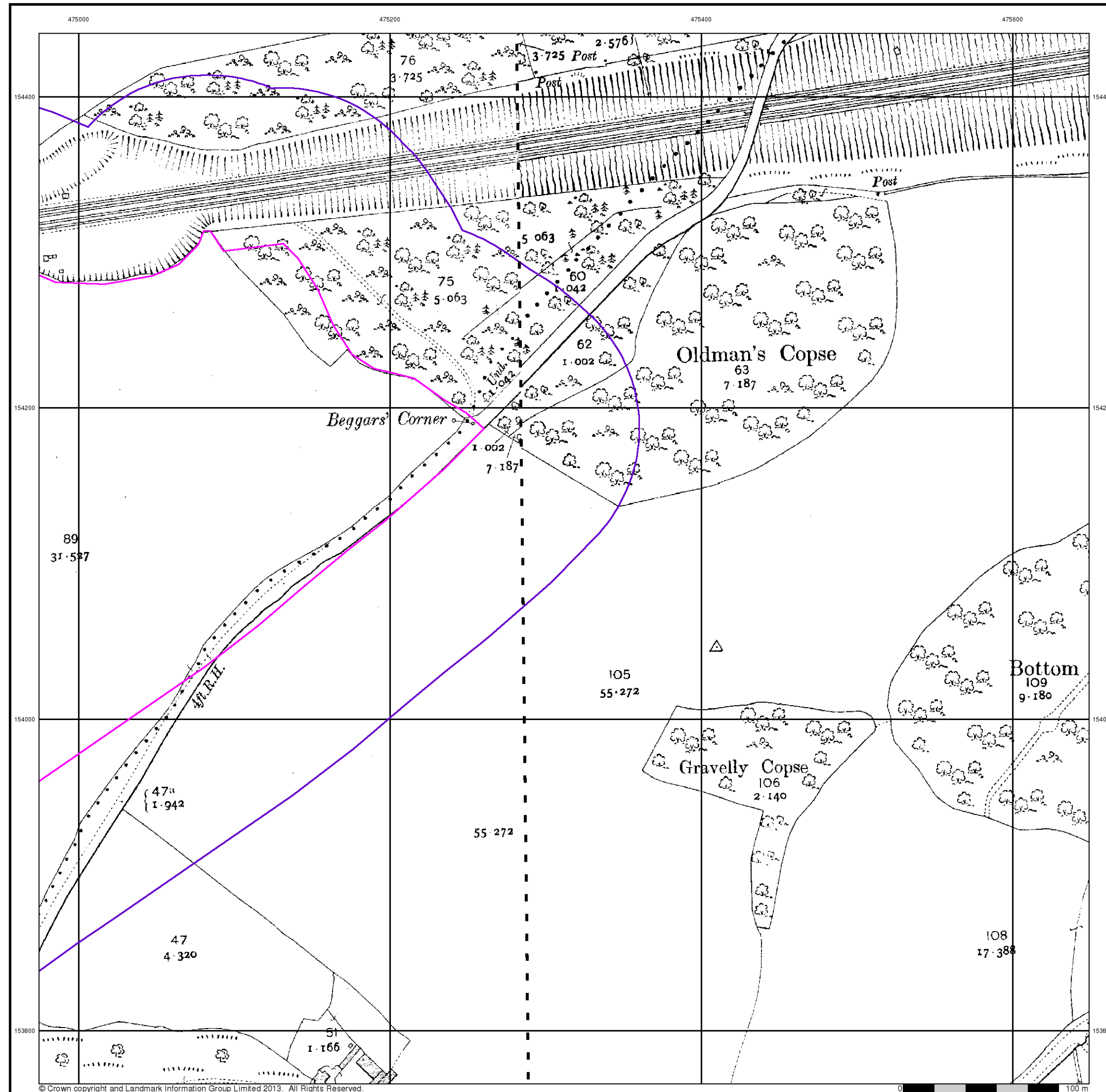
Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 100

## Site Details

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Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



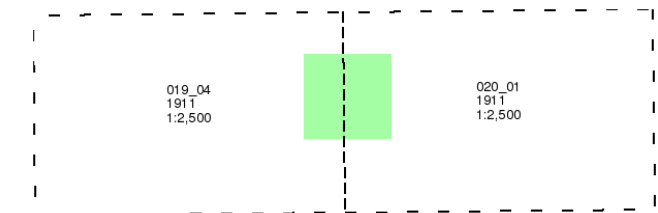
## Hampshire & Isle Of Wight

Published 1911

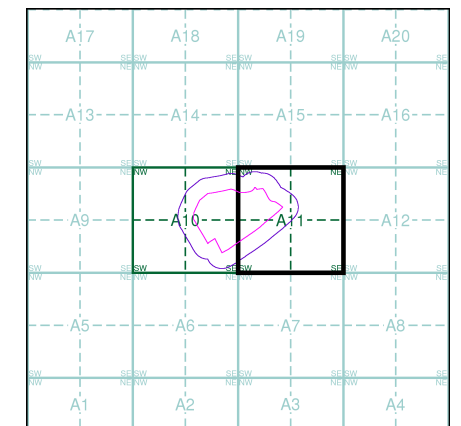
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A11



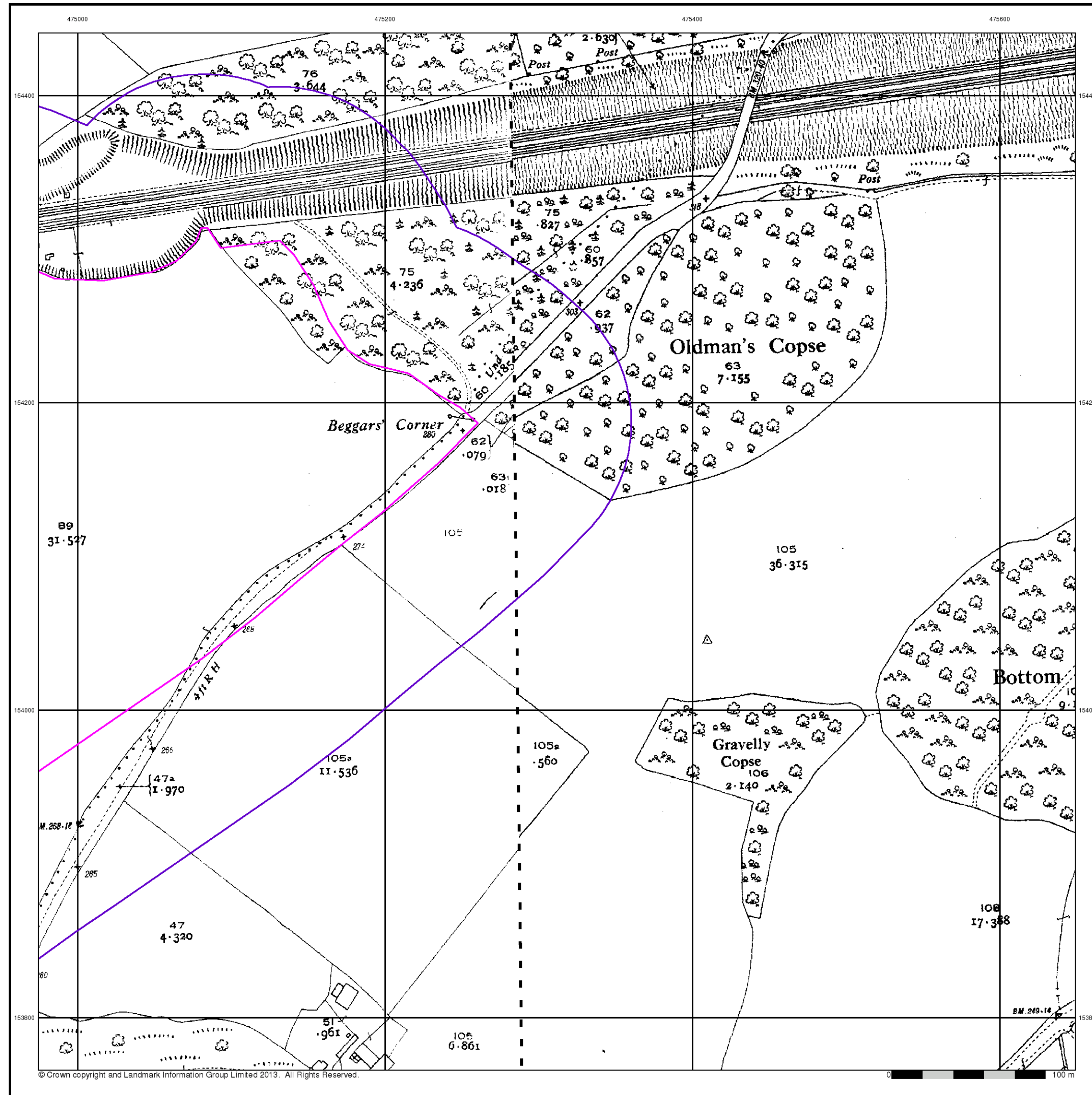
### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 100

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX





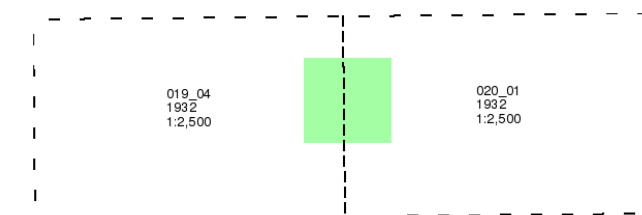
## Hampshire & Isle Of Wight

Published 1932

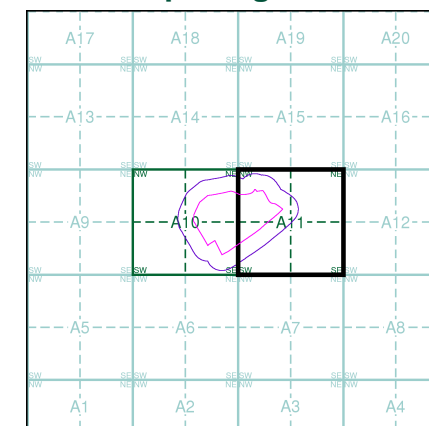
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A11

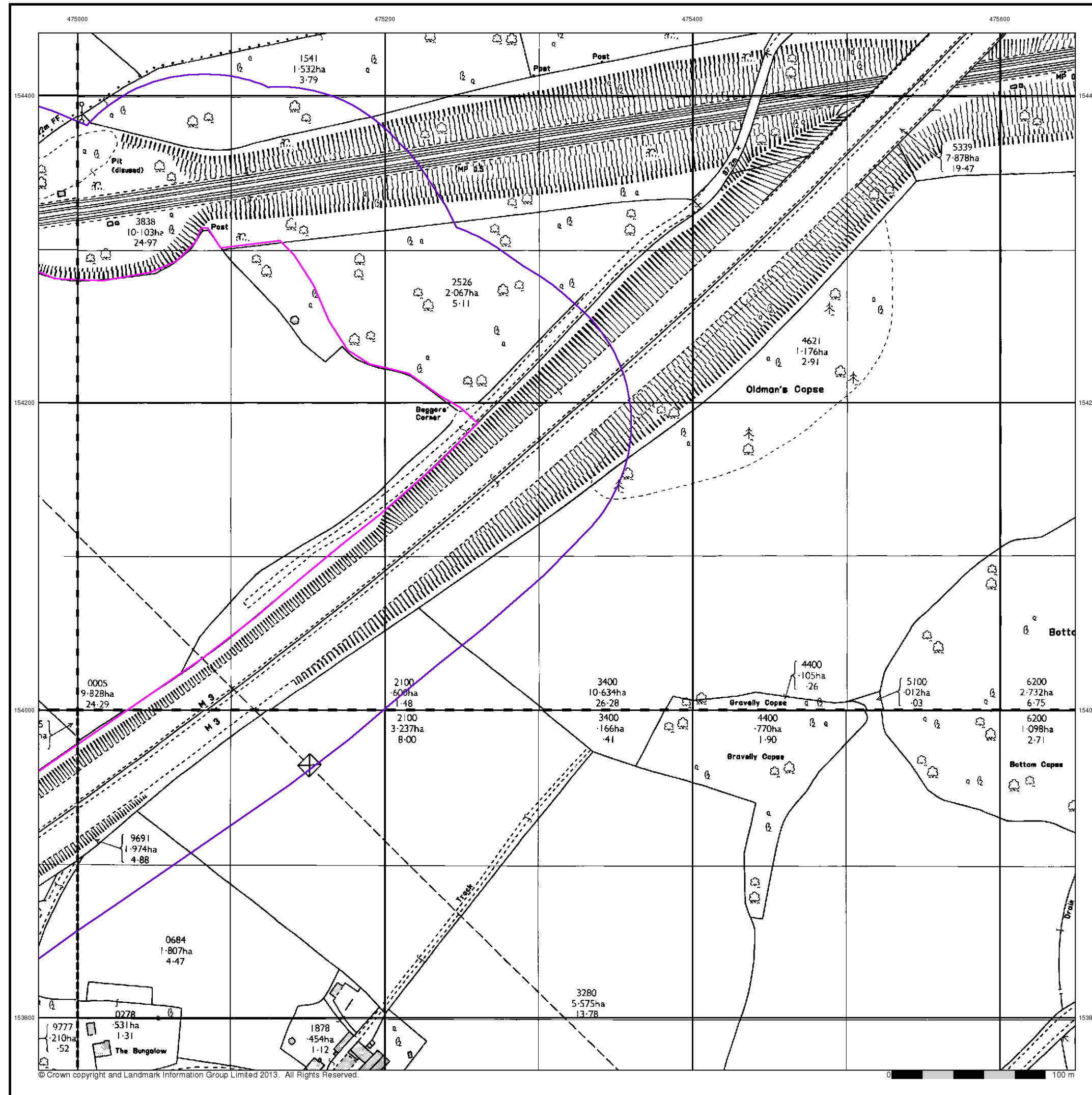


### Order Details

Order Number: 51067617\_1\_1  
 Customer Ref: 61997R1  
 National Grid Reference: 474960, 154130  
 Slice: A  
 Site Area (Ha): 14.27  
 Search Buffer (m): 100

