

A collage of six images related to geotechnical engineering. Top left: A large white pipe. Top middle: A close-up of a soil sample in a sieve. Top right: A close-up of a soil sample with a blue probe. Middle left: A worker in a yellow high-visibility suit. Middle right: A red Southern Testing truck. Bottom right: A close-up of a soil sample.

Desk Study Report

Project Name: Wokingham

Location: Land North of School Road, Arborfield Cross,
Wokingham RG41 4TN

Client: Croudace Homes Ltd

Project ID: JT0584

Report Date: 08 August 2024

Report Issue: 2

SUMMARY

The site, which extends to approximately 8.0ha comprises two agricultural fields. It is proposed to develop the site with housing.

Geological records indicate the site to be underlain by London Clay Formation.

A desk study was carried out and indicates that the site has a history of agricultural use.

An Unexploded Ordnance (UXO) risk assessment was not included in our brief. However, a pre-desk study (UXO) risk assessment carried out on Zetica UXO risk assessment website indicates that the site is located in a Low UXO risk area

The preliminary conceptual site model identified sources of contamination associated with the potential use of agrochemicals and associated residual heavy metals and incidental leakage of oils from farming machinery on site. Although the potential contamination associated with these sources are likely to be minimal, it is recommended that a non-targeted intrusive investigation is carried out prior to development to determine the nature and extent of contamination (if any) is present on site. The investigation should include the construction of a series shallow trial holes to take soil samples for chemical analysis.

The desk study report has been prepared for the sole internal use and reliance of Croudace Homes and their appointed Engineers. This report shall not be relied upon or transferred to any other parties without the express written authorisation of Southern Testing Laboratories Ltd. If an unauthorised third party comes into possession of this report they rely on it at their peril and the authors owe them no duty of care and skill.

The findings and opinions conveyed via this investigation report are based on information obtained from a variety of sources as detailed within this report, and which Southern Testing Laboratories Ltd. believes are reliable. Nevertheless, Southern Testing Laboratories Ltd. cannot and does not guarantee the authenticity or reliability of the information it has obtained from others.

The recommendations contained in this report are made in respect of the particular context of the investigation as described in the report and may not be appropriate to alternative development schemes. This report should be considered in its entirety and Southern Testing Laboratories Ltd accepts no responsibility for and excludes liability in respect of any omission or alteration made by others, and any use of the report for any purpose other than that for which it was produced.

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For and on behalf of Southern Testing Laboratories Limited

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A INTRODUCTION

1 Authority

Our authority for carrying out this work is contained in an email from Croudace Homes dated 19th April 2024 in relation to our quote with reference RJ/LF/Q24-0572, and dated 18th April 2024.

2 Location

The site is located immediately to the north of The Coombes CoE Primary School in Arborfield Cross near Wokingham, Berkshire. The approximate National Grid Reference of the site is SU 76624 67114. The site location is indicated on Figures 1 & 2 within Appendix A.

3 Proposed Construction

It is proposed to develop the site with housing.

For the purposes of the contamination risk assessment, the proposed development land use is classified as Residential with consumption of Homegrown Produce, CLEA Model Ref [1] / C4SL Report Ref [2].

The gas sensitivity of the proposed development is rated as High CIRIA C665 Ref [3].

4 Object

This is a Phase 1 Desk Study and Walkover Survey.

The object of this investigation is to determine possible sources of contamination, identify potential contaminants and allow the development of a conceptual understanding of the site to ensure that any intrusive investigation required addresses all the issues identified

5 Scope

This report presents the findings of our desk study.

A UXO risk assessment was not requested within our brief for the investigation.

The findings and opinions conveyed via this Desk Study report are based on information obtained from a variety of sources as detailed within this report, and which Southern Testing Laboratories Ltd. believes are reliable. Nevertheless, Southern Testing Laboratories Ltd. cannot and does not guarantee the authenticity or reliability of the information it has obtained from others.

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Detailed information on the proposed development, such as detailed final layout, loadings and serviceability limits was not provided. Accordingly, where geotechnical design advice is provided it is on the prescriptive basis allowed for by Eurocode 7: employing conventional and conservative design rules.

B DESK STUDY AND WALKOVER SURVEY

6 Desk Study

A desk study has been carried out. Reference has been made to the following information sources.

- Online Geological Maps Ref [4] & Ref [5]
- Online Hydrogeological Maps Ref [6]
- Aerial Photographs
- Historical Ordnance Survey Maps
- Environmental Databases
- BGS Online Historical Borehole Records Ref [7]
- Search on Local Authority Planning Portal for planning history
- MAGIC website mapping Ref [8]
- Environment Agency / Gov.UK Website Flood Risk Ref [9]
- UK Radon Ref [10] and BRE Radon Ref [11]
- Google Earth (for old aerial photographs)

The environmental databases search report compiled for this desk study contains site-specific environmental data drawn from data sets that comprise publicly available information together with data from third parties, some of which is under review. Accordingly, Southern Testing Laboratories Limited does not warrant its accuracy, reliability or completeness.

The full report is included in Appendix D and E, a summary of the salient features is included in the following sections of this report.

6.1 Geology

The British Geological Survey Map covering the site indicates that the site geology consists of London Clay Formation. No superficial deposits are mapped on the site, however, alluvial deposits are shown to the immediate south, bordering the site.

6.1.1 Alluvium

Alluvium is a geologically recent deposit found in association with watercourses. It is typically soft to firm normally consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel. A stronger, desiccated surface zone may be present.

Running sand or silt may be encountered. Excavations are often unstable. Bottom heave may be encountered in clayey soils below 3 m.

It is inherently variable and rapid lateral transitions in soil type should be anticipated.

6.1.2 London Clay

The London Clay mainly comprises blue-grey or grey-brown fissured clay and silty clay, which weathers to brown near the surface. It commonly contains thin courses of carbonate concretions ('cementstone nodules'), selenite crystals and disseminated pyrite. It also includes a few thin beds of shells and fine sand partings or pockets of sand, which commonly increase towards the base and towards the top of the formation.

Although slopes will stand in the clay at steep angles in the short term, the long-term stable slope angle is about 7° for grassed, or cleared slopes, and a few degrees more for wooded slopes.

This formation is known to contain pyrite.

6.2 Historical Borehole Records

A search of previous exploratory hole records both from the online British Geological Survey database [7] and Southern Testing in-house records, revealed two records within 500m of this site, from the BGS source.

The BGS website was accessed on 13th May 2024 and a summary of the records presented in the table below.

BH Reference	Final Depth (mbgl)	Distance from site (m) & Direction	Remarks
SU76NE87 (BH date 19/12/73)	3	488 SE	GL – 0.5m: Made Ground comprising rock and brick fragments in Clay. 0.5m – 3.0m: Soft to firm brown grey mottled silty sandy Clay. No groundwater was encountered.
SU76NE137 (BH date 01/12/97)	4	522 E	GL – 0.4m: Topsoil. 0.4m – 0.6m: Very stiff desiccated friable grey brown mottled orange brown very silty Clay. 0.6m – 2.9m: Very stiff desiccated orange brown very silty Clay with occasional rootlets. 2.9m – 4.0m: Very stiff fissured brown silty Clay. No groundwater was encountered.

6.3 Geological Hazards and Mining Activities

Data from various sources relating to potential geological hazards at the site are summarized below. The Hazard Potentials listed for the BGS data are as presented in the Envirocheck report, derived from various generic BGS sources, **which are not considered as site-specific**. It is important that this information is considered in context of the actual site topography, ground conditions encountered during future investigation, and development proposals.

Data Source	Hazard	Hazard Potential to Site	Remarks
BGS	Potential for Collapsible Ground Stability Hazard	Very Low	
	Potential for Compressible Ground Stability Hazard	No Hazard	Moderate within 3m from site to the SE (mapped alluvial deposits). Moderate assumed for the site.
	Potential for Ground Dissolution Stability Hazard	No Hazard	
	Potential for Landslide Ground Stability Hazard	Very Low	
	Potential for Running Sand Ground Stability Hazard	Very Low	
	Potential for Swelling or Shrinkage Clay Ground Stability Hazard	Low	High assumed for London Clay.
	Shallow Mining Hazard	No Hazard	
	BGS recorded mineral site	No Hazard	
ARUP [Ref [12]]	Mining Instability	No hazard	No entries within 1km of the site.
CSS [Ref [13]] KURG [Ref [14]]	Underground Openings	No Hazard	

6.4 Radon Risk

With reference to the Envirocheck report, UK Radon Ref [10] and BRE Radon Ref [11] guidance, no radon protection is required on this site.

All basements are at increased risk of elevated levels of radon, regardless of geographic location.

A well-constructed waterproofing should be designed to protect against radon in accordance with guidance and recommendations on basement waterproofing as contained in BS8102:2022.

The designer should take note of any measures specific to radon protection for basements as detailed in BR211 (2023) and ensure any recommendations are followed.

The UK Health Security Agency and HSE policy and guidance recommends and, in some cases, requires, that the owner and/or occupier of buildings undertake radon monitoring in all occupied and used basement areas.

It is therefore the owner and/or occupier's responsibility to ensure that the above policy and statutory requirements regarding radon monitoring are followed.

If future monitoring identifies radon levels above 100Bq/m³ within a dwelling or above the relevant action level for occupational exposure, the Local Authority should be notified.

6.5 Hydrology and Hydrogeology

Data from the Environment Agency and other information relating to controlled waters is summarised below.

Data		Remarks	Possible Hazard to/from Site (Y/ N)
Aquifer Designation	Superficial Deposits	No Superficial Deposits mapped on site.	N
	Bedrock	London Clay Formation – Unproductive Strata.	N
Groundwater Vulnerability		Unproductive Strata.	N
Abstractions	Surface Water	None within 1km of the site.	N
	Groundwater	None within 500m of the site.	N
Source Protection Zones		None listed within 2km of the site.	N
Surface Watercourses		There are a number of drainage ditches along the site boundaries. And there is a pond within 100m to the southeast of the site.	N
Groundwater Flood Risk		Potential for Groundwater Flooding to Occur at Surface	Y
Surface Water Flood Risk*		The site is at low risk of flooding.	Y
Marine / Fluvial Flood Risk*		The site is not shown within/adjacent to an area mapped as being at risk.	N
Reservoir Flood Risk*		The site is not shown within/adjacent to an area mapped as being at risk.	N
Discharge Consents		None listed within 250m of the site except Thames Water Waste Treatment Works site located 245m to the north of the site.	N

** These sections are provided for information only, this report does not constitute a formal flood risk assessment and specialist advice should be sought in relation to potential flooding issues.*

6.6 Historical Ordnance Survey Maps

Copy extracts of historical Ordnance Survey plans dating from 1872 to 2024 were obtained and are presented in Appendix D. A summary of the salient features is presented below.

The earliest map of 1872 shows the site as agricultural land and it has remained unchanged to the present day.

The earliest map of 1872 also shows the surrounding area as predominantly agricultural land. Some-time around 1899, a school was shown along the south-western boundary of the site. By 1968, the school was shown to have expanded. Significant development of houses and the road network within the village of Arborfield Cross expanded and extended towards the site and very close to the school. Langley Pond Farm building/structures was shown adjoining the site to the southeast with the farmhouse on the opposite side of Wood Lane. Development of Arborfield Cross continued to expand and some-time around 1978, the school along the site boundary is shown to have been split into The Coombes County Infant School and Arborfield, Newland and Barkham CoE Junior School. The most recent maps shows the schools as combined.

No significant changes are recorded on the subsequent maps for the surrounding area to the present day.

6.7 Environmental Databases

Data Source	Distance (m)	Direction	Details	Possible Hazard to Site (Y/N)
Historical Industrial Land Use	237	NE	Sewage	N
Current Industrial Land Use	61	E	Used Car/Salvage Dealers - inactive	Y
	178	W	Domestic Cleaning Services -	N
	196	SW	Spraying - Paint & Coatings - active	N
	207/221	W	Tyre Dealers - inactive	N
	239	SE	Salvage Dealers - inactive	N
	242	SW	Used Car/Tyre Dealers - inactive	N
Current and Historical Landfills	/	/	None listed within 1km of the site.	N
Fuel Sites	/	/	None listed within 1km of the site.	N
Pollution Incidents	131	N	Category 1 incident involving unknown sewage. August 1995	N
	192	NE	Category 2 incident involving unknown sewage. June 1994	N
	202	N	Category 2 incident involving storm sewage. July 1998	N
IPPC/LAPPC Authorisations	/	/	None listed within 1km of the site.	N
Hazardous Substances Consents	/	/	None listed within 2km of the site.	N
Sensitive Land Uses	105	N	Ancient Woodland	N

No current or historical industrial activities have been recorded on the site. Given the relative distance from site to the majority of the identified off-site potential sources of contamination and the generally impermeable nature of the underlying geology, it is considered very unlikely that any potential contaminants from any of the off-site sources could impact the site. Given the distance to the site, potential contaminants associated with the used Car/Salvage dealership located 61m to the east of the site could impact the site. Any potential risk is considered very low.

6.8 Planning Application History

Wokingham Borough Council planning portal <https://planning.wokingham.gov.uk/FastWebPL/results.asp> accessed on 13th May 2024 showed the following relevant listings

Application Number	Application Date	Proposal Details / Comments	Decision
230110	17/01/2023	Langley Pond Farm Livery Stables School Road Barkham, Wokingham, RG41 4TN: Conversion of the existing equestrian barn, raising of the roof to create first floor accommodation and erection of a two storey front extension with porch canopy roof and 2 no. dormers to form 1 no. four bedroom dwelling with associated access, bin storage and parking, plus conversion and extension of existing stables to form a garage and storage, demolition of outbuildings and the temporary replacement of an existing trailer home.	Application Withdrawn
220684*	03/03/2022	Handpost Cottage, Handpost Farm School Road Barkham, Wokingham, RG41 4TN: Erection of a replacement dwelling and incorporation of the existing Handpost Cottage Annex into Handpost Farm (house). Demolition of menage building	Refused on appeal
213690	09/11/2021	Handpost Cottage, Handpost Farm School Road Barkham, Wokingham, RG41 4TN: Certificate of existing lawful development for the use of an existing annexe as an independent residential dwelling	Approved
213642	04/11/2021	Fieldfare School Road, Barkham Wokingham RG41 4TN: Loft conversion consisting 1 no. flat roof dormer to rear elevation and 2 no. roof lights to front elevation.	Approved
201302	29/05/2020	High Bank School Road, Arborfield, Wokingham RG2 9NX: Erection of a single storey rear extension including 1no roof light, single storey side extension following demolition of existing single storey side extension, alterations to roof, single storey front extension to create porch after demolition of existing porch and changes to fenestration.	Approved
202930	29/10/2020	Arborfield School House School Road, Arborfield, Wokingham RG2 9NX: Erection of a single storey rear extension with insertion of 4no. roof lights	Approved
180596	28/02/2018	Land North and South of School Road Arborfield Cross Wokingham Outline Planning Application for the proposed erection of up to 120 dwellings and all associated parking, landscaping, internal road network and public open space.	Refused

6.9 Ground Gas Risk

There are no current or historical landfill sites within 500m of the site. The risk of ground gas is considered negligible.

6.10 UXO Risk Management

The possibility of unexploded ordnance (UXO) being encountered on a site falls within the category of a potentially significant risk and should be addressed as a legal duty under the Construction (Design and Management) Regulations by the Client as early as possible in a project.

The CIRIA publication C681 Ref [15] has been developed to provide a consistent framework for the management of potential risks posed by UXO during site investigation and groundwork phases of construction. The process adopts a tiered approach, divided into four distinct stages; Preliminary risk assessment, Detailed risk assessment, Risk mitigation and Implementation.

The agreed scope of work did not allow for either a preliminary or detailed UXO risk assessment. However, a pre-desk study (UXO) risk assessment carried out on Zetica UXO risk assessment website indicates that the site is located in a Low UXO risk area.

7 Site Walkover Survey

A walkover survey was carried out by a geoenvironmental engineer on 24th April 2024 at which time the weather was bright and sunny.

7.1 General Site Description and Boundaries

The site is located immediately to the north of The Coombes CoE Primary School and comprises agricultural land divided into two fields by a line of trees (Field 1 to the east and Field 2 to the west). At the time of the site visit, Field 1 was noted to have been ploughed. Field 2 is covered with grass.

Access to both fields is via Wood Lane along the eastern boundary and through the northern boundary of each field.

A summary of the site boundaries is presented in the table below. .

Boundary	Field 1 (East)	Field 2 (West)
North	Farm land	Farm land
South	School Road beyond which is a farm land	The Coombes CoE Primary School
South East	Langley Pond Farm yard	-
East	Wood Lane	-
West	-	A track and drain ditch beyond which is a farm land

7.2 Topography and Drainage

The site is generally flat with a gentle slope down to the north and locally to the east. A drainage ditch runs along the eastern boundary and also along the western boundary.

7.3 Vegetation

The site is enclosed with trees of varying maturity forming the site boundaries.

7.4 Buildings and Land Use on Site and Nearby

The site is agricultural land with no structures present on it. The land use of immediate surrounding areas is predominantly farming with a school and a few houses.

7.5 Inaccessible Site Areas

All areas of the site were accessible during the walkover.

7.6 Site Photographs

A series of photographs showing the site and surrounding area is included in Appendix B.

C PRELIMINARY SITE MODELS

8 Conceptual Engineering Geological Ground Model

From the desk study information and walkover undertaken at this site the following conceptual ground model has been formulated.

Data Source	Comments
Geology	The recorded soils beneath the site comprise London Clay with no superficial covering. Alluvial soils are shown to the immediate south. The London Clay is anticipated to be a relatively uniform plastic silty clay soil, of firm or stiff consistency. In general it would be expected that low-rise structures up to two or three storeys of masonry construction would be adequately supported on normal spread foundations in the London Clay. Alluvial soils could in theory extend onto the site in which case lower bearing capacity or deeper foundations could be required.
Former Site Use	The site is agricultural land with no contaminative history where the presence of contamination would not, in general, be expected. Agro-chemicals such as pesticides and herbicides could potentially have been used. The significance of these contaminants are usually minimal.
Groundwater	Groundwater levels in clay soils such as the London Clay are typically high during wet and winter months often within 1m of ground level, representing full saturation of the low permeability soils. Groundwater ingress into excavations is however, not typically a significant problem due to the low permeability and is normally controlled by periodic pumping from sumps within the main excavation.
Surface Water	The site is located in an area of low risk from surface water flooding and from flooding from rivers without defences. Suitable surface water drainage will need to be considered for the proposed development. Given the impermeable nature of the London Clay, conventional soakaways may not be feasible at this site.
Potential Geo-hazards	The potential swelling and shrinkage of clay soils of the London Clay is a potential geohazard. London Clay would be expected to be of NHBC Medium or High Volume Change Potential. Where the proposed buildings area within the influence trees and other vegetation, foundations may require deepening to be sufficiently protective of desiccated soils.

On the basis of the available information the geotechnical categorization for the proposed structure(s) is considered to fall within Geotechnical Category 2 – Conventional structure with no exceptional risk or difficult ground or loading conditions; Eurocode 7 Ref [16].

9 Conceptual Site Model

In the context of this report, the conceptual model summarises the potential pollutant linkages identified for the site and forms the basis of the risk assessment for the site. The preliminary model comprises the potential sources of contamination, receptors that could be harmed and exposure pathways identified from the desk study and walkover survey. These potential linkages form the basis upon which the investigation is designed and reported.

9.1 Potential Sources of Contamination

The site has a history of agricultural land use and is located within a predominantly agricultural area with a school and some houses.

With the exception of farming activities, no potentially contaminative uses have been identified on site and the immediate surrounding areas.

Potential contaminants associated with these uses have been compiled from DoE industry profiles and our experience of such sites.

The likely hazard to site has been evaluated based on the UK CIRIA C552 approach (see Appendix C for details),

9.1.1 On-Site Sources

Potential Source		Potential Contaminants	Likely hazard to Site
Historic use of the site	Arable farm land	Heavy Metals, Pesticides/Herbicides, PAHs, Petroleum Hydrocarbons	Low
Current use of the site	Arable farm land	Heavy Metals, Pesticides/Herbicides, PAHs, Petroleum Hydrocarbons, nitrate, ammonia	Low
Radon		Not within an area affected by Radon	N/A
Ground and/or surface water		Heavy Metals, Pesticides/Herbicides, PAHs, Petroleum Hydrocarbons nitrate, ammonia	Very Low
Ground Gases/Vapours		Methane, carbon dioxide, carbon mono oxide, hydrogen sulphide	Negligible

9.1.2 Off-Site Sources

The site may be impacted by contamination migrating from beyond the site boundary. The following potential off-site sources have been identified.

