

# COTEFIELD BUSINESS PARK, BODICOTE

Phase 1 Land Contamination Assessment

On Behalf of Cotefield Holdings Limited

JER1600  
Cotefield Business Park  
Contamination Phase 1  
Final  
06 June 2019

## REPORT

### Quality Management

Version	Status	Authored by	Reviewed by	Approved by	Review date
Final	Final	Eric Dede	Jez Gittins	Simon Gamage	26.06.19

### Approval for issue

Simon Gamage

26 June 2019

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## EXECUTIVE SUMMARY

<b>Site Reference</b>	Land at Cotefield Business Park, Oxford Road, Bodicote.
<b>Former Site Use</b>	No historical development has been recorded on site
<b>Current Site Use</b>	Open / previously developed brownfield land currently used as a site compound for construction works and an associated temporary car park.
<b>Proposed Site Use</b>	Commercial development (a food store with associated access, car parking, delivery area and landscaping)
<b>Conclusions and Recommendations</b>	<p>No obvious indications of site contamination were identified at the site during the site walkover. Historically, other than an abstraction well, constructed for agricultural purposes, no permanent development has taken place within the proposed development area at the site; and, no significant potential sources of contamination have been identified from the site's historical uses. It is understood that no groundwater contamination has been noted in the abstraction well present at the site, although RPS has not reviewed any laboratory data.</p> <p>However, it is considered that there may be the potential for localised contaminants, specifically hydrocarbons within the made ground due to the current use of the site as a site compound for construction works and the parking of vehicles may provide a potential source of general contamination (localised and limited, if present).</p> <p>There may also be made ground fill associated with the installation of the high voltage utility line understood to be present onsite.</p> <p>The overall preliminary risk associated with site contamination (if present) is considered low to moderate.</p> <p>An intrusive site investigation is recommended at the site, prior to the construction of the proposed development. The investigation should include due diligence geochemical sampling on a medium density non-targeted approach, provide an assessment of ground gas risk, and geotechnical assessment for the foundations of the proposed structures and pavement/car park design.</p> <p>Any site investigation works should take due diligence of the location and appropriate stand-off required from the underground utility, in accordance with HSG47.</p>

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# 1 INTRODUCTION

## 1.1 Background

- 1.1.1 RPS Planning and Development (RPS) has been commissioned by Cotefield Holdings Limited (the Client) to produce a Phase 1 Land Contamination Assessment for the land at Cotefield Business Park, Oxford Road in Bodicote, in support of a planning application for a proposed food store. A site location plan is presented as Figure 1.
- 1.1.2 The report presents the findings of the desk study research carried out, together with the observations from a site walkover. The information presented in this report includes ground conditions at the site, historical development of the site, and preliminary land contamination risk assessment.
- 1.1.3 It should be noted that this Phase 1 is a land condition assessment and does not purport to be an ecological assessment, flood risk assessment or archaeological survey.
- 1.1.4 The site is not within a Coal Authority Reporting Area or mining area and therefore a separate Coal Authority CON29M Report is not required. Similarly a Coal Mining Risk Assessment Report (CMRA) will not be required as the site is outside a Development High Risk Area.

## 1.2 Proposed Development

- 1.2.1 It is understood that the proposed development at the site will comprise a convenience store with associated access, car parking, delivery area and landscaping. A plan showing the proposed development is presented as Figure 2.

## 1.3 Objectives

- 1.3.1 The objectives of this report are to:
- Determine likely existing environmental ground conditions and site sensitivity, including contamination, geological, hydrogeological and hydrological conditions, through a site visit and a review of third-party reports; and,
  - present a preliminary conceptual site model identifying the potential risk to human health and controlled waters by virtue of any potential contamination at the site.

## 1.4 Limitations of Report

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## 2 METHODOLOGY

### 2.1 Introduction

2.1.1 The underlying principle in land contamination assessment is the evaluation of pollutant linkages to assess whether the presence of a source of contamination could potentially lead to harmful consequences. A pollutant linkage consists of the following three elements:

- A source of contamination or hazard that has the potential to cause harm or pollution;
- a pathway for the hazard to move along / generate exposure; and,
- a receptor which is affected by the hazard.

2.1.2 For each potential pollutant linkage identified the risk is estimated through consideration of the magnitude of the potential consequences and the likelihood or probability of an event occurring.

2.1.3 The environmental sensitivity of the site and the surrounding areas, and potential risks to receptors have been assessed using maps, information databases, information obtained from site walkover and other literature resources available, as listed in Section 2.3.

2.1.4 A qualitative assessment of potential risks has been undertaken based on desk study information and preliminary conceptual site model is described in Section 5.

### 2.2 Guidance

2.2.1 The following guidance was followed in production of this assessment:

- Model Procedures for the Management of Land Contamination, CLR11 (DEFRA and Environment Agency 2004); and,
- BS10175:2011+A2:2017 Investigation of Potentially Contaminated Sites: Code of Practice (BSI 2017).

### 2.3 Information Sources

2.3.1 The sources of information used to determine environmental conditions, site sensitivity and site use (current and historical) are detailed below.

- A site walkover carried out by a consultant from RPS to observe existing conditions both on site and the immediate surrounding land;
- Landmark Envirocheck Report, dated 15 October 2018. Reference number: 183076277\_1\_1. Full report included in Appendix 2, (herein referred to as the “Envirocheck Report”);
- British Geological Survey (BGS) geology map, Sheet 218, Chipping Norton, solid and drift edition (1:50,000);
- Online BGS geology map viewer;
- Coal Authority interactive map viewer;
- Oxfordshire County Council online planning portal; and
- information available on statutory websites were reviewed and used in the assessment.

## 3 SITE DESCRIPTION AND ENVIRONMENTAL SETTING

### 3.1 Site Walkover and Reconnaissance

- 3.1.1 A site reconnaissance visit was carried out by consultant from RPS on 9th October 2018. The purpose of the site visit was to observe the current site conditions, identify potential sources of contamination and visual indications of possible historical contamination at the site. Selected photographs taken during the site visit are provided in Appendix 1.
- 3.1.2 Information obtained from the site walkover is presented in the following table.

**Table 3.1: Site Walkover Information**

Site Walkover	
Site Reference	Land at Cotefield Business Park, Oxford Road, Bodicote.
National Grid Reference	446820E 237490N
Walkover Date	9 <sup>th</sup> October 2018
Size and Dimensions	0.53 hectares (ha)
Current Land Use	Open / previously developed brownfield land.
Structures	At the time of the visit, the site was being used as a temporary site compound for the construction works for a nearby residential development beyond the site boundary. The site office compound and storage area for construction materials was noted in the northern half of the site. The southern part of the site was being used as a temporary car park.
Surface Cover	No hardstanding on site, however the Site is largely covered by Type 1 fill materials.
Topography	The northern part of the site is generally flat lying, which then slopes gently to the south. The eastern edge of the site is approximately 1.5 to 2m higher than the rest of the site.
Site Access	The site is accessed through a gate (padlocked).
Visual Signs of Potential Contamination	None observed, however it was observed that several vehicles park on the site.
Utilities	It was observed that a high voltage electric line is buried underground in the southern part of the site (running in a northwest to southeast direction in a landscaped area).
Land Use(s) within the Surrounding Area	<b>North</b> Access roads, soft landscape/empty land, Cotefield nurseries, car parking spaces.
	<b>South</b> Cotefield Business Park, commercial properties – JS Fine Art, Car scrap and garage (to the southwest)
	<b>East</b> Oxford Road and soft landscaped areas.
	<b>West</b> Access road and soft landscape / empty land.
<b>Further Information</b>	
Storage/Tanks	No storage tanks were observed on site. Construction workers indicated that no fuel or chemical are presently stored on site.
Waste	Not observed.
Asbestos Containing Materials (ACMs)	Not observed. No buildings / structures were present on site.
Invasive Species	Not observed.

Site Walkover	
<b>Potential Subsidence</b>	None identified.
<b>Restrictions for Phase 2 Intrusive Investigations</b>	With the exception of the high voltage line, no restrictions were observed, except for the soft landscaped area in the southern part of the site. The location of the high voltage electric line buried underground should be appropriately traced, marked and avoided during any site investigation works or construction.
<b>Surface Waters</b>	A drain is located immediately west of the site, with a northeast to southwest orientation.
<b>Evidence of Previous Investigations</b>	It is understood that a water well, indicated to be 35m deep is present on site. It is understood that the well is monitored annually by the Environment Agency for groundwater contamination, but no contamination has been detected and no water chemistry data has been reviewed.

## 3.2 Geology

- 3.2.1 The British Geological Survey, Map Sheet 218, Chipping Norton, 1:50,000, solid and drift edition indicates that no superficial deposits are present at the site. The site is indicated to be directly underlain by solid geology comprising Marlstone Rock Formation (Ferruginous Limestone and Ironstone)
- 3.2.2 Based on the site walkover observations, some limited made ground is anticipated to be present at the site.
- 3.2.3 Historical exploratory logs held by the BGS were accessed via their website (publicly available). One borehole record (BGS borehole reference SP43NE254) was found within the site, which refers to a groundwater abstraction well. Other historical logs located near the site recorded bedrock at shallow depths, ranging between approximately 0.4m and 2.2m below ground level (bgl). The logs indicate that bedrock generally comprised ironstone and siltstone with localised 'clay' layers.

## 3.3 Hydrogeology

- 3.3.1 According to the Envirocheck report, the Environment Agency classifies the solid geology (Marlstone Rock Formation) beneath the site as Secondary 'A' Aquifer. This designation indicates 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.
- 3.3.2 No groundwater source protection zones (SPZ) are recorded within 1km of the site.
- 3.3.3 The Envirocheck report records a groundwater abstraction point in the western part of the site, which is operated by Mr R Bratt (Environment Agency license number 28/39/14/0314). It has a daily abstraction rate of 109m<sup>3</sup> which is used for agricultural vegetable wash. The permit started in July 1992; the permit end date is not supplied. This abstraction point appears to correspond with the BGS borehole reference SP43NE254, which was installed at the site in 1990. Records of the borehole indicates that groundwater was encountered at 18m depth bgl. Pumping tests carried out in the borehole in July 1991 resulted in a yield of 4.55 m<sup>3</sup>/hr. A copy of this borehole record is presented in Appendix 3.

## 3.4 Hydrology

- 3.4.1 During the site walkover, a drain was identified immediately west of the site.
- 3.4.2 The nearest surface water course is the Sor Brook, located approximately 750m southwest of the site. Envirocheck report indicates that the brook had River Quality B in the year 2000.
- 3.4.3 The site is defined as being in Flood Zone 1 by the Environment Agency, which indicates that the site has a low probability of flooding.



3.4.4 The nearest recorded surface water abstraction point is located approximately 870m southwest of the site. It is operated by Thames Water Utilities Ltd and is used for portable water supply.

### 3.5 Landfill and Waste

3.5.1 The Envirocheck report does not identify any landfills or waste management sites within 1km of the site.

3.5.2 An area of potentially infilled land (pit, quarry etc) is recorded approximately 980m east of the site.

### 3.6 Sensitive Land Uses

3.6.1 The site is located within a nitrate vulnerable zone, with regards to surface water.

### 3.7 Pollution Incidents

3.7.1 Two pollution incidents to controlled waters are recorded within 500m of the site, as presented below:

- Category 2 (Significant Incident), located 467m northwest of the site. The incident occurred in February 1998 and it involved 'general' pollutant. The receiving water feature is not given.
- Category 3 (Minor Incident), located 473m west of the site. The incident occurred in December 1994 and it involved 'unknown oil' pollutant. The receiving water feature is not given.

3.7.2 Three other Category 3 (Minor Incidents) are recorded between 600m and 900m from the site.

### 3.8 Discharge Consents

3.8.1 The Envirocheck report lists three discharge consents within 500m of the site, as summarised in the following table.

**Table 3.2: Discharge Consents within 500m of the Site**

Operator	Site Location	Discharge Type	Dates	Receiving Water	Distance from Site
Mr C. Hathaway	No 1 Victoria Cottages, OX15 4AH	Sewage discharges – treated effluent (not water company)	Effective from October 1998 (revocation date not supplied)	Tributary of the Sor Brook	84m northwest
Mr. J.F.A. Jobson	2 Victoria Cottages, OX15 4AH	Sewage discharges – treated effluent (not water company)	Effective from July 1998 (revocation date not supplied)	Tributary of the Sor Brook	102m northwest
Thames Water Utilities Ltd	Blackwood Place	Sewage discharges – pumping station (water company)	Effective from November 1989 (revoked in November 1997)	Oxford canal	261m northwest

### 3.9 Radon

3.9.1 The Envirocheck report indicates that the site is in an intermediate probability radon area, and therefore basic radon protection measures are necessary in the construction of new dwellings or extensions.

### 3.10 Planning Portal Search

3.10.1 A search of the planning portal for Oxfordshire County Council was undertaken to find out if the County Council holds records of any planning applications relating to the site. No relevant information was obtained.

### 3.11 Regulatory Enquiries

- 3.11.1 RPS sent enquires to Oxfordshire County Council and the Environment Agency, to seek any information on land contamination and groundwater contamination, respectively, relating to the site.
- 3.11.2 No responses had been received at the time this report was issued.

## 4 SITE HISTORY

### 4.1 Introduction

4.1.1 Historical maps obtained as part of the Envirocheck report were reviewed to identify historical features on site and within the immediate surrounding land. Copies of the historical maps are included in Appendix 2.

### 4.2 The Application Site

4.2.1 The earliest available historical map dated 1882 identifies the site as an open / undeveloped land, with some scattered trees. No significant changes were recorded at the site until the map of 1967, which shows that most of the trees at the site had been cleared. By 1996, an access road had been constructed along the northern boundary of the site; the road extended into the north-western part of the site. The aerial photography map of 1999 shows what appears to be gravel fill materials covering most of the site surface. In addition, the area along the south-western boundary of the site formed part of the tilled agricultural land which is shown to the west of the site. No significant changes were recorded on the maps for subsequent years until the latest map dated 2018.

### 4.3 Surrounding Land

4.3.1 The majority of the immediate surrounding land has remained open / undeveloped land since the early 1880s. The following key features were first shown on the historical maps given below (the distances stated are approximate):

- Map of 1882 – a road (along the eastern site boundary), Cotefield House (80m southeast);
- Map of 1990 – unlabelled buildings structures (60m north and 100m north), Bodicote Lodge (260m northwest);
- Map of 1923 – unlabelled building structures (60m west), a lodge (60m east);
- Map of 1967 – residential development from 70m northwest;
- Map of 1973 – Cotefield Farm (80m east);
- Map of 1994 – a building (Cotefield Farm) was shown 20m south; and
- Map of 1996 – access road shown to the north of the site. Bodicote Park Rugby Ground (100m northeast).

## 5 PRELIMINARY CONCEPTUAL SITE MODEL

### 5.1 Introduction

5.1.1 The model procedures for the management of land contamination (also known as 'Contaminated Land Report 11' or 'CLR11') was developed to provide technical framework for applying a risk management process when assessing land contamination. In accordance with the guidance presented in CLR11, RPS has adopted a staged approach to risk assessment and this report presents a Tier 1 preliminary (qualitative) assessment. A preliminary conceptual site model (CSM) is presented as Figure 3.

### 5.2 Potential Sources of Contamination

5.2.1 No indications of contamination were identified at the site during the walkover. In addition, no significant potential sources of contamination have been identified from the site's historical uses. However, it is considered that the made ground on site and ongoing use of the site as a compound for construction works (including car parking) could provide limited/localised potential contamination source.

### 5.3 Potential Pathways and Receptors

5.3.1 Potential pathways for any contamination present at the site and the subsequent receptors are presented in the following table.