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX



## Ordnance Survey Plan

Published 1976 - 1977

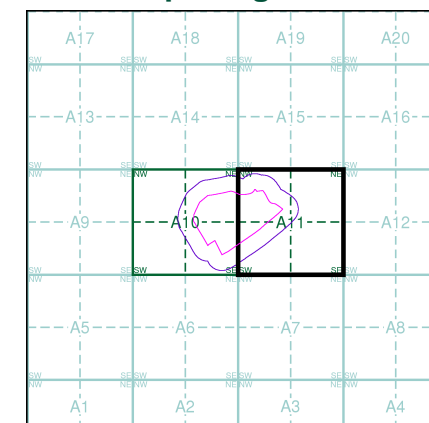
Source map scale - 1:2,500

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

## Map Name(s) and Date(s)

SU7454 1976 1:2,500	SU7554 1976 1:2,500
SU7453 1977 1:2,500	SU7553 1977 1:2,500

## Historical Map - Segment A11

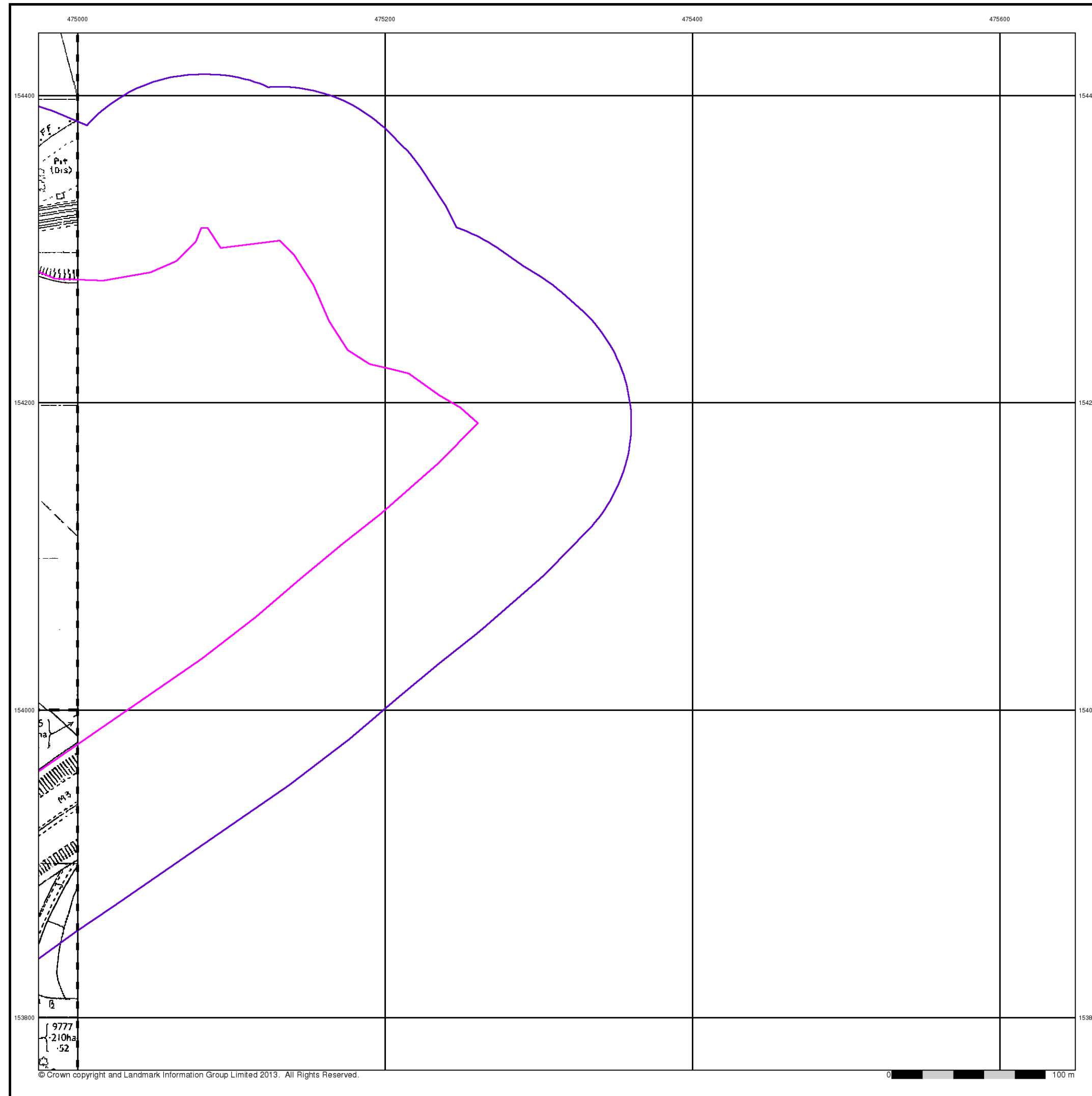


## Order Details

Order Number: 51067617\_1\_1  
 Customer Ref: 61997R1  
 National Grid Reference: 474960, 154130  
 Slice: A  
 Site Area (Ha): 14.27  
 Search Buffer (m): 100

## Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX



### Additional SIMs

**Published 1987 - 1991**

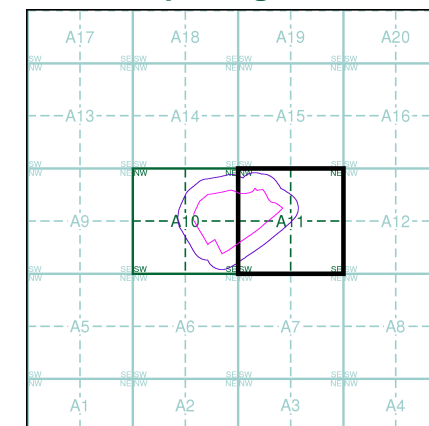
**Source map scale - 1:2,500**

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

### Map Name(s) and Date(s)

SU7454	1991	12,500
SU7453	1987	12,500

### Historical Map - Segment A11



### Order Details

Order Number: 51067617\_1\_1  
Customer Ref: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 100

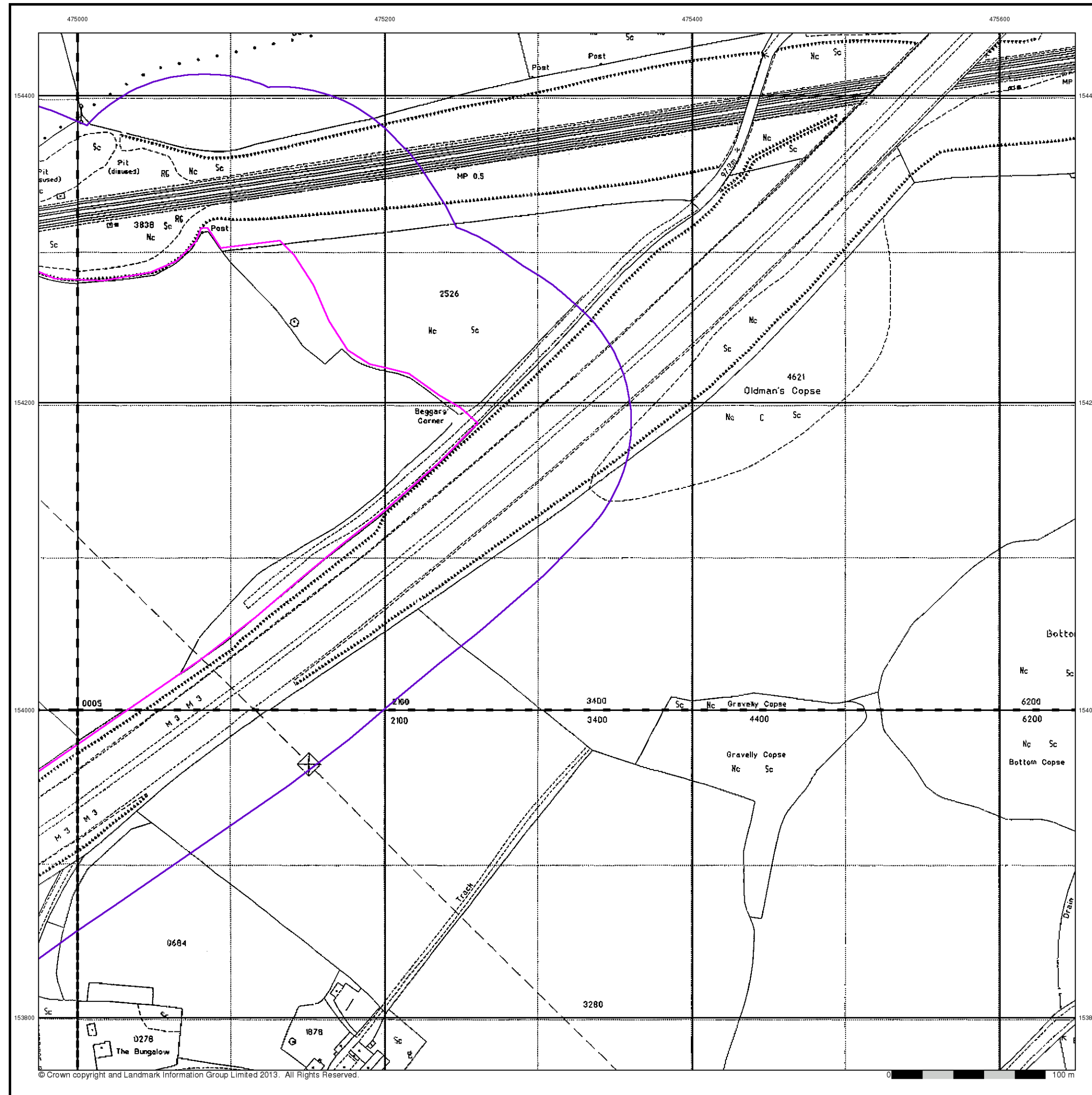
### Site Details

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## Large-Scale National Grid Data

Published 1994

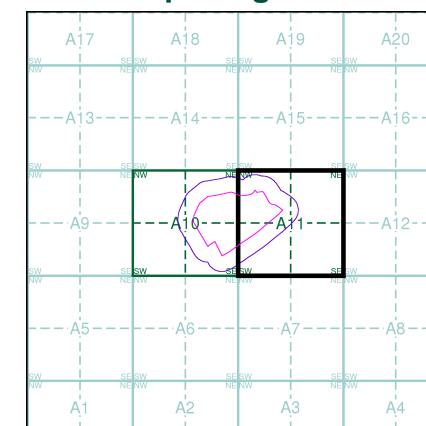
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)

SU7454 1994 12,500	SU7554 1994 12,500
SU7453 1994 12,500	SU7553 1994 12,500

### Historical Map - Segment A11



### Order Details

Order Number: 51067617\_1\_1  
 Customer Ref: 61997R1  
 National Grid Reference: 474960, 154130  
 Slice: A  
 Site Area (Ha): 14.27  
 Search Buffer (m): 100

### Site Details

Land to the South of Trimmers Farm, Totters Lane, Hartley Wintney, HOOK, Hampshire, RG27 8HX




# APPENDIX C




## **Envirocheck Geology**

## Geology 1:50,000 Maps Legends




### Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Present Day - Present Day

### Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	SUHG	Surrey Hill Gravel Member	Sand and Gravel	Pleistocene - Pleistocene
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Quaternary - Quaternary

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WIDS	Windlesham Formation	Sand	Eocene - Eocene
	BGS	Bagshot Formation	Sand	Eocene - Eocene
	LC	London Clay Formation	Clay, Silt and Sand	Eocene - Eocene



### Geology 1:50,000 Maps

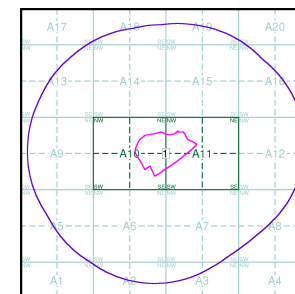
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

### Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	284
Map Name:	Basingstoke
Map Date:	1980
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Available
Landslip:	Not Available
Rock Segments:	Not Available

### Geology 1:50,000 Maps - Slice A



### Order Details:

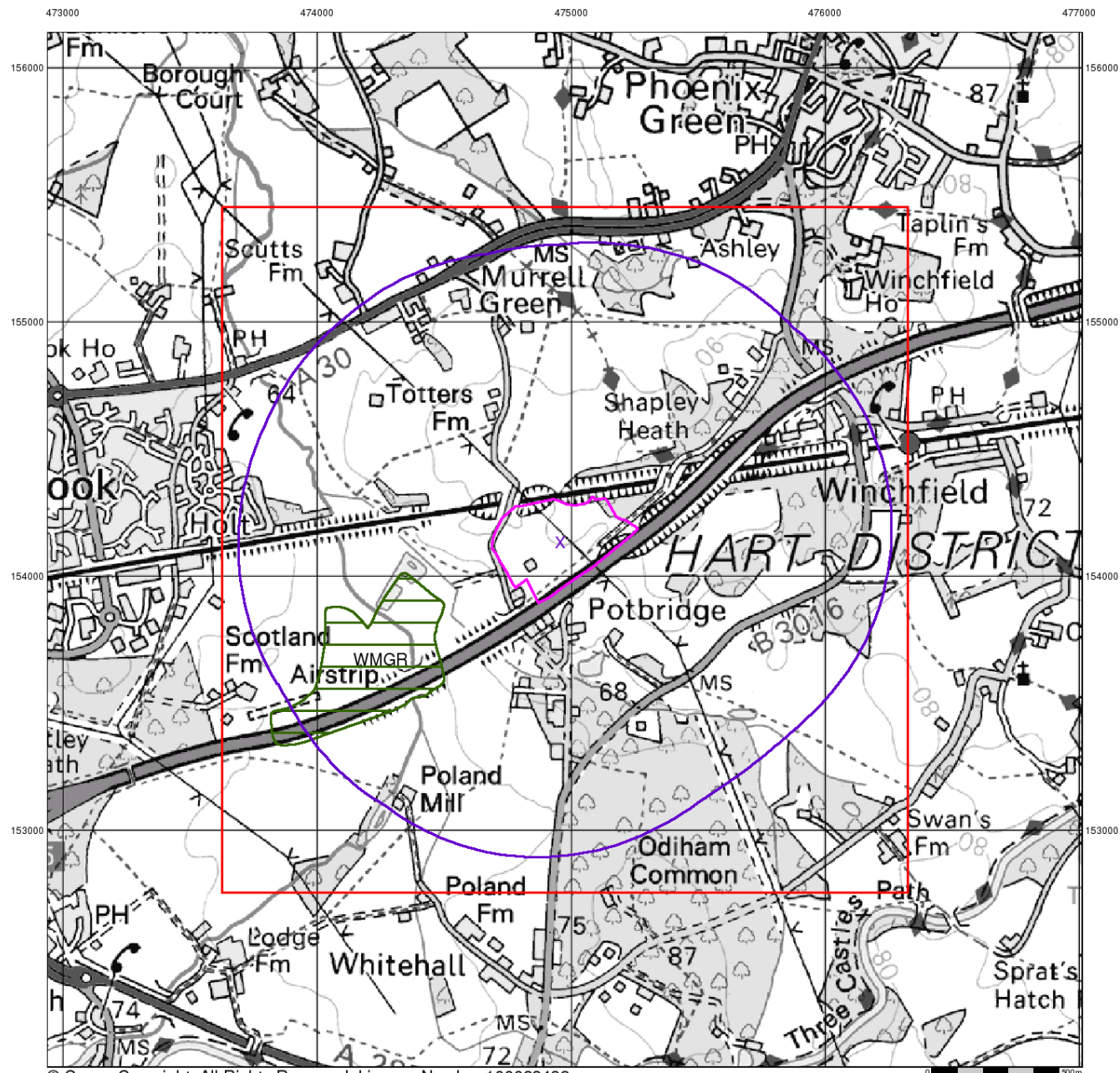
Order Number:	51067617_1_1
Customer Reference:	61997R1
National Grid Reference:	474960, 154130
Slice:	A
Site Area (Ha):	14.27
Search Buffer (m):	1000