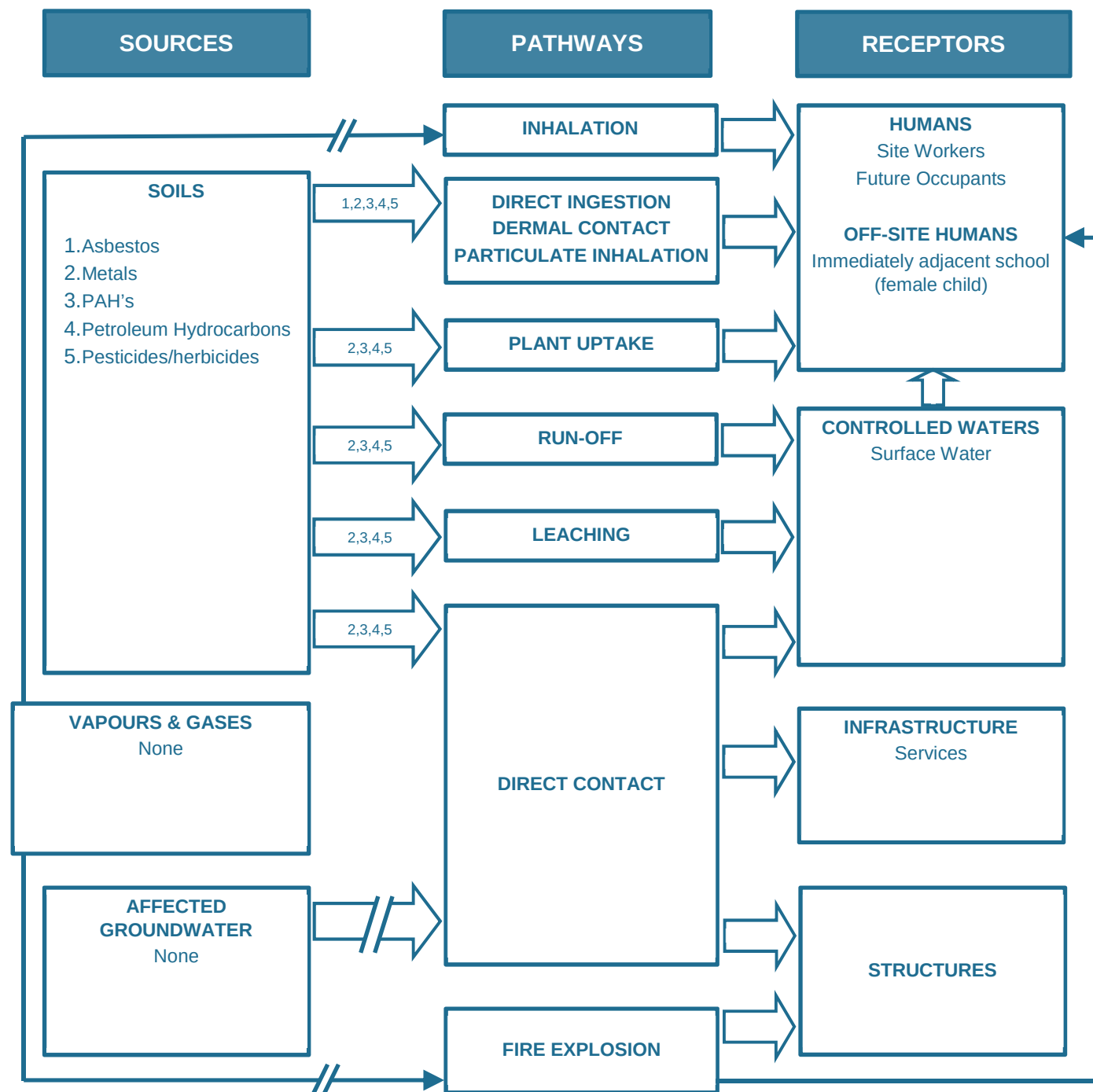
Potential Source	Distance from Site Boundary	Direction	Potential Contaminants	Likely hazard to Site
Arable farm land	Within 50	All directions	Heavy Metals, PAHs, Pesticides/Herbicides, Petroleum Hydrocarbons	Very Low
Used Car/Salvage Dealer	61	E	Heavy Metals, PAHs, Petroleum Hydrocarbons	Very Low

Only mobile phase contaminants from off-site sources could impact the site. The main pathway for these potential contaminants to migrate and impact on the site would be through groundwater or vapour/land gas.

Given the impermeable nature of the London Clay, there is no plausible preferential pathway for any of these contaminants to migrate onto the site.

9.2 Pollutant Linkages and Conceptual Site Model Summary

The following diagram shows the potential pollutant linkages identified for the site and summarises the preliminary conceptual model:



// Denotes potential pollutant linkage not complete.

10 Conclusions and Recommendations

The preliminary conceptual site model identified sources of contamination associated with the potential use of agrochemicals and associated residual heavy metals and potential incidental leakage of oils from farming machinery on site. Although, the potential contamination risks associated with these sources are likely to be minimal, it is recommended that a non-targeted intrusive investigation is carried out prior to development to determine the nature and extent of contamination (if any) is present on site. The investigation should include the construction of a series shallow trial holes to take soil samples for chemical analysis.

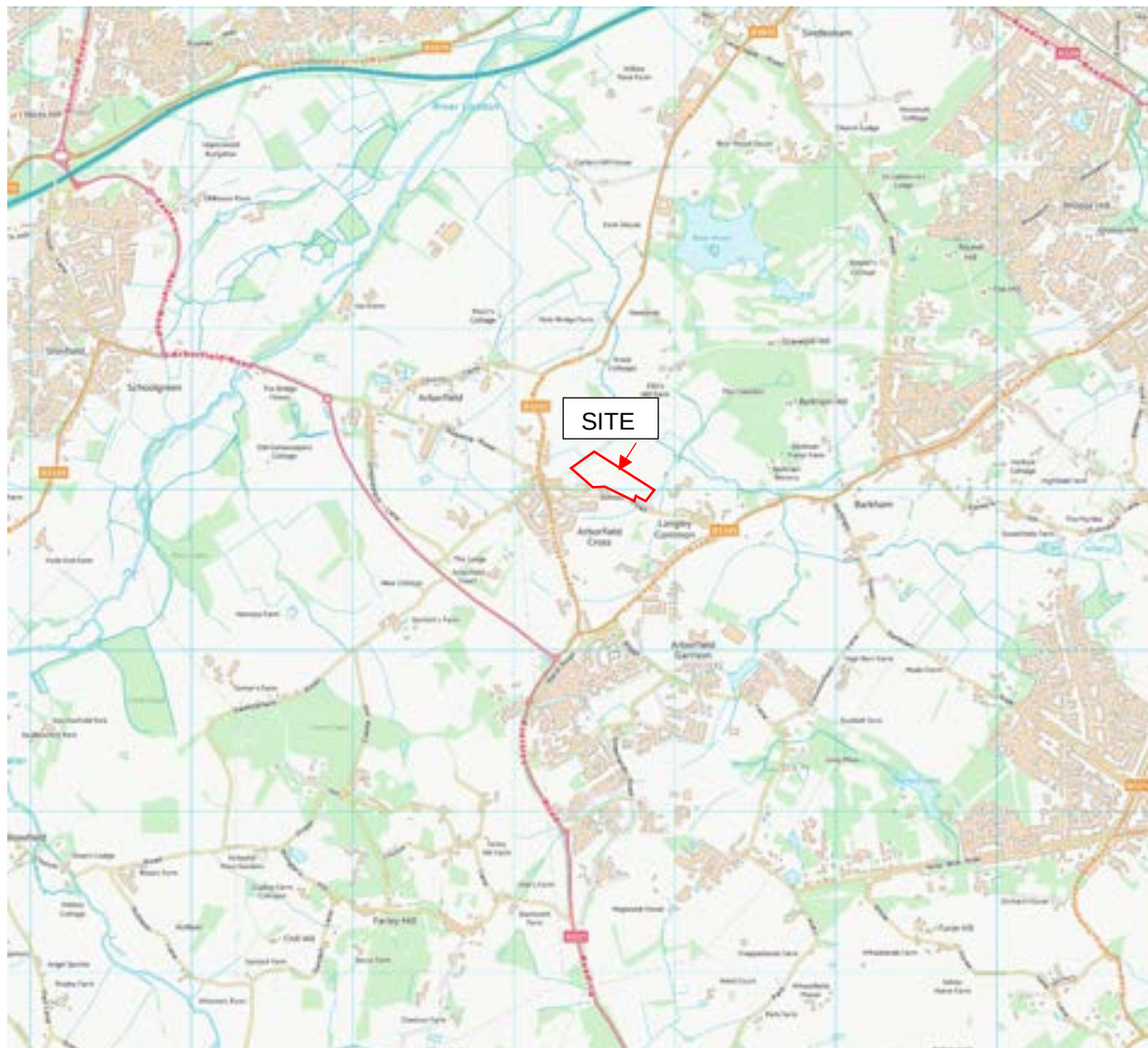
The investigation should be used to assess the ground conditions and to provide geotechnical parameters to support the design of foundations.

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- [16] BSI Standards, "Eurocode 7 Geotechnical Design," 2013.

APPENDIX A
Site Plans





Contains Ordnance Survey Data © Crown Copyright and Database Right 2024

Site:	School Road, Arborfield Cross RG41 4TN	Project ID	JT0584
Figure 1	Site Location Plan	Date:	15/05/2024



Site:	School Road, Arborfield Cross RG41 4TN	Project ID	JT0584
Figure 2	Site boundary	Date:	15/05/2024

APPENDIX B

Photographs



B



General view of Field 1 to the east



Access to Field 1 along the northern boundary



Line of trees separating Field 1 & 2



Access track to Field 2 along the northern boundary



General view of Field 2 to the west



Farm machinery parked in the middle of the field 2



Rear view of the school. Facing southern boundary from Field 2



Rear view of the school. Facing southern boundary from Field 2



Drainage Ditch along the eastern boundary of Field 1



Wood Lane forming the eastern boundary of Field 1



View of Langley Pond Farm – Outside SE corner of site.



View of existing buildings within the Langley Pond Farm

A collage of six images related to environmental remediation: a large pipe, a worker in a hazmat suit, a close-up of soil, a hand holding a probe, a red remediation vehicle, and a worker digging.

APPENDIX C

Risk Assessment Criteria – after
contaminated land risk
assessment: A guide to good
practice



Classification of consequence, probability and risk, based on CIRIA C552 Contaminated Land Risk Assessment – A Guide to Good Practice (London 2001)

Classification of Consequences

Score	Classification	Definition
1	Minor	Harm, although not necessarily significant, which may result in financial loss, or expenditure to resolve. No permanent effect to human health. Easily repairable effects of damage to buildings, structures and services.
2	Mild	Pollution of non-sensitive water resources. Significant damage to crops, buildings (e.g. making it unsafe to occupy), structures and services. Damage to sensitive buildings, structures, services or the environment.
3	Medium	Significant harm to human health – the concentrations of contaminants are above the generic assessment criteria or site specific assessment criteria. Pollution of sensitive water resources – leaching to a major or minor aquifer. Significant changes in a particular ecosystem or organism forming part of such an ecosystem (death of a species within a designated nature reserve).
4	Severe	Short term (acute) risk to human health, likely to result in 'significant harm'. Short term risk of pollution of a sensitive water resource. Catastrophic damage to buildings and property. A short term risk to a particular ecosystem or organism forming part of such an ecosystem.

Classification of Probability

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

Classification of Risks & Likely Required Action

		Consequence			
		Minor 1	Mild 2	Medium 3	Severe 4
Probability	Highly Likely 4	Moderate/Low Risk	Moderate Risk	High Risk	Very High Risk
	Likely 3	Low Risk	Moderate/Low Risk	Moderate Risk	High Risk
	Low Likelihood 2	Very Low Risk	Low Risk	Moderate/Low Risk	Moderate Risk
	Unlikely 1	Very Low Risk	Very Low Risk	Low Risk	Moderate/Low Risk

Score	Risk	Classification	Likely Action Required
1 – 3	Very Low Risk	There is a low possibility that harm could arise to a receptor. If harm does arise, it is likely to be mild.	Action unlikely to be required.
3 – 6	Low Risk	Harm to a designated receptor could arise from an identified hazard. However, it is likely the harm would be mild.	Action may be required.
8 – 9	Moderate Risk	Harm to a designated receptor from an identified hazard is possible. However, it is relatively unlikely harm would be severe, or any harm to occur would be relatively mild.	Investigation is required to clarify the risk/s. Remediation may be required in the longer term.
12	High Risk	Harm is likely to arise to a receptor/s from an identified risk. The consequences of the risk would likely be substantial.	Investigation is required in the short term. Remediation work may be necessary in the short term, but likely in the long term.
16	Very High Risk	A high probability that severe harm has already happened. The consequences of the risk would be substantial.	Immediate action, urgent investigation and/or remediation is required.

A collage of six images related to environmental and geotechnical work. Top left: A large white pipe and a map. Top middle: A close-up of a soil sample in a sieve. Top right: A hand holding a soil sample. Bottom left: A person in a yellow safety suit working. Bottom middle: A red truck with 'Southern' on the side. Bottom right: A person working with soil in a container.

APPENDIX D

Phase 1 Desk Study – Historical Mapping

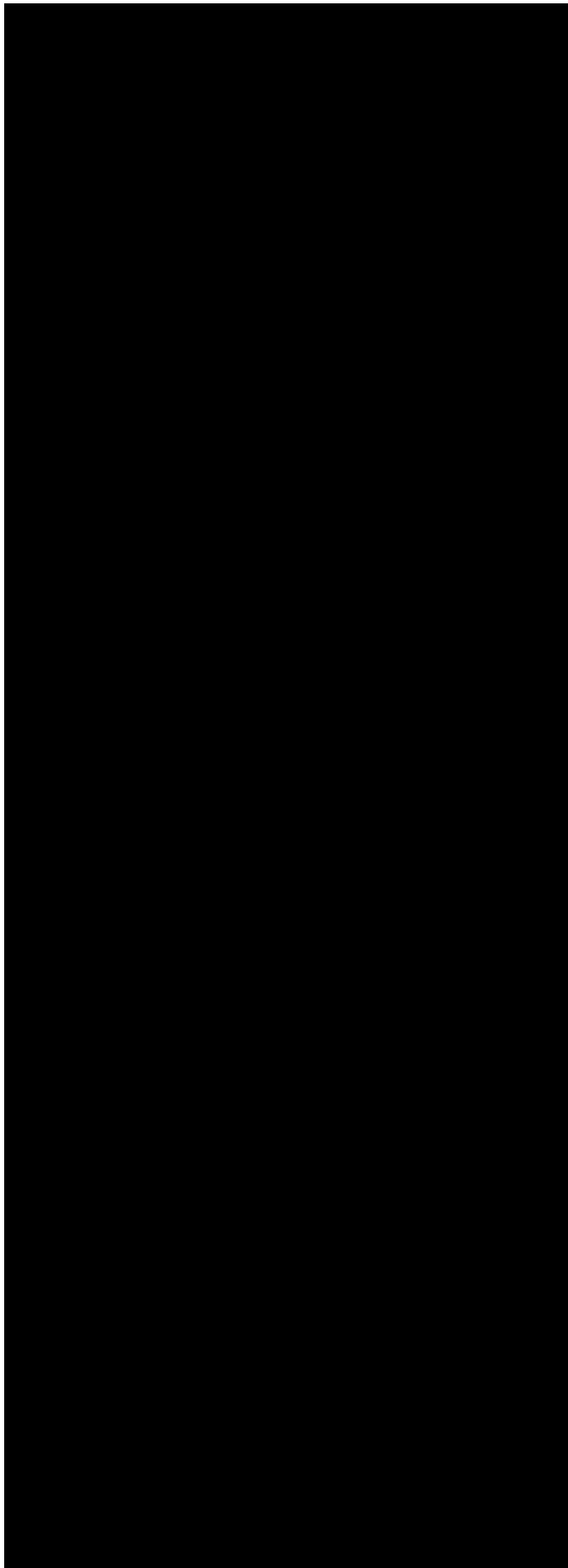
D

Historical Ordnance Survey Map Interpretation				
Date	Scale	Features On Site	Features Off Site	Significant Potential Contamination Sources
1872	1:2,500	Agricultural land	Agricultural land	
1876	1:2,500	Agricultural land	Agricultural land. Langley Pond Farm in the SE corner of site. Wood Lane runs along the eastern boundary. A road runs along the western boundary. Arborfield Farm located 200m to the west of the site. The Arborfield Cross township development located 200m to the SW. A stream is shown 240m to the north and flowing in east-west direction.	
1899	1:2,500	No change in land use	A school is shown to the south of the site. The road along the western boundary is named Cole Lane	
1911	1:2,500	No change in land use	Arborfield Farm now named Newland Farm. The stream 200m to north is shown to be flowing in the westerly direction.	
1933	1:2,500	No change in land use	No significant change with the exception of continuous development in the township.	
1968	1:2,500	No change in land use	The school has expanded and labelled 'Arborfield, Newland Barkham CoE School. Development of the Arborfield Cross town has expanded close to immediately south of the school. Some of the buildings in the Langley pond farm appears to have been demolished.	
1978	1:2,500	No change in land use	Continuous development of the Arborfield Cross town. The school is now spilt into The Coombes County Infants School and Arborfield, Newland Barkham CoE Junior School.	
1996	1:2,500	No change in land use	No significant change in land use.	

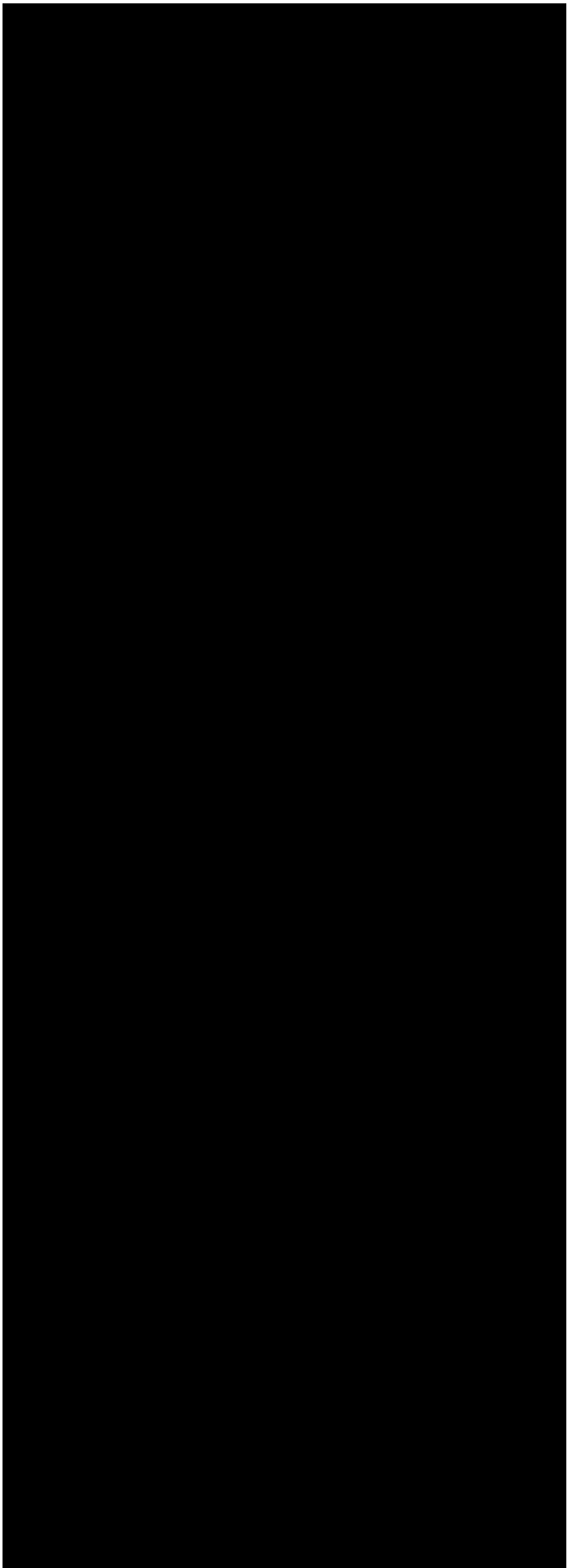
NOTE: Additional maps at 1:10,560 and 1:10000 scale of similar age have been obtained. These maps are appended but do not provide much additional information.