<i>Potential Source</i>	<i>Human Health</i>					<i>Controlled Waters</i>				<i>Property</i>	
	<i>Direct Exposure</i>	<i>Produce Ingestion</i>	<i>Indoor Inhalation</i>	<i>Gas Migration to Indoor Air (explosion or asphyxiation)</i>	<i>Permeation of Water Supplies</i>	<i>Migration through Unsaturated Zone</i>	<i>Migration through Saturated Zone</i>	<i>Migration to Surface Water</i>	<i>Surface Run-off</i>	<i>Direct Contact with Concrete</i>	<i>Ingestion by Livestock, Crop</i>
<b>Potential localised contamination</b> Metals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	-	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
Acids, Alkalis, Sulphates	<input checked="" type="checkbox"/>	<input type="checkbox"/>	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-
Volatile Hydrocarbons	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-Volatile Hydrocarbons	<input checked="" type="checkbox"/>	<input type="checkbox"/>	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
Asbestos	<input checked="" type="checkbox"/>	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Methane	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	-	-	-	-	-

## 6 CONCLUSIONS AND RECOMMENDATIONS

6.1.1 The assessment has identified potential pollutant linkages using the information on potential contamination source, receptors and exposure pathways, as presented in the preceding section. The preliminary risks associated with the preliminary CSM are summarised in the following table.

Receptor	Risk Summary	Risk Classification
Human Health	<p>Potential risks from the made ground on site and current use of the site as a compound for construction works and car parking may provide source of contamination, including:</p> <ul style="list-style-type: none"> <li>Metals, hydrocarbons (TPH &amp; PAHs), asbestos, acids/alkalis and sulphates.</li> </ul>	Low - Moderate
Controlled Waters <i>(especially the existing abstraction well at the site)</i>	<p>The bedrock Secondary 'A' Aquifer underlying the site (Marlstone Rock Formation) is considered a sensitive receptor. Therefore, any contamination identified on site could pose a risk to the aquifer.</p> <p>An abstraction well is located in the western part of the site, which could cause a preferential exposure pathway. However, information obtained during site walkover indicates that the Environment Agency monitors the abstraction well annually, and no groundwater contamination has been noted.</p>	Low - Moderate
	<p>Although a drain is located immediately west of the site, the nearest surface water feature (the Sor Brook) is located approximately 750m south-west of the site. Therefore, no significant risk to surface water receptors is anticipated.</p>	Low
Proposed Property	There may be some risk to concrete by aggressive ground conditions.	Low - Moderate
Ecology	No significant ecologically sensitive land uses are recorded at the site and within the immediate surrounding land. Therefore, no plausible risk to ecological receptors is anticipated.	Low
Summary of Conclusions	<p>No indications of site contamination were identified at the during the walkover. In addition, no historical development has been recorded at the site; and therefore, no significant potential sources of contamination have been identified from the site's historical uses. It is understood that no groundwater contamination has been noted in the abstraction well present at the site.</p> <p>However, it is considered that made ground and the current use of the site as a site compound for construction works and car parking may provide a potential source of general contamination. It is considered that if present, the contamination is likely to be limited and localised.</p> <p>The overall preliminary risk associated with site contamination (if present) is considered low to moderate.</p>	

### Recommendations for Further Assessment

An intrusive site investigation is recommended for the proposed commercial development. The investigation should include due diligence geochemical sampling on a medium density non-targeted approach, provide an assessment of ground gas risk, and geotechnical assessment for the foundations of the proposed structures and pavement/car park design.

## 7 REFERENCES

British Standards Institute (2007). Investigation of Potentially Contaminated Sites: Code of Practice (BS10175:2011+A2:2017)

DEFRA and Environment Agency (2004). Model Procedures for the Management of Land Contamination, CLR11.

DEFRA. (2008). Guidance on the Legal Definition of Contaminated Land.

Department of Environment (1995) Industry Profiles.

Landmark Information Group (2018). Envirocheck Report, Reference number: 183076277\_1\_1 (dated 16 October 2018).

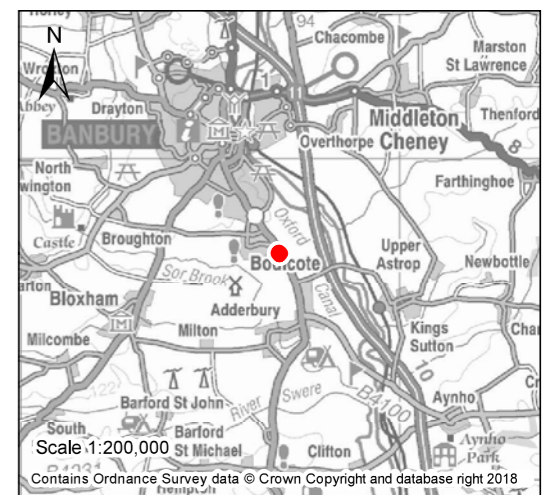


**FIGURES**



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**Legend**  
 Site location



Rev	Description	Date	Initial	Checked



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**Client** Cotefield Holdings Limited  
**Project** Cotefield Farm, Bodicote  
**Title** Site Location Plan

**Status** FINAL **Drawn By** KAG **PM/Checked By** ED  
**Job Ref** JER1600 **Scale @ A3** 1:10,000 **Date Created** OCT 18

**Figure Number** 1 **Rev** -

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\\bris-aw-fs-01\Projects\JER1600 - Cotefield Farm\4. Drawings\1. RPS Drawings\MXD\Phase1\JER1600\_M\_001 - SiteLocationPlan.mxd

\\bris-aw-fs-01\Projects\JER1600 - Cotefield Farm\4. Drawings\1. RPS Drawings\MXD\Phase1\JER1600\_M\_001 - SiteLocationPlan.mxd





Dropped kerbs, tactile paving and central island adjusted to accommodate signals

Existing 1.8m wide footway realigned

Existing 1.2m wide footway realigned

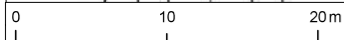
120 forward visibility splay to primary signal head

Convenience Store

Service Yard

OXFORD ROAD

Cotefield Farm



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**Legend**

 Site boundary

**Landscape**

 Existing Tree

 Proposed New Tree Planting

 Existing Hedge

Rev	Description	Date	Initial	Checked



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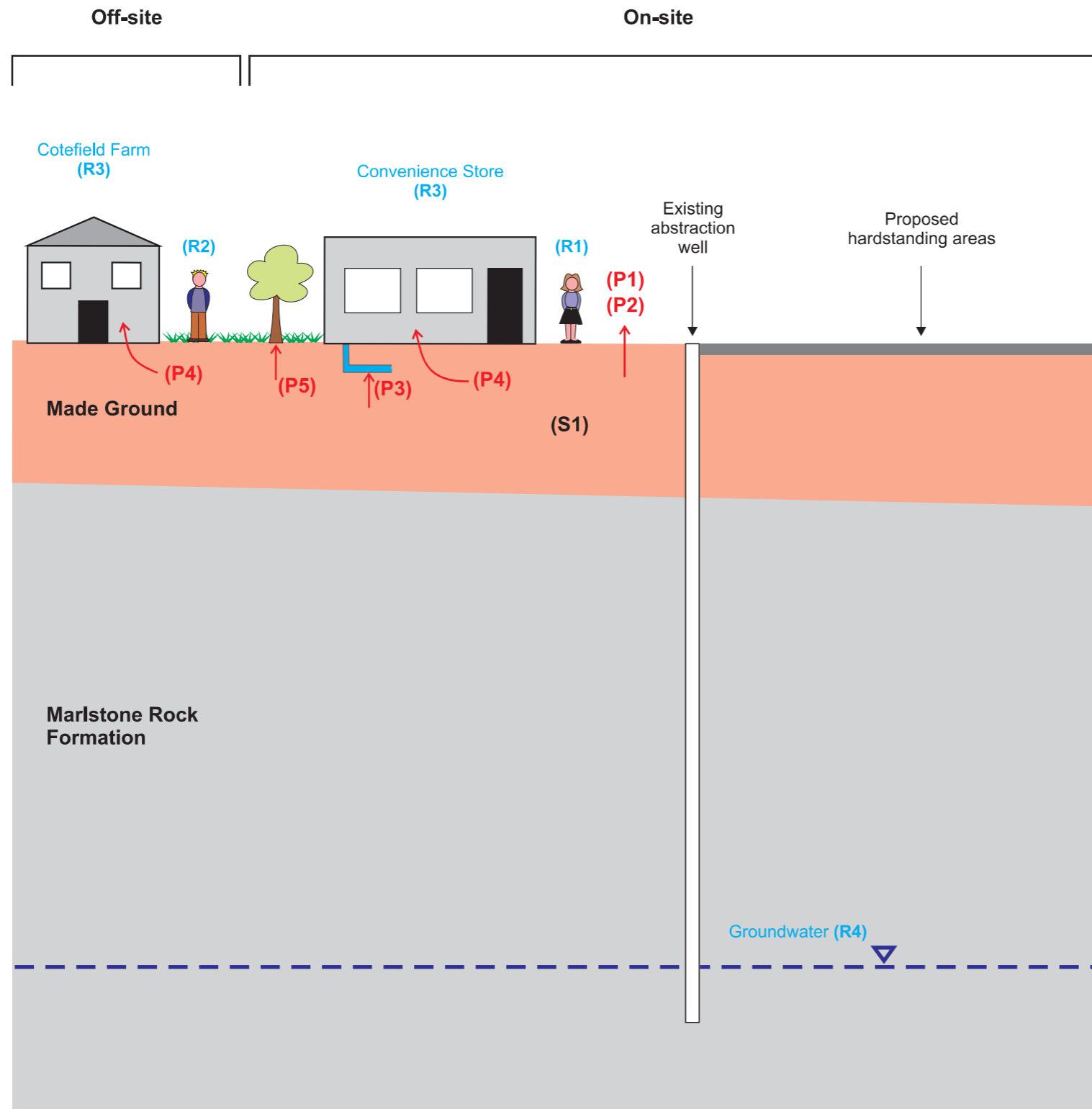
Project **Cotefield Farm, Bodicote**

Title **Proposed Development Plan**

Status **FINAL** Drawn By **KAG** PM/Checked By **ED**

Job Ref **JER1600** Scale @ A3 **1:500** Date Created **OCT 18**

Figure Number **2** Rev **-**



**Sources**

- (S1)** Possible sources - Asbestos  
 - PAHs  
 - Alkalis  
 - Sulphates  
 - Metals  
 - Hydrocarbons

**Receptors**

- (R1)** Human health on site;  
**(R2)** Human health off site;  
**(R3)** Property; and  
**(R4)** Controlled Waters.

**Potential Pathways**

- (P1)** Dermal contact or ingestion of soil and dust;  
**(P2)** Inhalation of dust;  
**(P3)** Permeation to water supply pipes and consumption by site users;  
**(P4)** Migration of explosive/asphyxiant gases into properties; and  
**(P5)** Phytotoxic risk.

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**Legend**

- (S1) Source
- (R1) Receptors
- (P1) Potential Pathways
- ▽ Water Level




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Client **Cotefield Holdings Limited**

Project **Cotefield Farm, Bodicote**

Title **Preliminary Conceptual Site Model**

Status **FINAL** Drawn By **KAG** PM/Checked By **ED**

Job Ref **JER1600** Scale @ **A3** Date Created **OCT 18**

Figure Number **3** Rev **-**

[rpsgroup.com/uk](http://rpsgroup.com/uk)



**APPENDICES**

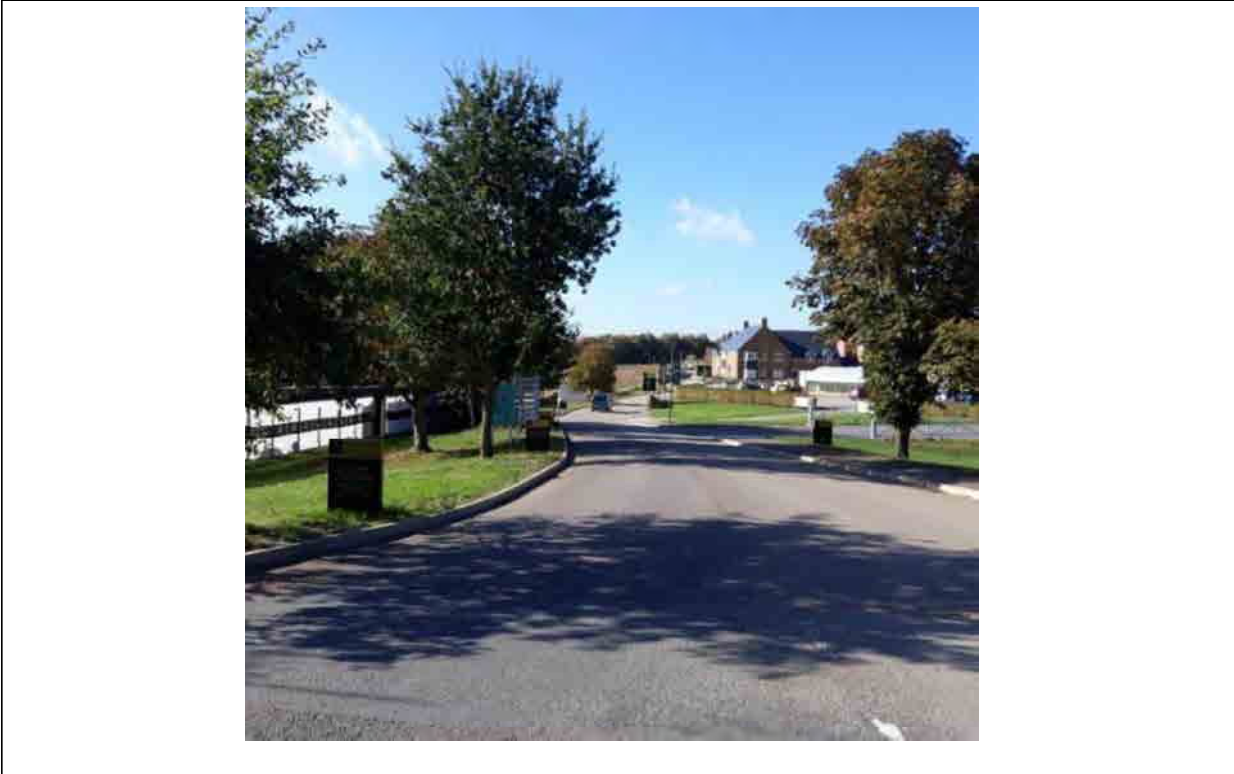
## Appendix 1

### Site Walkover Photographs



**JER1600 – Cotefield Farm, Oxford Road, Bodicote**

**Selected Site Photographs from Site Walkover**



**Photo 1: View from NE to SW (access to the site from A4260 road)**



**Photo 2: View from SW to NE (access to the site from A4260). The site is the fenced area to the right**



**Photo 3: View from SW to NE of the car park, adjacent to the fenced area used for storage of construction materials**



**Photo 4: View from SE to NW of the car park and fenced storage area**



**Photo 5: View inside the fenced storage area, looking SW to NE**



**Photo 6: View inside the storage area, looking towards the gate that leads to the adjacent unfenced area used as a car park**



**Photo 7: View of other construction materials stored on site**



**Photo 8: Looking towards JS Fine Arts property**





**Photo 9: View of the electrical line running along the soft landscaped area in the southern part of the site**



**Photo 10: View of the eastern part of the site used as a car park**

**Appendix 2**

**Landmark Envirocheck Report**



## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

183076277\_1\_1

**Customer Reference:**

JER1600

**National Grid Reference:**

446820, 237490

**Slice:**

A

**Site Area (Ha):**

0.53

**Search Buffer (m):**

1000

#### Site Details:

Cotefield Farm

Oxford Road

Bodicote

BANBURY

#### Client Details:

Ms J Colam

RPS Consultants

Belford House

3rd Floor

59 Belford Road

Edinburgh

EH4 3DE

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	9
Hazardous Substances	-
Geological	10
Industrial Land Use	13
Sensitive Land Use	16
Data Currency	17
Data Suppliers	23
Useful Contacts	24

## Introduction

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

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## Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		2	1	3
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3				Yes
Pollution Incidents to Controlled Waters	pg 3			2	3
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 4				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 4	1			1 (*4)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 5	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 5	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				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 6				26