### Site Details:

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### Artificial Ground and Landslip

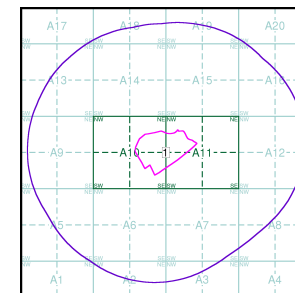
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

### Artificial Ground and Landslip Map - Slice A



### Order Details:

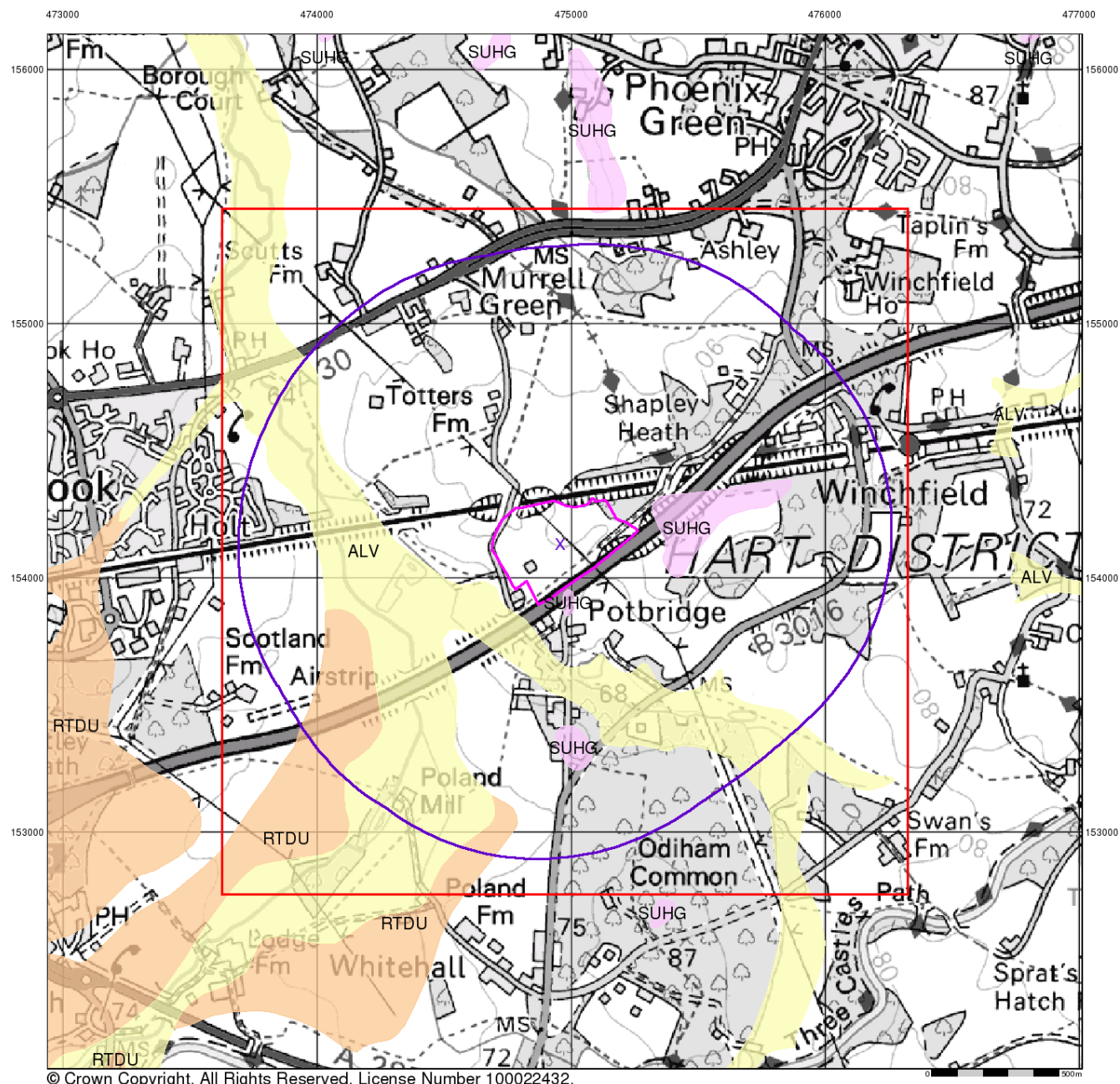
Order Number: 51067617\_1\_1  
 Customer Reference: 61997R1  
 National Grid Reference: 474960, 154130  
 Slice: A  
 Site Area (Ha): 14.27  
 Search Buffer (m): 1000

### Site Details:

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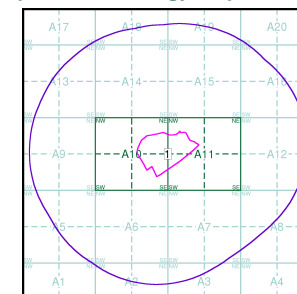
### Superficial Geology

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

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

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

### Superficial Geology Map - Slice A



### Order Details:

Order Number: 51067617\_1\_1  
 Customer Reference: 61997R1  
 National Grid Reference: 474960, 154130  
 Slice: A  
 Site Area (Ha): 14.27  
 Search Buffer (m): 1000

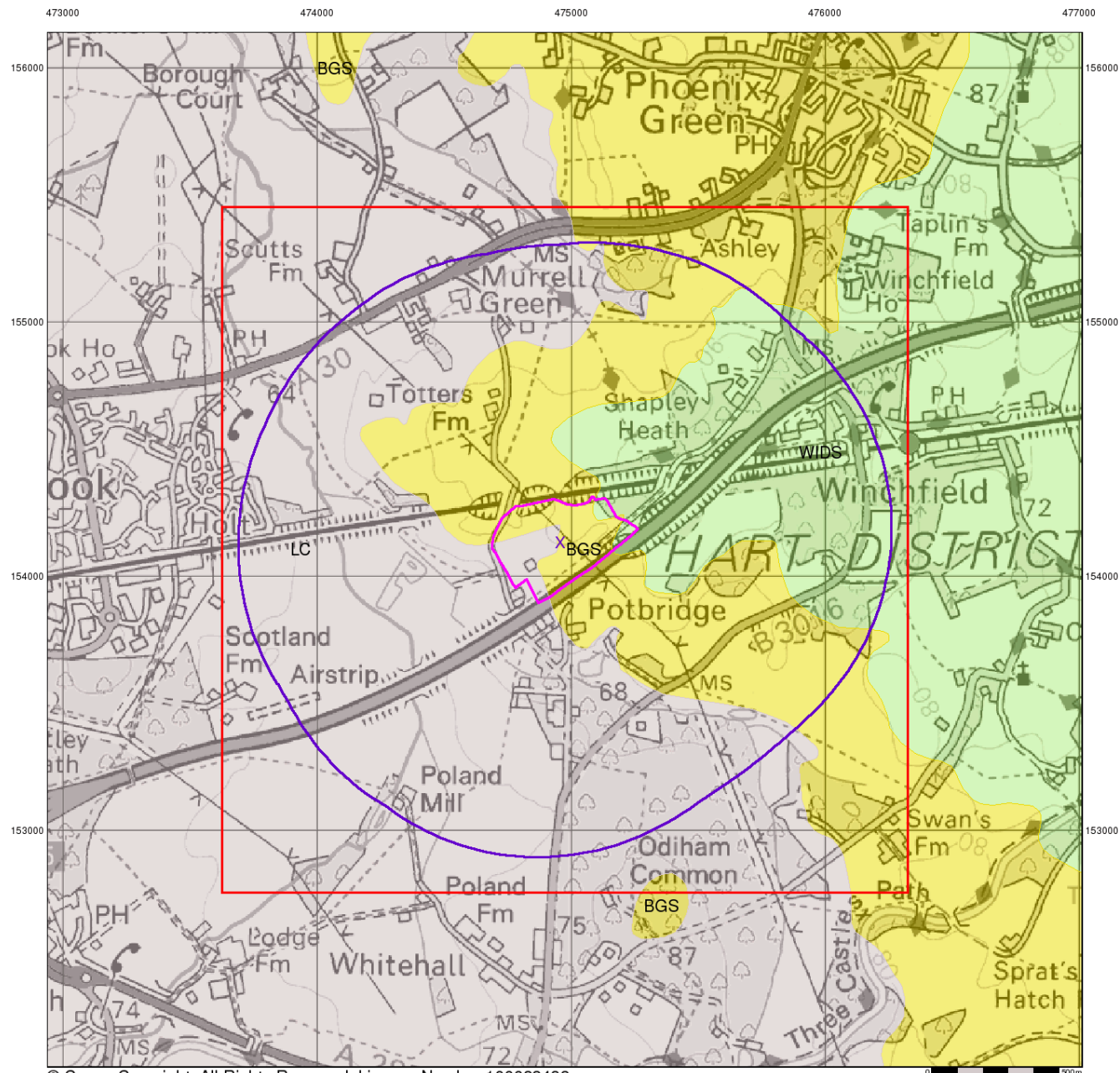
### Site Details:

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### Bedrock and Faults

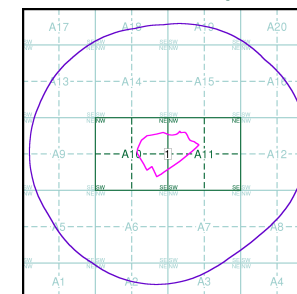
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

### Bedrock and Faults Map - Slice A

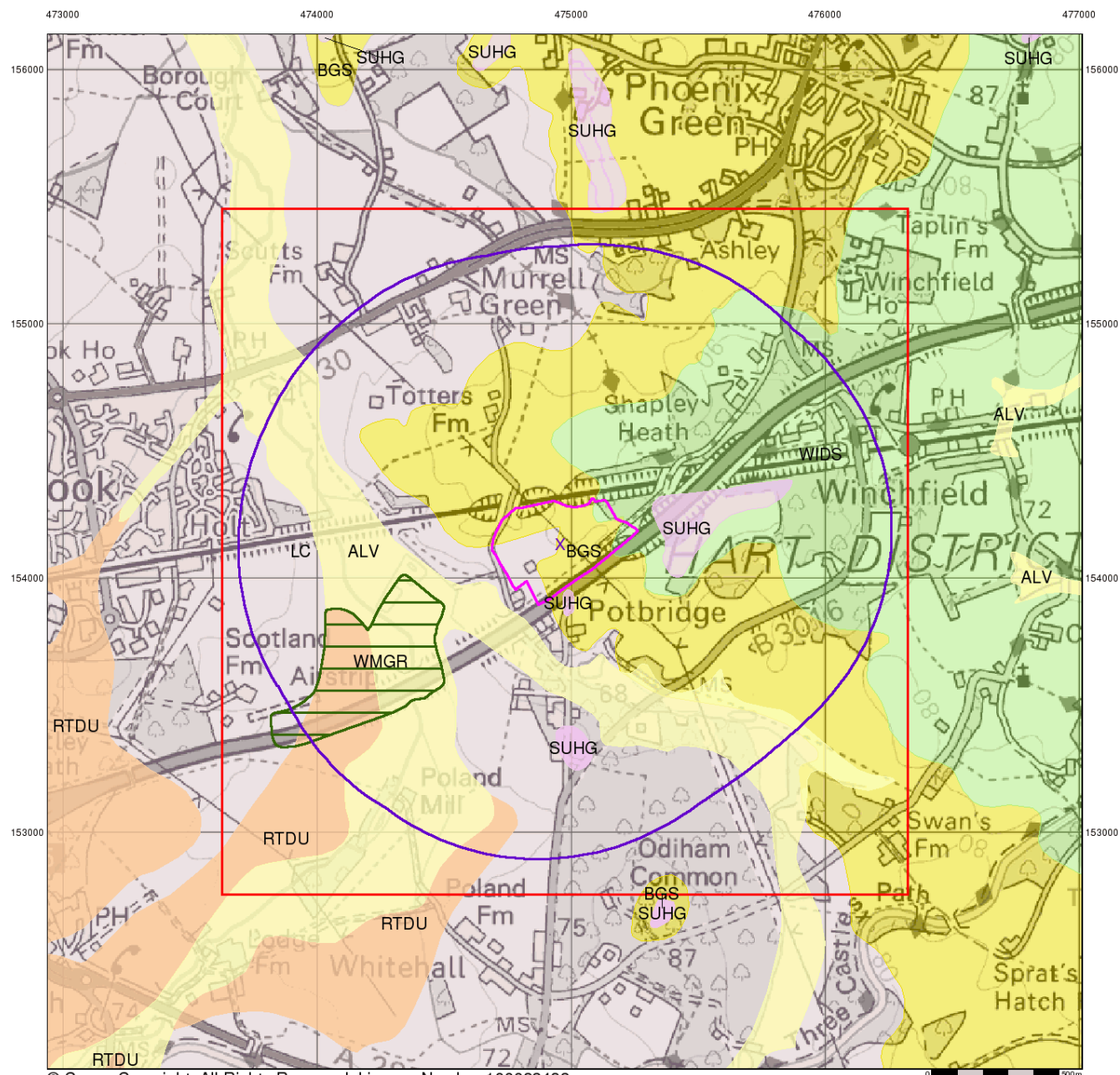


### Order Details:

Order Number: 51067617\_1\_1  
Customer Reference: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

### Site Details:

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### Combined Surface Geology

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

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

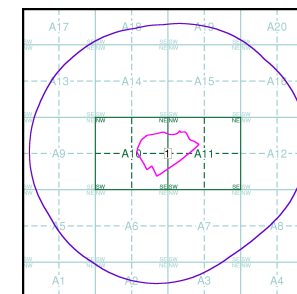
### Additional Information

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

### Contact

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

### Combined Geology Map - Slice A



### Order Details:

Order Number: 51067617\_1\_1  
Customer Reference: 61997R1  
National Grid Reference: 474960, 154130  
Slice: A  
Site Area (Ha): 14.27  
Search Buffer (m): 1000

### Site Details:

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HOOK, Hampshire, RG27 8HX



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Web: www.envirocheck.co.uk

# APPENDIX D

## Site Photographs



Land to the East of Totters Lane, Hook, Hampshire.