Historical Mapping Legends

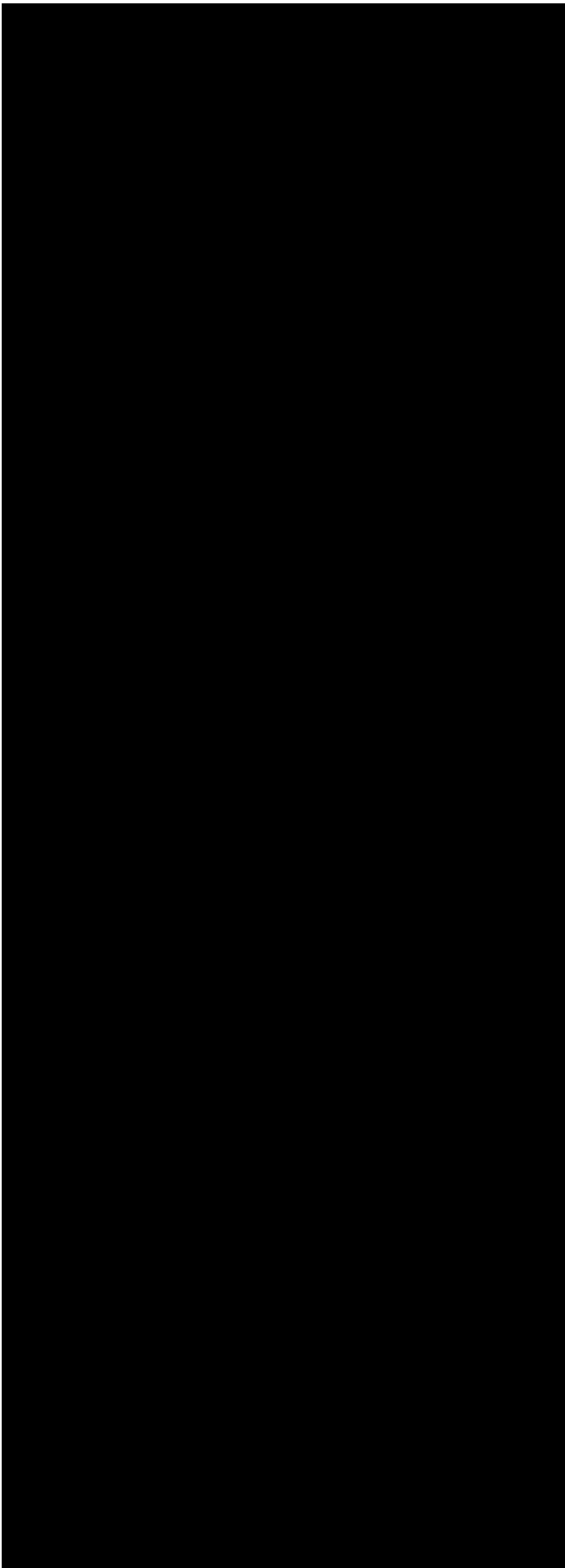
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



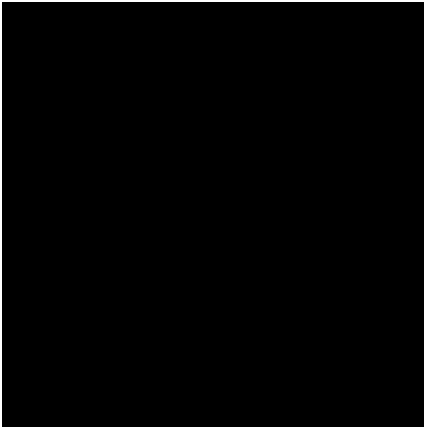
1:10,000 Raster Mapping



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Berkshire	1:10,560	1876 - 1883	3
Berkshire	1:10,560	1900	4
Berkshire	1:10,560	1901	5
Berkshire	1:10,560	1912	6
Berkshire	1:10,560	1932	7
Berkshire	1:10,560	1938	8
Historical Aerial Photography	1:10,560	1948	9
Ordnance Survey Plan	1:10,000	1961	10
Ordnance Survey Plan	1:10,000	1971	11
Ordnance Survey Plan	1:10,000	1979	12
Ordnance Survey Plan	1:10,000	1990	13
Reading	1:10,000	1990	14
10K Raster Mapping	1:10,000	1999	15
10K Raster Mapping	1:10,000	2006	16
VectorMap Local	1:10,000	2024	17

Historical Map - Slice A



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

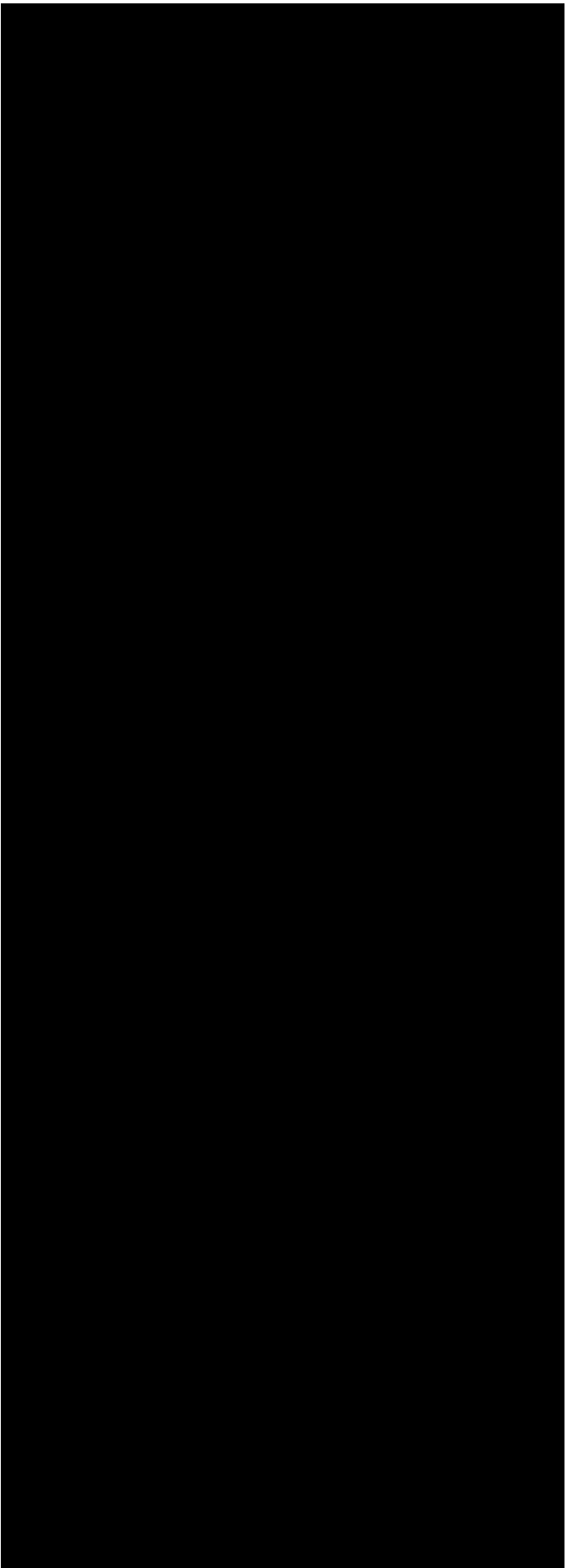
Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN



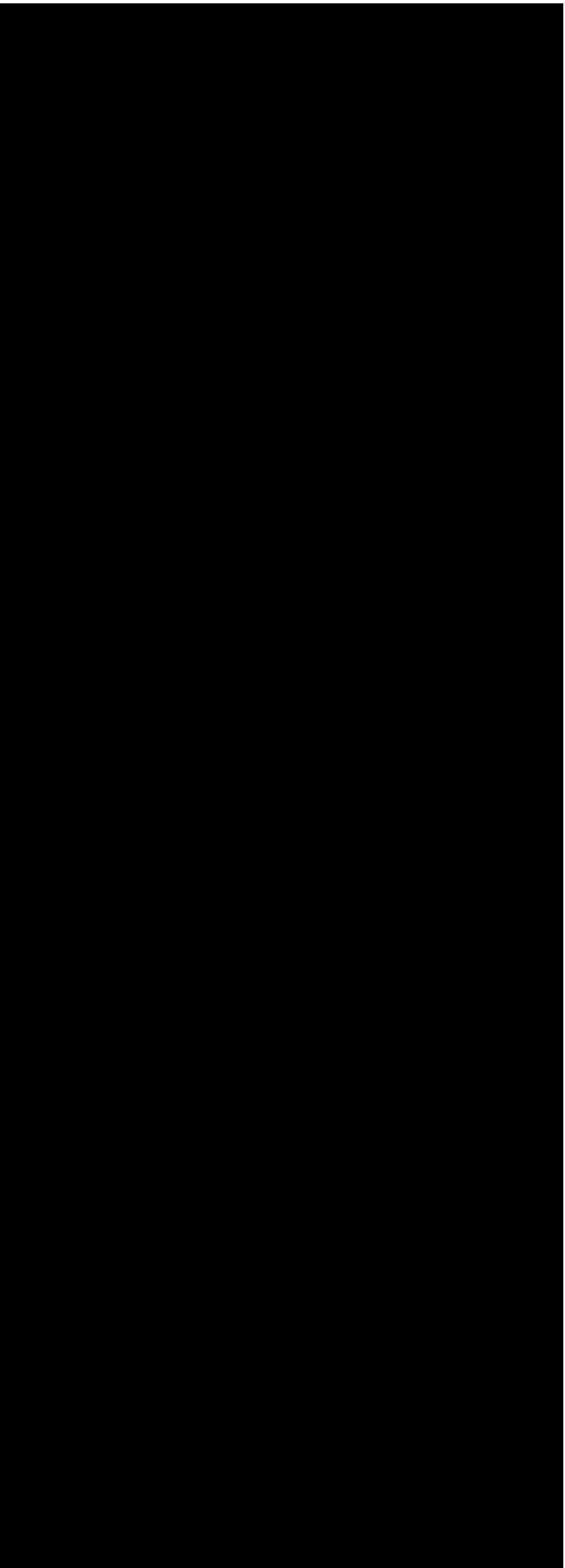
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Russian Military Mapping Legends

1:5,000 and 1:10,000 mapping



1:25,000 mapping



Key to Numbers on Mapping

SU76NE_Reading

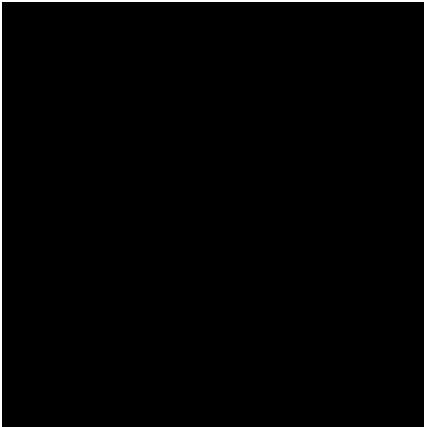
No.	Description
54	Sewage Works



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Berkshire	1:10,560	1876 - 1883	3
Berkshire	1:10,560	1900	4
Berkshire	1:10,560	1901	5
Berkshire	1:10,560	1912	6
Berkshire	1:10,560	1932	7
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Ordnance Survey Plan	1:10,000	1990	13
Reading	1:10,000	1990	14
10K Raster Mapping	1:10,000	1999	15
10K Raster Mapping	1:10,000	2006	16
VectorMap Local	1:10,000	2024	17

Russian Map - Slice A



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN



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

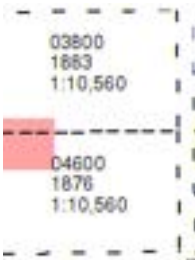
Berkshire

Published 1876 - 1883

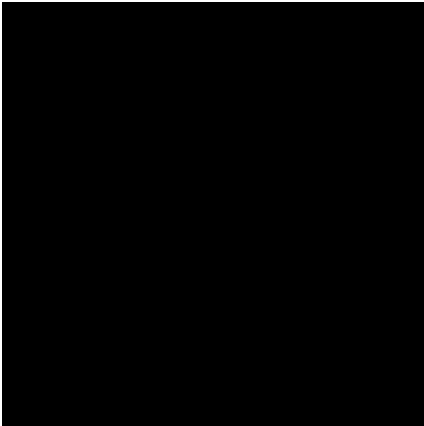
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

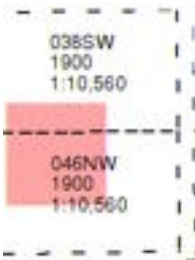
Berkshire

Published 1900

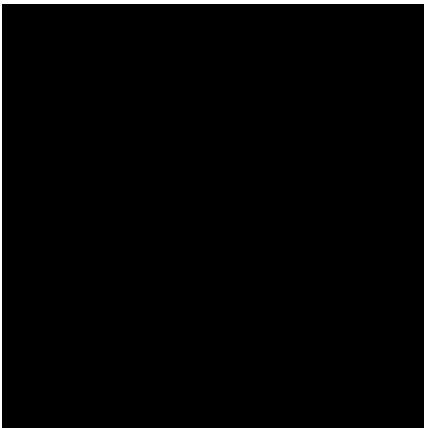
Source map scale - 1:10,560

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

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Site Details

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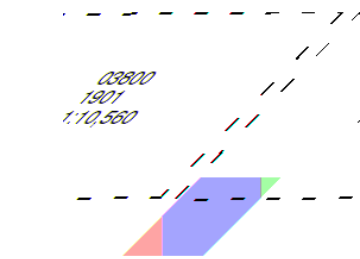
Berkshire

Published 1901

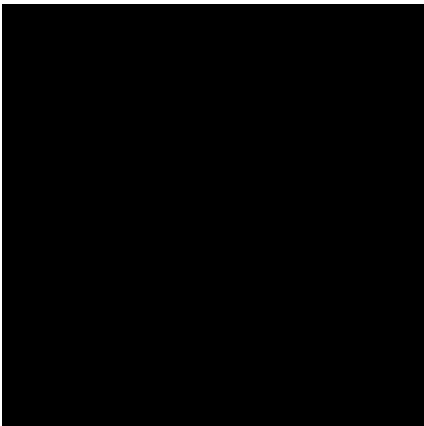
Source map scale - 1:10,560

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

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Site Details

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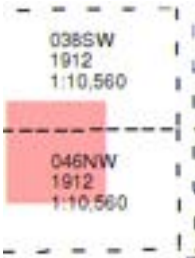
Berkshire

Published 1912

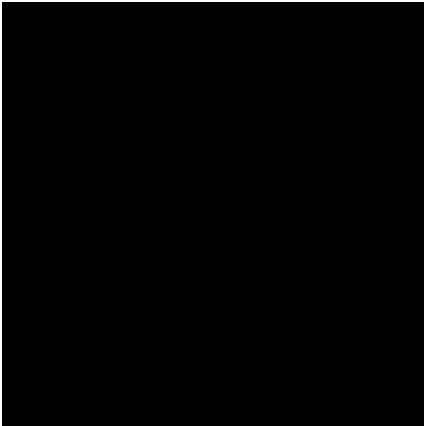
Source map scale - 1:10,560

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

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Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

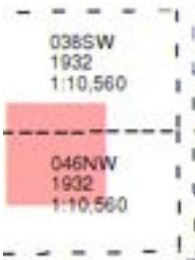
Berkshire

Published 1932

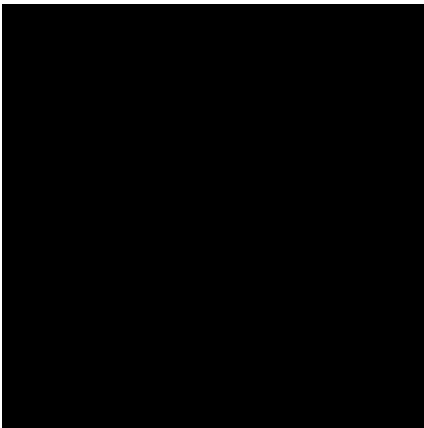
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840’s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

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Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

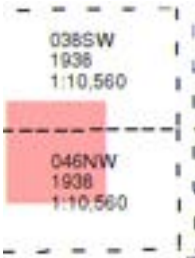
Berkshire

Published 1938

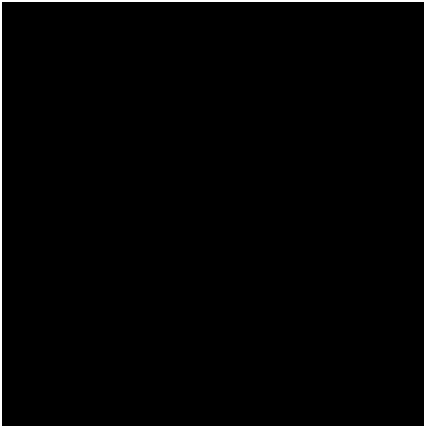
Source map scale - 1:10,560

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Slice: A
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Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

Historical Aerial Photography

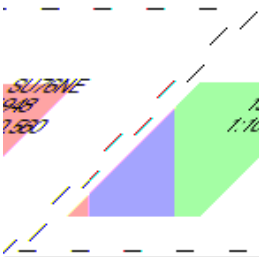
Published 1948

Source map scale - 1:10,560

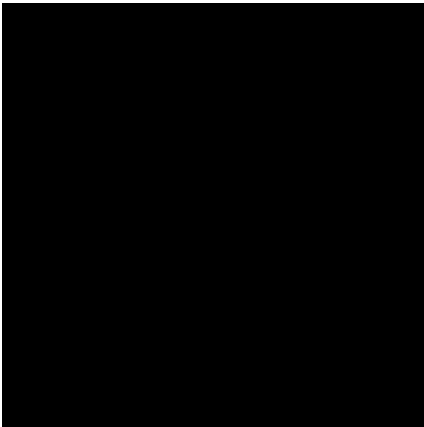
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

© Landmark Information Group and/or Data Suppliers 2010.

Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN

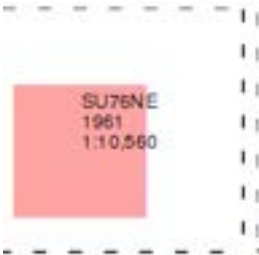
Ordnance Survey Plan

Published 1961

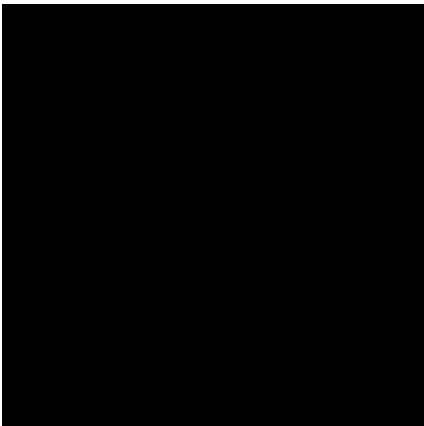
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:343803462_1_1

Customer Ref:JT0584_RJ

National Grid Reference:476640, 167070

Slice:A

Site Area (Ha):8.17

Search Buffer (m):1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN

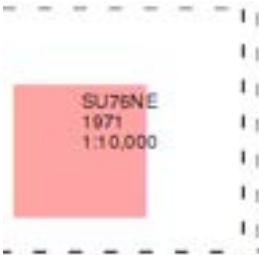
Ordnance Survey Plan

Published 1971

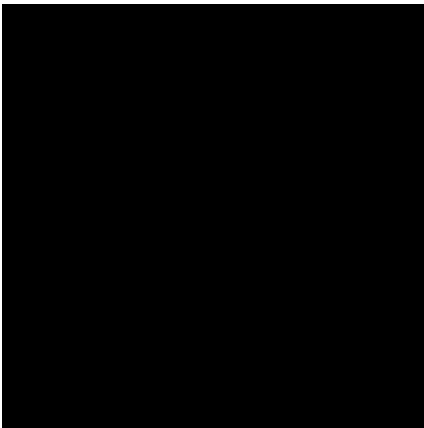
Source map scale - 1:10,000

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Historical Map - Slice A



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Slice:A

Site Area (Ha):8.17

Search Buffer (m):1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN

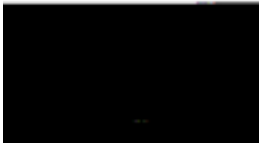
Ordnance Survey Plan

Published 1979

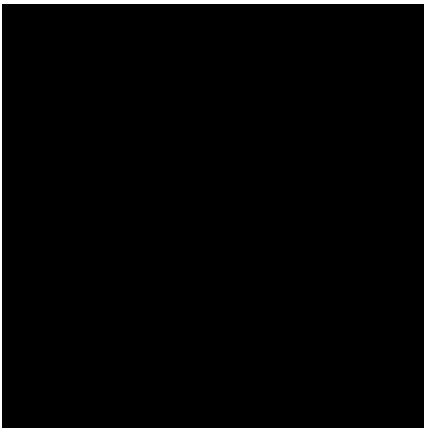
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:

343803462_1_1

Customer Ref:

JT0584_RJ

National Grid Reference:

476640, 167070

Slice:

A

Site Area (Ha):

8.17

Search Buffer (m):

1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN

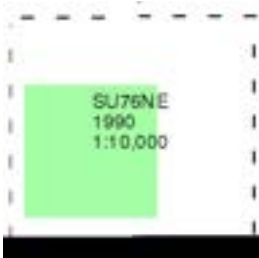
Ordnance Survey Plan

Published 1990

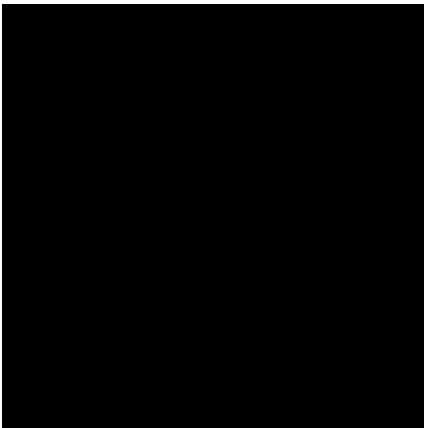
Source map scale - 1:10,000

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Historical Map - Slice A



Order Details

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343803462_1_1

Customer Ref:

JT0584_RJ

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476640, 167070

Slice:

A

Site Area (Ha):

8.17

Search Buffer (m):

1000

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Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN

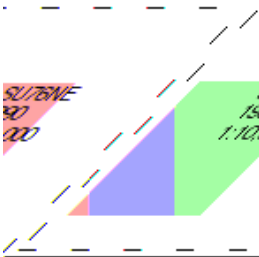
Reading

Published 1990

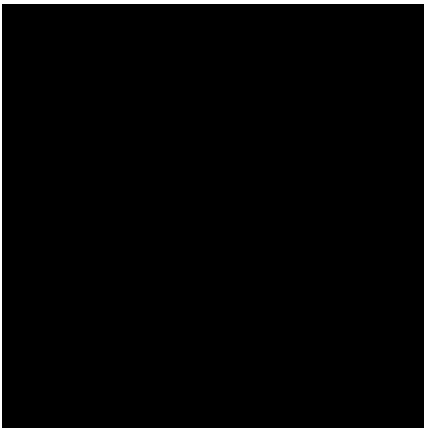
Source map scale - 1:10,000

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use. They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)



Russian Map - Slice A



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

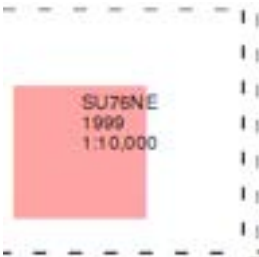
10k Raster Mapping

Published 1999

Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	343803462_1_1
Customer Ref:	JT0584_RJ
National Grid Reference:	476640, 167070
Slice:	A
Site Area (Ha):	8.17
Search Buffer (m):	1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

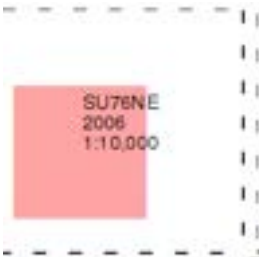
10k Raster Mapping

Published 2006

Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	343803462_1_1
Customer Ref:	JT0584_RJ
National Grid Reference:	476640, 167070
Slice:	A
Site Area (Ha):	8.17
Search Buffer (m):	1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

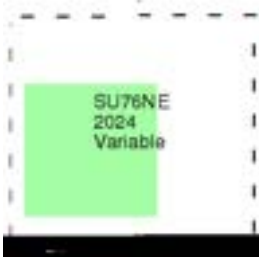
VectorMap Local

Published 2024

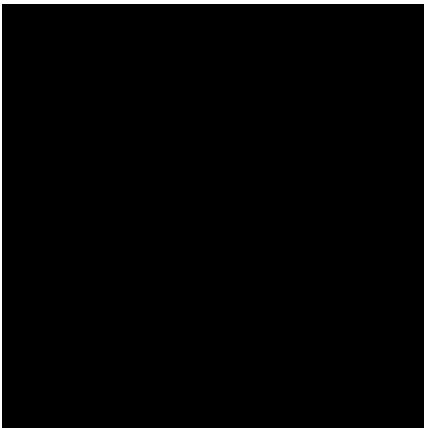
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

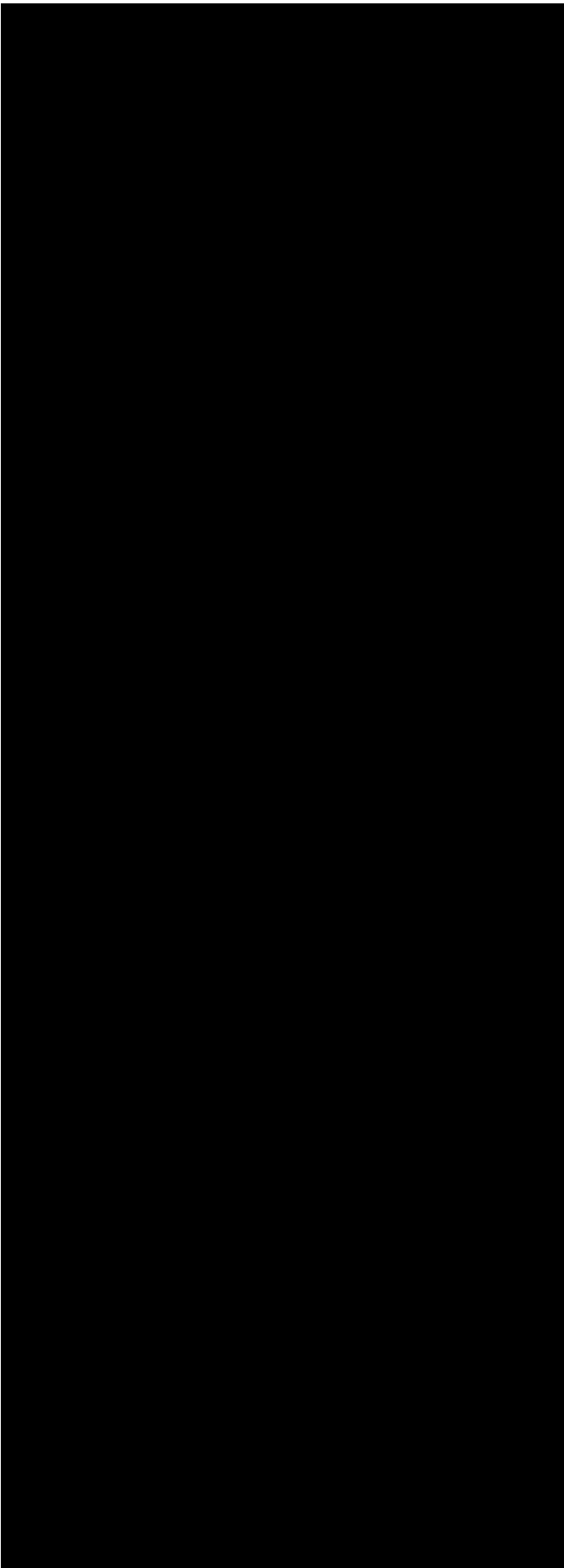
Order Number:	343803462_1_1
Customer Ref:	JT0584_RJ
National Grid Reference:	476640, 167070
Slice:	A
Site Area (Ha):	8.17
Search Buffer (m):	1000

Site Details

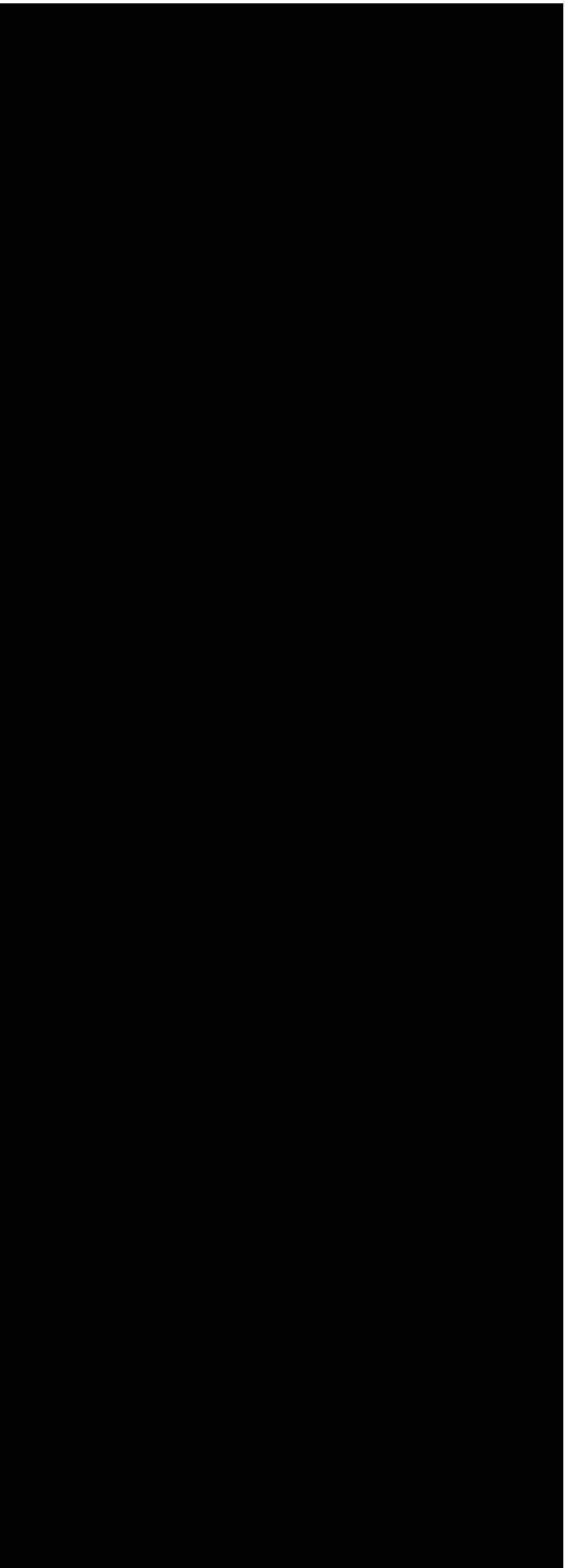
Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

Historical Mapping Legends

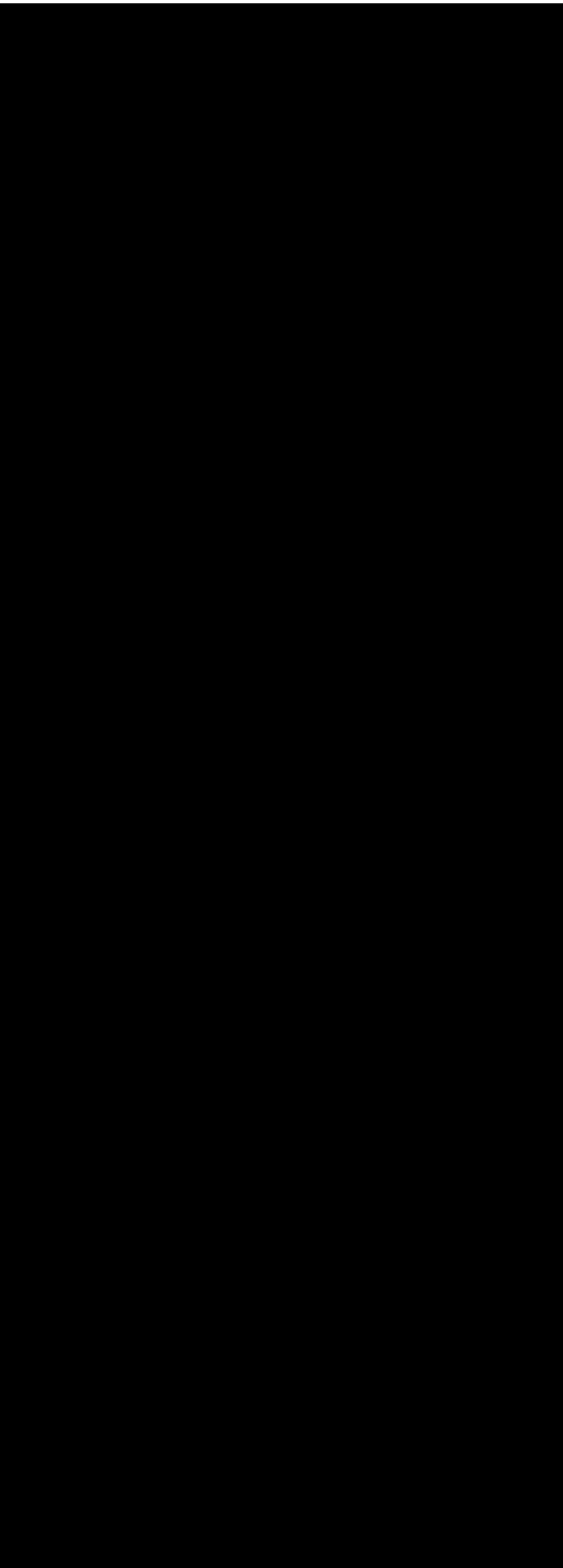
Ordnance Survey County Series and
Ordnance Survey Plan 1:2,500



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



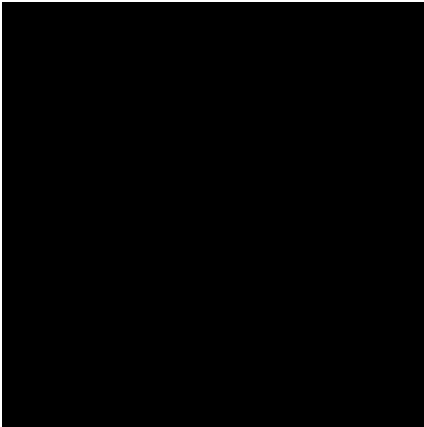
Large-Scale National Grid Data 1:2,500 and
1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Berkshire	1:2,500	1872	2
Berkshire	1:2,500	1876	3
Berkshire	1:2,500	1876	4
Berkshire	1:2,500	1899	5
Berkshire	1:2,500	1911	6
Berkshire	1:2,500	1933	7
Ordnance Survey Plan	1:2,500	1967 - 1968	8
Additional SIMs	1:2,500	1967 - 1978	9
Supply of Unpublished Survey Information	1:2,500	1972	10
Additional SIMs	1:2,500	1987	11
Large-Scale National Grid Data	1:2,500	1993	12
Large-Scale National Grid Data	1:2,500	1996	13
Historical Aerial Photography	1:2,500	1999	14

Historical Map - Segment A10



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



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

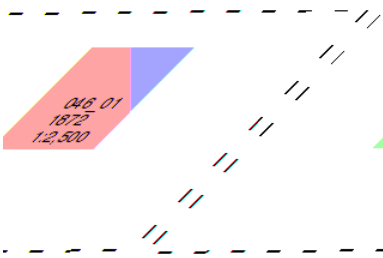
Berkshire

Published 1872

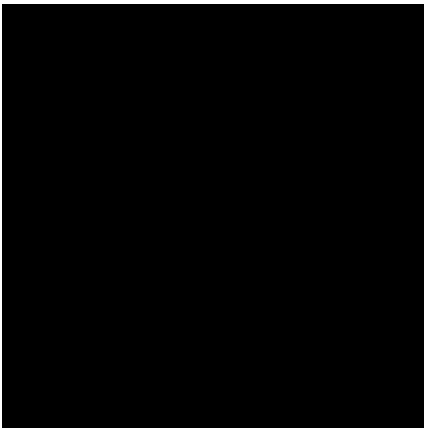
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

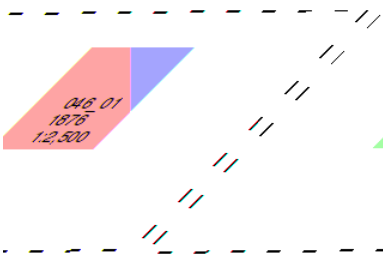
Berkshire

Published 1876

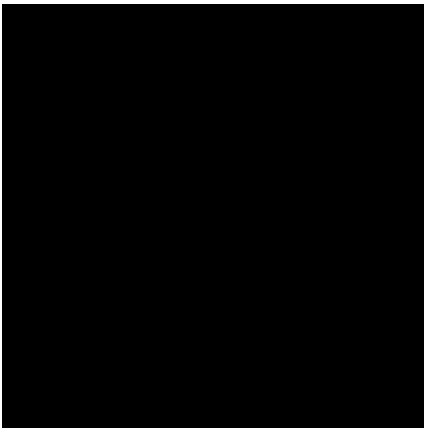
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

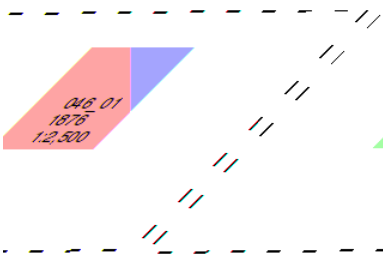
Berkshire

Published 1876

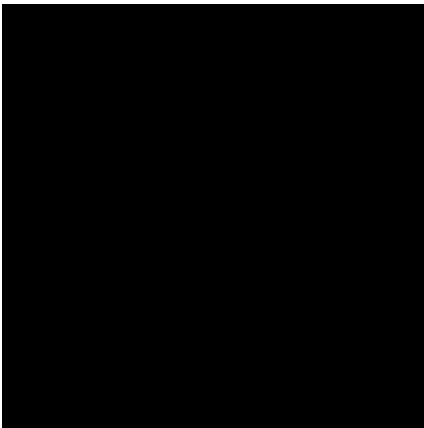
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

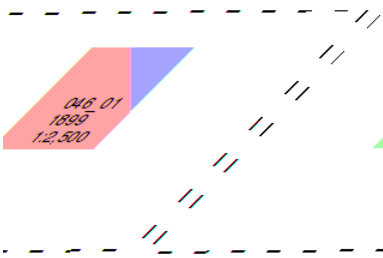
Berkshire

Published 1899

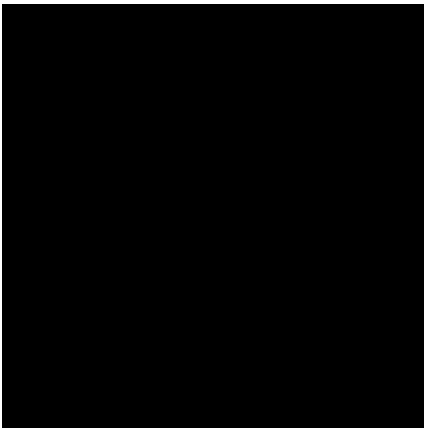
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

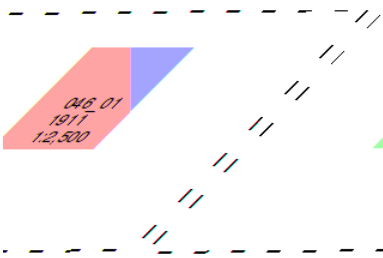
Berkshire

Published 1911

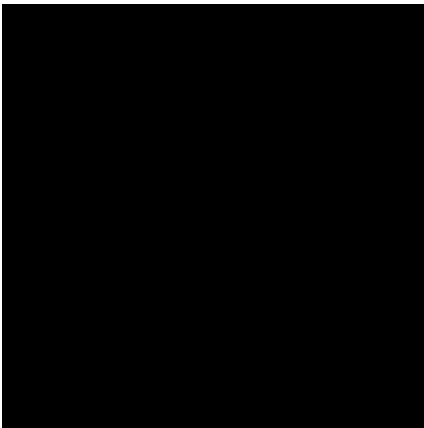
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