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 9	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 9				1
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
<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					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 10	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 10	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 11				1
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 12	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 12	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 12		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 12	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 12	Yes	n/a	n/a	n/a
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 13		1	5	10
Fuel Station Entries					
Points of Interest - Commercial Services	pg 14				1
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 14				6
Points of Interest - Public Infrastructure	pg 15				2
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 16	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (SW)	0	1	446820 237492
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	87	1	446700 237450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	156	1	446650 237400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	158	1	446750 237300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	198	1	446850 237250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	225	1	446700 237250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	226	1	446600 237350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	252	1	446750 237200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	290	1	446500 237400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	310	1	446500 237350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	327	1	446450 237450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	338	1	446450 237400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	373	1	446400 237492
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	449	1	446350 237650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	467	1	446350 237700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	494	1	446820 236950
1	<b>Discharge Consents</b> Operator: Mr. C. Hathaway Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: No 1 Victoria Cottages Oxford Road Bodicote Banbury Oxfordshire Ox15 4ah Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM,3529 Permit Version: 1 Effective Date: 27th October 1998 Issued Date: 4th May 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The Sor Brook <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	A13NW (NW)	84	2	446770 237610

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: Mr. J.F.A. Jibson  Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)  Location: 2 Victoria Cottages,Oxford Road,Bodicote,Banbury,Oxfordshire,Ox15 4ah  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CATM.3317  Permit Version: 1  Effective Date: 10th July 1998  Issued Date: 10th July 1998  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: A Tributary of The Sor Brook  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13NW (NW)	102	2	446750 237620
2	<p><b>Discharge Consents</b></p> <p>Operator: Thames Water Utilities Ltd  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Blackwood Place  Authority: Environment Agency, Thames Region  Catchment Area: Not Supplied  Reference: Temp.0473  Permit Version: 1  Effective Date: 2nd November 1989  Issued Date: 2nd November 1989  Revocation Date: 25th November 1997  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Canal  Environment:  Receiving Water: Oxford Canal  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NW (NW)	261	2	446600 237700
3	<p><b>Discharge Consents</b></p> <p>Operator: Thames Water Utilities Ltd  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Malthouse Lane  Authority: Environment Agency, Thames Region  Catchment Area: Not Supplied  Reference: Temp.1442  Permit Version: 1  Effective Date: 2nd November 1989  Issued Date: 2nd November 1989  Revocation Date: 25th November 1997  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Sor Brook  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	923	2	445900 237800
4	<p><b>Discharge Consents</b></p> <p>Operator: Emma Stevens (J B Stevens And Son)  Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY  Location: Manor Farm Twyford Road, Twyford Banbury Oxfordshire Ox17 3jl  Authority: Environment Agency, Thames Region  Catchment Area: Cherwell and Ray (Oxon)  Reference: Cawm,1417  Permit Version: 2  Effective Date: 21st December 2012  Issued Date: 21st December 2012  Revocation Date: 25th May 2017  Discharge Type: Trade Discharge - Process Water  Discharge: Into Land  Environment:  Receiving Water: Groundwater Via Soakaway  <b>Status: Surrendered under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14SE (E)	932	2	447783 237302

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p><b>Discharge Consents</b></p> <p>Operator: Emma Stevens (J B Stevens And Son)  Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY  Location: Manor Farm Twyford Road, Twyford Banbury Oxfordshire Ox17 3Jl  Authority: Environment Agency, Thames Region  Catchment Area: Cherwell and Ray (Oxon)  Reference: Cawm.1417  Permit Version: 1  Effective Date: 1st November 2006  Issued Date: 1st November 2006  Revocation Date: 20th December 2012  Discharge Type: Trade Discharge - Process Water  Discharge: Into Land  Environment:  Receiving Water: Groundwater Via Soakaway  <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</p>	A14SE (E)	932	2	447783 237302
	<p><b>Nearest Surface Water Feature</b></p>	A12NE (W)	512	-	446265 237556
5	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given  Location: BANBURY  Authority: Environment Agency, Thames Region  Pollutant: General  Note: Not Supplied  Incident Date: 5th February 1998  Incident Reference: 37877  Catchment Area: Not Given  Receiving Water: Not Given  Cause of Incident: Not Given  Incident Severity: Category 2 - Significant Incident  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	467	2	446350 237700
6	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given  Location: BODICOTE  Authority: Environment Agency, Thames Region  Pollutant: Oils - Unknown  Note: Confirmed As A Pollution Incident  Incident Date: 30th December 1994  Incident Reference: W1940003  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</p>	A12NE (W)	473	2	446300 237500
7	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given  Location: KINGS SUTTON  Authority: Environment Agency, Thames Region  Pollutant: Chemicals - Unknown  Note: Confirmed As A Pollution Incident  Incident Date: Not Supplied  Incident Reference: W1920330  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</p>	A14NE (E)	631	2	447500 237500
8	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given  Location: ADDERBURY  Authority: Environment Agency, Thames Region  Pollutant: Agricultural: General  Note: Confirmed As A Pollution Incident  Incident Date: 19th January 1993  Incident Reference: W1930026  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</p>	A7NE (SW)	683	2	446400 236900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Bodicote Mill, BODICOTE Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 29th July 1996 Incident Reference: W1960357 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Unknown	A12SW (W)	894	2	445930 237200
	<b>River Quality</b> Name: Sor Bk GQA Grade: River Quality B Reach: Source - Bloxham Bk Estimated Distance (km): 22.7 Flow Rate: Flow less than 0.62 cumecs Flow Type: River Year: 2000	A7SE (SW)	916	2	446344 236658
10	<b>Water Abstractions</b> Operator: Mr R Bratt Licence Number: 28/39/14/0314 Permit Version: 100 Location: Cotefield Farm, Bodicate, Banbury, Oxon Authority: Environment Agency, Thames Region Abstraction: Agricultural Vegetable Wash Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 109 Yearly Rate (m3): 20000 Details: Middle Lias Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th July 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NW (W)	0	2	446800 237500
11	<b>Water Abstractions</b> Operator: Thames Water Utilities Ltd Licence Number: 28/39/14/0234 Permit Version: 100 Location: Bodicote Pumping Station - Sor Brook Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 4546 Yearly Rate (m3): 1663836 Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th February 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	869	2	446000 237100
	<b>Water Abstractions</b> Operator: C R Adams & Sons Licence Number: 28/39/14/0008 Permit Version: 100 Location: Bloxham Grove, Bodicote (A) Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 7 Yearly Rate (m3): 1818 Details: Bloxham Grove, Bodicote Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th May 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6SE (SW)	1279	2	445700 236800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: H Colegrave & Son Licence Number: 28/39/14/0296 Permit Version: 100 Location: Wykham Park Farm, Banbury, Oxon (Point A) - Trib.Of.Sor Broo Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 818 Yearly Rate (m3): 27276 Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 18th July 1984 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NW (W)	1602	2	445200 237800
	<b>Water Abstractions</b> Operator: K J Cherry & Sons Ltd Licence Number: 28/39/14/0206 Permit Version: 100 Location: Sutton Lodge, Twyford (L) Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th April 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1731	2	448600 237500
	<b>Water Abstractions</b> Operator: K J Cherry & Sons Ltd Licence Number: 28/39/14/0206 Permit Version: 100 Location: Sutton Lodge, Twyford (A) Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 27 Yearly Rate (m3): 4546 Details: Lias (Undifferentiated) Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th April 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24NE (NE)	1842	2	447800 239100
	<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 30 Northern Cotswolds Scale: 1:100,000	A13NW (SW)	0	2	446820 237492
	<b>Drift Deposits</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13NW (SW)	0	3	446820 237492
	<b>Superficial Aquifer Designations</b> No Data Available				
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				
	<b>Flooding from Rivers or Sea without Defences</b> None				
	<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
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 172.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	512	4	446265 237556
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 488.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	529	4	446274 237320
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 49.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SW)	578	4	446524 236943
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SW)	597	4	446558 236904
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 129.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SW)	650	4	446391 236950
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 185.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sor Brook Catchment Name: Thames Primacy: 1	A7NE (SW)	741	4	446359 236860
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sor Brook Catchment Name: Thames Primacy: 1	A7NE (SW)	755	4	446386 236821
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1052.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sor Brook Catchment Name: Thames Primacy: 1	A7SE (SW)	761	4	446396 236807
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7SE (SW)	762	4	446396 236807

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 108.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7SE (SW)	764	4	446395 236806
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 61.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SW)	777	4	446301 236860
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 415.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sor Brook Catchment Name: Thames Primacy: 1	A7NE (SW)	793	4	446233 236904
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A7NE (SW)	793	4	446233 236904
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 19.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A7NE (SW)	795	4	446232 236901
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 31.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SW)	796	4	446245 236887
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 173.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SW)	807	4	446217 236901
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (SW)	871	4	446067 236987
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 76.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sor Brook Catchment Name: Thames Primacy: 1	A12SW (W)	923	4	445917 237154

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 78.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A7NW (SW)	926	4	445928 237119
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 32.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	935	4	445892 237185
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sor Brook Catchment Name: Thames Primacy: 1	A12SW (W)	935	4	445892 237185
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 49.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sor Brook Catchment Name: Thames Primacy: 1	A12SW (W)	951	4	445877 237179
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12SW (W)	951	4	445877 237179
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 93.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sor Brook Catchment Name: Thames Primacy: 1	A12SW (W)	973	4	445841 237220
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12SW (W)	976	4	445841 237207
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 132.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12SW (W)	979	4	445839 237208



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: Cherwell District Council - Has supplied landfill data		0	5	446820 237492
	<b>Local Authority Landfill Coverage</b> Name: Oxfordshire County Council - Has supplied landfill data		0	6	446820 237492
38	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A15SW (E)	982	-	447846 237385

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Lias Group	A13NW (SW)	0	1	446820 237492
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 60 - 120 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: >180mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 80 - 100 mg/kg	A13NW (SW)	0	1	446820 237492
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: >120 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: >180mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: >100 mg/kg	A13NE (E)	131	1	447000 237492
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (SW)	394	1	446527 237173
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A8NW (S)	471	1	446671 236995
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 60 - 120 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 120 - 180 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 60 - 80 mg/kg	A18SE (NE)	477	1	447021 237971
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A7NE (SW)	779	1	446281 236875

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: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	783	1	446056 237185
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 60 - 120 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium >180mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 80 - 100 mg/kg Concentration:	A7NE (SW)	827	1	446243 236845
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (S)	892	1	446558 236590
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic >120 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium >180mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel >100 mg/kg Concentration:	A7NW (SW)	953	1	446095 236818
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 60 - 120 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium >180mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel >100 mg/kg Concentration:	A17SW (NW)	980	1	445929 238000
39	<b>BGS Recorded Mineral Sites</b> Site Name: Manor Farm Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 57065 Type: Opencast <b>Status: Ceased</b> Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Marlstone Rock Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	967	1	447830 237379
	<b>BGS Measured Urban Soil Chemistry</b> No data available				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<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	A13NW (SW)	0	1	446820 237492
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	446820 237492
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	446820 237492
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	446820 237492
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	446820 237492
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	446820 237492
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	6	1	446785 237470
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	446820 237492
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	446820 237492

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bridge Motorsport Ltd            Location: 9, Blackwood Place, Bodicote, Banbury, OX15 4BD            Classification: Gearboxes            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	172	-	446699 237670
41	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Electrodomestic            Location: 8, Molyneux Drive, Bodicote, Banbury, Oxfordshire, OX15 4AJ            Classification: Domestic Appliances - Servicing, Repairs &amp; Parts            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	274	-	446541 237649
42	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Rotatec            Location: Flat 4, Woodlands, Weeping Cross, Bodicote, Banbury, Oxfordshire, OX15 4EG            Classification: Woodworking Machinery            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	284	-	446606 237739
43	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Uforia Heating            Location: 34, Rookery Close, Bodicote, Banbury, Oxfordshire, OX15 4BA            Classification: Boilers - Servicing, Replacements &amp; Repairs            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (NW)	334	-	446483 237667
44	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Connect Business Systems            Location: 40, Rookery Close, Bodicote, Banbury, Oxfordshire, OX15 4BA            Classification: Photocopiers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (NW)	392	-	446417 237664
45	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: In-House Cleaning Services            Location: 45a, Molyneux Drive, Bodicote, Banbury, Oxfordshire, OX15 4AX            Classification: Cleaning Services - Domestic            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	487	-	446289 237547
46	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Carebrick Uk Ltd            Location: 107, Hobby Road, Bodicote, Banbury, OX15 4GH            Classification: Damp &amp; Dry Rot Control            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	573	-	447036 238068
47	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Radiant Installs            Location: St. Tropez, East Street, Bodicote, Banbury, Oxfordshire, OX15 4EB            Classification: Under Floor Heating            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (NW)	584	-	446245 237752
48	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A1 Egg Packers Ltd            Location: 34, The Rydes, Bodicote, BANBURY, Oxfordshire, OX15 4EJ            Classification: Packaging &amp; Wrapping Equipment &amp; Supplies            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	600	-	446290 237859
49	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Furniture Doc Ltd            Location: 4, Broad End, Bodicote, Banbury, Oxfordshire, OX15 4QW            Classification: Furniture - Repairing &amp; Restoring            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	756	-	446396 238169
49	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Furniture Doc            Location: 4, Broad End, Bodicote, Banbury, Oxfordshire, OX15 4QW            Classification: Furniture - Repairing &amp; Restoring            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	756	-	446396 238169

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Kestrel Warranty Services            Location: 9, Park End, Bodicote, Banbury, Oxfordshire, OX15 4DF            Classification: Refrigerators &amp; Freezers - Servicing &amp; Repairs            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	767	-	446324 238131
51	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: T &amp; P Motors            Location: Chapel Lane, Bodicote, Banbury, OX15 4DB            Classification: Garage Services            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	803	-	446101 237942
51	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: T &amp; P Motors            Location: Chapel Lane, Bodicote, Banbury, Oxfordshire, OX15 4DB            Classification: Garage Services            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	806	-	446102 237949
52	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Heirloom Antique Restoration            Location: High st, Bodicote, Banbury, Oxfordshire, OX15 4BX            Classification: Antiques - Repairing &amp; Restoring            Status: <b>Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17SW (NW)	856	-	445989 237844
53	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: J P Lifting Ltd            Location: 32, Park End, Bodicote, Banbury, Oxfordshire, OX15 4DF            Classification: Crane Hire, Sales &amp; Service            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	931	-	446233 238268
54	<p><b>Points of Interest - Commercial Services</b></p> <p>Name: T &amp; P Motors            Location: Chapel Lane, Bodicote, Banbury, OX15 4DB            Category: Repair and Servicing            Class Code: Vehicle Repair, Testing and Servicing            Positional Accuracy: Positioned to address or location</p>	A17SW (NW)	807	7	446101 237949
55	<p><b>Points of Interest - Manufacturing and Production</b></p> <p>Name: Works            Location: OX15            Category: Industrial Features            Class Code: Unspecified Works Or Factories            Positional Accuracy: Positioned to address or location</p>	A17SW (NW)	804	7	446101 237944
55	<p><b>Points of Interest - Manufacturing and Production</b></p> <p>Name: Works            Location: Not Supplied            Category: Industrial Features            Class Code: Unspecified Works Or Factories            Positional Accuracy: Positioned to an adjacent address or location</p>	A17SW (NW)	806	7	446099 237944
56	<p><b>Points of Interest - Manufacturing and Production</b></p> <p>Name: Works            Location: Not Supplied            Category: Industrial Features            Class Code: Unspecified Works Or Factories            Positional Accuracy: Positioned to an adjacent address or location</p>	A17SW (NW)	826	7	446072 237940
56	<p><b>Points of Interest - Manufacturing and Production</b></p> <p>Name: Works            Location: OX15            Category: Industrial Features            Class Code: Unspecified Works Or Factories            Positional Accuracy: Positioned to an adjacent address or location</p>	A17SW (NW)	831	7	446067 237940
56	<p><b>Points of Interest - Manufacturing and Production</b></p> <p>Name: W M Bratt            Location: 20 High Street, Bodicote, Banbury, OX15 4BS            Category: Farming            Class Code: Arable Farming            Positional Accuracy: Positioned to address or location</p>	A17SW (NW)	869	7	446012 237922
56	<p><b>Points of Interest - Manufacturing and Production</b></p> <p>Name: W M Bratt            Location: 20 High Street, Bodicote, Banbury, OX15 4BS            Category: Farming            Class Code: Arable Farming            Positional Accuracy: Positioned to address or location</p>	A17SW (NW)	869	7	446012 237922