**Photo D.1: Site entrance off Totters Lane (309)**





Land to the East of Totters Lane, Hook, Hampshire.

**Photo D.2: View of agricultural buildings in central area of Site (311)**



**Photo D.3: View of agricultural buildings in central area of Site (312)**





Land to the East of Totters Lane, Hook, Hampshire.

**Photo D.4: Water body within central area of Site (313)**



**Photo D.5: Water body within central area of Site (314)**





Land to the East of Totters Lane, Hook, Hampshire.

**Photo D.6: Water body within central area of Site (317)**



**Photo D.7: Water body within central area of Site (356)**





Land to the East of Totters Lane, Hook, Hampshire.

**Photo D.8: Water body and agricultural buildings within central area of Site (361)**



**Photo D.9: Second World War 'pillbox' located at the northern boundary of the Site adjacent to railway line (318)**





Land to the East of Totters Lane, Hook, Hampshire.

**Photo D.10: View of agricultural buildings from northern site boundary (319)**



**Photo D.11: Land to northern boundary of Site (322)**





Land to the East of Totters Lane, Hook, Hampshire.

**Photo D.12: View from northern boundary of Site towards agricultural buildings (323)**



**Photo D.13: Metal material at ground surface (325)**





Land to the East of Totters Lane, Hook, Hampshire.

**Photo D.14: Metal material at ground surface (331)**



**Photo D.15: Undulating ground and oil drum (338)**





Land to the East of Totters Lane, Hook, Hampshire.

**Photo D.16: Concrete and brick rubble (335)**



**Photo D.17: Undulating ground surface in north-eastern area of the Site (333)**





Land to the East of Totters Lane, Hook, Hampshire.

**Photo D.18: Eastern boundary of the Site and Beggars' Corner woodland (340)**



**Photo D.19: View along eastern boundary towards M3 Motorway of the Site with Beggars' Corner woodland to the left (341)**





Land to the East of Totters Lane, Hook, Hampshire.

**Photo D.20: Public footpath/track to the eastern corner of the Site adjacent to M3 Motorway (346)**



**Photo D.21: General view across Site from the east (348)**





Land to the East of Totters Lane, Hook, Hampshire.

**Photo D.22: General view across the Site from the east (353)**



**Photo D.23: General view across the Site from boundary with M3 Motorway (355)**



Land to the East of Totters Lane, Hook, Hampshire.

**Photo D.24: General view across the Site from boundary with M3 Motorway (367)**





# APPENDIX E

## SSSI Citation

File ref:

**County:** Hampshire      **Site Name:** Odiham Common with Bagwell Green and Shaw SSSI

**Status:** Site of Special Scientific Interest (SSSI) notified under Section 28 of the Wildlife and Countryside Act, 1981

**Local Planning Authority:** Hampshire County Council, Hart District Council

**National Grid Reference:** SU 755525

**Ordnance Survey Sheet 1:50,000:** 186      **1:10,000:** SU 75 SE, SW

**Area:** 127.8 (ha) 315.76 (ac)

**Date Notified (Under 1949 Act):** –

**Date of Last Revision:** –

**Date Notified (Under 1981 Act):** 7 February 1992

**Date of Last Revision:** –

**Other Information:**

**Reasons for Notification:**

Odiham Common with Bagwell Green and Shaw Site of Special Scientific Interest comprises an extensive area of wood pasture, meadows and common land at the junction of the London Clay, Plateau Gravel and Lower Bagshot Beds on the edge of the Thames Basin. The core of the site is Odiham Common, an extensive wood pasture, formerly grazed by cattle and horses. Originally used as a hunting ground by Edward the Confessor, the Common was managed as oak standards with hazel underwood. However, by the beginning of the twentieth century management was neglected and by the late 1950s most of the mature oak standards and pollards had been felled. Today active coppicing and cattle grazing continue over very localised areas.

The majority of the wood consists of oak *Quercus robur* with either hazel *Corylus avellana* or birch *Betula* species as the dominant shrub layer species. The oak/hazel woodland contains abundant holly *Ilex aquifolium* and due to its historic management as wood pasture the ground flora is more typical of acid grassland, being dominated by purple moor-grass *Molinia caerulea* in the wetter areas and bracken *Pteridium aquilinum*, foxglove *Digitalis purpurea* and sheep's sorrel *Rumex acetosella* in the drier areas. Whilst it is botanically species-poor, the presence of dead wood supports at least nine rare flies dependent on this particular habitat including *Criorhina asilica*, *Volucella inflata* and *Xylota tarda*. In contrast the woodland becomes more varied in the south and north-west where ash *Fraxinus excelsior* and field maple *Acer campestre* enter the canopy and at Bagwell Shaw, an oak/hazel/ash woodland adjacent to Odiham Wood. Together they contain 39 ancient woodland indicator species such as woodruff *Galium odoratum*, early-purple orchid *Orchis mascula*, wood sanicle *Sanicula europaea*, wood spurge *Euphorbia amygdaloides*, Solomon's-seal *Polygonatum multiflorum* and the local narrow-buckler fern *Dryopteris carthusiana*.

Habitat diversity is provided by a series of grasslands of varying types reflecting different soil types, drainage and management. Marshy swards dominated by tufted hair-grass *Deschampsia cespitosa*, soft rush *Juncus effusus* and sharp-flowered rush *J. acutiflorus* support tawny sedge

*Carex hostiana*, marsh pennywort *Hydrocotyle vulgaris*, southern marsh orchid *Dactylorhiza praetermissa*, meadow thistle *Cirsium dissectum*, sneezewort *Achillea ptarmica*, bog pimpernel *Anagallis tenella* and water avens *Geum rivale*, which are indicative of unimproved grassland and are fast declining in lowland Britain. Dry acidic heathy grassland overlies the more freely-draining areas and contains heather *Calluna vulgaris* and bell heather *Erica cinerea* and locally, petty whin *Genista anglica*, a rare species in north Hampshire. These dry, sandy grasslands are important for solitary bees and wasps (hymenoptera) of which three nationally rare species have been recorded.

A large shallow pond occurs on Odiham Common, now overgrown but once grazed and poached. It is a characteristic common pond and still supports marsh speedwell *Veronica scutellata* var. *hirsuta* despite its neglected state. In contrast, new, deeper ponds on Bagwell Green contain clear, unpolluted water dominated by charophytes, principally *Chara delicatata* and alternate water-milfoil *Myriophyllum alterniflorum*. The ponds are important for their population of lesser marshwort *Apium inundatum*, a plant now rare in north Hampshire. Here dragonflies are abundant although no rare species have been recorded.

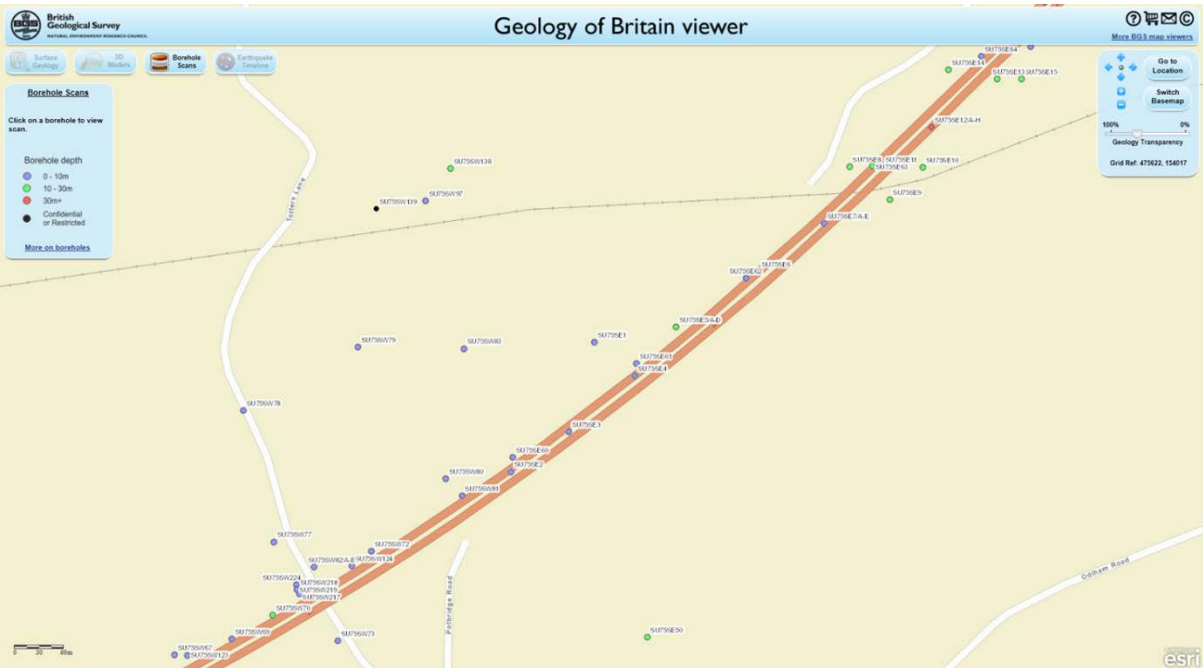
The SSSI supports a number of nationally rare flies; of these *Xylota abiens* and *Callicera aenea* are strongly associated with the dead wood habitat. In addition the notable beetle *Phyllobrotica quadrimaculata* occurs within the site. At least 28 invertebrate species of a restricted national distribution have been recorded whilst grass snakes breed on the Common and birds include woodcock and wood warbler.

# APPENDIX F

## BGS Borehole Logs



Land to the East of Totters Lane, Hook, Hampshire.



SU75SW78 — M3 POPHAM/HAWLEY BH460  
474710,154040 Depth: 7.62m.

THE CEMENTATION CO. LTD. SOIL MECHANICS SECTION BORING RECORD				SAMPLES		DETAILS OF STRATA SCALE — 1" = 5'		DESCRIPTION OF STRATA
<p>CONTRACT: LONDON TO BASINGSTOKE MOTORWAY M3 POPHAM TO HAWLEY</p> <p>REPORT No. 4909 MDMcQ    BOREHOLE No. 460</p> <p>CLIENT: THE HAMPSHIRE COUNTY COUNCIL</p> <p>SITE ADDRESS: POTTERIDGE ROAD C.134</p> <p>TYPE OF BORING: Shell and Auger</p> <p>DIAMETER OF BOREHOLE 8 ins.</p> <p>GROUND LEVEL: 226.75 G.D.</p> <p>BORING COMMENCED: 10. 6. 66</p> <p>BORING COMPLETED: 20. 6. 66</p> <p>WATER STRUCK: 8'0"</p> <p>STANDING WATER LEVEL: 3'0"</p> <p>REMARKS:</p>				Depth	Type Ref. No.	Scale	1" = 5'	Borehole No. 460
				0'0"	J 12701	1'0"	(0.30)	0'0"
				4'0"	J 12702	7'0"		0'0"
				5'0"-6'6"	U 12703			0'0"
				7'0"	J 12705	8'0"	210.75	0'0"
				9'0"	J 12707			0'0"
				10'0"-11'6"	U 12708			0'0"
				12'6"	J 12709			0'0"
				15'0"-16'6"	J 12710	17'0"		0'0"
				17'6"	J 12711			0'0"
				20'0"-21'6"	U 12712			0'0"
				22'6"	J 12713			0'0"
				23'6"-25'0"	U 12714	25'0"	201.75	0'0"
(8'0")	J 12706		(7.62)	0'0"				
CODE 'U' — UNDISTURBED SAMPLE    'J' — JAR SAMPLE								

Land to the East of Totters Lane, Hook, Hampshire.