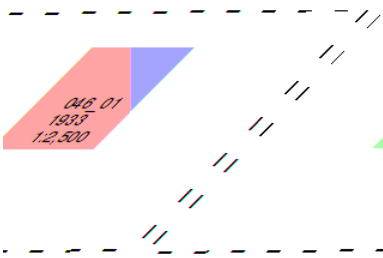
Berkshire

Published 1933

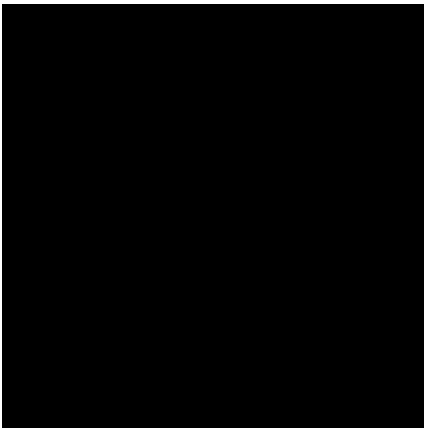
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

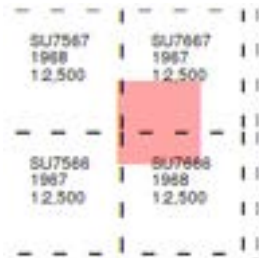
Ordnance Survey Plan

Published 1967 - 1968

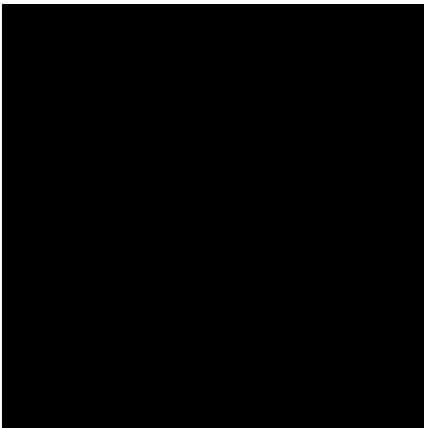
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number:343803462_1_1

Customer Ref:JT0584_RJ

National Grid Reference:476640, 167070

Slice:A

Site Area (Ha):8.17

Search Buffer (m):100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

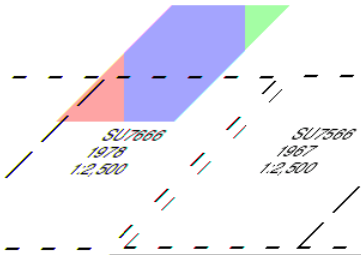
Additional SIMs

Published 1967 - 1978

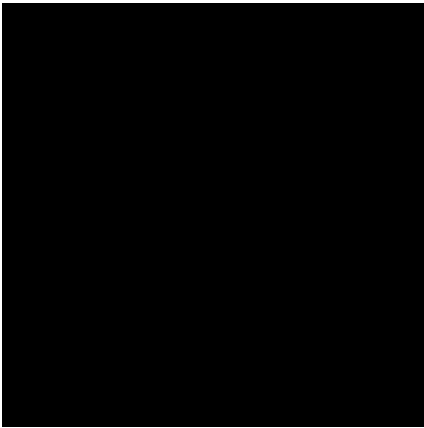
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

Supply of Unpublished Survey Information

Published 1972

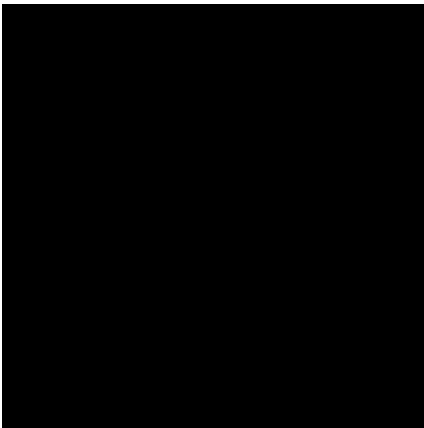
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

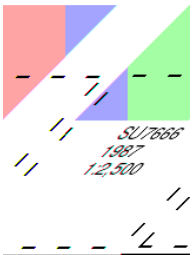
Additional SIMs

Published 1987

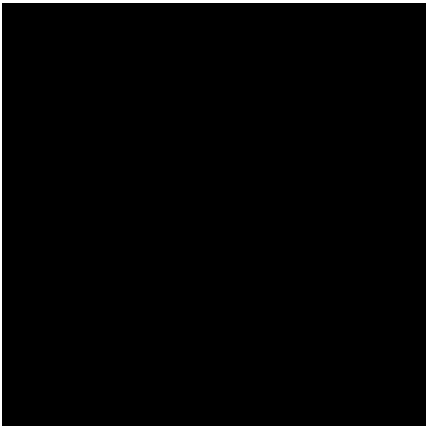
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN

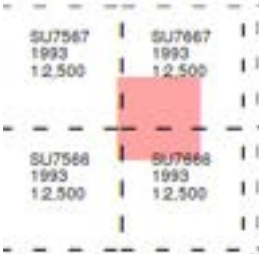
Large-Scale National Grid Data

Published 1993

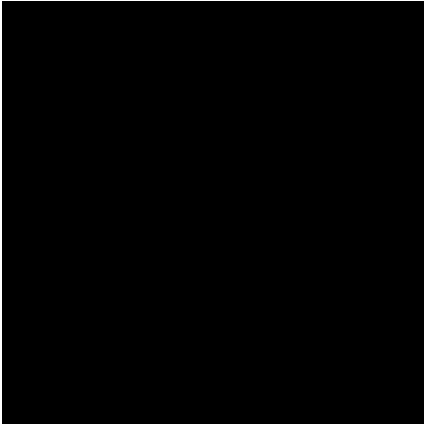
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

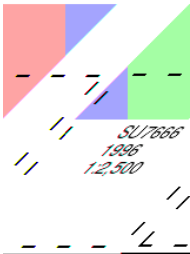
Large-Scale National Grid Data

Published 1996

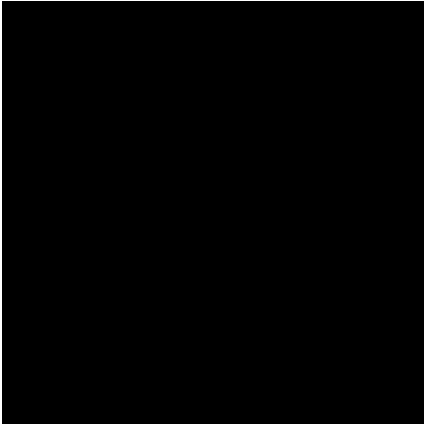
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A10



Order Details

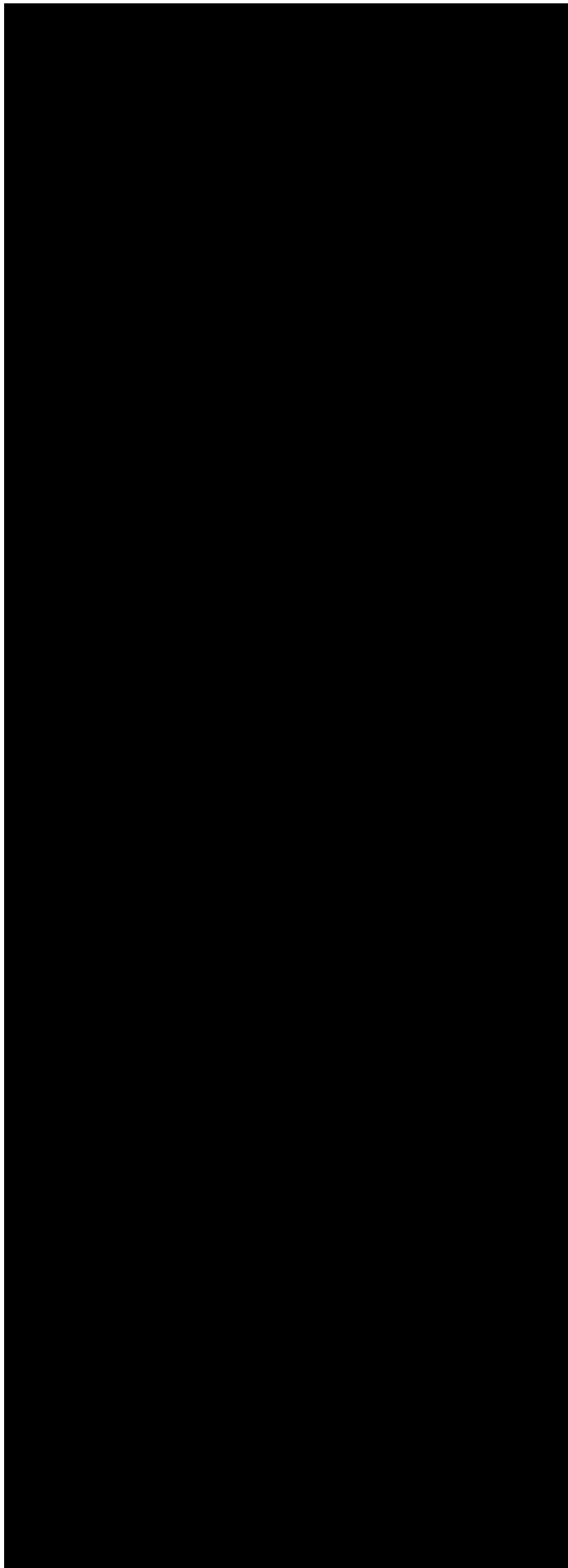
Order Number:	343803462_1_1
Customer Ref:	JT0584_RJ
National Grid Reference:	476640, 167070
Slice:	A
Site Area (Ha):	8.17
Search Buffer (m):	100

Site Details

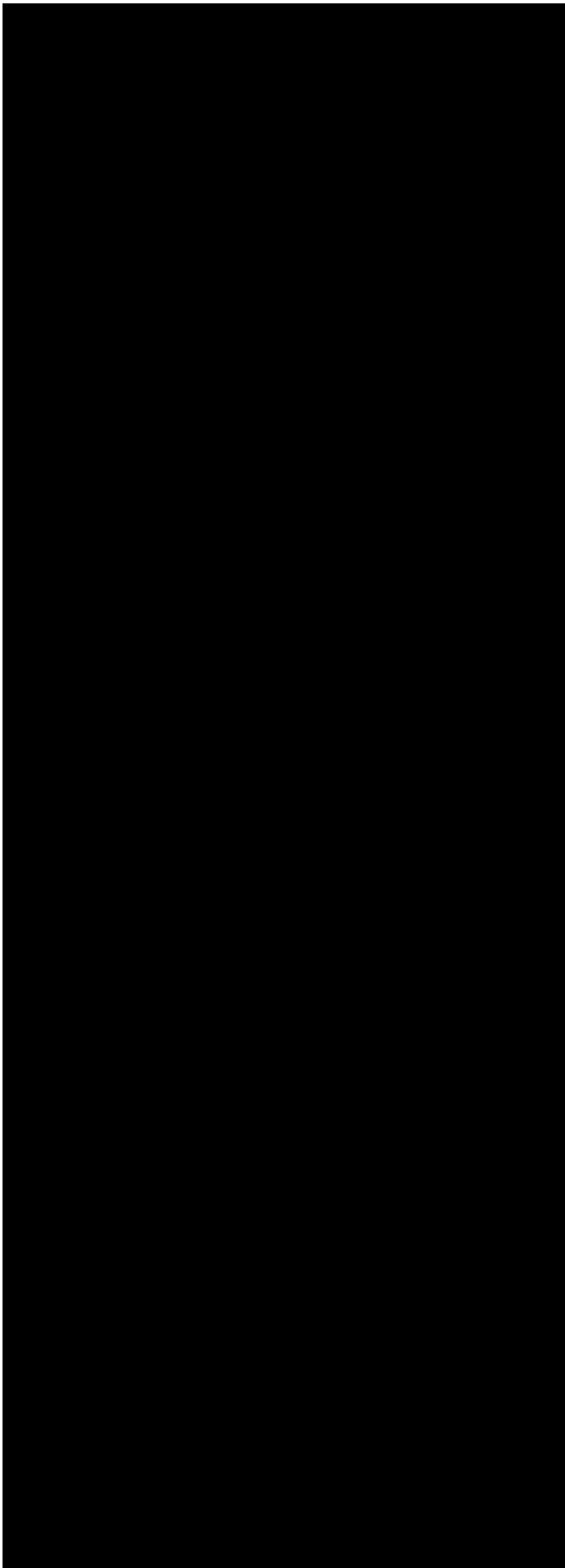
Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN

Historical Mapping Legends

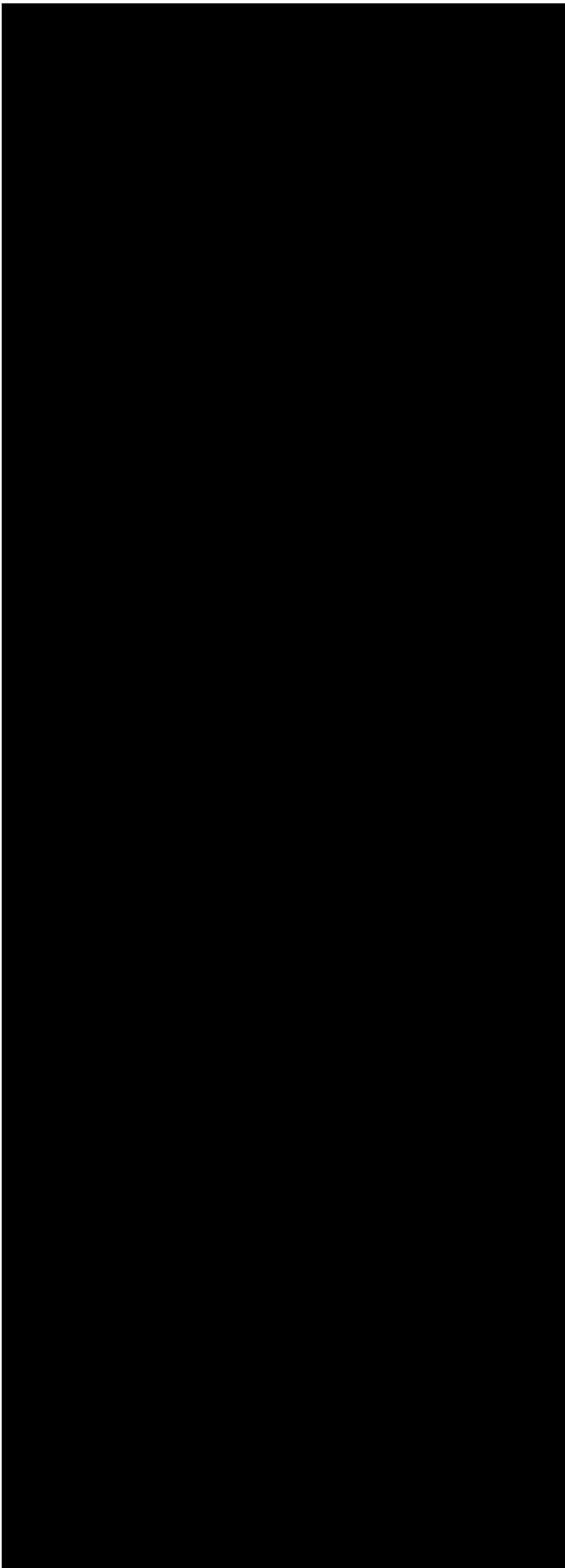
Ordnance Survey County Series and
Ordnance Survey Plan 1:2,500



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



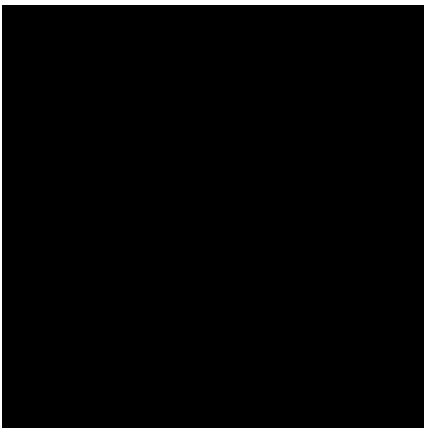
Large-Scale National Grid Data 1:2,500 and
1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Berkshire	1:2,500	1872	2
Berkshire	1:2,500	1876	3
Berkshire	1:2,500	1876	4
Berkshire	1:2,500	1899	5
Berkshire	1:2,500	1911	6
Berkshire	1:2,500	1933	7
Ordnance Survey Plan	1:2,500	1967 - 1968	8
Supply of Unpublished Survey Information	1:2,500	1972	9
Additional SIMs	1:2,500	1978 - 1987	10
Additional SIMs	1:2,500	1987	11
Large-Scale National Grid Data	1:2,500	1993	12
Large-Scale National Grid Data	1:2,500	1996	13
Historical Aerial Photography	1:2,500	1999	14

Historical Map - Segment A11



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



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

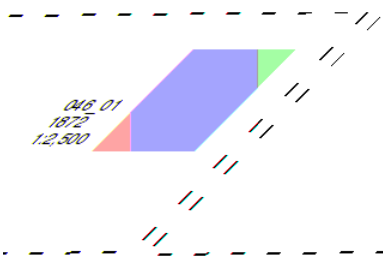
Berkshire

Published 1872

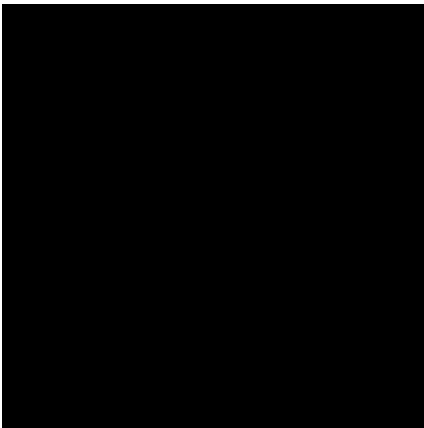
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

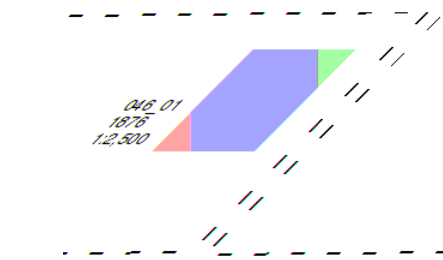
Berkshire

Published 1876

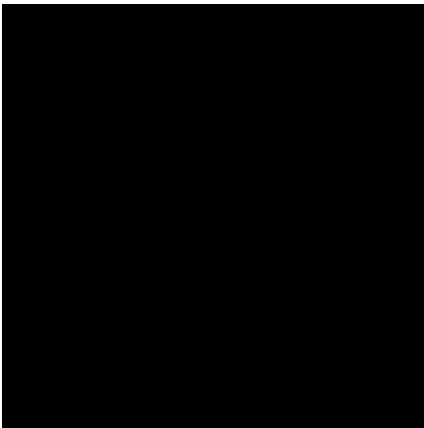
Source map scale - 1:2,500

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

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Site Details

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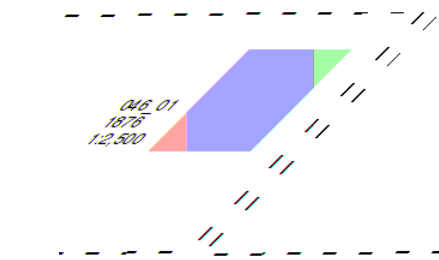
Berkshire

Published 1876

Source map scale - 1:2,500

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

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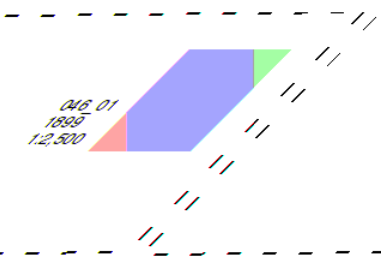
Berkshire

Published 1899

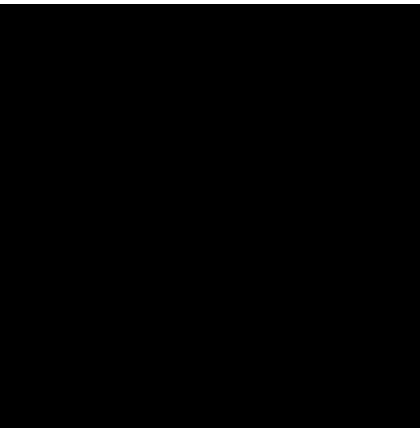
Source map scale - 1:2,500

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

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Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