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	<b>Points of Interest - Public Infrastructure</b> Name: Sluice Location: OX15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	746	7	446298 236905
58	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: OX15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	982	7	445834 237213



# Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	<b>Nitrate Vulnerable Zones</b> Name: Cherwell (Ray To Thames) And Woodeaton Brook Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NW (SW)	0	3	446820 237492



Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> South Northamptonshire Council - Environment Division Cherwell District Council - Environmental Health Department	August 2013 October 2014	Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Anglian Region Environment Agency - Thames Region	July 2018 July 2018	Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Anglian Region Environment Agency - Thames Region	March 2013 March 2013	As notified As notified
<b>Integrated Pollution Controls</b> Environment Agency - Anglian Region Environment Agency - Thames Region	October 2008 October 2008	Variable Variable
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Anglian Region Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region	July 2018 July 2018 July 2018	Quarterly Quarterly Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> South Northamptonshire Council - Environmental Health Department Cherwell District Council - Environmental Health Department	December 2014 October 2014	Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> South Northamptonshire Council - Environmental Health Department Cherwell District Council - Environmental Health Department	December 2014 October 2014	Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> South Northamptonshire Council - Environmental Health Department Cherwell District Council - Environmental Health Department	December 2014 October 2014	Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	September 2017	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Anglian Region Environment Agency - Thames Region	September 1999 September 1999	Not Applicable Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Anglian Region Environment Agency - Thames Region	March 2013 March 2013	As notified As notified
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Anglian Region Environment Agency - Thames Region	March 2013 March 2013	As notified As notified
<b>Registered Radioactive Substances</b> Environment Agency - Anglian Region Environment Agency - Thames Region	January 2015 January 2015	
<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 - Anglian Region - Northern Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - West Area	July 2018 July 2018 July 2018	Quarterly Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - Anglian Region Environment Agency - Thames Region	July 2018 July 2018	Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region Environment Agency - Thames Region	October 2017 October 2017	Quarterly Quarterly
<b>Groundwater Vulnerability</b> Environment Agency - Head Office	April 2015	Not Applicable
<b>Drift Deposits</b> Environment Agency - Head Office	January 1999	Not Applicable
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	As notified
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	As notified
<b>Source Protection Zones</b> Environment Agency - Head Office	January 2018	Quarterly
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	August 2018	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	August 2018	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	August 2018	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	August 2018	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	August 2018	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	May 2018	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	October 2013	As notified
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	October 2013	As notified
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	October 2013	As notified
<b>Surface Water Suitability</b> Environment Agency - Head Office	October 2013	As notified
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	As notified

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 - Head Office	July 2018	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Anglian Region Environment Agency - Thames Region	October 2008 October 2008	Not Applicable Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Anglian Region - Northern Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - West Area	July 2018 July 2018 July 2018	Quarterly Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Northern Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - West Area	July 2018 July 2018 July 2018	Quarterly Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Cherwell District Council - Environmental Health Department Northamptonshire County Council Oxfordshire County Council South Northamptonshire Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Cherwell District Council - Environmental Health Department Northamptonshire County Council Oxfordshire County Council South Northamptonshire Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Registered Landfill Sites</b> Environment Agency - Anglian Region - Northern Area Environment Agency - Thames Region - West Area	March 2003 March 2003	Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Anglian Region - Northern Area Environment Agency - Thames Region - West Area	March 2003 March 2003	Not Applicable Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Anglian Region - Northern Area Environment Agency - Thames Region - West Area	March 2003 March 2003	Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Variable
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> Cherwell District Council Oxfordshire County Council South Northamptonshire Council Northamptonshire County Council	February 2016 February 2016 February 2016 November 2011	Variable Variable Variable Annual Rolling Update
<b>Planning Hazardous Substance Consents</b> Cherwell District Council Oxfordshire County Council South Northamptonshire Council Northamptonshire County Council	February 2016 February 2016 February 2016 May 2013	Variable Variable Variable Annual Rolling Update
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	October 2015	As notified
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2018	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	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	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	As notified
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	As notified
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	As notified
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	As notified
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	As notified
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	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



<b>Industrial Land Use</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Contemporary Trade Directory Entries</b> Thomson Directories	August 2018	Quarterly
<b>Fuel Station Entries</b> Experian Catalist	August 2018	Quarterly
<b>Gas Pipelines</b> National Grid	July 2014	
<b>Points of Interest - Commercial Services</b> PointX	September 2018	Quarterly
<b>Points of Interest - Education and Health</b> PointX	September 2018	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	September 2018	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	September 2018	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	September 2018	Quarterly
<b>Underground Electrical Cables</b> National Grid	December 2015	

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	August 2018	Bi-Annually
<b>Areas of Adopted Green Belt</b> Cherwell District Council	August 2018	As notified
<b>Areas of Unadopted Green Belt</b> Cherwell District Council	August 2018	As notified
<b>Areas of Outstanding Natural Beauty</b> Natural England	August 2018	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	August 2018	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	January 2018	Bi-Annually
<b>National Nature Reserves</b> Natural England	August 2018	Bi-Annually
<b>National Parks</b> Natural England	April 2017	Bi-Annually
<b>Nitrate Vulnerable Zones</b> Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
<b>Ramsar Sites</b> Natural England	August 2018	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	October 2018	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	August 2018	Bi-Annually
<b>Special Protection Areas</b> Natural England	August 2018	Bi-Annually

A selection of organisations who provide data within this report

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


Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>Cherwell District Council - Environmental Health Department</b> Bodicote House, Bodicote, Banbury, Oxfordshire, OX15 4AA	Telephone: 01295 252535 extn 4511 Fax: 01295 270028 Website: www.cherwell-dc.gov.uk
6	<b>Oxfordshire County Council</b> County Hall, New Road, Oxford, Oxfordshire, OX1 1ND	Telephone: 01865 792422 Fax: 01865 810106 Email: environmental.services@oxfordshire.gov.uk Website: www.oxfordshire.gov.uk
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	<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: radon@phe.gov.uk Website: www.ukradon.org
-	<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

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




## Geology 1:50,000 Maps Legends





### Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene

### Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WHM	Whitby Mudstone Formation	Mudstone	Not Supplied - Toarcian
	MRB	Marlstone Rock Formation	Ferruginous Limestone and Ironstone	Not Supplied - Pliensbachian
	DYS	Dyrham Formation	Siltstone and Mudstone, Interbedded	Not Supplied - Pliensbachian
	CHAM	Charmouth Mudstone Formation	Mudstone	Not Supplied - Sinemurian



### Geology 1:50,000 Maps

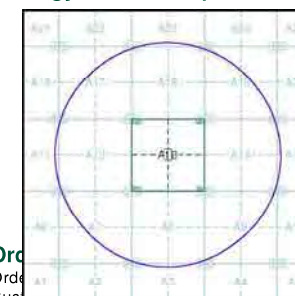
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:	218
Map Name:	Chipping Norton
Map Date:	1968
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

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



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Orde

Cus

National Grid Reference: 446820, 237490

Slice: A

Site Area (Ha): 0.53

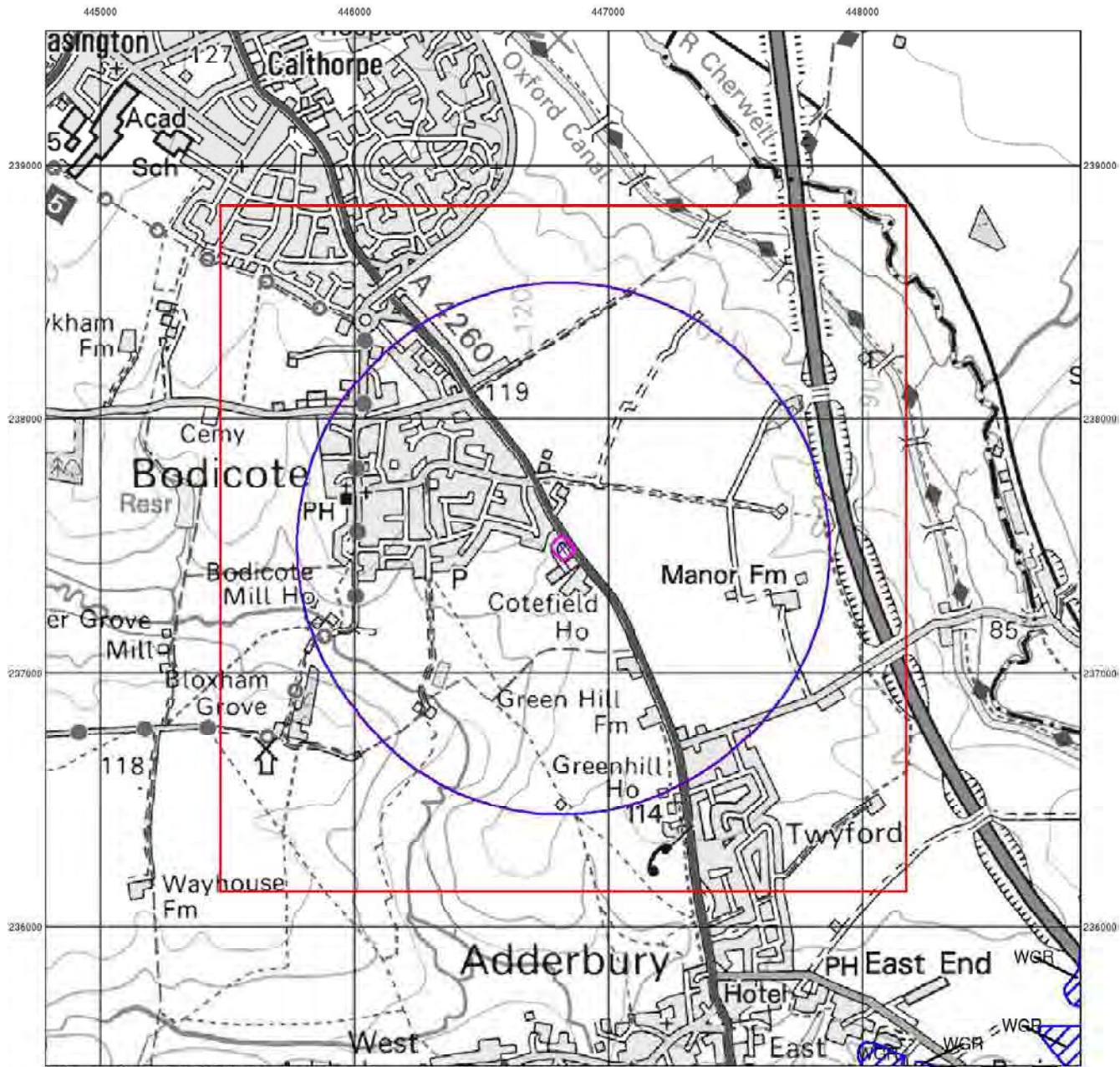
Search Buffer (m): 1000

### Site Details:

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**Landmark**  
INFORMATION GROUP

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### Artificial Ground and Landslip

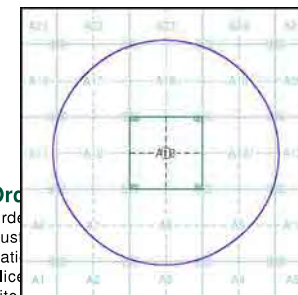
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



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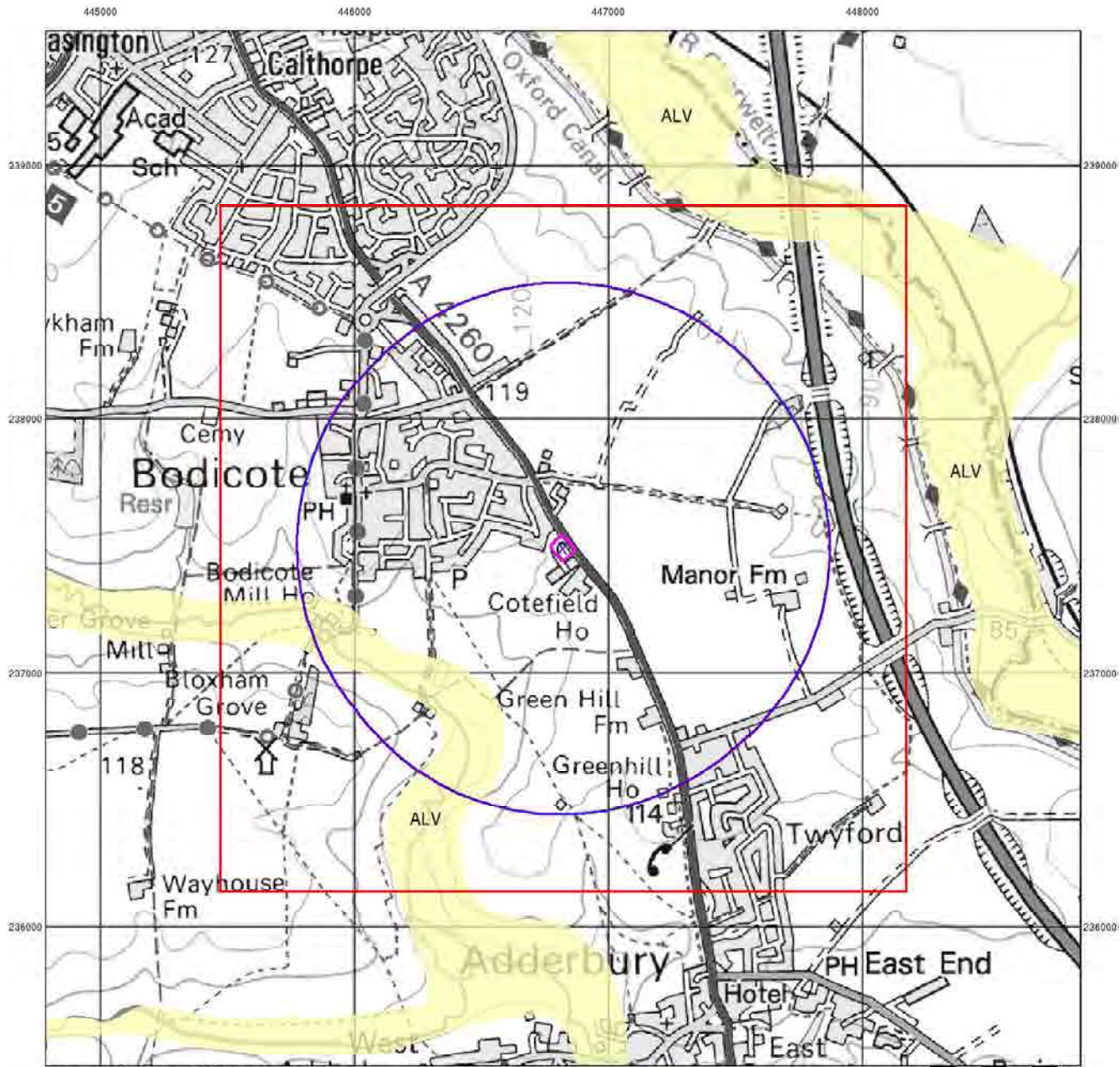
Search Buffer (m): 1000

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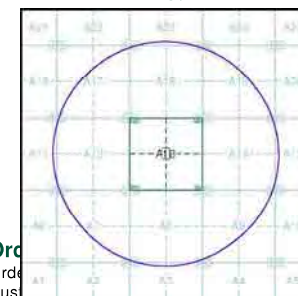
### Superficial Geology