SU75SW79 — M3 POPHAM/HAWLEY BH461  
474850,154120 Depth: 7.62m

THE CEMENTATION CO. LTD. SOIL MECHANICS SECTION BORING RECORD		SAMPLES		DETAILS OF STRATA		DESCRIPTION OF STRATA
		Depth	Type Ref No	Scale	1 in 10 ft	
CONTRACT: LONDON TO BASINGSTOKE MOTORWAY M3 POPHAM TO HAWLEY		1'0"	J 12715	1'0"	1'0"	Topsoil
REPORT No. 4909 MDMLQ		2'0"	J 12716	2'0"	2'0"	Dark brown and grey mottled silty clay
BOREHOLE No. 461		3'0"	J 12717	3'0"	3'0"	Dark silty sand with traces of clay
CLIENT: THE HAMPSHIRE COUNTY COUNCIL		4'0"	J 12718	4'0"	4'0"	
SITE ADDRESS: FOOTBRIDGE ROAD C.134		5'0"	J 12719	5'0"	5'0"	
TYPE OF BORING Shell and Auger		6'0"	J 12720	6'0"	6'0"	
DIAMETER OF BOREHOLE 0 ins.		7'0"	J 12721	7'0"	7'0"	
GROUND LEVEL 246.02 O.D.		8'0"	J 12722	8'0"	8'0"	
BORING COMMENCED 21. 6. 66		9'0"	J 12723	9'0"	9'0"	
BORING COMPLETED 21. 6. 66		10'0"	J 12724	10'0"	10'0"	
WATER STRUCK 13'0"		11'0"	J 12725	11'0"	11'0"	
STANDING WATER LEVEL 13'0"		12'0"	J 12726	12'0"	12'0"	
REMARKS:		13'0"	J 12727	13'0"	13'0"	
		14'0"	J 12728	14'0"	14'0"	
		15'0"	J 12729	15'0"	15'0"	
		16'0"	J 12730	16'0"	16'0"	
		17'0"	J 12731	17'0"	17'0"	
		18'0"	J 12732	18'0"	18'0"	

Handwritten notes on the right side of the form:

- SU75SW79
- CR 7485.5412
- British Geological Survey
- 1'0"
- 1'0"

61997R1

Appendix F: BGS Borehole Records

Contains British Geological Survey materials © NERC [2013]

Land to the East of Totters Lane, Hook, Hampshire.

SU75SW83 — M3 POPHAM/HAWLEY BH462  
474980,154120 Depth: 7.62m

THE CEMENTATION CO. LTD. SOIL MECHANICS SECTION		SAMPLES		DETAILS OF STRATA		DESCRIPTION OF STRATA
BORING RECORD		Depth	Type	Ref. No.	SCALE — 1 in. = 5 ft.	
CONTRACT: LONDON TO BASINGSTOKE MOTORWAY M3 POPHAM TO HAWLEY		0'0"	J	12733	1'0"	First brown silty clay  Thin light brown and grey mottled silty clay with silty and sandy pockets and laminations, becoming more sandy with depth.  SU75SW83  Gr 7498, 5412
REPORT No. 4909 MDMCQ BOREHOLE No 462		2'0"	J	12734	2'0"	
CLIENT: THE HAMPSHIRE COUNTY COUNCIL		4'0"	J	12735	4'0"	
SITE ADDRESS: POTTSBRIDGE ROAD C.134		6'0"	J	12736	6'0"	
TYPE OF BORING: Shell and Auger		7'6"	J	12737	7'6"	
DIAMETER OF BOREHOLE: 6 ins.		9'0"-10'6"	U	12738	9'0"-10'6"	
GROUND LEVEL: 257.70 O.D.		11'6"	J	12739	11'6"	
BORING COMMENCED: 22. 6. 66.		14'0"-15'6"	U	12740	14'0"-15'6"	
BORING COMPLETED: 22. 6. 66		16'6"	J	12741	16'6"	
WATER STRUCK: 7'6"		19'0"-20'6"	U	12742	19'0"-20'6"	
STANDING WATER LEVEL 5'0"		22'6"	J	12743	22'6"	
REMARKS:		23'6"-25'0"	U	12744	23'6"-25'0"	
		(7'6")	J	12745	25'6"	

61997R1

Appendix F: BGS Borehole Records

Contains British Geological Survey materials © NERC [2013]

Land to the East of Totters Lane, Hook, Hampshire.

SU75SE1 — M3 POPHAM/HAWLEY BH463  
475140,154130 Depth: 7.62m

61997R1

THE CEMENTATION CO. LTD. SOIL MECHANICS SECTION BORING RECORD		SAMPLES		DETAILS OF STRATA		DESCRIPTION OF STRATA
Depth	Type	Ref. No.	Depth	Scale	Remarks	
2'0"	J	2703	1'0"	1'0"	1'0"	1'0"
2'6"	J	2704	1'6"	1'6"	1'6"	1'6"
3'0"	J	2705	2'0"	2'0"	2'0"	2'0"
3'6"	J	2706	2'6"	2'6"	2'6"	2'6"
4'0"	J	2707	3'0"	3'0"	3'0"	3'0"
4'6"	J	2708	3'6"	3'6"	3'6"	3'6"
5'0"	J	2709	4'0"	4'0"	4'0"	4'0"
5'6"	J	2710	4'6"	4'6"	4'6"	4'6"
6'0"	J	2711	5'0"	5'0"	5'0"	5'0"
6'6"	J	2712	5'6"	5'6"	5'6"	5'6"
7'0"	J	2713	6'0"	6'0"	6'0"	6'0"
7'6"	J	2714	6'6"	6'6"	6'6"	6'6"
8'0"	J	2715	7'0"	7'0"	7'0"	7'0"
8'6"	J	2716	7'6"	7'6"	7'6"	7'6"
9'0"	J	2717	8'0"	8'0"	8'0"	8'0"
9'6"	J	2718	8'6"	8'6"	8'6"	8'6"
10'0"	J	2719	9'0"	9'0"	9'0"	9'0"
10'6"	J	2720	9'6"	9'6"	9'6"	9'6"
11'0"	J	2721	10'0"	10'0"	10'0"	10'0"
11'6"	J	2722	10'6"	10'6"	10'6"	10'6"
12'0"	J	2723	11'0"	11'0"	11'0"	11'0"
12'6"	J	2724	11'6"	11'6"	11'6"	11'6"
13'0"	J	2725	12'0"	12'0"	12'0"	12'0"
13'6"	J	2726	12'6"	12'6"	12'6"	12'6"
14'0"	J	2727	13'0"	13'0"	13'0"	13'0"
14'6"	J	2728	13'6"	13'6"	13'6"	13'6"
15'0"	J	2729	14'0"	14'0"	14'0"	14'0"
15'6"	J	2730	14'6"	14'6"	14'6"	14'6"
16'0"	J	2731	15'0"	15'0"	15'0"	15'0"
16'6"	J	2732	15'6"	15'6"	15'6"	15'6"
17'0"	J	2733	16'0"	16'0"	16'0"	16'0"
17'6"	J	2734	16'6"	16'6"	16'6"	16'6"
18'0"	J	2735	17'0"	17'0"	17'0"	17'0"
18'6"	J	2736	17'6"	17'6"	17'6"	17'6"
19'0"	J	2737	18'0"	18'0"	18'0"	18'0"
19'6"	J	2738	18'6"	18'6"	18'6"	18'6"
20'0"	J	2739	19'0"	19'0"	19'0"	19'0"
20'6"	J	2740	19'6"	19'6"	19'6"	19'6"
21'0"	J	2741	20'0"	20'0"	20'0"	20'0"
21'6"	J	2742	20'6"	20'6"	20'6"	20'6"
22'0"	J	2743	21'0"	21'0"	21'0"	21'0"
22'6"	J	2744	21'6"	21'6"	21'6"	21'6"
23'0"	J	2745	22'0"	22'0"	22'0"	22'0"
23'6"	J	2746	22'6"	22'6"	22'6"	22'6"
24'0"	J	2747	23'0"	23'0"	23'0"	23'0"
24'6"	J	2748	23'6"	23'6"	23'6"	23'6"
25'0"	J	2749	24'0"	24'0"	24'0"	24'0"
25'6"	J	2750	24'6"	24'6"	24'6"	24'6"
26'0"	J	2751	25'0"	25'0"	25'0"	25'0"
26'6"	J	2752	25'6"	25'6"	25'6"	25'6"
27'0"	J	2753	26'0"	26'0"	26'0"	26'0"
27'6"	J	2754	26'6"	26'6"	26'6"	26'6"
28'0"	J	2755	27'0"	27'0"	27'0"	27'0"
28'6"	J	2756	27'6"	27'6"	27'6"	27'6"
29'0"	J	2757	28'0"	28'0"	28'0"	28'0"
29'6"	J	2758	28'6"	28'6"	28'6"	28'6"
30'0"	J	2759	29'0"	29'0"	29'0"	29'0"
30'6"	J	2760	29'6"	29'6"	29'6"	29'6"
31'0"	J	2761	30'0"	30'0"	30'0"	30'0"
31'6"	J	2762	30'6"	30'6"	30'6"	30'6"
32'0"	J	2763	31'0"	31'0"	31'0"	31'0"
32'6"	J	2764	31'6"	31'6"	31'6"	31'6"
33'0"	J	2765	32'0"	32'0"	32'0"	32'0"
33'6"	J	2766	32'6"	32'6"	32'6"	32'6"
34'0"	J	2767	33'0"	33'0"	33'0"	33'0"
34'6"	J	2768	33'6"	33'6"	33'6"	33'6"
35'0"	J	2769	34'0"	34'0"	34'0"	34'0"
35'6"	J	2770	34'6"	34'6"	34'6"	34'6"
36'0"	J	2771	35'0"	35'0"	35'0"	35'0"
36'6"	J	2772	35'6"	35'6"	35'6"	35'6"
37'0"	J	2773	36'0"	36'0"	36'0"	36'0"
37'6"	J	2774	36'6"	36'6"	36'6"	36'6"
38'0"	J	2775	37'0"	37'0"	37'0"	37'0"
38'6"	J	2776	37'6"	37'6"	37'6"	37'6"
39'0"	J	2777	38'0"	38'0"	38'0"	38'0"
39'6"	J	2778	38'6"	38'6"	38'6"	38'6"
40'0"	J	2779	39'0"	39'0"	39'0"	39'0"
40'6"	J	2780	39'6"	39'6"	39'6"	39'6"
41'0"	J	2781	40'0"	40'0"	40'0"	40'0"
41'6"	J	2782	40'6"	40'6"	40'6"	40'6"
42'0"	J	2783	41'0"	41'0"	41'0"	41'0"
42'6"	J	2784	41'6"	41'6"	41'6"	41'6"
43'0"	J	2785	42'0"	42'0"	42'0"	42'0"
43'6"	J	2786	42'6"	42'6"	42'6"	42'6"
44'0"	J	2787	43'0"	43'0"	43'0"	43'0"
44'6"	J	2788	43'6"	43'6"	43'6"	43'6"
45'0"	J	2789	44'0"	44'0"	44'0"	44'0"
45'6"	J	2790	44'6"	44'6"	44'6"	44'6"
46'0"	J	2791	45'0"	45'0"	45'0"	45'0"
46'6"	J	2792	45'6"	45'6"	45'6"	45'6"
47'0"	J	2793	46'0"	46'0"	46'0"	46'0"
47'6"	J	2794	46'6"	46'6"	46'6"	46'6"
48'0"	J	2795	47'0"	47'0"	47'0"	47'0"
48'6"	J	2796	47'6"	47'6"	47'6"	47'6"
49'0"	J	2797	48'0"	48'0"	48'0"	48'0"
49'6"	J	2798	48'6"	48'6"	48'6"	48'6"
50'0"	J	2799	49'0"	49'0"	49'0"	49'0"
50'6"	J	2800	49'6"	49'6"	49'6"	49'6"
51'0"	J	2801	50'0"	50'0"	50'0"	50'0"
51'6"	J	2802	50'6"	50'6"	50'6"	50'6"
52'0"	J	2803	51'0"	51'0"	51'0"	51'0"
52'6"	J	2804	51'6"	51'6"	51'6"	51'6"
53'0"	J	2805	52'0"	52'0"	52'0"	52'0"
53'6"	J	2806	52'6"	52'6"	52'6"	52'6"
54'0"	J	2807	53'0"	53'0"	53'0"	53'0"
54'6"	J	2808	53'6"	53'6"	53'6"	53'6"
55'0"	J	2809	54'0"	54'0"	54'0"	54'0"
55'6"	J	2810	54'6"	54'6"	54'6"	54'6"
56'0"	J	2811	55'0"	55'0"	55'0"	55'0"
56'6"	J	2812	55'6"	55'6"	55'6"	55'6"
57'0"	J	2813	56'0"	56'0"	56'0"	56'0"
57'6"	J	2814	56'6"	56'6"	56'6"	56'6"
58'0"	J	2815	57'0"	57'0"	57'0"	57'0"
58'6"	J	2816	57'6"	57'6"	57'6"	57'6"
59'0"	J	2817	58'0"	58'0"	58'0"	58'0"
59'6"	J	2818	58'6"	58'6"	58'6"	58'6"
60'0"	J	2819	59'0"	59'0"	59'0"	59'0"
60'6"	J	2820	59'6"	59'6"	59'6"	59'6"
61'0"	J	2821	60'0"	60'0"	60'0"	60'0"
61'6"	J	2822	60'6"	60'6"	60'6"	60'6"
62'0"	J	2823	61'0"	61'0"	61'0"	61'0"
62'6"	J	2824	61'6"	61'6"	61'6"	61'6"
63'0"	J	2825	62'0"	62'0"	62'0"	62'0"
63'6"	J	2826	62'6"	62'6"	62'6"	62'6"
64'0"	J	2827	63'0"	63'0"	63'0"	63'0"
64'6"	J	2828	63'6"	63'6"	63'6"	63'6"
65'0"	J	2829	64'0"	64'0"	64'0"	64'0"
65'6"	J	2830	64'6"	64'6"	64'6"	64'6"
66'0"	J	2831	65'0"	65'0"	65'0"	65'0"
66'6"	J	2832	65'6"	65'6"	65'6"	65'6"
67'0"	J	2833	66'0"	66'0"	66'0"	66'0"
67'6"	J	2834	66'6"	66'6"	66'6"	66'6"
68'0"	J	2835	67'0"	67'0"	67'0"	67'0"
68'6"	J	2836	67'6"	67'6"	67'6"	67'6"
69'0"	J	2837	68'0"	68'0"	68'0"	68'0"
69'6"	J	2838	68'6"	68'6"	68'6"	68'6"
70'0"	J	2839	69'0"	69'0"	69'0"	69'0"
70'6"	J	2840	69'6"	69'6"	69'6"	69'6"
71'0"	J	2841	70'0"	70'0"	70'0"	70'0"
71'6"	J	2842	70'6"	70'6"	70'6"	70'6"
72'0"	J	2843	71'0"	71'0"	71'0"	71'0"
72'6"	J	2844	71'6"	71'6"	71'6"	71'6"
73'0"	J	2845	72'0"	72'0"	72'0"	72'0"
73'6"	J	2846	72'6"	72'6"	72'6"	72'6"
74'0"	J	2847	73'0"	73'0"	73'0"	73'0"
74'6"	J	2848	73'6"	73'6"	73'6"	73'6"
75'0"	J	2849	74'0"	74'0"	74'0"	74'0"
75'6"	J	2850	74'6"	74'6"	74'6"	74'6"
76'0"	J	2851	75'0"	75'0"	75'0"	75'0"
76'6"	J	2852	75'6"	75'6"	75'6"	75'6"
77'0"	J	2853	76'0"	76'0"	76'0"	76'0"
77'6"	J	2854	76'6"	76'6"	76'6"	76'6"
78'0"	J	2855	77'0"	77'0"	77'0"	77'0"
78'6"	J	2856	77'6"	77'6"	77'6"	77'6"
79'0"	J	2857	78'0"	78'0"	78'0"	78'0"
79'6"	J	2858	78'6"	78'6"	78'6"	78'6"
80'0"	J	2859	79'0"	79'0"	79'0"	79'0"
80'6"	J	2860	79'6"	79'6"	79'6"	79'6"
81'0"	J	2861	80'0"	80'0"	80'0"	80'0"
81'6"	J	2862	80'6"	80'6"	80'6"	80'6"
82'0"	J	2863	81'0"	81'0"	81'0"	81'0"
82'6"	J	2864	81'6"	81'6"	81'6"	81'6"
83'0"	J	2865	82'0"	82'0"	82'0"	82'0"
83'6"	J	2866	82'6"	82'6"	82'6"	82'6"
84'0"	J	2867	83'0"	83'0"	83'0"	83'0"
84'6"	J	2868	83'6"	83'6"	83'6"	83'6"
85'0"	J	2869	84'0"	84'0"	84'0"	84'0"
85'6"	J	2870	84'6"	84'6"	84'6"	84'6"
86'0"	J	2871	85'0"	85'0"	85'0"	85'0"
86'6"	J	2872	85'6"	85'6"	85'6"	85'6"
87'0"	J	2873	86'0"	86'0"	86'0"	86'0"
87'6"	J	2874	86'6"	86'6"	86'6"	86'6"
88'0"	J	2875	87'0"	87'0"	87'0"	87'0"
88'6"	J	2876	87'6"	87'6"	87'6"	87'6"
89'0"	J	2877	88'0"	88'0"	88'0"	88'0"
89'6"	J	2878	88'6"	88'6"	88'6"	88'6"
90'0"	J	2879	89'0"	89'0"	89'0"	89'0"
90'6"	J	2880	89'6"	89'6"	89'6"	89'6"
91'0"	J	2881	90'0"	90'0"	90'0"	90'0"
91'6"	J	2882	90'6"	90'6"	90'6"	90'6"
92'0"	J	2883	91'0"	91'0"	91'0"	91'0"
92'6"	J	2884	91'6"	91'6"	91'6"	91'6"
93'0"	J	2885	92'0"	92'0"	92'0"	92'0"
93'6"	J	2886	92'6"	92'6"	92'6"	92'6"
94'0"	J	2887	93'0"	93'0"	93'0"	93'0"
94'6"	J	2888	93'6"	93'6"	93'6"	93'6"
95'0"	J	2889	94'0"	94'0"	94'0"	94'0"
95'6"	J	2890	94'6"	94'6"	94'6"	94'6"
96'0"	J	2891	95'0"	95'0"	95'0"	95'0"
96'6"	J	2892	95'6"	95'6"	95'6"	95'6"
97'0"	J	2893	96'0"	96'0"	96'0"	96'0"
97'6"	J	2894	96'6"	96'6"	96'6"	96'6"
98'0"	J	2895	97'0"	97'0"	97'0"	97'0"
98'6"	J	2896	97'6"	97		