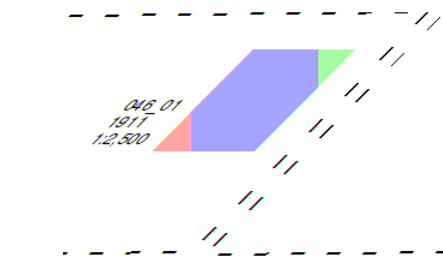
Berkshire

Published 1911

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



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National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

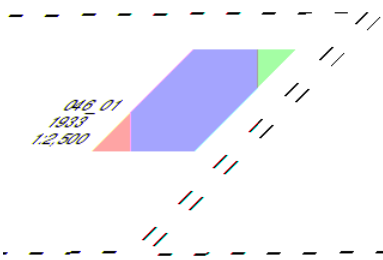
Berkshire

Published 1933

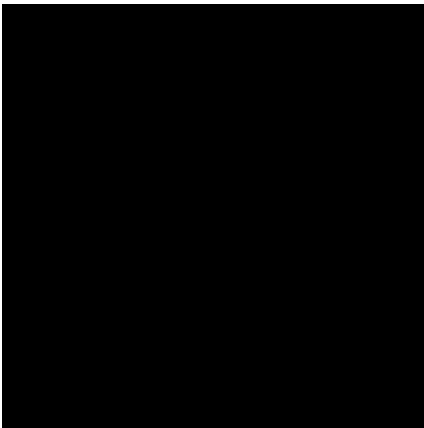
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



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Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

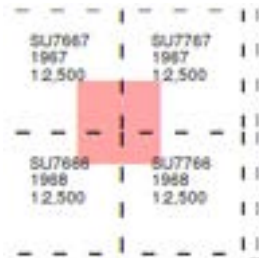
Ordnance Survey Plan

Published 1967 - 1968

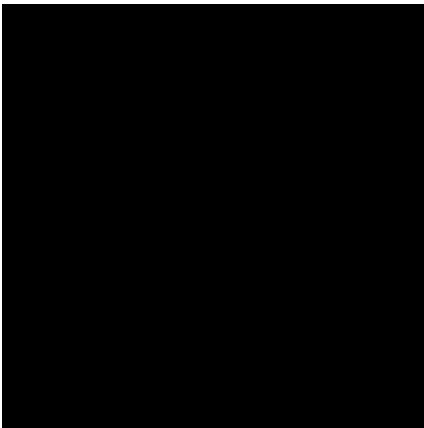
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

Order Number:343803462_1_1

Customer Ref:JT0584_RJ

National Grid Reference:476640, 167070

Slice:A

Site Area (Ha):8.17

Search Buffer (m):100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

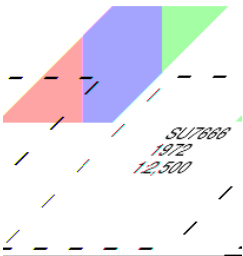
Supply of Unpublished Survey Information

Published 1972

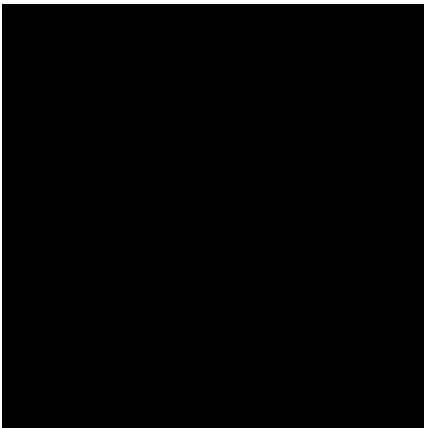
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

Order Number: 343803462_1_1
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Site Details

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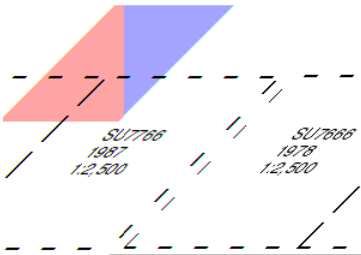
Additional SIMs

Published 1978 - 1987

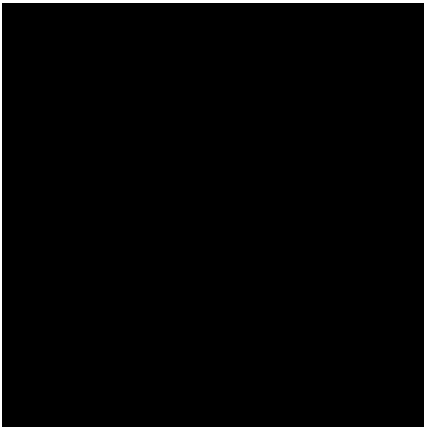
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



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Site Details

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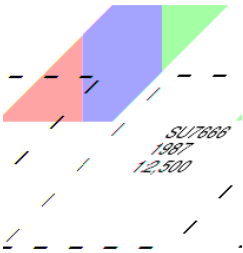
Additional SIMs

Published 1987

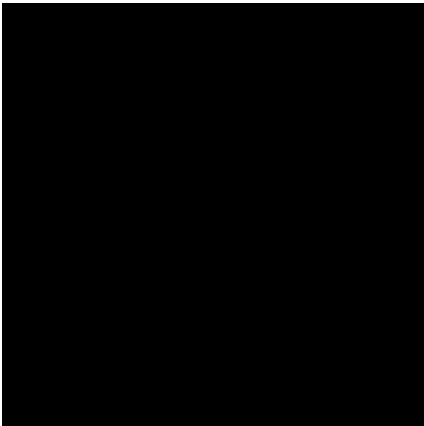
Source map scale - 1:2,500

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Map Name(s) and Date(s)



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Site Details

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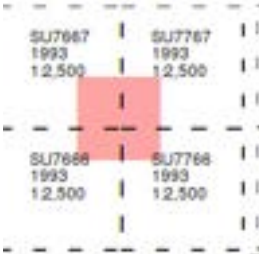
Large-Scale National Grid Data

Published 1993

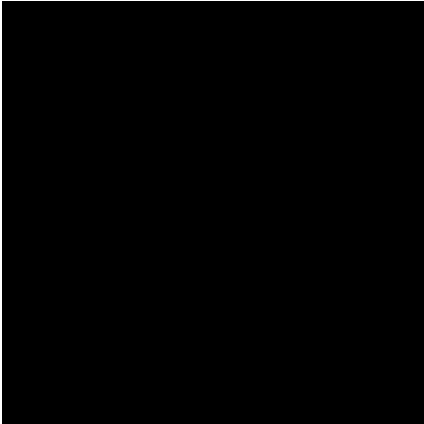
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



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Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN

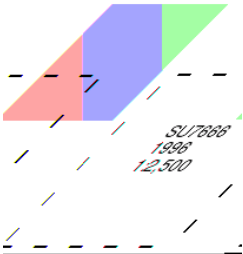
Large-Scale National Grid Data

Published 1996

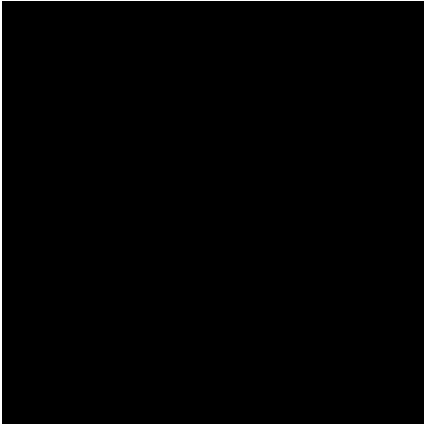
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



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Site Area (Ha): 8.17
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Site Details

Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN

Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A11

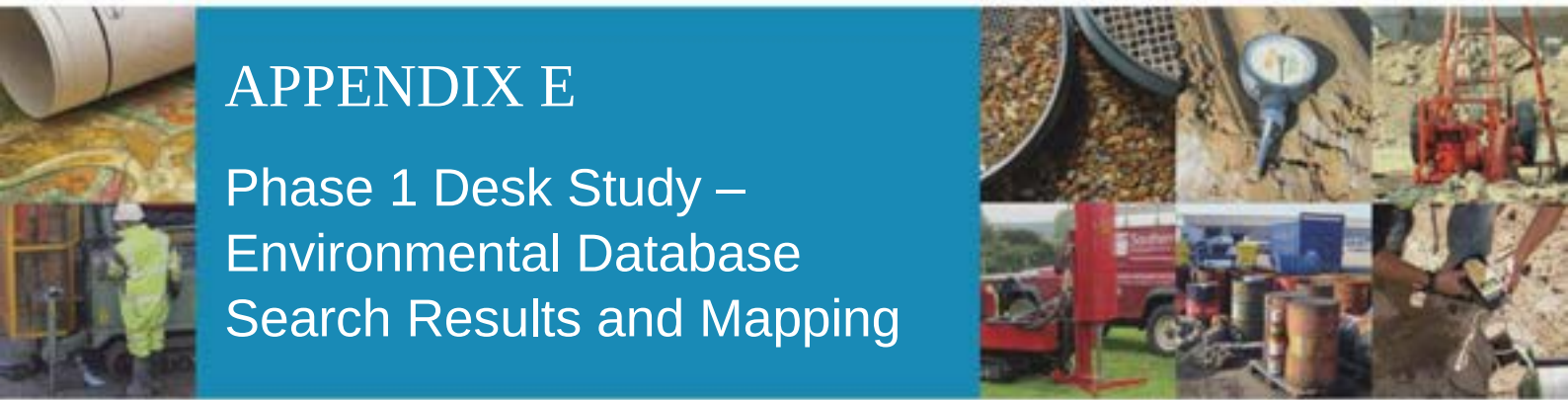


Order Details

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Customer Ref:	JT0584_RJ
National Grid Reference:	476640, 167070
Slice:	A
Site Area (Ha):	8.17
Search Buffer (m):	100

Site Details

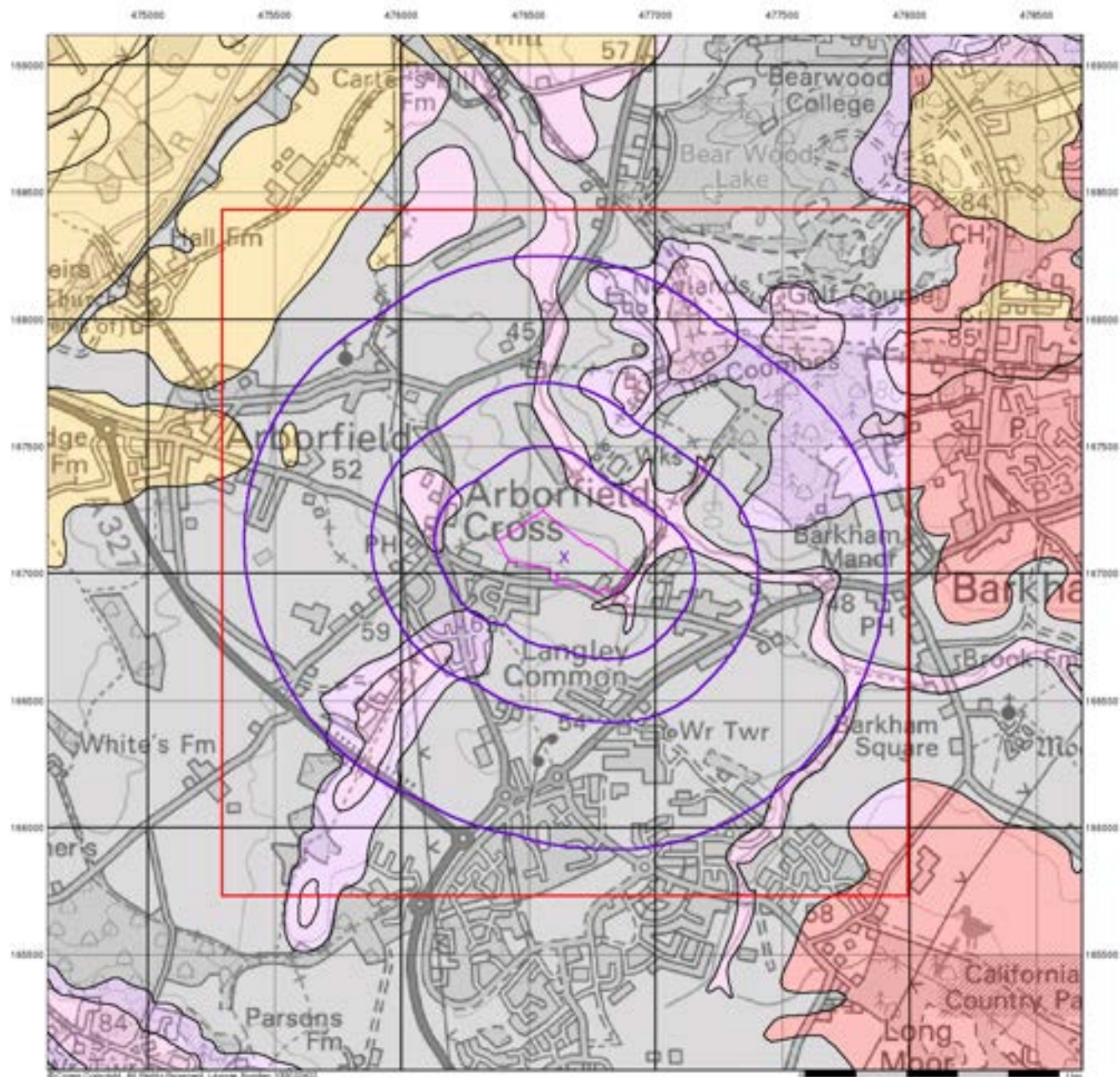
Land North of, School Road, Arborfied Cross, Wokingham, RG41 4TN



APPENDIX E

Phase 1 Desk Study – Environmental Database Search Results and Mapping





Groundwater Vulnerability

General

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

Agency and Hydrological

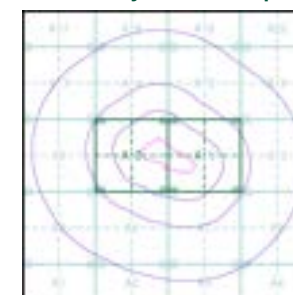
Bedrock Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer
- Unproductive Aquifer
- Soluble Rock

Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Site Sensitivity Context Map - Slice A

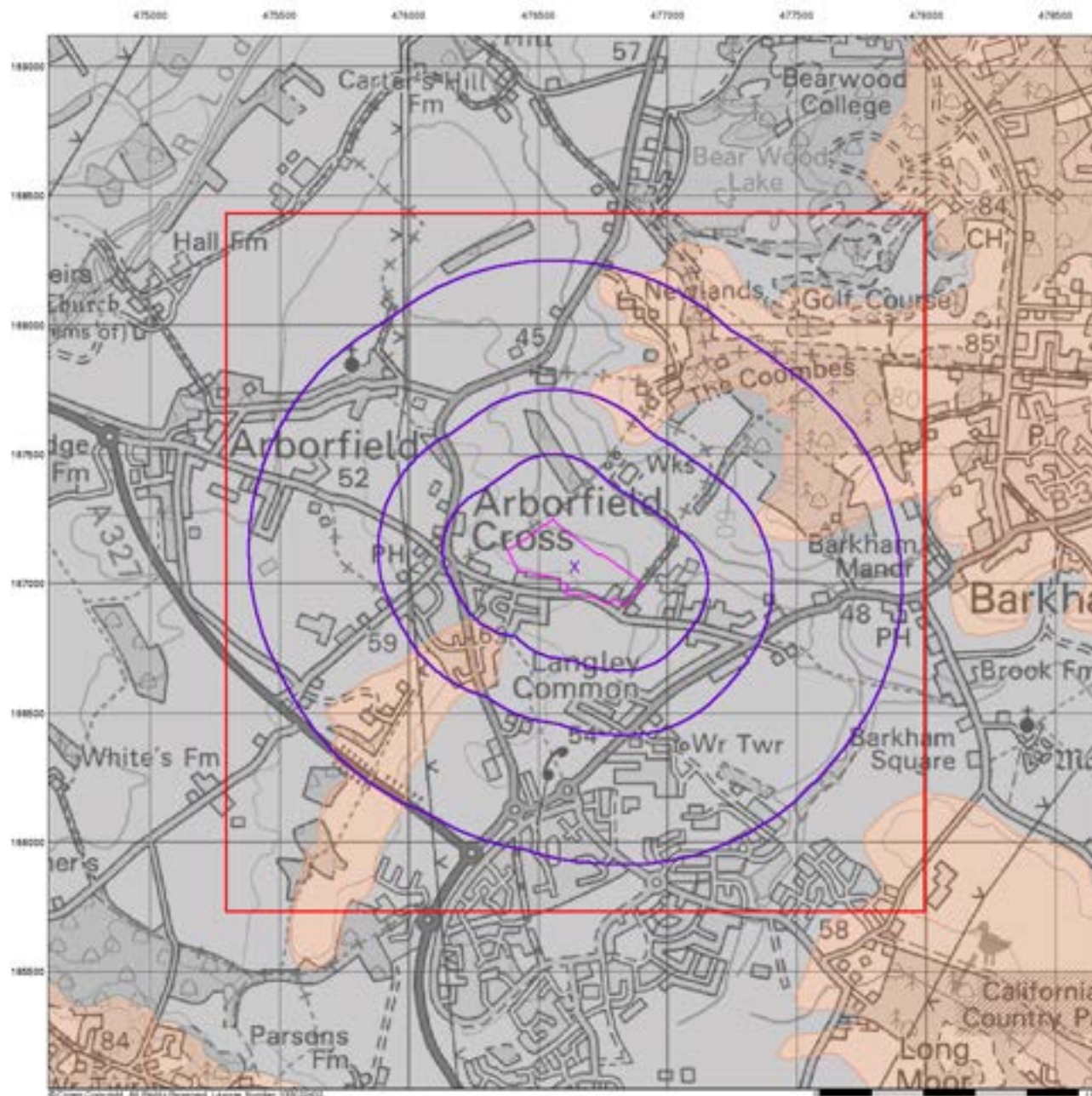


Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN



Bedrock Aquifer Designation

General

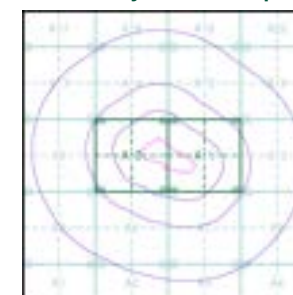
- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