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

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

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

### Superficial Geology Map - Slice A



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Ord  
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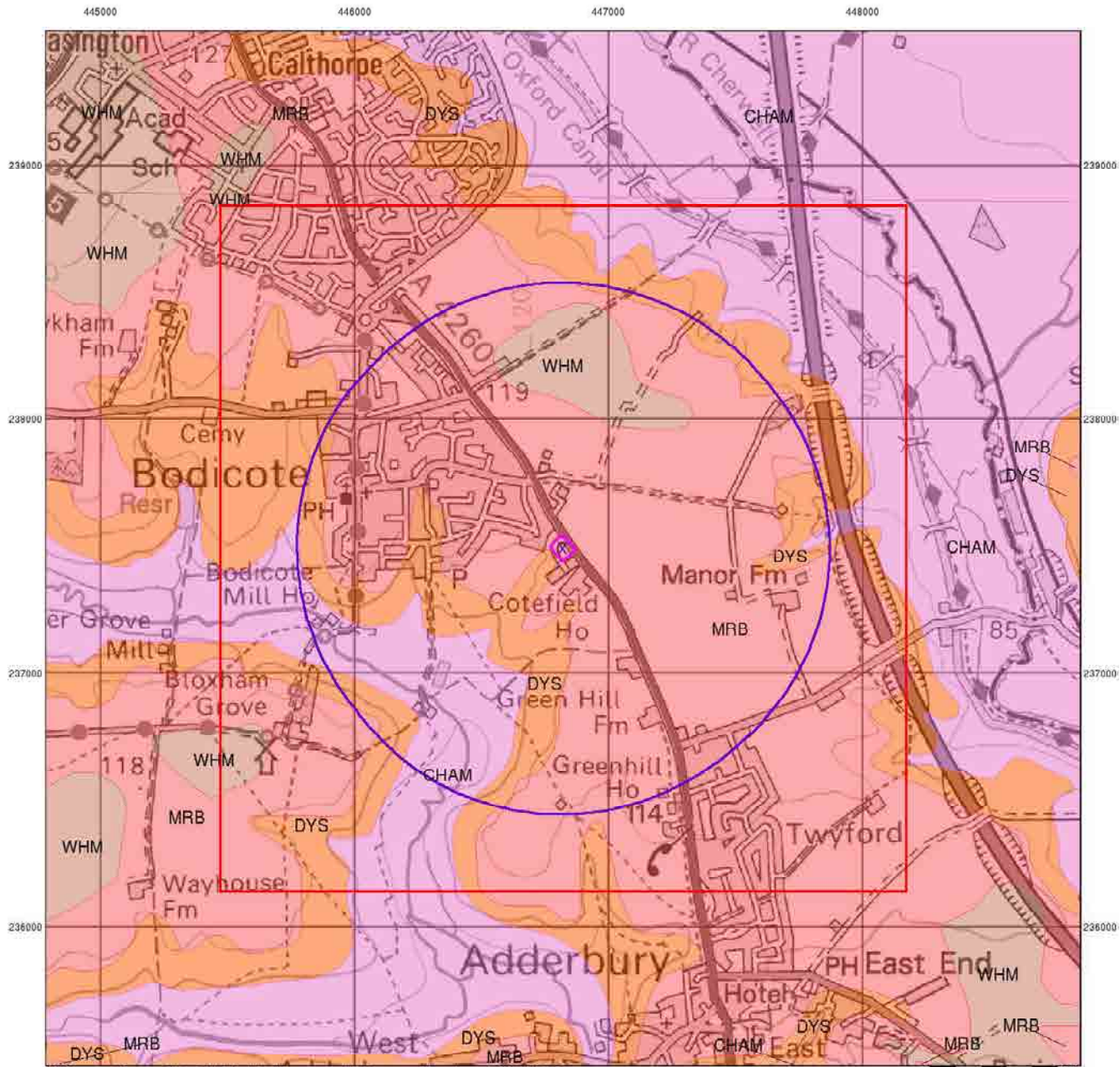
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 Slice: A  
 Site Area (Ha): 0.53  
 Search Buffer (m): 1000

### Site Details:

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### Bedrock and Faults

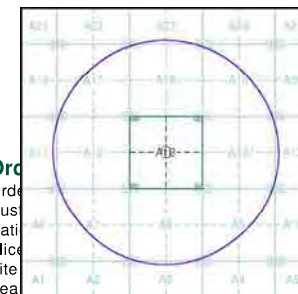
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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



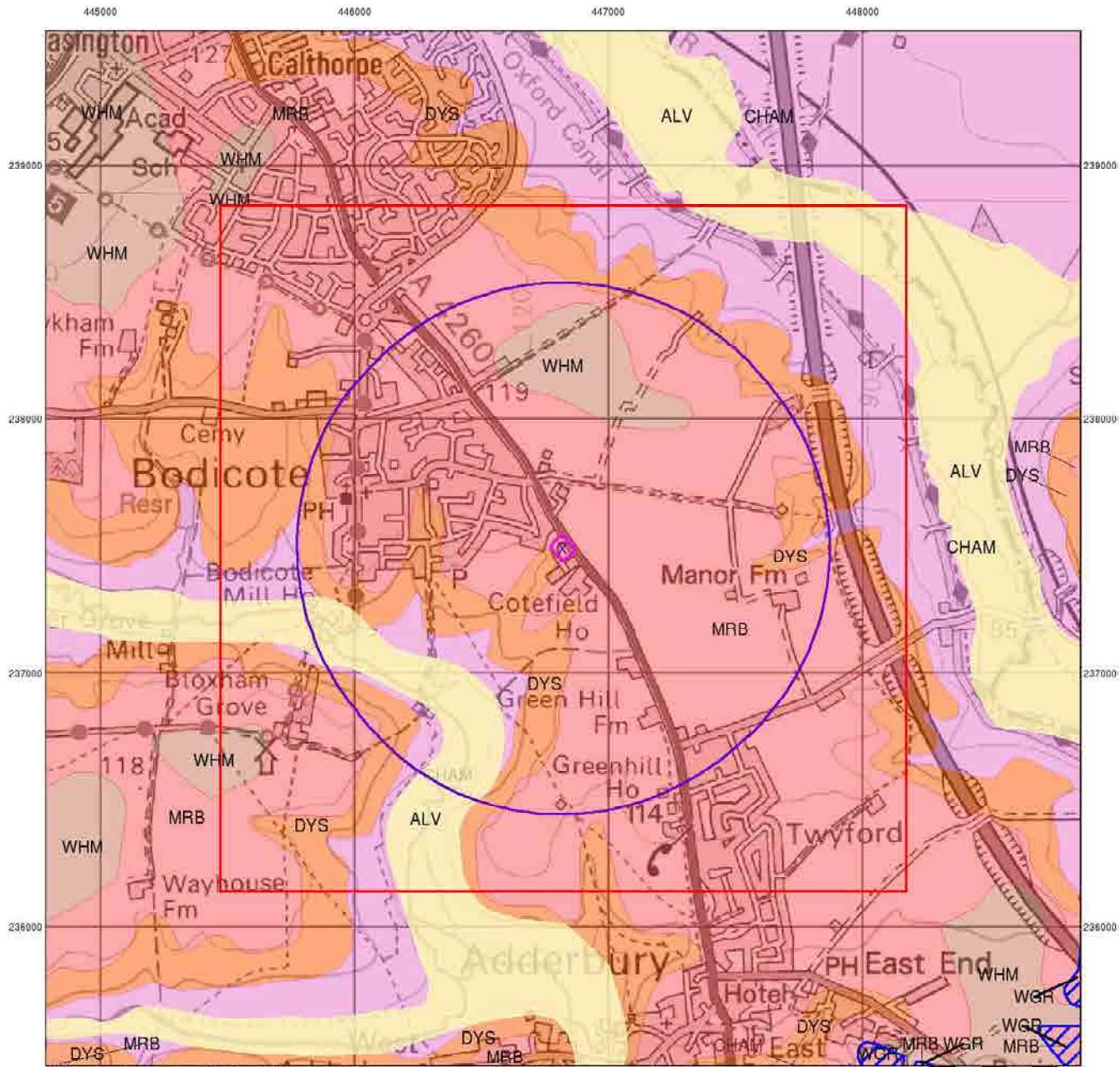
Order  
Order  
Cus  
Nati  
Slice  
Site  
Sea

### 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.

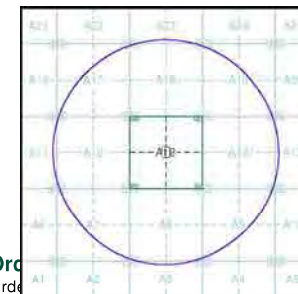
### Additional Information

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

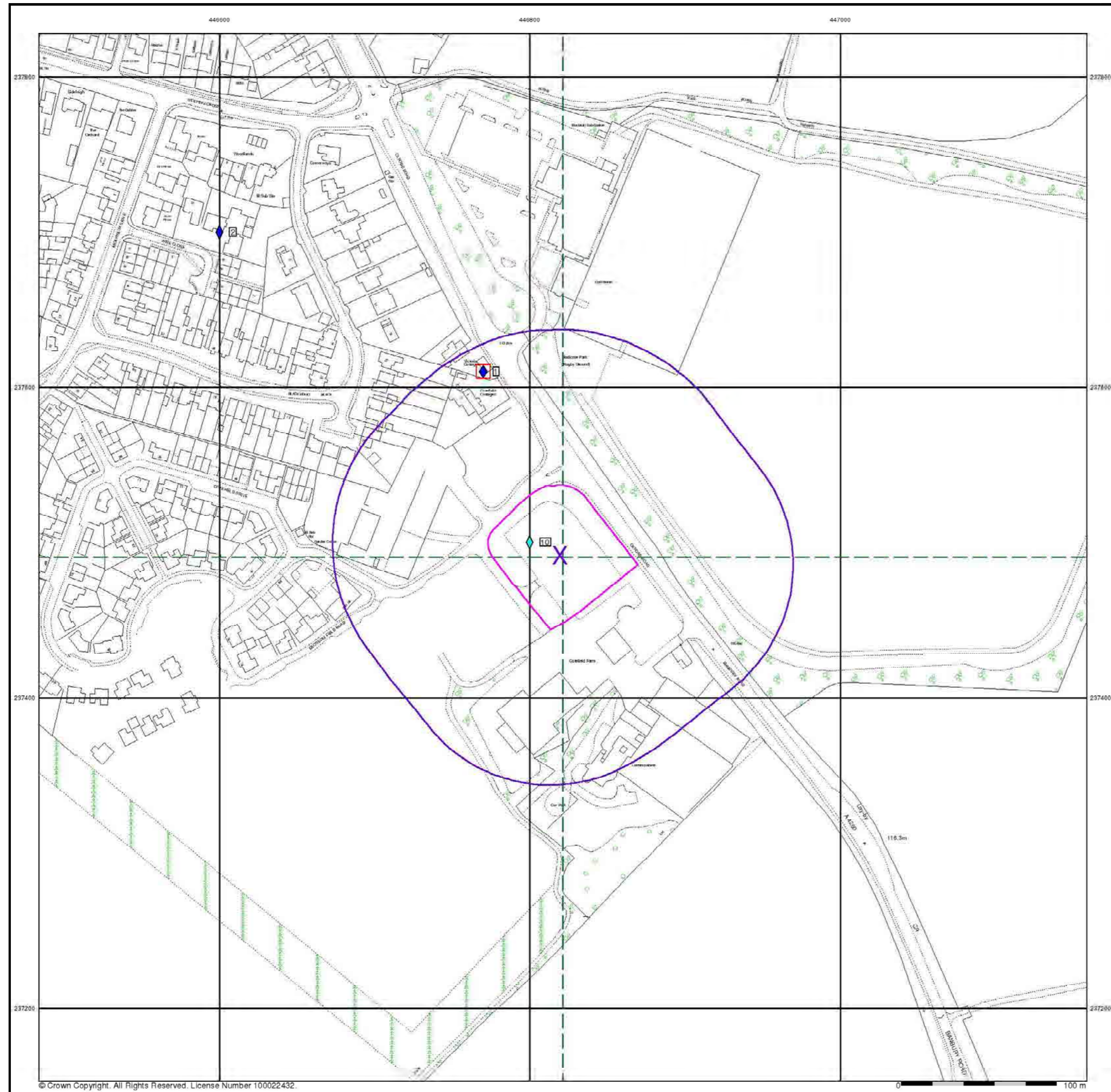
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 National Grid Reference: 446820, 237490  
 Slice: A  
 Site Area (Ha): 0.53  
 Search Buffer (m): 1000

### Site Details:

Cotefield Farm, Oxford Road, Bodicote, BANBURY

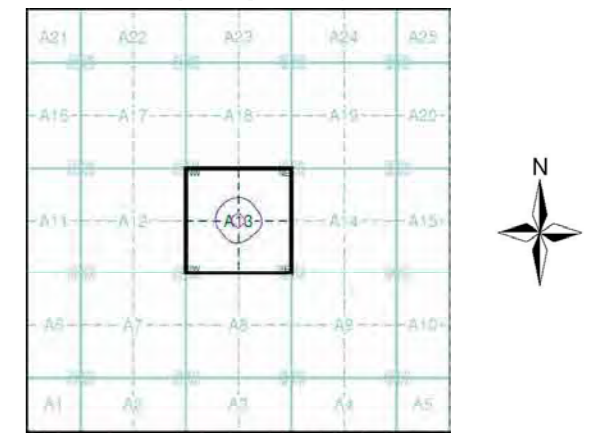


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 Web: www.envirocheck.co.uk



- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
  - Pylon
  - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - Discharge Consent
  - Enforcement or Prohibition Notice
  - Integrated Pollution Control
  - Integrated Pollution Prevention Control
  - Local Authority Integrated Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control Enforcement
  - Pollution Incident to Controlled Waters
  - Prosecution Relating to Authorised Processes
  - Prosecution Relating to Controlled Waters
  - Registered Radioactive Substance
  - River Network or Water Feature
  - River Quality Sampling Point
  - Substantiated Pollution Incident Register
  - Water Abstraction
  - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
  - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
  - BGS Recorded Landfill Site
  - EA Historic Landfill (Buffered Point)
  - EA Historic Landfill (Polygon)
  - Integrated Pollution Control Registered Waste Site
  - Licensed Waste Management Facility (Landfill Boundary)
  - Licensed Waste Management Facility (Location)
  - Local Authority Recorded Landfill Site (Location)
  - Local Authority Recorded Landfill Site
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Registered Landfill Site
  - Registered Landfill Site (Location)
  - Registered Landfill Site (Point Buffered to 100m)
  - Registered Landfill Site (Point Buffered to 250m)
  - Registered Waste Transfer Site (Location)
  - Registered Waste Transfer Site
  - Registered Waste Treatment or Disposal Site (Location)
  - Registered Waste Treatment or Disposal Site

**Site Sensitivity Map - Segment A13**



**Order Details**

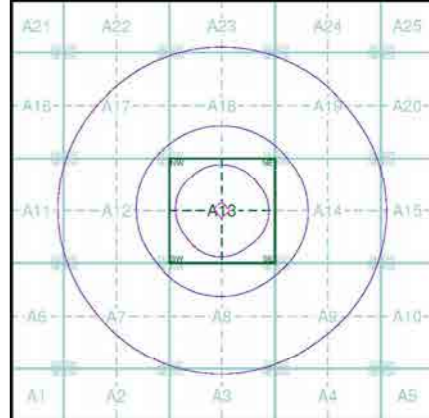
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 National Grid Reference: 446820, 237490  
 Slice: A  
 Site Area (Ha): 0.53  
 Plot Buffer (m): 100

**Site Details**  
 Cotefield Farm, Oxford Road, Bodicote, BANBURY



- 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)
  - 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 Radiactive Substances
  - River Network or Water Feature
  - River Quality Sampling Point
  - Substantiated Pollution Incident Register
  - Water Abstraction
  - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
  - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
  - BGS Recorded Landfill Site
  - EA Historic Landfill (Buffered Point)
  - EA Historic Landfill (Polygon)
  - Integrated Pollution Control Registered Waste Site
  - Licensed Waste Management Facility (Landfill Boundary)
  - Licensed Waste Management Facility (Location)
  - Local Authority Recorded Landfill Site (Location)
  - Local Authority Recorded Landfill Site
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Registered Landfill Site
  - Registered Landfill Site (Point Buffered to 100m)
  - Registered Landfill Site (Point Buffered to 250m)
  - Registered Waste Transfer Site (Location)
  - Registered Waste Transfer Site
  - Registered Waste Treatment or Disposal Site (Location)
  - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A