Land to the East of Totters Lane, Hook, Hampshire.

SU75SE5/A-D — M3 POPHAM/HAWLEY BH475,476,477  
475240,154150 Depth: 15.24m.

THE CEMENTATION CO. LTD. SOIL MECHANICS SECTION BORING RECORD		SAMPLES		DETAILS OF STRATA		DESCRIPTION OF STRATA
		Depth	Type Ref No	Scale	Strata	Borehole No. SU75SE5/A
CONTRACT: LONDON TO BASTINGSTOKE MOTORWAY M3 POPHAM TO HAWLEY		0.0m	J 964	0.0m	0.0m	Soft brown silty sandy clay.
REPORT No. 475/1000 BOREHOLE No. 475.		3.0m-5.0m	U 965	4.0m (13.7)	276.76	Green silty clayey sand.
CLIENT: THE HAMPSHIRE COUNTY COUNCIL		7.6m	J 966			c 7524 5415
SITE ADDRESS: WINDFIELD CUTTING		8.0m-10.0m	U 967			
		10.0m	D 968			
TYPE OF BORING: Shell and Auger		13.0m-15.0m	U 969	12.0m (13.7)	260.76	Soft to firm brown and green mottled silty clay.
DIAMETER OF BOREHOLE: 8 ins.		16.0m-18.0m	U 970	15.0m (13.7)	265.01	Firm grey silty clay with silty and sandy laminations.
GROUND LEVEL: 202.26 O.D.		18.0m	D 971			Brickwork
BORING COMMENCED: 22. 5. 66		21.0m-23.0m	U 972			
BORING COMPLETED: 24. 5. 66		25.0m	J 973			
WATER STRUCK: 40.0m		26.0m-28.0m	U 974	27.0m (14.5)	255.76	Firm to stiff grey silty clay with silty and sandy laminations.
STANDING WATER LEVEL: 3.6m		29.0m-30.0m	U 975	30.0m (14.5)	250.76	Light grey and brown mottled clayey sand.
REMARKS:		33.0m	J 976			Brickwork
		34.0m	J 977			
		38.0m-39.0m	J 978			
		39.0m	J 979			
		41.0m	J 980			
		44.0m	J 981			
		47.0m	J 982	47.0m (14.5)	254.26	Soft to firm grey and brown very silty sandy clay.
		48.0m-50.0m	U 982			
		50.0m	W 983	50.0m (15.2)	231.26	
		(18.0m)				

CODE U — UNDISTURBED SAMPLE J — JAR SAMPLE  
D — LARGE DISTURBED SAMPLE W — WATER SAMPLE

61997R1

Appendix F: BGS Borehole Records

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Land to the East of Totters Lane, Hook, Hampshire.

THE CEMENTATION CO. LTD. SOIL MECHANICS SECTION BORING RECORD				SAMPLES			DETAILS OF STRATA			DESCRIPTION OF STRATA	
CONTRACT: LONDON TO BASINGSTOKE MOTORWAY M3 POPHAM TO HAWLEY				Depth	Type	Ref No.	Scale	1 in. = 5 ft.	1 in. = 5 ft.	BOREHOLE No. 476. Su 755e   53	
REPORT No. 4909 MDM:Q BOREHOLE No. 476.				0'0"	J	985	0'0"	0'0"	0'0"	Topsoil.	
CLIENT: THE HAMPSHIRE COUNTY COUNCIL				2'6"	J	986	0'0"	0'0"	0'0"	Soft to firm brown and grey mottled silty clay.	
SITE ADDRESS: VINEFIELD CUTTING				3'6"-5'0"	U	987	5'0"	279.36	4'3"	Brown, black green and grey silty sandy clayey silt.	
TYPE OF BORING: Shell and Auger				7'6"	J	988	0'0"	0'0"	4'0"	Firm to stiff green silty sandy clay.	
DIAMETER OF BOREHOLE: 8 ins.				8'6"-10'0"	U	989	9'0"	275.36	6'9"	Firm brown and grey mottled silty clay.	
GROUND LEVEL: 284.56 O.D.				10'0"	D	990	0'0"	0'0"	1'9"	Firm grey silty clay.	
BORING COMMENCED: 25. 5. 66.				13'6"-15'0"	U	991	15'0"	268.61	5'0"	Firm grey silty clay with silty and sandy laminations.	
BORING COMPLETED: 25. 5. 66.				16'6"-18'0"	U	992	17'0"	266.86	2'6"	Firm to stiff light and dark brown and grey mottled silty clay with silty laminations.	
WATER STRUCK: None				21'6"-23'0"	U	994	22'6"	261.86	10'0"	Firm to stiff light and dark brown and grey mottled silty clay with silty laminations.	
STANDING WATER LEVEL: -				25'6"	J	995	0'0"	0'0"	2'6"	Firm to stiff light and dark brown and grey mottled silty clay with silty laminations.	
REMARKS:				26'6"-28'0"	U	996	0'0"	0'0"	10'0"	Firm to stiff light and dark brown and grey mottled silty clay with silty laminations.	
				30'6"	J	997	30'6"	251.86	2'6"	Firm to stiff light and dark brown and grey mottled silty clay with silty laminations.	
				32'0"-33'6"	U	998	32'6"	251.86	2'6"	Firm to stiff light and dark brown and grey mottled silty clay with silty laminations.	
				35'0"	J	999	35'0"	249.36	2'6"	Firm to stiff light and dark brown and grey mottled silty clay with silty laminations.	
				(7'0")	V	1000	0'0"	0'0"	2'6"	Firm to stiff light and dark brown and grey mottled silty clay with silty laminations.	

THE CEMENTATION CO. LTD. SOIL MECHANICS SECTION BORING RECORD				SAMPLES			DETAILS OF STRATA			DESCRIPTION OF STRATA	
CONTRACT: LONDON TO BASINGSTOKE MOTORWAY M3 POPHAM TO HAWLEY				Depth	Type	Ref No.	Scale	1 in. = 5 ft.	1 in. = 5 ft.	BOREHOLE No. 477. Su 755e   53	
REPORT No. 4909 MDM:Q BOREHOLE No. 477.				0'0"	J	3501	0'0"	0'0"	0'0"	Topsoil.	
CLIENT: THE HAMPSHIRE COUNTY COUNCIL				2'6"	J	3502	0'0"	0'0"	0'0"	Soft to firm grey and brown mottled silty clay.	
SITE ADDRESS: VINEFIELD CUTTING				3'6"-5'0"	U	3503	0'0"	0'0"	8'9"	Green silty sand with traces of clay.	
TYPE OF BORING: Shell and Auger				7'6"	J	3504	0'0"	0'0"	10'0"	Firm to stiff grey/green silty clay.	
DIAMETER OF BOREHOLE: 8 ins.				8'6"-10'0"	U	3505	9'6"	279.59	8'0"	Firm to stiff grey and brown mottled silty clay with silty and sandy laminations.	
GROUND LEVEL: 289.09 O.D.				10'0"	D	3506	0'0"	0'0"	12'0"	Stiff brown and grey mottled silty clay.	
BORING COMMENCED: 26. 5. 66.				13'6"-15'0"	U	3507	0'0"	0'0"	3'6"	Stiff light brown silty sandy clay.	
BORING COMPLETED: 27. 5. 66.				16'0"-18'0"	U	3508	19'6"	269.59	2'0"	Stiff light brown silty sandy clay.	
WATER STRUCK: 27'6"				18'6"-20'0"	U	3509	27'6"	261.59	2'0"	Stiff light brown silty sandy clay.	
STANDING WATER LEVEL: Not recorded				22'6"	J	3510	0'0"	0'0"	2'0"	Stiff light brown silty sandy clay.	
REMARKS:				23'6"-25'0"	U	3511	0'0"	0'0"	2'0"	Stiff light brown silty sandy clay.	
				27'6"	J	3512	27'6"	261.59	2'0"	Stiff light brown silty sandy clay.	
				28'6"-30'0"	U	3513	0'0"	0'0"	2'0"	Stiff light brown silty sandy clay.	
				32'6"	J	3514	0'0"	0'0"	2'0"	Stiff light brown silty sandy clay.	
				33'6"-35'0"	U	3515	0'0"	0'0"	2'0"	Stiff light brown silty sandy clay.	
				37'6"	J	3516	0'0"	0'0"	2'0"	Stiff light brown silty sandy clay.	
				38'6"-40'0"	U	3517	39'6"	249.59	2'0"	Stiff light brown silty sandy clay.	
				41'0"-42'6"	U	3518	43'0"	246.09	2'0"	Stiff light brown silty sandy clay.	
				43'6"-45'0"	U	3519	45'0"	244.09	2'0"	Stiff light brown silty sandy clay.	
				(27'6")	V	3520	0'0"	0'0"	2'0"	Stiff light brown silty sandy clay.	

61997R1

Appendix F: BGS Borehole Records

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Land to the East of Totters Lane, Hook, Hampshire.

THE CEMENTATION CO. LTD. SOIL MECHANICS SECTION BORING RECORD				SAMPLES		DETAILS OF STRATA SCALE — 1 in. = 5 ft		DESCRIPTION OF STRATA	
CONTRACT: LONDON TO BASINGSTOKE MOTORWAY M3 POPHAM TO HAWLEY				Depth	Type	Ref. No.	Gravel	Silt	Clay
REPORT No. 4909 MDMCQ BOREHOLE No. 478				0' 0"	J	3521	0' 0"	0' 0"	0' 0"
CLIENT: THE HAMPSHIRE COUNTY COUNCIL				3' 6" - 5' 0"	U	3523	5' 0"	289.73	4' 3"
SITE ADDRESS: WINDFIELD CUTTING				7' 6"	J	3524			
TYPE OF BORING: Shell and Auger				8' 6" - 10' 0"	U	3525			
DIAMETER OF BOREHOLE: 8 ins.				10' 0"	D	3526			
GROUND LEVEL: 294.73 O.D.				15' 6" - 15' 10"	U	3527			
BORING COMMENCED: 27. 5. 66.				17' 0"	J	3528	261.9"	277.98	
BORING COMPLETED: 1. 6. 66.				18' 6" - 20' 0"	U	3529			
WATER STRUCK: 27' 6"				22' 6"	J	3530			
STANDING WATER LEVEL Not recorded				23' 6" - 25' 0"	U	3531			
REMARKS:				27' 6"	J	3532	27' 6"	267.23	
				28' 6" - 30' 0"	U	3533			
				32' 6"	J	3534			
				33' 6" - 35' 0"	U	3535	35' 0"	259.73	
				(27' 6")	W	3536			

DESCRIPTION OF STRATA

Topsoil.