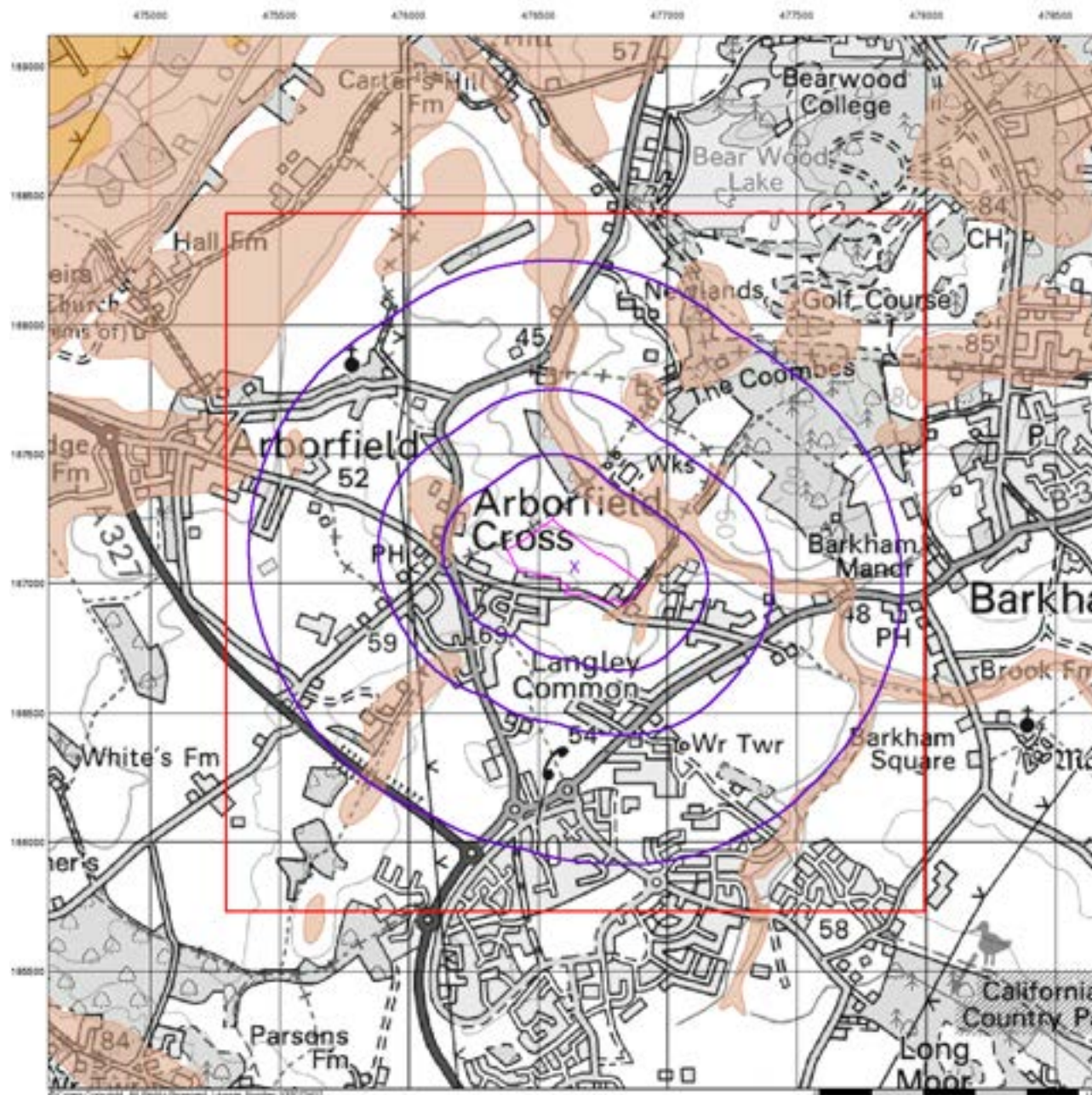


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Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN



Superficial Aquifer Designation

General

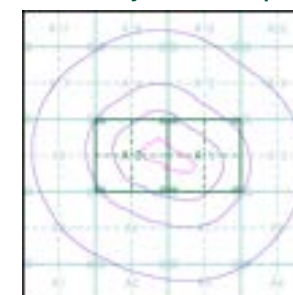
- Specified Site
- Specified Buffer(s)
- x Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

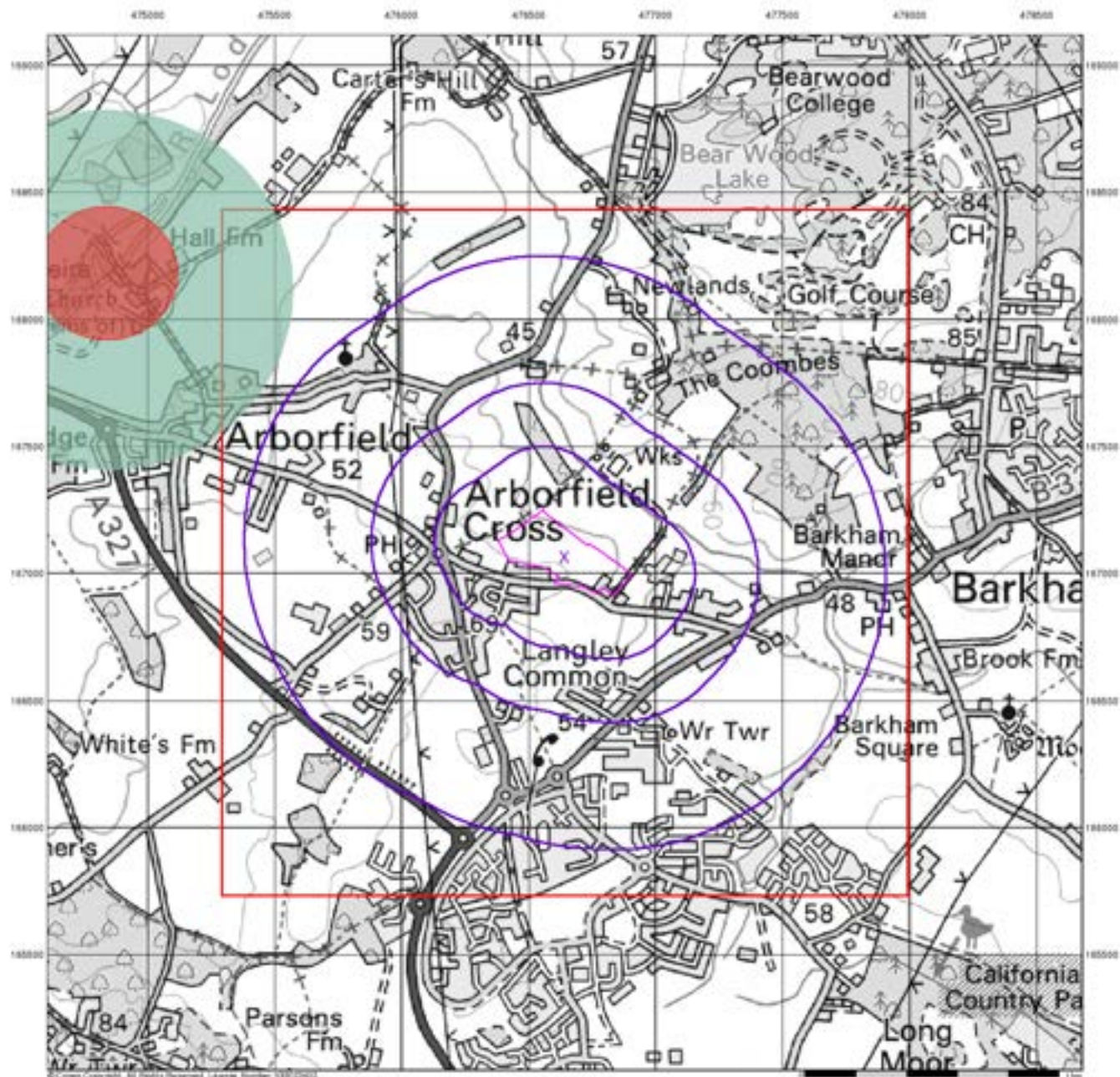


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Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN



Source Protection Zones

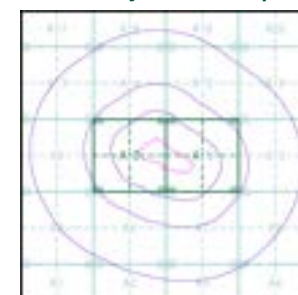
General

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

Agency and Hydrological

- Inner zone (Zone 1)
- ▨ Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- ▨ Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- ▨ Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A

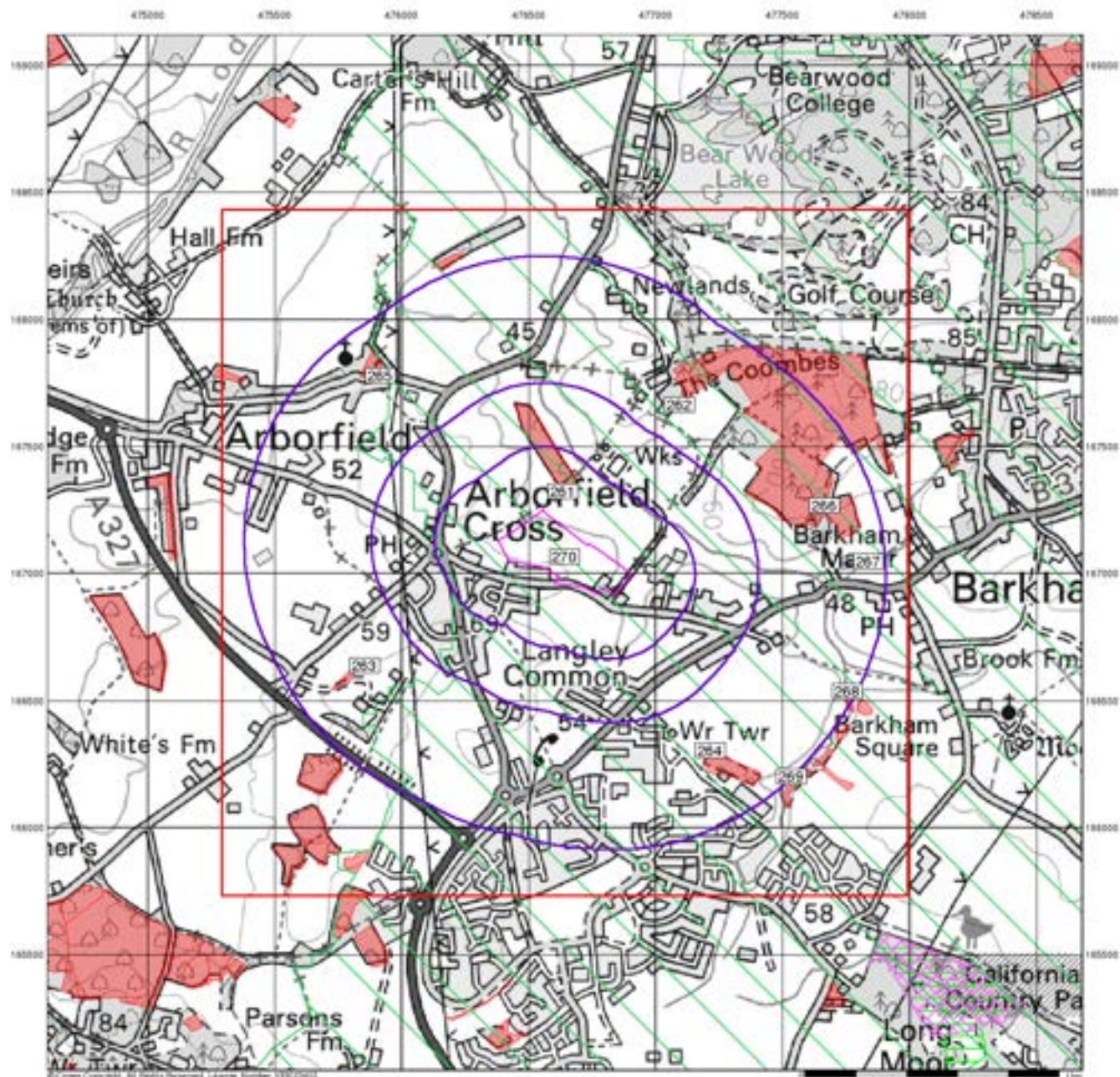


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Slice: A
Site Area (Ha): 8.17
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Site Details

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Sensitive Land Uses

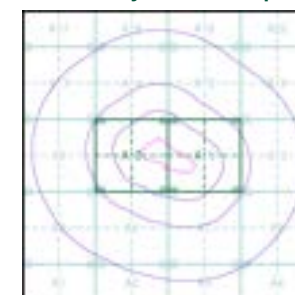
General

- ◇ Specified Site
- ◇ Specified Buffer(s)
- X 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

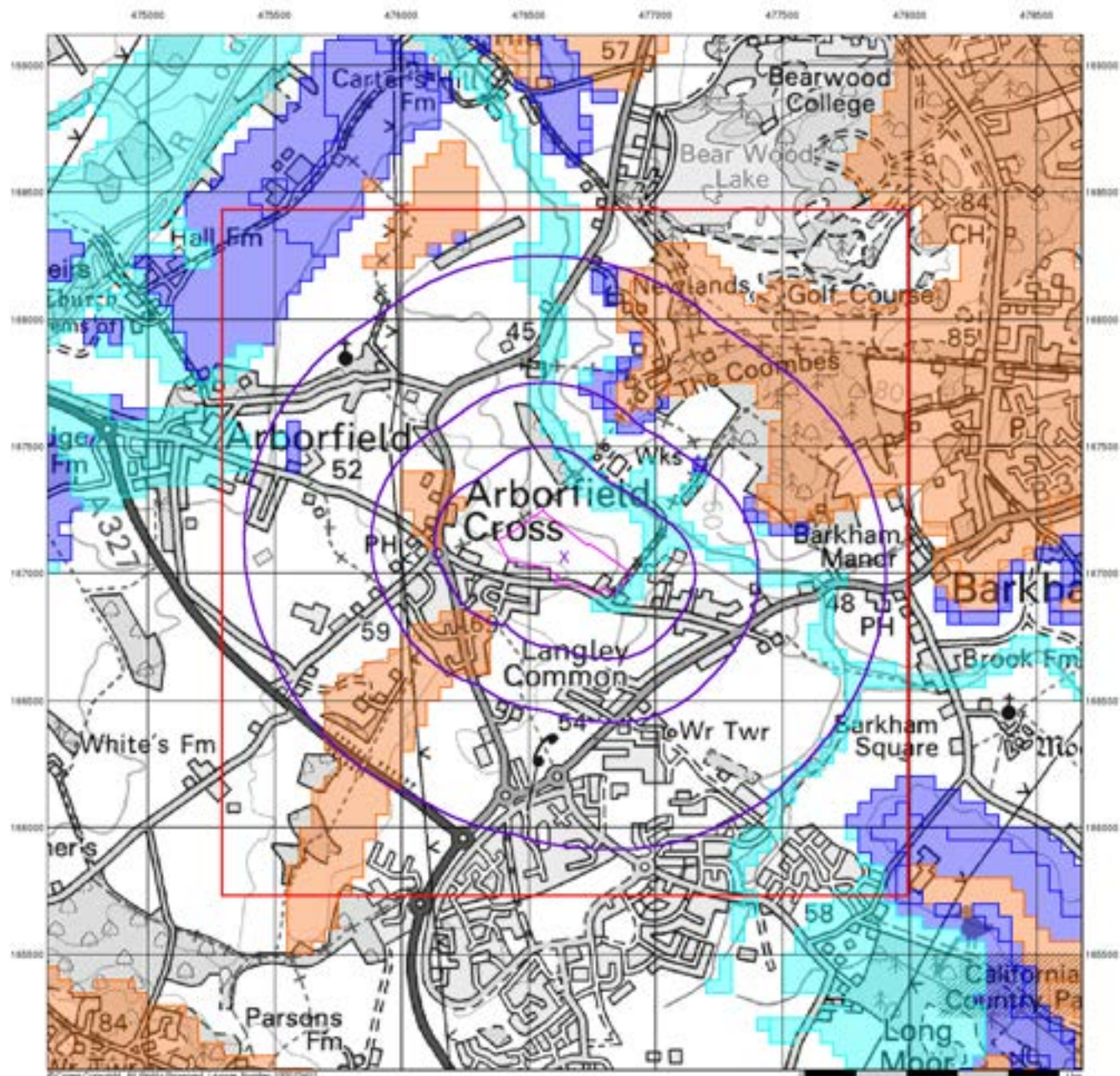


Order Details

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Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN



BGS Flood GFS Data

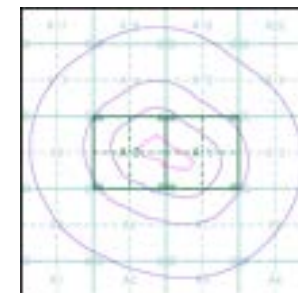
General

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

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

343803462_1_1

Customer Reference:

JT0584_RJ

National Grid Reference:

476640, 167070

Slice:

A

Site Area (Ha):

8.17

Search Buffer (m):

1000

Site Details:

Land North of
School Road
Arborfield Cross, Wokingham
RG41 4TN

Client Details:

MR D Spearman
Southern Testing
Keeble House
Stuart Way
East Grinstead
West Sussex
RH19 4QA

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	41
Hazardous Substances	-
Geological	42
Industrial Land Use	44
Sensitive Land Use	50
Data Currency	51
Data Suppliers	57
Useful Contacts	58

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		14	7	7
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 8	Yes			
Pollution Incidents to Controlled Waters	pg 8		5	6	5
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 11				1
River Quality	pg 11		1		
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 11		1		3
Water Abstractions	pg 12				2 (*23)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 18	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 18	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 18		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 19		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 19	1	40	27	121

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 41			1	
Local Authority Landfill Coverage	pg 41	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 41				1
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 41			1	
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 42	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 42	Yes			Yes
BGS Recorded Mineral Sites	pg 42				2
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 43	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 43		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 43	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 43	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 43	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 44		11	18	6
Fuel Station Entries					
Points of Interest - Commercial Services	pg 46		4	6	3
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 48		3	1	4
Points of Interest - Public Infrastructure	pg 48		1	2	2
Points of Interest - Recreational and Environmental	pg 49		1	3	2
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 50		1		8
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 50	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SW (SE)	0	1	476750 166900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11NW (NE)	46	1	476750 167250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10NW (NW)	176	1	476250 167250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SE (SW)	212	1	476350 166850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SE (SW)	235	1	476350 166800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SE (E)	300	1	477200 167067
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11NE (NE)	359	1	477100 167300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15SW (N)	385	1	476800 167550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (NE)	418	1	476850 167550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (N)	425	1	476800 167600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11NE (NE)	429	1	477150 167350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (N)	443	1	476750 167650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (N)	455	1	476850 167600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (N)	467	1	476800 167650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (NE)	469	1	477150 167400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	489	1	477350 167200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SW (E)	496	1	477400 167000
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntd.0020 Permit Version: 12 Effective Date: 24th June 2019 Issued Date: 24th June 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A11NW (NE)	243	2	476780 167380