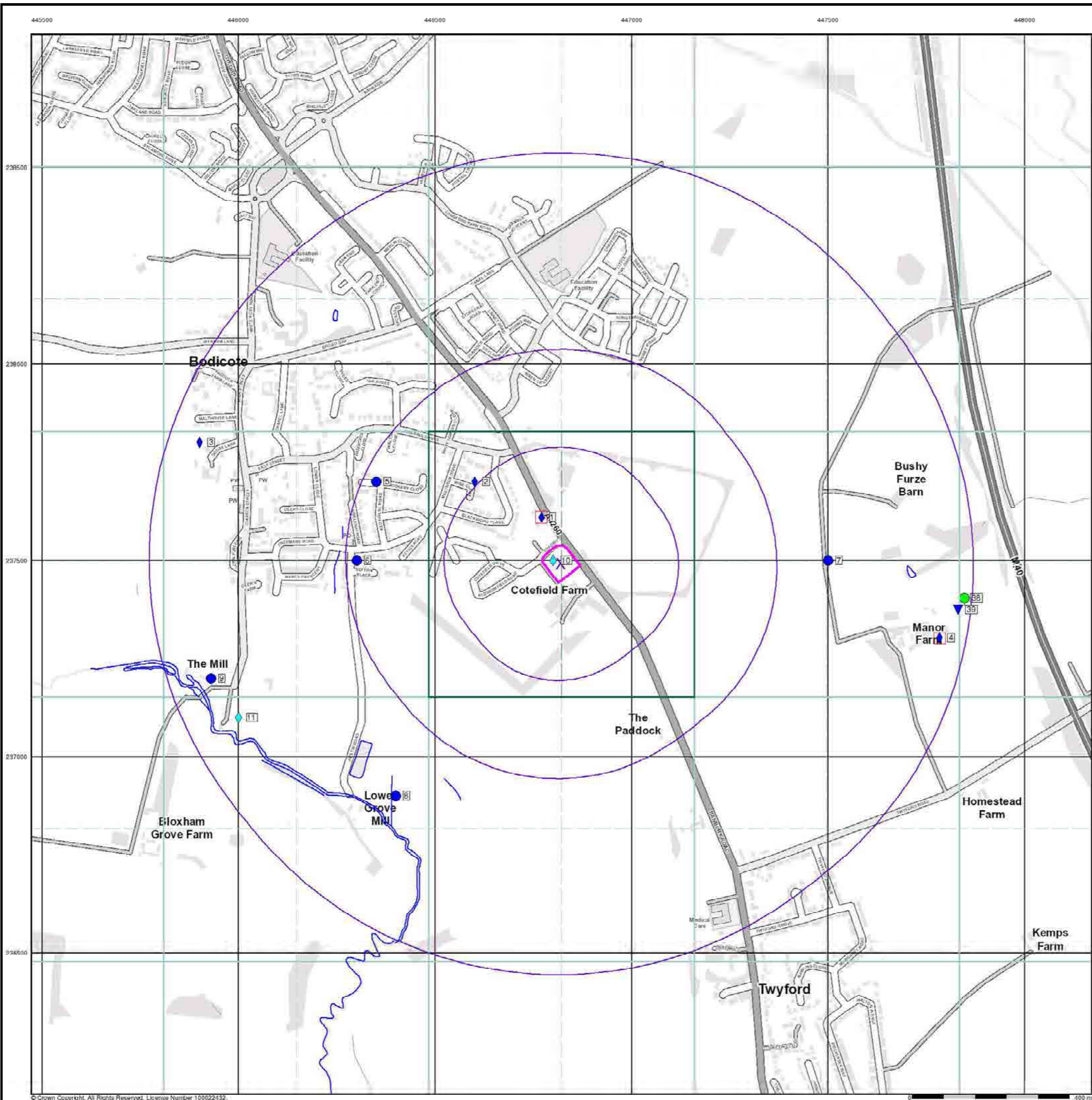
**Order Details**

Order Number: 183076277\_1\_1  
 Customer Ref: JER1600  
 National Grid Reference: 446820, 237490  
 Slice: A  
 Site Area (Ha): 0.53  
 Search Buffer (m): 1000

**Site Details**  
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**Landmark**  
 INFORMATION GROUP

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### Industrial Land Use Map

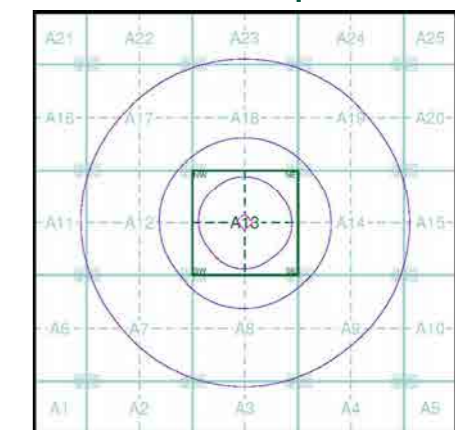
#### General

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

#### Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

### Industrial Land Use Map - Slice A



#### Order Details

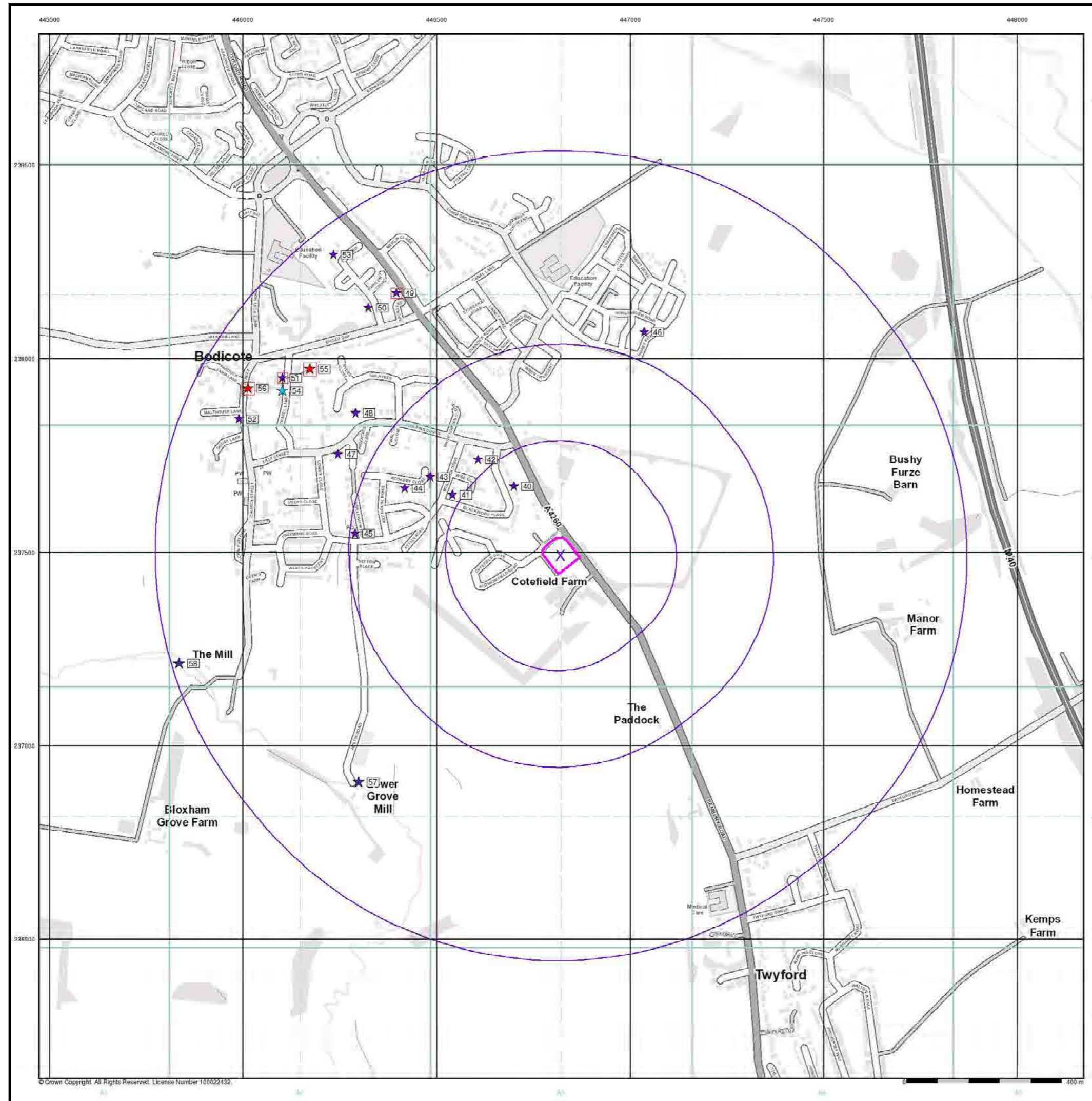
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 Customer Ref: JER1600  
 National Grid Reference: 446820, 237490  
 Slice: A  
 Site Area (Ha): 0.53  
 Search Buffer (m): 1000

#### Site Details

Cotefield Farm, Oxford Road, Bodicote, BANBURY



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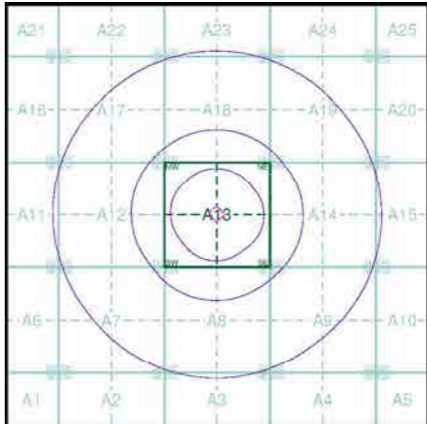
**General**

- 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: 183076277\_1\_1  
 Customer Ref: JER1600  
 National Grid Reference: 446820, 237490  
 Slice: A  
 Site Area (Ha): 0.53  
 Search Buffer (m): 1000

**Site Details**

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**General**

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

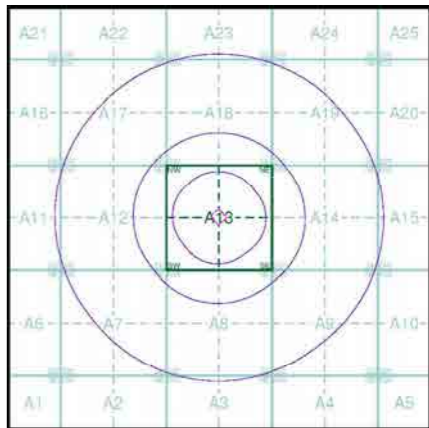
**Agency and Hydrological (Boreholes)**

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

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

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

**Borehole Map - Slice A**



**Order Details**

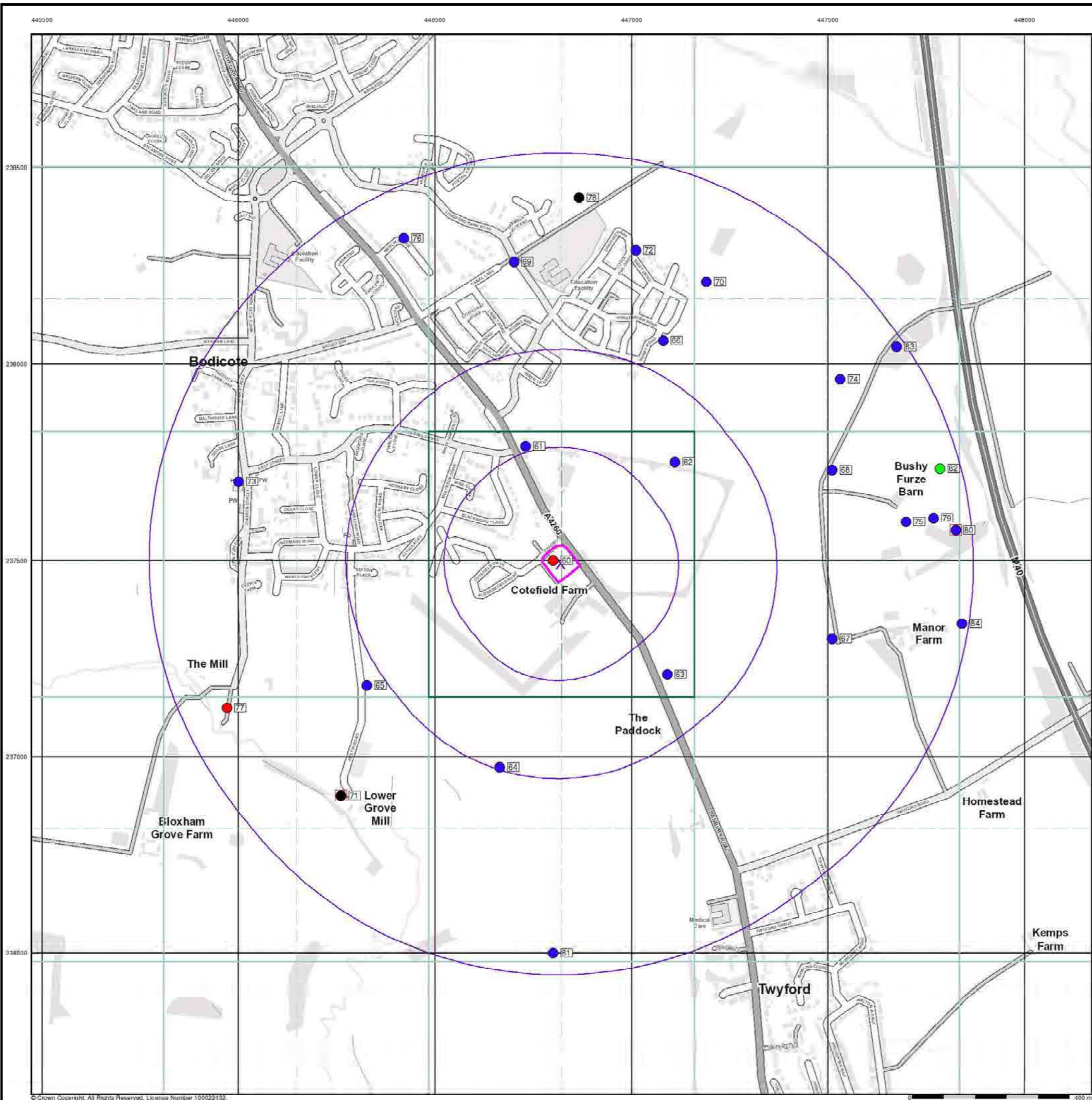
Order Number: 183076277\_1\_1  
 Customer Ref: JER1600  
 National Grid Reference: 446820, 237490  
 Slice: A  
 Site Area (Ha): 0.53  
 Search Buffer (m): 1000