Firm to stiff brown and grey mottled silty fissured clay.

Firm to stiff light brown and grey mottled silty clay with silty laminations.

Light brown and green clayey sandstone.

Grey silty clay with sandy pockets.


SU75SW138 — B.R. SHAPLEY HEATH CUTTING  
474960,154340 Depth: 21.34m.

61997R1

Appendix F: BGS Borehole Records

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Land to the East of Totters Lane, Hook, Hampshire.

British Geological Survey	British Geological Survey	British Geological Survey
British Geological Survey		British Geological Survey
British Geological Survey	British Geological Survey	British Geological Survey
British Geological Survey	<b>NGRC</b>	British Geological Survey
British Geological Survey	<b>BOREHOLE RECORDS</b>	British Geological Survey
British Geological Survey	<b>ADJUSTMENT FORM</b>	British Geological Survey
British Geological Survey	<b>QUARTER SHEET</b>	British Geological Survey
British Geological Survey	<u>SU75SW</u>	British Geological Survey
British Geological Survey	<b>BH REGISTRATION NUMBER</b>	British Geological Survey
British Geological Survey	<u>136-147</u>	British Geological Survey
British Geological Survey	British Geological Survey	British Geological Survey
British Geological Survey	<b>RECORDS ENTERED AND HELD BY WALLINGFORD</b>	British Geological Survey
British Geological Survey	British Geological Survey	British Geological Survey
British Geological Survey	British Geological Survey	British Geological Survey
British Geological Survey	<b>BH REGISTRATION NUMBER(S)</b>	British Geological Survey
British Geological Survey	British Geological Survey	British Geological Survey

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Appendix F: BGS Borehole Records

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British Geological Survey

**A**

 $\alpha$ 

British Geological Survey

British Geological Survey

Scottish Geological Survey

British Geological Survey

Gloucester House, Piccadilly, W.1.

9th June, 1927.

Parts per 100,000

#### Chemical Analysis

Suspended Solids	...	...	82.73
Dissolved "	...	...	95.88
Chlorine	...	...	17.4
Free Ammonia	...	...	.0525
Albuminoid Ammonia	...	...	.0075
Nitrate	...	...	Nil
Nitrite	...	...	Heavy trace
Oxygen consumed from Permanganate	...	...	.2656

#### Bacteriological Examination

Organisms per cubic centimetre growing at 20°C.	38
Do.	R.L. 2

Organisms per cubic centimetre growing  
at 37.5°C. Less than 1

Coli organisms Present in 20 cc.  
of the water.  
Absent from 10 cc.  
of the water.

#### Physical Examination

The sample was strongly opalescent and had a faint oily  
odour. A few oily drops were observed on the surface. The sample  
was light brown in colour and there was some fine sand at the bottom  
of the bottle.

#### Conclusions

We have compared the above figures with those obtained by  
us in 1914 and note that the total dissolved solids and chlorine show  
considerable increases. The physical condition of the sample  
recently submitted is unsatisfactory and the presence of coli  
organisms in 20 cc. is undesirable. The opalescence was not due to  
an emulsion of oil particles, but was due to a fine suspension of  
earthy matter which settled out on standing. From a knowledge of  
the circumstances it seems possible that there is a leakage of surface  
water into the well.

We are of opinion, however, that the water in its present  
condition is unsuitable for supply.

0199/K1

Date of completion  
of well catalogue . . . . .

Date of publication . . . . .

Licence No. . . . .

284 / Su75/20  
40 A & C

Additional Sheet No. . . . . British Geological Survey

[illegible]

**FILMED**

\* Insert Well Reference Letter, if more than one well at site

P.T.O.

Section 6

### Pumping Test

Observ. Well

## Recorder

### E.R. Log

Institute of Geological  
Sciences  
Hydrogeological Dept.,  
Exhibition Road,  
South Kensington,  
London SW7 2DE



0199/RL

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[illegible]

# APPENDIX G

**Information from Hart District Council**

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RESTORATION OF BORROW PIT FOR ODIHAM BYPASS, POTBRIDGE

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At the October meeting of the Sub-committee members asked that in the new year a report be prepared on progress of restoration at the Potbridge site.

Extraction of filling material ceased at the end of October in accordance with the conditions of the planning permission. The permission allows a further twelve months for reinstatement. The approved scheme for reinstatement was prepared on the assumption that a certain amount of material removed from the road line as unsuitable would be brought back to the site. Even allowing for the return of this material, it was proposed that the general level of the site would be lowered by approximately two metres.

No restoration work has yet been carried out. A small quantity of unsuitable material has been taken to the site but otherwise it remains as it was when extraction ceased. The applicant states that there is insufficient material available on site to achieve the levels in the approved reinstatement scheme and has made enquiries about the likelihood of gaining a further planning permission to import material from construction sites elsewhere in the vicinity.

I have advised that in view of the objections raised to the extraction of fill I would be unlikely to recommend approval for an application for filling since it would inevitably result in undesirable traffic movements beyond the period originally envisaged at the time of the borrow pit permission. The permission for the "borrow pit" was given in response to exceptional circumstances, and it was intended that the land should be returned to agricultural use as quickly as possible. Only if it were shown to be impossible to achieve a satisfactory restoration without the importation of additional material would I consider any tipping application favourably.

The applicant states that the shortfall of material (20,000 cubic metres) is explained by two factors, the removal of much of the unsuitable material from the road contract and its disposal elsewhere before the borrow pit was available, and the alterations in the quantities of fill required and amounts of unsuitable material to be excavated after the planning permission had been given. If a permission for importing fill could be obtained the applicant would prefer to pass the responsibility for reinstatement to the sub-contractor who excavated the site. The sub-contractor states that he would like to obtain permission to import approximately 70,000 to 80,000 cubic metres of material over a period of two years and reinstate the site closer to the original levels, to give better drainage. He considers that this operation would not be comparable to the extraction, since the lorry movements would be spread over a longer period of time and that a two-way access to the

too of the site would then be acceptable, avoiding the need for traffic to pass through Potbridge.

I have invited the parties concerned to write, setting out clearly the reasons why a discrepancy in quantities has arisen, why the conditions of the planning permission cannot be complied with, and why in their view it has become necessary to apply for permission to import further materials. I have also asked for revised drawings to show the best reinstatement which could be achieved with the quantities available on site at present.

I will keep members advised of the negotiations.

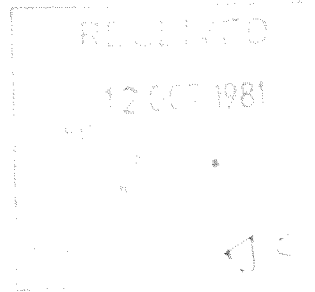
208 RESTORATION OF BORROW PIT FOR ODIHAM BY-PASS, POTBRIDGE

RESOLVED:

That the report of the County Planning Officer be noted.

Env Pl. Sub	208
22/81	





MAB/PEW/HR42/1

M Budden

663

7 October 1981

Dear Sir

*5/10/81*

DISPOSAL OF CONTROLLED WASTES AND RESTORATION TO AGRICULTURE,  
POTBRIDGE FARM, TOTTERS LANE, POTBRIDGE

I have received your planning application for waste disposal. The application does not appear to have been advertised under Section 26 (3) of the Town and Country Planning Act 1971. It will be necessary to publish a notice in the press and submit evidence to the County Planning Authority that the notice has been published.

As I am sure you are aware, planning applications are now subject to charges. A fee of £40 is payable in this case, and a cheque should be made out to the Hampshire County Council and forwarded to the above address.

Plan C should show the application site bounded by a red line and, if different, the limit of land under your control bounded by a blue line.

The plans do not make clear the means of access to the site. Is the one-way system used for the provision of fill to the by-pass to be continued? For your information, I consider that the eastern access is the preferable one.

As you are aware, I am opposed to the importation of anything except the absolute minimum quantity of waste materials compatible with achieving satisfactory reinstatement of the land for agricultural use. When I have had the opportunity to more fully assess your proposals and carry out consultations, I will contact you again.

Yours faithfully

*fp* County Planning Officer

Anderson Construction  
Hadley Dene  
Hook Cross  
Rotherwick  
Hants

For the attention of Mr I Anderson

# Hampshire

C. R. B. BROWN, B.Arch., M.C.D., F.R.T.P.I., R.I.B.A.,  
County Planning Officer.



THE CASTLE, WINCHESTER, SO23 8UE.  
Telephone: Winchester 4411.

Please quote: MAB/AAP/HR42/1

Your ref.: TYS 8774

12 October 1981

Telephone enquiries to: M A Budden Ext.: 663

Dear Mr Cull

PLANNING APPLICATION FOR THE DISPOSAL OF CONTROLLED WASTES, POTBRIDGE FARM,  
TOTTERS LANE, POTBRIDGE. (APPLICATION NO. HDC 8774).

I refer to the above application received in my office on the 22 September 1981.

As I know you are aware, the site has a troubled history and is therefore a particularly sensitive one. The fact that the unsuitable material won from the line of the Odiham By-Pass was either directed to alternative pits or was not in fact unsuitable, has meant that a void remains at Potbridge. It is therefore necessary to import waste materials to restore the site to agricultural use at the lower level. I have already advised the applicant that I am only prepared to allow the importation of the minimum amount of materials compatible with achieving a productive land use. In an attempt to meet my requirements the applicant proposes to import a limited amount of waste materials to the site and to remove almost all of the copse in the eastern end of the site to allow that area to be regraded. The copse is bounded by Totters Lane, the railway and the M3 motorway. This copse, is I believe, worthy of preservation since there are substantial numbers of mature oak trees of amenity and ecological value. The trees around the perimeter of the site are particularly important though those dispersed within the copse are also of value. The copse provides a pleasant "backcloth" when viewed from the M3 motorway and the public footpath which runs between the motorway and the copse.

For these reasons, I would be grateful if you would consider serving a tree preservation order on the copse. I am entirely convinced that, should the applicant obtain prior knowledge of my intention - which would be inevitable since I am unable to serve a tree preservation order until after decision on the application has been made, all the trees would be felled. Furthermore, I am unable to approach the applicant to suggest excluding the copse from the application area since, having done so, I have no doubt that the trees would be removed immediately.

I would hope therefore, that you will agree that the trees are worthy of conservation and will assist me in my efforts to preserve them. I believe time is of the essence.

Yours sincerely

County Planning Officer

*He authorised 5/11/81*

A S Cull Esq. MRTPI



G E BLAY  
TRIMMERS FARM  
MURRELL GREEN  
HARTLEY WINTNEY  
HANTS  
RG27 8HX  
HOOK 2210

12th March 1981

Hampshire County Council,  
County Planning Officer,  
The Castle,  
Winchester.

Dear Sirs,

Reinstatement of Agricultural Land, Potbridge Farm:

I am most anxious that agreement for the filling and reinstatement of my land at Potbridge should be reached quickly. We were given to understand that a far larger volume of surplus material from the new bypass would be brought back to the field than has in fact been imported to date.

As a result the field is unworkable and dangerous and I am acutely worried by the prospect of this land being out of commission any longer than necessary.

Mr. Anderson has shown me a copy of his letter to you in which he deals with plans for reinstatement and the drawings which accompany his letter have my approval. The serious rabbit problem which has developed can be resolved by the proposals he has put forward, and if controlled tipping of inert material can go ahead quickly we can expect to farm part of the workings this season.

Without importing earth fill the field cannot be reinstated, unless the electricity pylon were moved to enable us to make use of the hill upon which it stands, to fill the surrounding low-lying areas.

I trust you will do everything possible to hasten an early decision regarding these proposals.

Yours faithfully,

G.E. Blay.

# anderson (construction)

Hadley Dene, Hook Cross, Rotherwick, Hants.

Tel: Hook (0256 72) 2649

Hampshire County Council,  
County Planning Officer,  
The Castle,  
Winchester.

10th March 1981

Your Ref.: RJE/56/1/MR42

Dear Sir,

## RESTORATION OF BORROW PIT, POTBRIDGE:

Thank you for your letter dated 19th February.

### Inspection of Borrow Pit, 19th February:

When Mr. Emmens visited the Borrow Pit surplus material from the Odiham Bypass was being tipped in the workings. This material is waterlogged and will not support lorries. (Indeed he photographed a vehicle which was 'set' in the tipping area.)

We have therefore imported some chalk fill and hardcore (from the Basingstoke area) which enables our lorries to continue tipping in the fill area. This chalk fill has however been placed solely in the section of the workings lying outside the area initially covered by planning permission for the excavation of sand, which we are given to understand we may reinstate with inert material at will.

### Shortfall of material from Odiham Bypass Contract:

You will be aware that the method of excavation of sand fill at Potbridge was based entirely upon the concept of reinstating the workings with material from the Bypass. Indeed, the very term 'borrow pit' implies this. In the event the amount of surplus excavated material was reduced through a decision of the Resident Engineer, and that material which was forthcoming was shipped elsewhere by the Main Contractor.

Thus we cannot fulfil our moral obligation to restore the field to agricultural use for the land-owner, Mr. G.M. Blay, and nor is any 'cut and fill' operation feasible within the field itself.