**Site Details**

Cotefield Farm, Oxford Road, Bodicote, BANBURY



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**General**

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

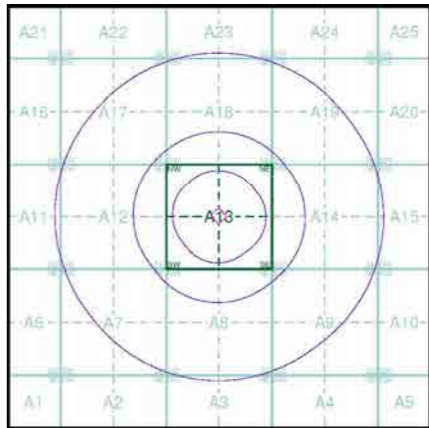
**OS Water Network Data**

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

**Contours (height in meters)**

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

**OS Water Network Map - Slice A**



**Order Details**

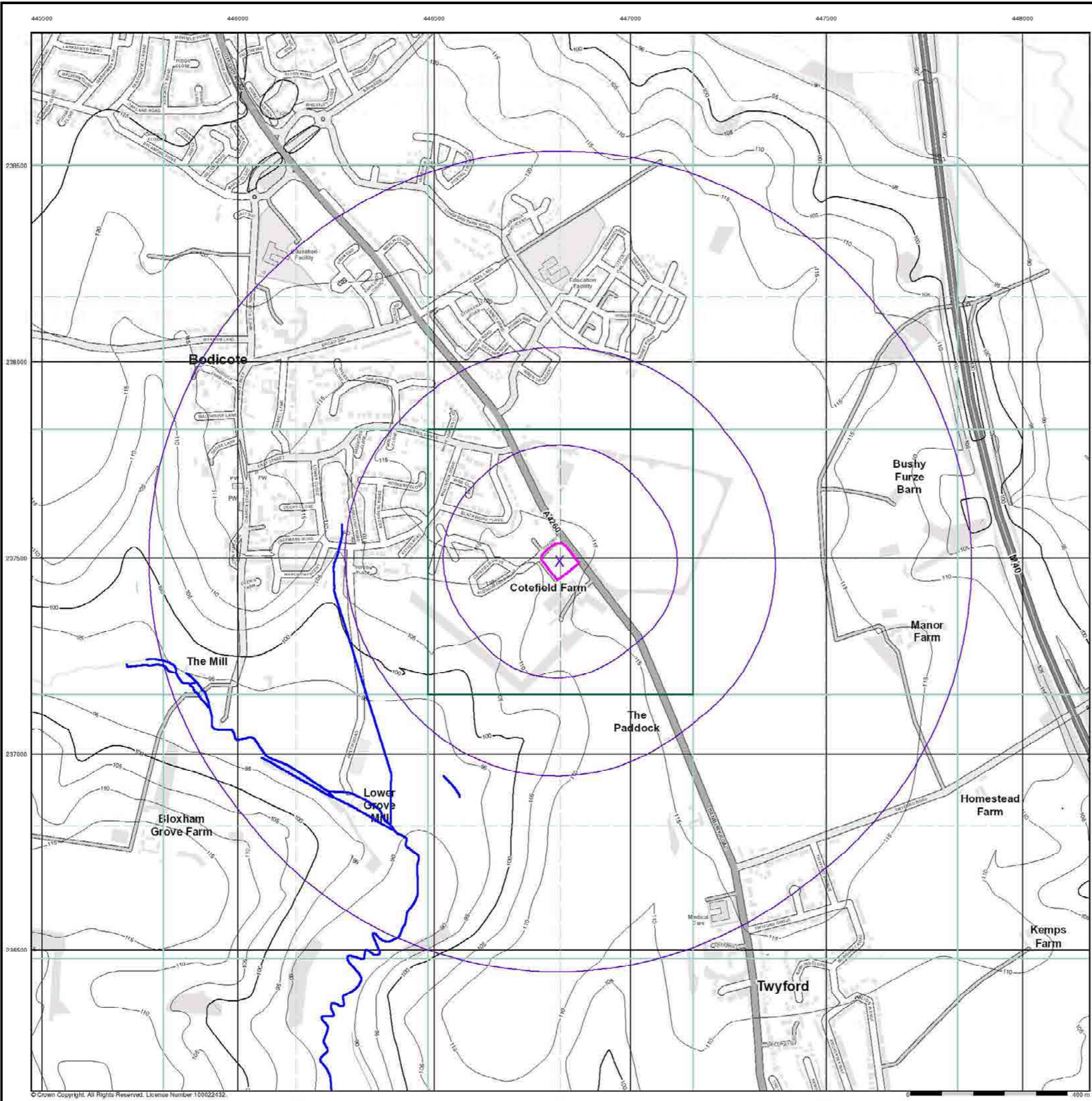
Order Number: 183076277\_1\_1  
 Customer Ref: JER1600  
 National Grid Reference: 446820, 237490  
 Slice: A  
 Site Area (Ha): 0.53  
 Search Buffer (m): 1000

**Site Details**

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**General**

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

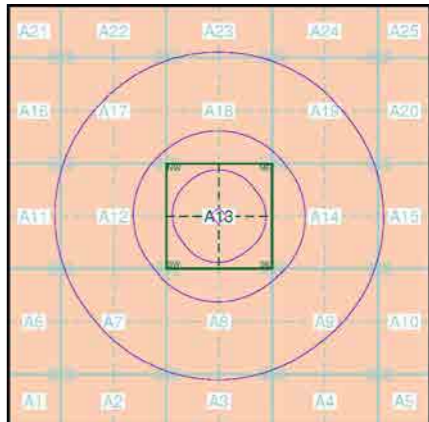
**Risk of Flooding from Surface Water**

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

**Suitability**

- See the suitability map below
- National to county
  - County to town
  - Town to street
  - Street to parcels of land
  - Property

**E/NRW Suitability Map - Slice A**



**Order Details**

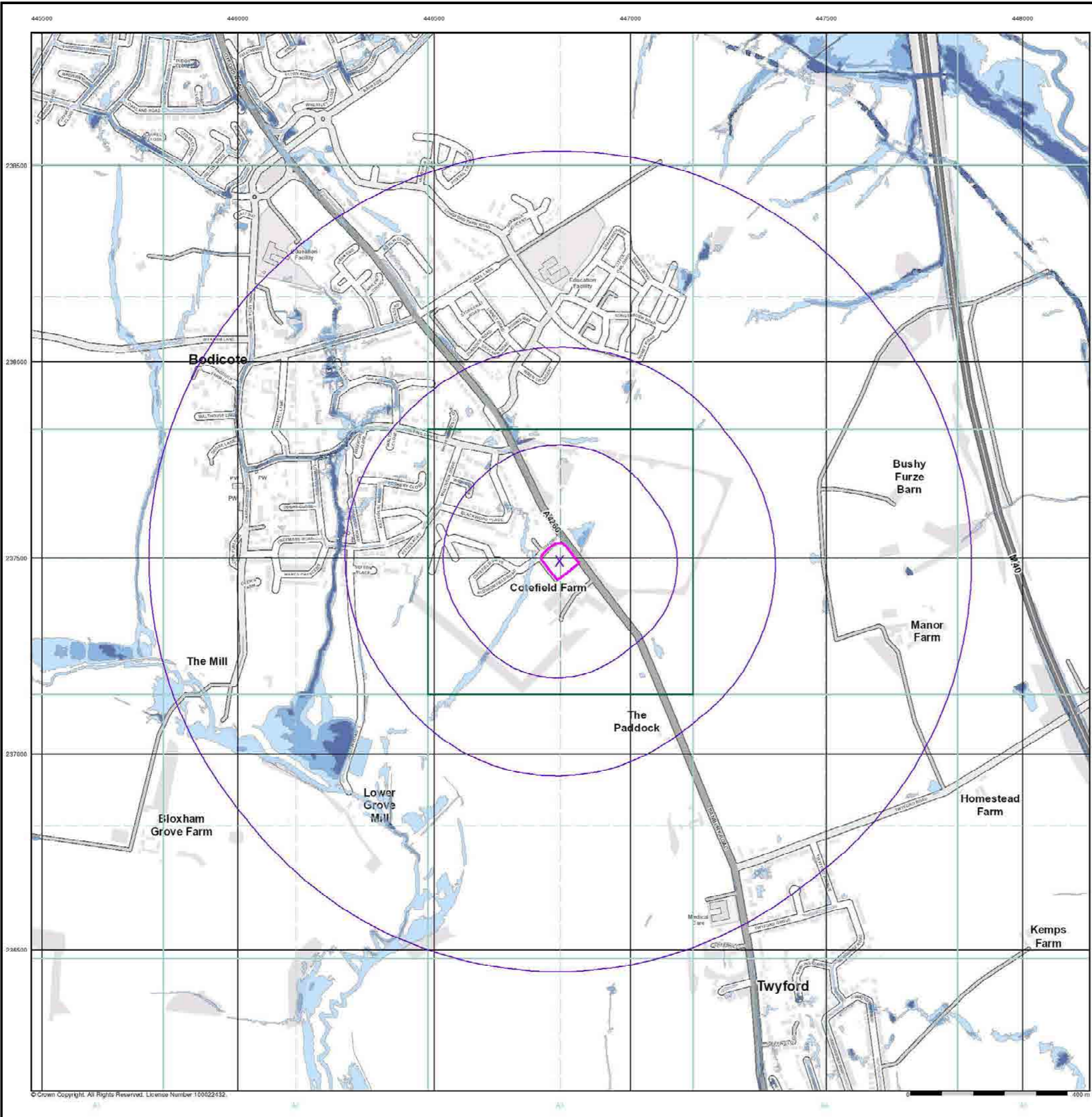
Order Number: 183076277\_1\_1  
 Customer Ref: JER1600  
 National Grid Reference: 446820, 237490  
 Slice: A  
 Site Area (Ha): 0.53  
 Search Buffer (m): 1000

**Site Details**

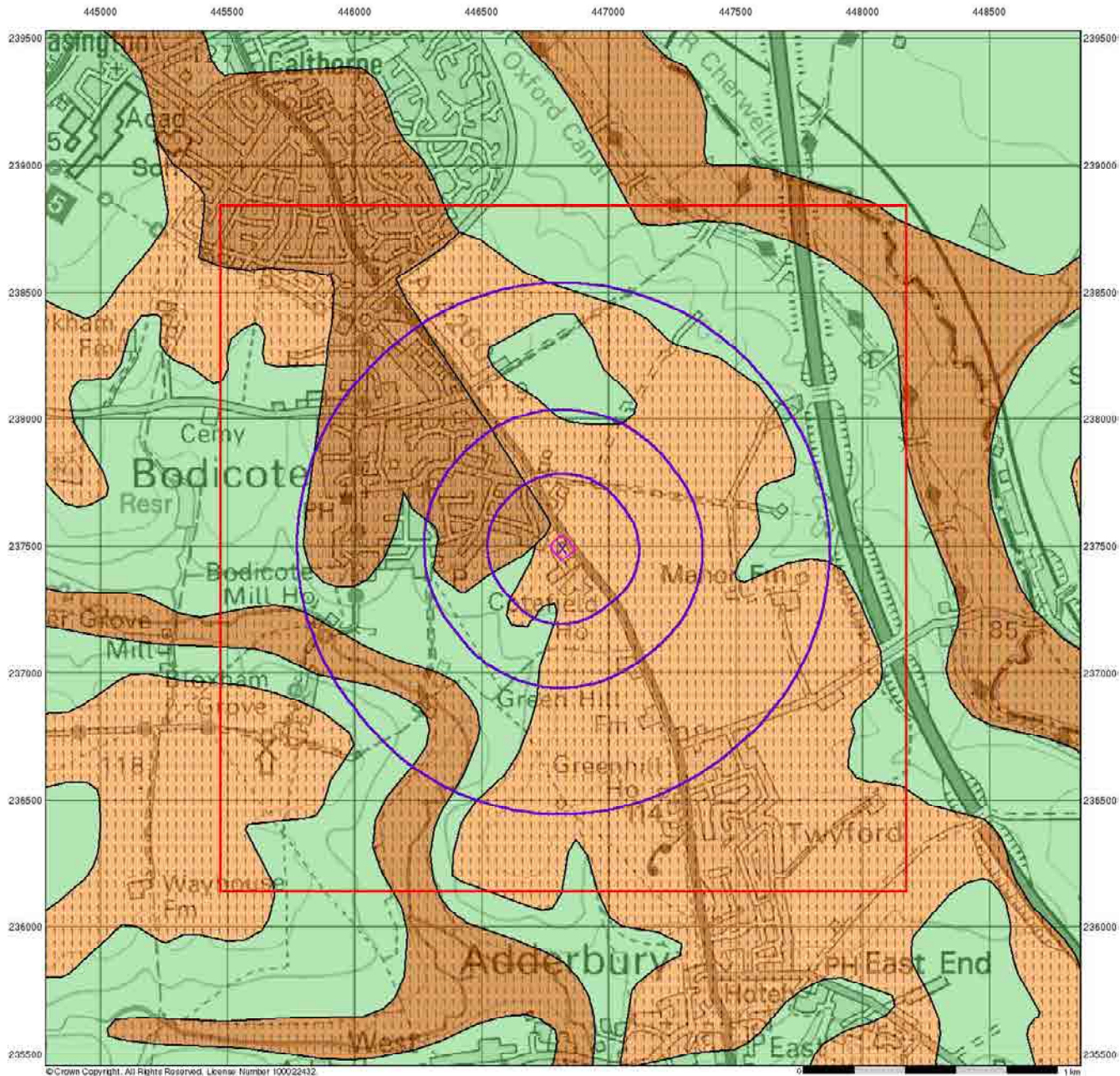
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## Groundwater Vulnerability

### General

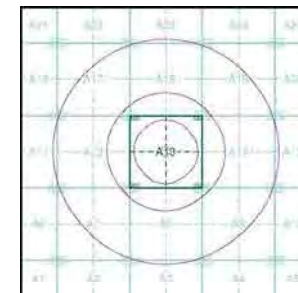
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

- |   |  |                     |
|---|--|---------------------|
| <b>Major Aquifer (Highly Permeable)</b>   | <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul> | <b>Soil Classes</b> |
| <b>Minor Aquifer (Variably Permeable)</b> | <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul> |                     |
| <b>Non Aquifer (Negligibly Permeable)</b> |  |                     |
| <b>Water or Sea</b>                       |  |                     |
| <b>Drift Deposit</b>                      |  |                     |

### Site Sensitivity Context Map - Slice A



### Order Details

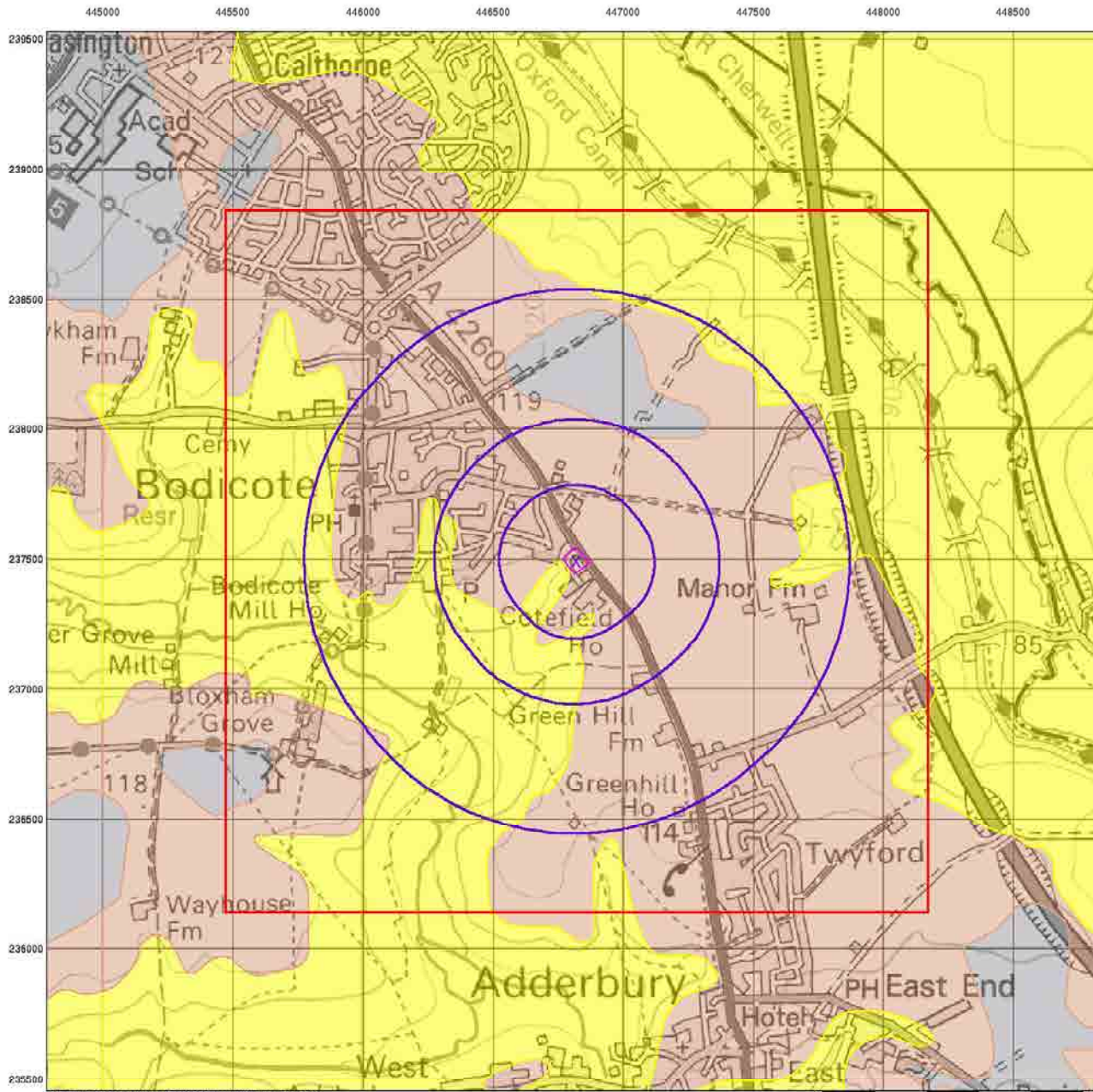
Order Number: 183076277\_1\_1  
 Customer Ref: JER1600  
 National Grid Reference: 446820, 237490  
 Slice: A  
 Site Area (Ha): 0.53  
 Search Buffer (m): 1000