### Synopsis of existing state of workings:

As will be seen from the attached drawing marked 'Plan A', it is impossible to restore even part of the field for farming unless material is imported, for the following reasons:

.../2



- a) The 'shelf' formed by excavation adjacent to the line of the gas main cannot be reduced because of its proximity to the pipeline, and there is insufficient material on the lower level to enable filling below this 'shelf'.
- b) While shaping of the area around the pylon has now taken place, the mound on which the pylon stands is too steep to be worked safely by tractors. There is also a large depression to the north of the pylon which requires filling.
- c) The level of the water table in the low-lying area where the bulk of the sand excavation has taken place precludes entirely agricultural use unless the mean ground level is raised. Also parts of this low area are below the invert level of the ditch to the west of the pylon and this ditch cannot therefore drain the field.
- d) The sheer face formed around the north and east perimeter of the workings is dangerous. Even if graded off insufficient material exists to enable working with tractors or indeed to allow cattle to run in the field with safety.
- e) There is insufficient material along the southern boundary of the field to allow a 'cut and fill' operation without radically altering the character of the field. In fact such an operation would simply create further steep embankments.

#### Reclamation, eastern Boundary of field:

It is the landowner's intention to clear part of the woodland to the east of the field. This proposal allows for the removal of brush, birch and hazel, and the grubbing out of the large number of stumps and dead timber, while leaving the specimen trees. (Please see Plan 'B' attached.)

The object of this operation is to prevent further growth of the rabbit population already diseased and threatening both crops and the stability of the railway embankment beside the field, and to restore an area which is now unproductive (and dangerous for farm stock) to agricultural use.

These proposals also allow for the grading of the area to margin its level with the proposed final levels of the dig area as shown on Plan 'B'.

#### Controlled Tipping:

Our proposal is to seek your permission to import inert fill material in order to restore the field. This would be carried out over a 24 month period based on 5½ day operation between 8.15 am and 5.15 pm, completing the filling operation area by area prior to topsoiling and handing over the field to the landowner in progressive stages.

- i) The fill required is 60,000 m<sup>3</sup>.
- ii) The operation would be much less intensive than the extraction operation which took place in the summer of 1980, and lorry movements would rarely exceed 30 per day. (Peak lorry movements during the extraction phase were 600 per day.)
- iii) The operation would not entail use of Totters Lane.

# APPENDIX H

## Stop Notices

**STOP NOTICE****IMPORTANT – THIS NOTICE AFFECTS YOUR PROPERTY****TOWN AND COUNTRY PLANNING ACT 1990  
(as amended by The Planning and Compensation Act 1991)****HART DISTRICT COUNCIL**

To: Mr P Blay  
Trimmers Farm  
Totters Lane  
Hartley Wintney  
Hampshire

**WHEREAS**

1. Hart District Council being the Local Planning Authority for the land to which this Notice relates, has issued an Enforcement Notice, dated **2<sup>nd</sup> February 2001** under Section 172 of The Town and Country Planning Act 1990, alleging that there has been a breach of planning control on the land described in Schedule 1 to this Notice; and
2. The Council considers it expedient that a relevant activity required by the Enforcement Notice to cease should cease before the expiry of the period allowed for compliance with the requirements of the Enforcement Notice.

**NOTICE** is hereby given that the Council in exercise of its power in Section 183 of the 1990 Act, now prohibit the carrying out of the activity specified in Schedule 2 to this Notice.

A copy of the related Enforcement Notice issued under Section 172 of the 1990 Act, is annexed to this Notice.

This Stop Notice shall take effect immediately on **2<sup>nd</sup> February 2001** when all activity specified in Schedule 2 to this Notice shall cease to stop potential damage to the land form and character of the site and in respect of the adjoining site of importance for nature conservation.

Issued : **2<sup>nd</sup> February 2001**

## STOP NOTICE

### IMPORTANT – THIS NOTICE AFFECTS YOUR PROPERTY

**TOWN AND COUNTRY PLANNING ACT 1990**  
(as amended by The Planning and Compensation Act 1991)

### HART DISTRICT COUNCIL

To: Mr D Blay  
Potbridge Farm  
Potbridge Road  
Potbridge  
Odiham  
Hampshire

---

#### WHEREAS

1. Hart District Council being the Local Planning Authority for the land to which this Notice relates, has issued an Enforcement Notice, dated **2<sup>nd</sup> February 2001** under Section 172 of The Town and Country Planning Act 1990, alleging that there has been a breach of planning control on the land described in Schedule 1 to this Notice; and
2. The Council considers it expedient that a relevant activity required by the Enforcement Notice to cease should cease before the expiry of the period allowed for compliance with the requirements of the Enforcement Notice.

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Issued : **2<sup>nd</sup> February 2001**



## STOP NOTICE

### IMPORTANT – THIS NOTICE AFFECTS YOUR PROPERTY

**TOWN AND COUNTRY PLANNING ACT 1990**  
(as amended by The Planning and Compensation Act 1991)

### HART DISTRICT COUNCIL

To: Mr Roberts  
6 Edney Close  
Church Crookham  
Fleet  
Hampshire

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#### WHEREAS

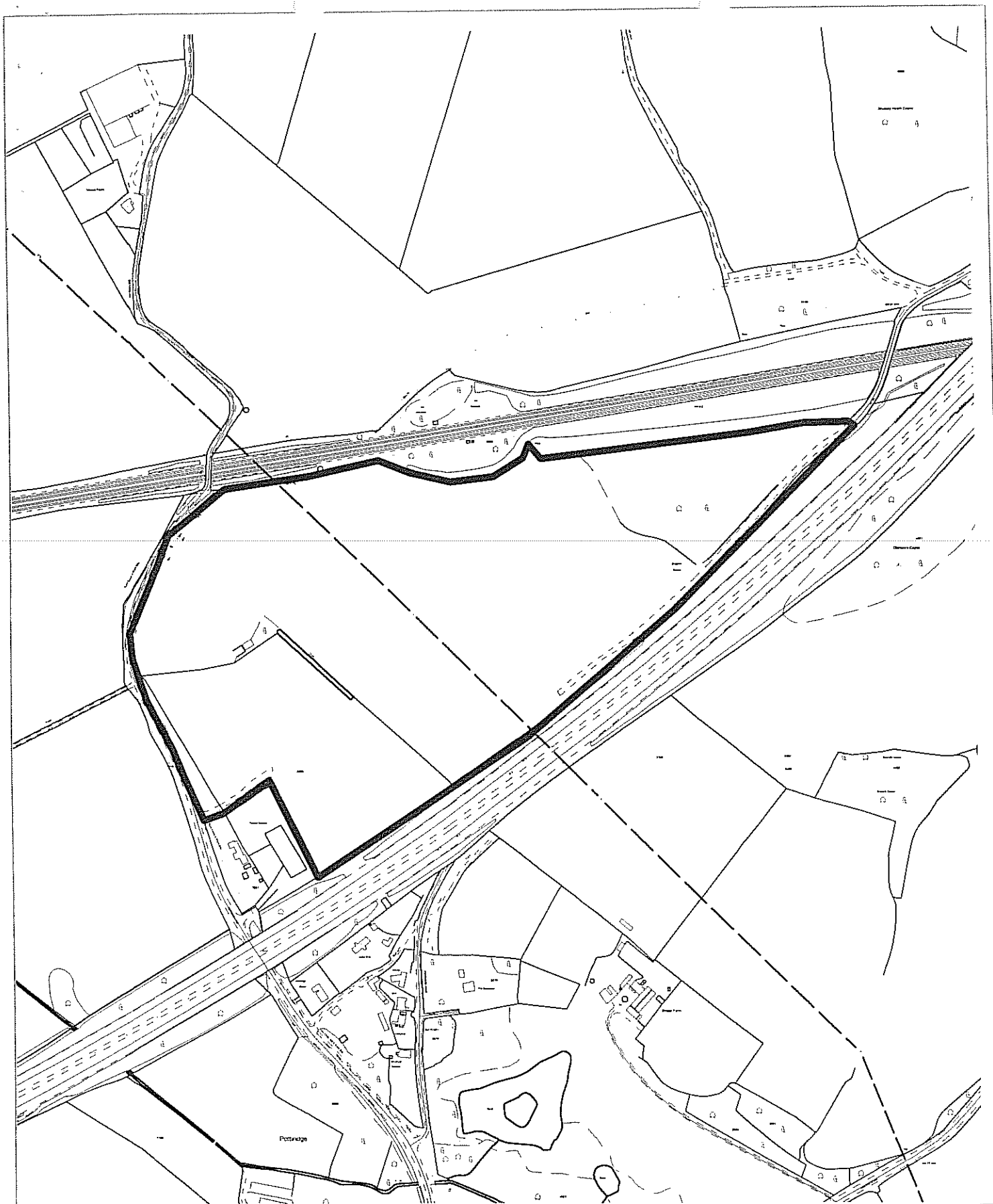
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2. The Council considers it expedient that a relevant activity required by the Enforcement Notice to cease should cease before the expiry of the period allowed for compliance with the requirements of the Enforcement Notice.

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This Stop Notice shall take effect immediately on **2<sup>nd</sup> February 2001** when all activity specified in Schedule 2 to this Notice shall cease to stop potential damage to the land form and character of the site and in respect of the adjoining site of importance for nature conservation.

Issued : **2<sup>nd</sup> February 2001**



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 Hart District Council 178182 Map produced: 2nd February 2001.

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**LAND AT BEGGARS CORNER  
 TOTTERS LANE  
 OLD POTBRIDGE ROAD  
 WINCHFIELD**


**DATE: 02.02.2001**

### **SCHEDULE 1**

The land or premises to which this Notice relates comprises land at Old Potbridge Road, Winchfield, Hook in Hampshire edged with a bold black line on the annexed plan.

### **SCHEDULE 2**

The carrying out of engineering works primarily consisting of excavation and earth moving works.

Signed..... 

Solicitor to the Council  
Hart District Council  
Civic Offices  
Fleet  
Hampshire  
GU13 8AE

## **OPERATIONAL DEVELOPMENT**

### **IMPORTANT – THIS COMMUNICATION AFFECTS YOUR PROPERTY**

#### **TOWN AND COUNTRY PLANNING ACT 1990**

**(as amended by The Planning and Compensation Act 1991)**

#### **ENFORCEMENT NOTICE**

#### **ISSUED BY HART DISTRICT COUNCIL**

1. THIS IS A FORMAL NOTICE which is issued by the Council because it appears to them that there has been a breach of planning control under Section 171A(1)(a) of the above Act, at the land described below. They consider that it is expedient to issue this Notice, having regard to the provisions of the development plan and to other material planning considerations.

2. THE LAND AFFECTED

The land at Old Potbridge Road, Winchfield, Hook in Hampshire shown edged with a bold black line on the attached plan.

3. THE BREACH OF PLANNING CONTROL ALLEGED

Without planning permission engineering works primarily consisting of excavation and earth moving works have commenced on the site.

4. REASONS FOR ISSUING THIS NOTICE

- (i) It appears to the Council that the above breach of planning control has occurred within the last 4 years.
- (ii) The engineering works referred to in paragraph 3 of this Notice include substantial works of earth moving in excess of that reasonably required for agricultural purposes.
- (iii) It appears to the Council that the above breach of planning control has the potential to result in damage to the land form and character of the site and in respect of the adjoining site of importance for nature conservation.





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 Hart District Council 178162 Map produced: 2nd February 2001.

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**LAND AT BEGGARS CORNER  
 TOTTERS LANE  
 OLD POTBRIDGE ROAD  
 WINCHFIELD**

**DATE: 02.02.2001**

Hart District Council  
Civic Offices  
Harlington Way  
Fleet  
Hants. GU51 4 AE

## YOUR RIGHT OF APPEAL

You can appeal against this Notice, but any appeal must be received, or posted in time to be received, by the Secretary of State before **5<sup>th</sup> March 2001**. The enclosed booklet "Enforcement Appeals – A Guide to Procedure" sets out your rights. Read it carefully. You may use the enclosed appeal forms. One is for you to send to the Secretary of State if you decide to appeal. The other is for you to keep as a duplicate for your own records. You should also send the Secretary of State the spare copy of this Enforcement Notice which is enclosed.

---

## WHAT HAPPENS IF YOU DO NOT APPEAL

If you do not appeal against this Enforcement Notice, it will take effect on **5<sup>th</sup> March 2001** and you must then ensure that the required steps for complying with it, for which you may be held responsible are taken within the period(s) specified in the Notice. Failure to comply with an Enforcement Notice which has taken effect can result in prosecution and/or remedial action by the Council.

# APPENDIX I

**CIRIA C552**



Land to the East of Totters Lane, Hook, Hampshire.

The following tables are derived from CIRIA C552 and have been used to define the risk rating presented in the Qualitative Risk Assessment matrix in Table 7.1.

#### Classification of consequence

Classification	Definition
<b>Severe</b>	Short term (acute) risk to human health likely to result in 'significant harm' as defined by the Environment Protection Act 1990, Part IIA. Short term risk of pollution (note; Water Resources Act contains no scope for considering significant pollution) of sensitive water resource. Catastrophic damage to building/property. A short term risk to a particular ecosystem, or organism forming part of such ecosystem. (Note the definitions of ecological systems within the Draft Circular on Contaminated Land DETR, 2000).
<b>Medium</b>	Chronic damage to human health ('significant harm', as defined In DETR, 2000). Pollution of sensitive water resources (note; Water Resources Act contains no scope for considering significant pollution). A significant change in a particular ecosystem, or an organism forming part of such an ecosystem. (Note the definitions of ecological systems within the Draft Circular on Contaminated Land DETR, 2000).
<b>Mild</b>	Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services ('significant harm', as defined In DETR, 2000). Damage to sensitive buildings/structures/services or the environment.
<b>Minor</b>	Harm, although not necessarily significant harm, which may results in a financial loss, or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as persona protective clothing etc). Easily repairable effects of damage to buildings, structures and services.

#### Classification of probability

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

#### Matrix of consequence against probability to gain a risk classification

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High Likelihood	Very High Risk	High Risk	Moderate Risk	Moderate/Low Risk
	Likely	High Risk	Moderate Risk	Moderate/Low Risk	Low Risk
	Low likelihood	Moderate Risk	Moderate/Low Risk	Low Risk	Very Low Risk
	Unlikely	Moderate/Low Risk	Low Risk	Very Low Risk	Very Low Risk

Rudland, D.J., Lancefield, R.M. & Mayell, P.N., 2001. Contaminated Land Risk Assessment, A guide to good practice. CIRIA C552.