### Site Details

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## Bedrock Aquifer Designation

### General

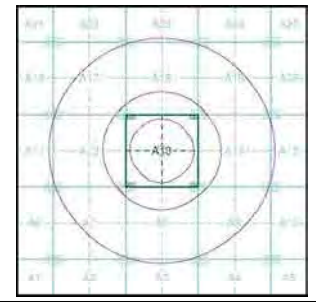
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

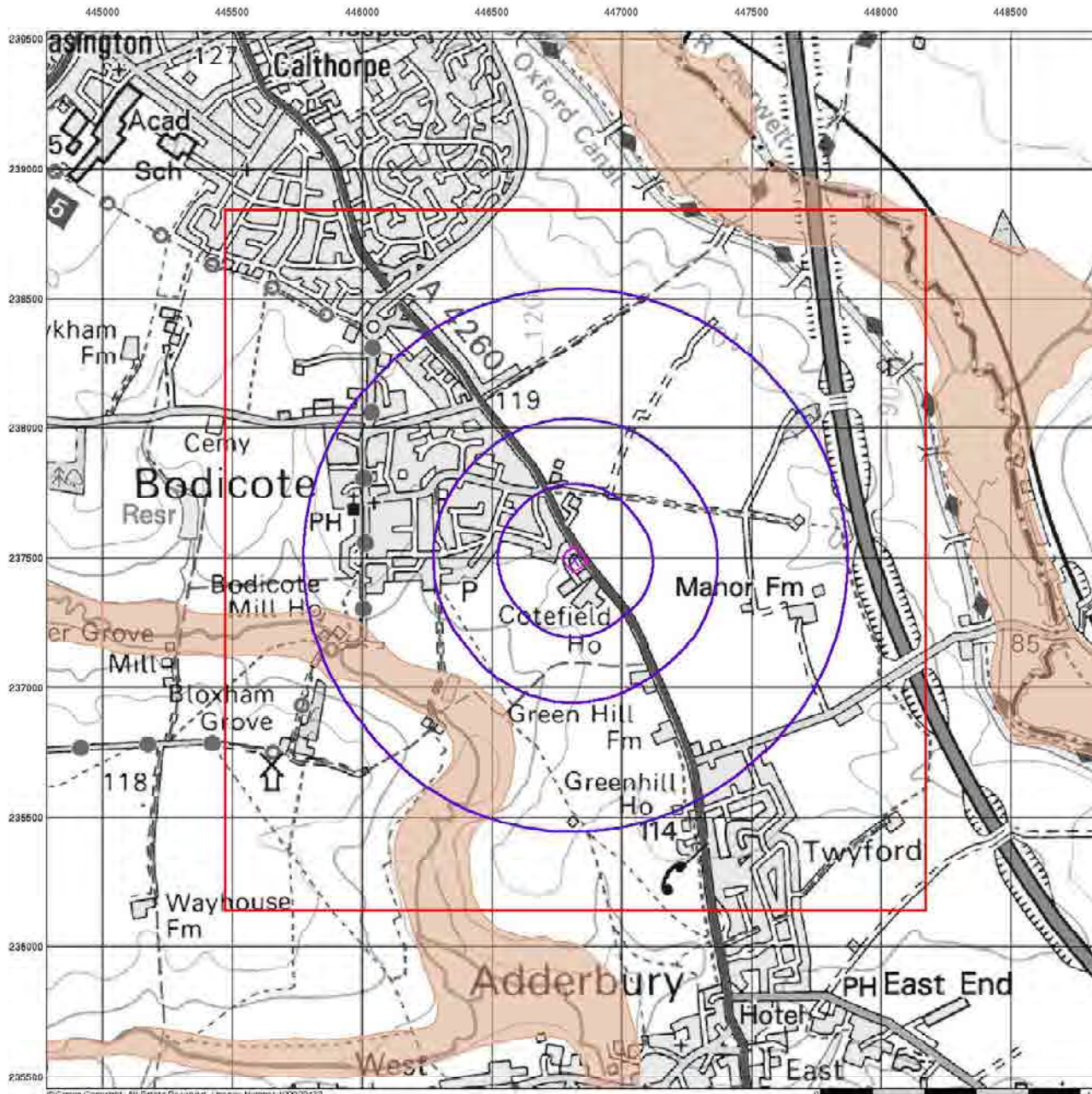
Order Number: 183076277\_1\_1  
 Customer Ref: JER1600  
 National Grid Reference: 446820, 237490  
 Slice: A  
 Site Area (Ha): 0.53  
 Search Buffer (m): 1000

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## Superficial Aquifer Designation

### General

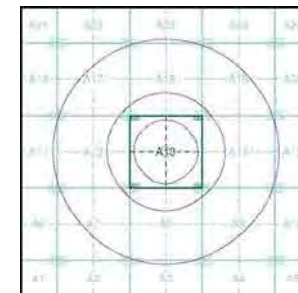
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

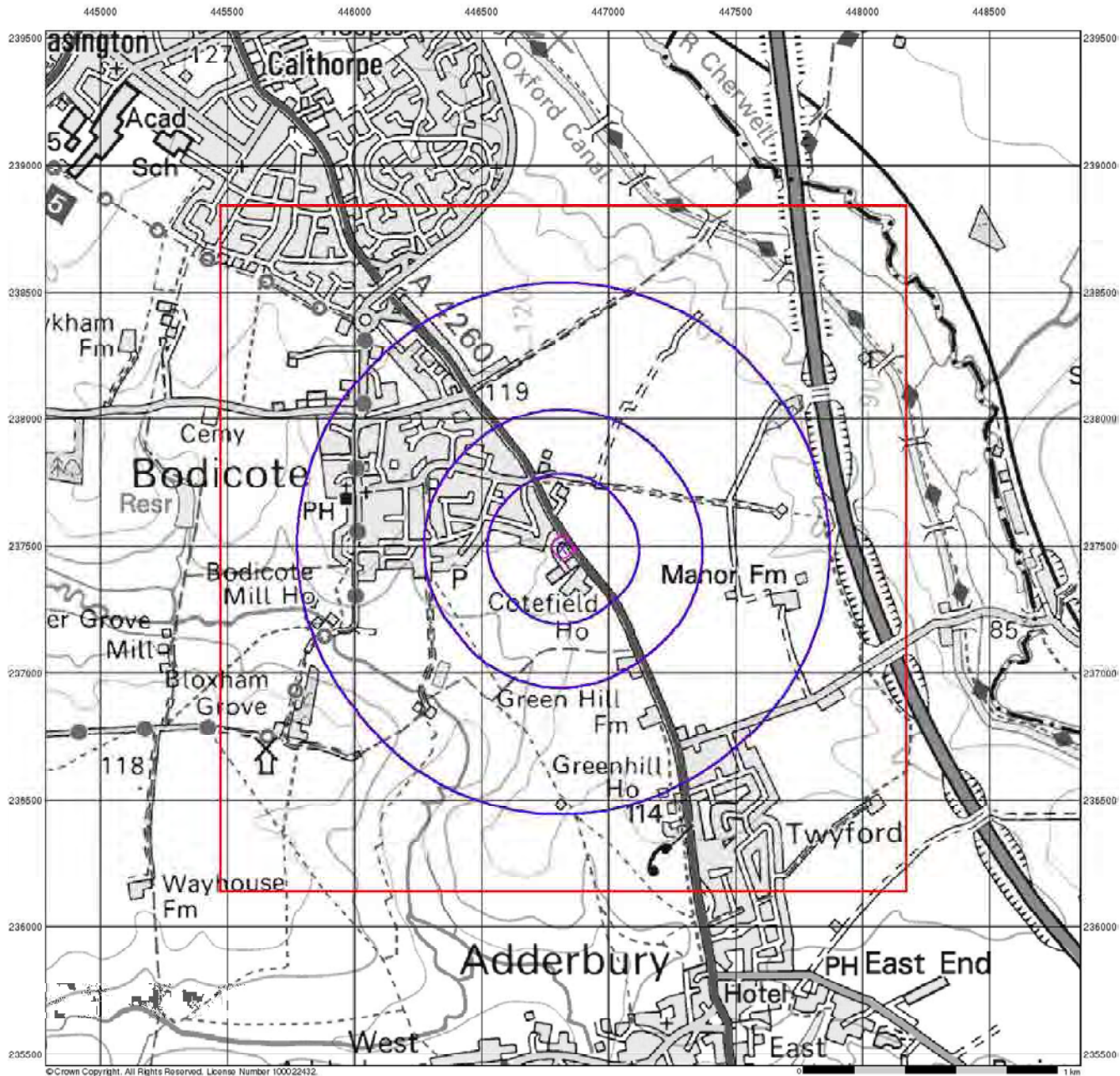
Order Number: 183076277\_1\_1  
 Customer Ref: JER1600  
 National Grid Reference: 446820, 237490  
 Slice: A  
 Site Area (Ha): 0.53  
 Search Buffer (m): 1000

### Site Details

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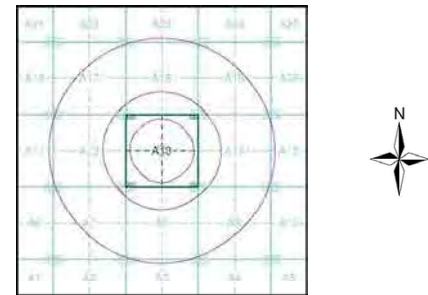
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### Source Protection Zones

- General**
- Specified Site
  - Slice
  - Specified Buffer(s)
  - Map ID
  - Bearing Reference Point
- Agency and Hydrological**
- Inner zone (Zone 1)
  - Inner zone - subsurface activity only (Zone 1c)
  - Outer zone (Zone 2)
  - Outer zone - subsurface activity only (Zone 2c)
  - Total catchment (Zone 3)
  - Total catchment - subsurface activity only (Zone 3c)
  - Special interest (Zone 4)

### Site Sensitivity Context Map - Slice A



**Order Details**

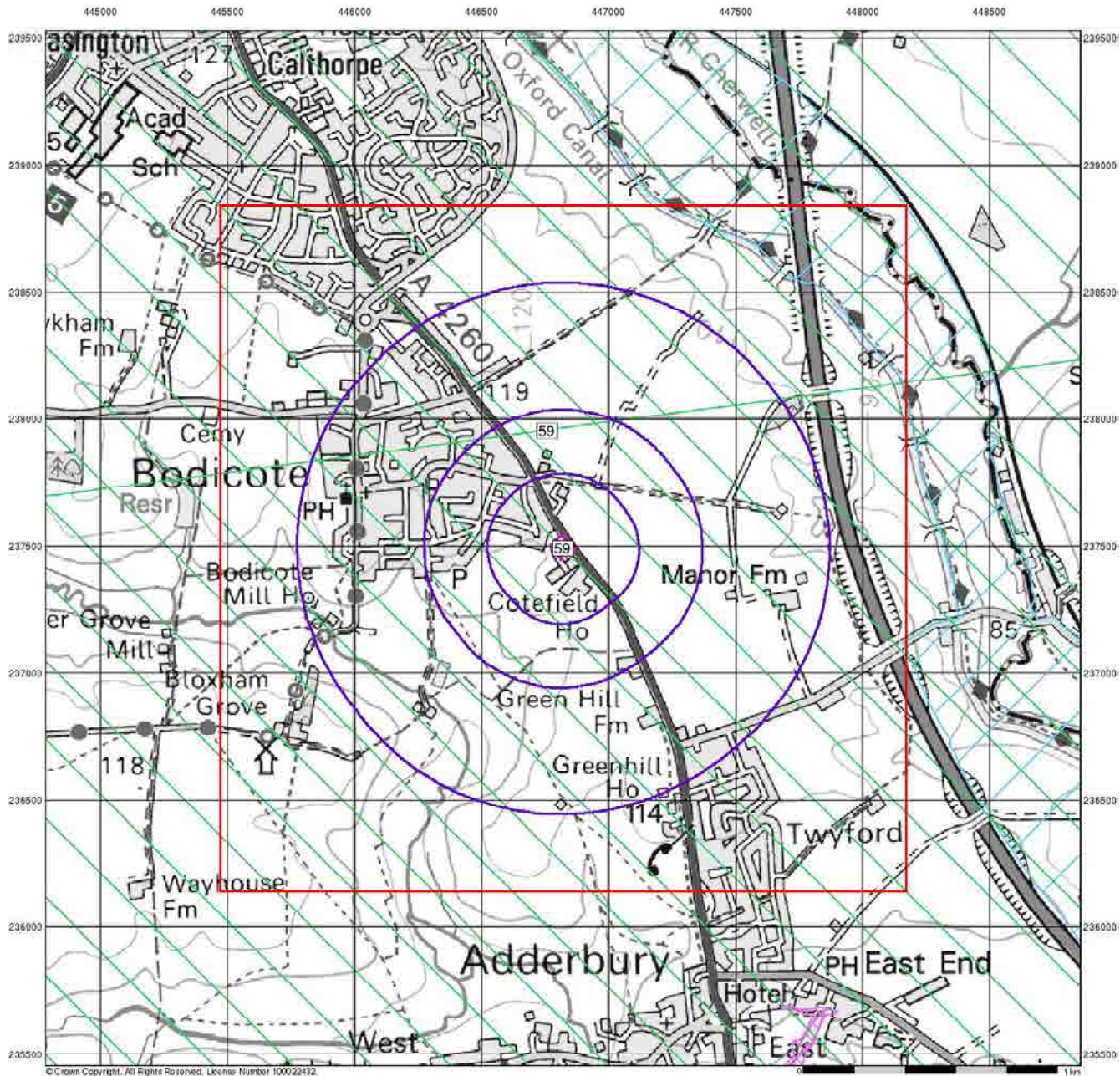
Order Number: 183076277\_1\_1  
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**Site Details**  
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**Landmark**  
 INFORMATION GROUP

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## Sensitive Land Uses

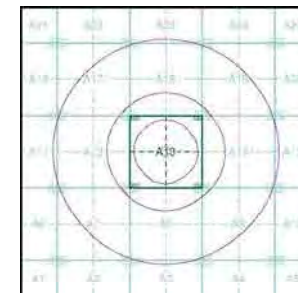
### General

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

### Sensitive Land Uses

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

### Site Sensitivity Context Map - Slice A



### Order Details

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 National Grid Reference: 446820, 237490  
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