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntd.0020 Permit Version: 10 Effective Date: 22nd November 2017 Issued Date: 22nd November 2017 Revocation Date: 29th September 2018 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A11NW (NE)	243	2	476780 167380
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntd.0020 Permit Version: 11 Effective Date: 30th September 2018 Issued Date: 22nd November 2017 Revocation Date: 23rd June 2019 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A11NW (NE)	243	2	476780 167380
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntd.0020 Permit Version: 12 Effective Date: 24th June 2019 Issued Date: 24th June 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A11NW (N)	245	2	476770 167390
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntd.0020 Permit Version: 10 Effective Date: 22nd November 2017 Issued Date: 22nd November 2017 Revocation Date: 29th September 2018 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A11NW (N)	245	2	476770 167390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntd.0020 Permit Version: 11 Effective Date: 30th September 2018 Issued Date: 22nd November 2017 Revocation Date: 23rd June 2019 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A11NW (N)	245	2	476770 167390
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntd.0020 Permit Version: 8 Effective Date: 1st April 2010 Issued Date: 1st April 2010 Revocation Date: 30th April 2015 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A11NW (N)	245	2	476770 167390
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntd.0020 Permit Version: 7 Effective Date: 1st April 2009 Issued Date: 28th January 2009 Revocation Date: 31st March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A11NW (N)	245	2	476770 167390
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntd.0020 Permit Version: 3 Effective Date: 21st December 2000 Issued Date: 21st December 2000 Revocation Date: 31st December 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A11NW (N)	245	2	476770 167390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntd.0020 Permit Version: 4 Effective Date: 1st January 2001 Issued Date: 21st December 2000 Revocation Date: 31st March 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A11NW (N)	245	2	476770 167390
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntd.0020 Permit Version: 5 Effective Date: 1st April 2001 Issued Date: 21st December 2000 Revocation Date: 26th April 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A11NW (N)	245	2	476770 167390
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntd.0020 Permit Version: 6 Effective Date: 27th April 2001 Issued Date: 21st December 2000 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A11NW (N)	245	2	476770 167390
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTD.0020 Permit Version: 2 Effective Date: 1st October 1990 Issued Date: 2nd November 1989 Revocation Date: 20th December 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A11NW (N)	245	2	476770 167390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntd.0020 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 30th September 1990 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: By direction of Secretary of State (Water Act 1989, Schedule 26 & 25(4)(5)) Positional Accuracy: Located by supplier to within 10m	A11NW (N)	245	2	476770 167390
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Arborfield Wwtw Wood Lane Reading Berkshire Rg41 4ts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntd.0020 Permit Version: 9 Effective Date: 1st May 2015 Issued Date: 1st May 2015 Revocation Date: 21st November 2017 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A11NW (NE)	264	2	476800 167390
2	Discharge Consents Operator: Mr Graham Adams Property Type: FOOD+BEVERAGE SERVICES/CAFE/RESTAURANT/PUB Location: Lockey Farm Sindlesham Road Arborfield Reading Rg2 9jh Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Casm.1494 Permit Version: 3 Effective Date: 10th November 2011 Issued Date: 10th November 2011 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Land(Gravels Overlaying Clay) Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A10NW (NW)	286	2	476150 167300
2	Discharge Consents Operator: Mr Graham Adams Property Type: FOOD+BEVERAGE SERVICES/CAFE/RESTAURANT/PUB Location: Lockey Farm Sindlesham Road Arborfield Reading Rg2 9jh Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Casm.1494 Permit Version: 1 Effective Date: 1st October 2006 Issued Date: 21st September 2006 Revocation Date: 7th April 2008 Discharge Type: Trade Effluent Discharge: Land/Soakaway Environment: Receiving Water: Land(Gravels Overlaying Clay) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A10NW (NW)	286	2	476150 167300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Mr Graham Adams Property Type: FOOD+BEVERAGE SERVICES/CAFE/RESTAURANT/PUB Location: Lockey Farm Sindlesham Road Arborfield Reading RG2 9JH Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Casm.1494 Permit Version: 2 Effective Date: 8th April 2008 Issued Date: 21st September 2006 Revocation Date: 9th November 2011 Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Land/Soakaway Environment: Receiving Water: Land(Gravels Overlaying Clay) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A10NW (NW)	286	2	476150 167300
3	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Chamberlain'S Meadow Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.0627 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 19th August 2014 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A10SW (W)	445	2	476000 166900
3	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Chamberlain'S Meadow Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.0627 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 2nd September 2010 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m	A10SW (W)	445	2	476000 166900
4	Discharge Consents Operator: Mr And Mrs S Lippiatt Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Caldwell House Barkham Road, Barkham, Wokingham, Berkshire Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Casm.0130 Permit Version: 1 Effective Date: 13th September 1999 Issued Date: 26th May 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land/Into Watercourse Environment: Receiving Water: Land And Barkham Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12SW (E)	486	2	477390 167010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Mr H Street Property Type: SHOP INCL GARDEN CENTRE/RETAIL TRADE(NOT MOTOR VEHICLE) Location: Henry Street Garden Centre, Arborfield, Reading, Berkshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.2197 Permit Version: 1 Effective Date: 19th February 1996 Issued Date: 19th February 1996 Revocation Date: Not Supplied Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Ofthe River Loddon Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A9SE (W)	665	2	475750 166920
6	Discharge Consents Operator: Mr. C.J. Barrows Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: The Old Rectory, Barkham, Wokingham, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTCU.1589 Permit Version: 1 Effective Date: 19th December 1983 Issued Date: 19th December 1983 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: London Claystrata Status: Transferred from Water Resources Act 1963 Positional Accuracy: Located by supplier to within 100m	A12NW (E)	725	2	477600 167200
7	Discharge Consents Operator: The Occupier Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: New Bungalow At Arborfield Court, Arborfield Cross, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Ctcu.1380 Permit Version: 1 Effective Date: 17th May 1983 Issued Date: 17th May 1983 Revocation Date: 7th October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Lower Bagshot Beds Strata Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A5NE (SW)	764	2	475950 166450
8	Discharge Consents Operator: Mr. M.C. Goold Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: The Roosters, Swallowfield Road, Arborfield, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTCU.1274 Permit Version: 1 Effective Date: 3rd December 1982 Issued Date: 3rd December 1982 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Gravel O/L London Clay Strata Status: Transferred from Water Resources Act 1963 Positional Accuracy: Located by supplier to within 100m	A5NE (W)	804	2	475700 166700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Henry Street Garden Centre Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: The Nursery, Swallowfield Road, Arborfield, Berkshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTWC.2018 Permit Version: 1 Effective Date: 16th November 1987 Issued Date: 16th November 1987 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land Environment: Receiving Water: London Clay Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m	A9SE (W)	806	2	475660 166770
10	Discharge Consents Operator: Mr A.M Norton Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Pudding Lane Nurseries Reading Road Arborfield Reading Rg2 9hp Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Casm.2235 Permit Version: 1 Effective Date: 15th September 2006 Issued Date: 11th October 2006 Revocation Date: 14th September 2018 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via A Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NW (W)	859	2	475540 167310
10	Discharge Consents Operator: Mr. A.M. Norton Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Pudding Lane Nurseries, Arborfield Cross, Arborfield, Berks Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTWC.1830 Permit Version: 1 Effective Date: 24th August 1987 Issued Date: 24th August 1987 Revocation Date: 14th September 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land Environment: Receiving Water: London Clay Status: Revoked: New Consent issued (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m	A9NW (W)	859	2	475540 167310
	Nearest Surface Water Feature	A11SW (SE)	0	-	476839 166917
11	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ARBORFIELD Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 20th August 1995 Incident Reference: S2950110 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A11NW (N)	131	2	476700 167300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ARBORFIELD Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 24th June 1994 Incident Reference: S2940159 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	A11NW (NE)	192	2	476800 167300
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ARBORFIELD Authority: Environment Agency, Thames Region Pollutant: Storm Sewage Note: Not Supplied Incident Date: 20th July 1998 Incident Reference: THSE1998039882 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	A11NW (N)	202	2	476700 167395
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ARBORFIELD Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 21st January 1995 Incident Reference: S2950003 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	A11NW (N)	206	2	476700 167400
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: BARKHAM Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 11th January 1991 Incident Reference: WE910019 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	A7NW (SE)	218	2	476800 166700
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: BARKHAM Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 11th September 1996 Incident Reference: S2960129 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	A7NW (SE)	256	2	476850 166660
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ARBORFIELD Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 7th February 1992 Incident Reference: WE920089 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	A11NW (NE)	268	2	476800 167395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ARBORFIELD Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 11th January 1993 Incident Reference: S2930007 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	A11NW (NE)	271	2	476805 167395
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ARBORFIELD Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 7th February 1992 Incident Reference: WE920085 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	A11NW (NE)	271	2	476800 167400
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Arborfield Stw Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 20th April 1993 Incident Reference: S2930103 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	A11NW (NE)	275	2	476805 167400
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Arborfield Stw Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 24th April 1993 Incident Reference: S2930105 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	A11NW (NE)	278	2	476805 167405
17	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ARBORFIELD Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: Not Supplied Incident Reference: WE920097 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	727	2	476300 166300
18	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ARBORFIELD Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 24th June 1994 Incident Reference: S2940143 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	A14NE (N)	750	2	476600 168000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ARBORFIELD Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 7th August 1992 Incident Reference: WE920476 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	A5NW (W)	892	2	475600 166700
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Barkham Arborfield Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 28th August 1991 Incident Reference: WE910477 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	A8SW (SE)	912	2	477400 166200
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WOKINGHAM Authority: Environment Agency, Thames Region Pollutant: General Note: Not Supplied Incident Date: 10th September 1998 Incident Reference: THSE1998040818 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	A3NE (S)	930	2	477000 166000
22	Registered Radioactive Substances Name: Ministry Of Defence Location: School Of Electronic Engineering, Hazelbrouck Barracks, Arborfield, READING, Berkshire, RG2 9NH Authority: Environment Agency, Thames Region Permit Reference: AM4762 Dated: 31st March 1991 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is not the subject of an authorisation, or an application for an authorisation made by the MOD Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A7SW (S)	772	2	476869 166144
	River Quality Name: Barkham Bk GQA Grade: River Quality B Reach: Source - Loddon Estimated Distance (km): 6.9 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A11NW (NE)	228	2	476777 167363
23	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, South East Area Incident Date: 12th August 2002 Incident Reference: 99483 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert Materials And Wastes: Soils And Clay	A11SE (E)	195	2	477099 166986

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, South East Area Incident Date: 1st September 2010 Incident Reference: 818480 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Storm Sewage	A14NE (N)	534	2	476582 167784
24	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, South East Area Incident Date: 17th October 2006 Incident Reference: 443997 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Pollutant Not Identified: Not Identified	A14NE (N)	546	2	476594 167796
24	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, South East Area Incident Date: 11th July 2005 Incident Reference: 328575 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Other Pollutant	A14NE (N)	554	2	476596 167803
25	Water Abstractions Operator: Hatch Farm Dairies Ltd Licence Number: 28/39/24/0102 Permit Version: 101 Location: Well At Newlands, Arborfield 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: Newlands, Arborfield Authorised Start: 01 January Authorised End: 30 December Permit Start Date: 1st April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (N)	883	2	476800 168100
25	Water Abstractions Operator: Hatch Farm Dairies Ltd Licence Number: 28/39/24/0102 Permit Version: 100 Location: Well At Newlands, Arborfield 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): 5 Yearly Rate (m3): 1991 Details: Newlands, Arborfield Authorised Start: 01 January Authorised End: 30 December Permit Start Date: 8th May 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SW (N)	883	2	476800 168100
	Water Abstractions Operator: Royal Merchant Navy School Foundation Licence Number: 28/39/24/0152 Permit Version: 100 Location: Bear Wood, Sindlesham - Borehole 'B' Authority: Environment Agency, Thames Region Abstraction: Schools And Colleges: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Royal Merchant Navy School, Bearwood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th March 1980 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (N)	1489	2	476900 168700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Ward Wilson Investments Ltd Licence Number: 28/39/24/0251/R01 Permit Version: 3 Location: Bearwood Lake At Bearwood Lakes Golf Club Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Bearwood Lakes Golf Club, Wokingham Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SW (NE)	1523	2	477560 168400
	Water Abstractions Operator: Ward Wilson Investments Ltd Licence Number: 28/39/24/0251/R01 Permit Version: 3 Location: Bearwood Lake At Bearwood Lakes Golf Club Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Bearwood Lakes Golf Club, Wokingham Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SW (NE)	1523	2	477560 168400
	Water Abstractions Operator: Ward Wilson Investments Ltd Licence Number: 28/39/24/0251/R01 Permit Version: 2 Location: Bearwood Lake At Bearwood Lakes Golf Club Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Bearwood Lakes Golf Club, Wokingham Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st November 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SW (NE)	1523	2	477560 168400
	Water Abstractions Operator: Ward Wilson Investments Ltd Licence Number: 28/39/24/0251/R01 Permit Version: 1 Location: Bearwood Lake At Bearwood Lakes Golf Club Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Bearwood Lakes Golf Club, Wokingham Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SW (NE)	1523	2	477560 168400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Ward Wilson Investments Ltd Licence Number: 28/39/24/0251 Permit Version: 1 Location: Bearwood Lake At Bearwood Lakes Golf Club Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Bearwood Lakes Golf Club, Wokingham, Surrey Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st April 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SW (NE)	1523	2	477560 168400
	Water Abstractions Operator: Ward Wilson Investments Ltd Licence Number: 28/39/24/0223 Permit Version: 100 Location: Bearwood Lake At Bearwood Lakes Golf Club Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 231 Yearly Rate (m3): 16220 Details: Bearwood Lakes Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 21st May 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20SW (NE)	1523	2	477560 168400
	Water Abstractions Operator: Rfc Bearwood Limited Licence Number: 28/39/24/0200 Permit Version: 102 Location: Bearwood Lake At Bearwood Golf Course, Sindlesham Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Bearwood Golf Course, Mole Road, Wokingham Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 22nd December 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NE (N)	1575	2	477071 168740
	Water Abstractions Operator: Royal Merchant Navy School Foundation Licence Number: 28/39/24/0200 Permit Version: 101 Location: Bearwood Lake At Bearwood Golf Course, Sindlesham Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Bearwood Golf Course, Mole Road, Wokingham Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 27th July 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NE (N)	1575	2	477071 168740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Royal Merchant Navy School Foundation Licence Number: 28/39/24/0200 Permit Version: 100 Location: Bearwood Lake At Bearwood Golf Course, Sindlesham Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 33 Yearly Rate (m3): 2273 Details: Bearwood Golf Course, Mole Road, Wokingham Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19NE (N)	1575	2	477070 168740
	Water Abstractions Operator: Trustees For The Time Being Of Bearwood College Licence Number: 28/39/24/0152 Permit Version: 102 Location: Bearwood College Winnersh Wokingham - Borehole Authority: Environment Agency, Thames Region Abstraction: Schools And Colleges: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Royal Merchant Navy School, Bearwood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th August 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1606	2	476980 168800
	Water Abstractions Operator: Royal Merchant Navy School Foundation Licence Number: 28/39/24/0152 Permit Version: 101 Location: Bearwood College, Winnersh, Wokingham - Borehole Authority: Environment Agency, Thames Region Abstraction: Schools And Colleges: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Royal Merchant Navy School, Bearwood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 4th March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1606	2	476980 168800
	Water Abstractions Operator: University Of Reading Licence Number: 28/39/24/0255/R01 Permit Version: 1 Location: Hall Farm, Arborfield, Reading - Borehole Authority: Environment Agency, Thames Region Abstraction: Schools and Colleges: General Farming & Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hall Farm, Arborfield, Reading Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1628	2	475500 168500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: University Of Reading Licence Number: 28/39/24/0255/R01 Permit Version: 1 Location: Hall Farm, Arborfield, Reading - Borehole Authority: Environment Agency, Thames Region Abstraction: Schools and Colleges: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hall Farm, Arborfield, Reading Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1628	2	475500 168500
	Water Abstractions Operator: University Of Reading Licence Number: 28/39/24/0255 Permit Version: 1 Location: Hall Farm, Arborfield, Reading - Borehole Authority: Environment Agency, Thames Region Abstraction: Schools and Colleges: General Washing/ Process Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hall Farm, Arborfield, Reading Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th November 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1628	2	475500 168500
	Water Abstractions Operator: University Of Reading Licence Number: 28/39/24/0255 Permit Version: 1 Location: Hall Farm, Arborfield, Reading - Borehole Authority: Environment Agency, Thames Region Abstraction: Schools and Colleges: General Farming & Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hall Farm, Arborfield, Reading Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th November 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1628	2	475500 168500
	Water Abstractions Operator: University Of Reading Licence Number: 28/39/24/0255 Permit Version: 1 Location: Hall Farm, Arborfield, Reading - Borehole Authority: Environment Agency, Thames Region Abstraction: Schools and Colleges: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hall Farm, Arborfield, Reading Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th November 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1628	2	475500 168500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Rfc Bearwood Limited Licence Number: Th/039/0024/036 Permit Version: 1 Location: Abstraction Point Bearwood Park Authority: Environment Agency, Thames Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 11th October 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1788	2	476984 168987
	Water Abstractions Operator: Thames Water Utilities Ltd Licence Number: 28/39/24/0014 Permit Version: 100 Location: Arborfield Pumping Station Point A Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2273 Yearly Rate (m3): 818280 Details: Chalk (Undifferentiated) Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NW)	1826	2	474900 168200
	Water Abstractions Operator: Hochtief (Uk) Construction Limited Licence Number: Th/039/0024/026 Permit Version: 1 Location: River Lodden Tributary Adjacent To Hall Farm (Point B) Authority: Environment Agency, Thames Region Abstraction: Construction: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th August 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NW)	1834	2	474872 168175
	Water Abstractions Operator: The Environment Agency Licence Number: Th/039/0024/008 Permit Version: 1 Location: Arborfield Off-Take Structure Authority: Environment Agency, Thames Region Abstraction: Other Environmental Improvements: Transfer between sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st January 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NW)	1899	2	474687 167991

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: In Force - No Licence Holder Licence Number: 28/39/24/0026 Permit Version: Not Supplied Location: Arborfield, ARBORFIELD Authority: Environment Agency, Thames Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: River Daily Rate (m3): 614 Yearly Rate (m3): 54552 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1902	2	474600 167800
	Water Abstractions Operator: University Of Reading Licence Number: 28/39/24/0198 Permit Version: 100 Location: River Loddon At Arborfield Authority: Environment Agency, Thames Region Abstraction: Schools and Colleges: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 430 Yearly Rate (m3): 29094 Details: Research Centre, Arborfield Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 20th August 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NW)	1988	2	475300 168800
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A10SE (S)	0	3	476641 167000
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A10SE (SE)	0	3	476641 167067
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A10SE (SE)	0	3	476641 167067
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	140	2	476755 167280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	194	2	476816 167297
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NE (E)	220	2	477012 167195
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 113.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (SE)	0	4	476839 166917
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (SE)	2	4	476834 166912
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (SE)	3	4	476831 166909
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (E)	9	4	476911 167004
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 302.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NE (NW)	11	4	476521 167237
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NE (NW)	12	4	476448 167186
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NE (NW)	12	4	476452 167189

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 212.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (E)	13	4	476913 167007
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (SE)	14	4	476827 166903
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 142.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (E)	19	4	476918 166982
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (E)	19	4	476921 166988
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 362.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (SE)	35	4	476732 166865
38	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 42.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (SE)	35	4	476775 166885
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (E)	55	4	476949 167031
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (E)	91	4	476968 167063
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (SE)	93	4	476906 166856

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NE (NW)	103	4	476384 167253
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NE (NW)	107	4	476382 167256
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 129.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (SE)	111	4	476906 166831
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NW (N)	180	4	476689 167374
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NW (N)	186	4	476694 167379
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NE (E)	199	4	477021 167158
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (SE)	210	4	476866 166708
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 114.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (SE)	213	4	476865 166705
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NE (E)	221	4	477004 167198

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NE (E)	224	4	477005 167202
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 530.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NW (N)	224	4	476722 167417
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 137.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NW (NE)	228	4	476909 167290
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NE (E)	228	4	477007 167205
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NW (N)	233	4	476775 167390
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NW (W)	234	4	476173 167240
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 170.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NW (NE)	237	4	476813 167346
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 502.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NE (E)	237	4	477024 167204
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NE (E)	237	4	477024 167204

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NW (W)	237	4	476175 167250
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NW (NE)	238	4	476909 167290
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NE (E)	239	4	477041 167194
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NE (E)	239	4	477041 167194
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 261.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NE (E)	239	4	477042 167193
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NW (NE)	246	4	476914 167297
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NW (N)	248	4	476775 167390
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 202.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NW (NE)	254	4	476919 167303
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 271.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A11NE (NE)	307	4	477089 167274

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10SW (SW)	307	4	476181 166863
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (SE)	321	4	476839 166594
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (S)	324	4	476839 166592
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A11NE (NE)	332	4	477087 167278
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A11NE (NE)	334	4	477085 167282
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 158.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NE (NE)	335	4	477085 167282
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (S)	339	4	476838 166576
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10SW (W)	355	4	476066 166968
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 181.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SE (E)	361	4	477258 167069

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (S)	361	4	476836 166554
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (S)	371	4	476835 166544
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (S)	375	4	476835 166540
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SE (E)	393	4	477272 166860
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SE (E)	400	4	477279 166860
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SE (E)	406	4	477286 166860
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (E)	434	4	477319 166870
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 549.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10SW (W)	443	4	475985 166932
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (S)	454	4	476830 166461

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (S)	460	4	476829 166455
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (S)	473	4	476828 166442
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NE (NE)	485	4	477191 167389
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 130.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (E)	487	4	477392 166994
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 311.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11NE (NE)	489	4	477192 167392
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 285.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (E)	493	4	477397 167009
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 312.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (S)	495	4	476869 166421
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 137.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7SW (S)	519	4	476789 166398
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A15SE (NE)	562	4	477028 167600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7SW (S)	591	4	476668 166337
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NE (N)	592	4	476431 167829
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7SW (S)	593	4	476665 166336
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NE (N)	607	4	476615 167855
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 243.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SE (W)	611	4	475837 166852
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 199.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SE)	612	4	477332 166551
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 203.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NE (N)	612	4	476617 167860
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SE)	620	4	477312 166518
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SE)	622	4	477310 166513

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A6NW (SW)	627	4	476133 166494
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NE (N)	631	4	476409 167864
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NE (N)	636	4	476406 167869
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 316.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NW (NW)	639	4	476293 167832
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 248.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14SW (NW)	644	4	475978 167645
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A6SE (S)	646	4	476567 166307
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A6SE (S)	648	4	476564 166306
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 207.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NE (N)	648	4	476400 167879
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A6SE (S)	655	4	476550 166303

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SE)	656	4	477458 166646
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 135.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NE (W)	657	4	475725 167090
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 152.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A6SE (S)	658	4	476546 166301
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SE)	659	4	477462 166648
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7SE (SE)	670	4	477262 166399
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 172.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7SE (SE)	672	4	477256 166392
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.8 Watercourse Level: Underground Permanent: False Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A6SE (S)	678	4	476394 166315
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (NW)	681	4	475795 167478
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (NW)	681	4	475795 167478

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A6SE (S)	683	4	476370 166318
124	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 16.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A6SE (S)	687	4	476367 166315
125	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A6SE (S)	687	4	476367 166315
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 131.4 Watercourse Level: Underground Permanent: False Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A6SE (S)	688	4	476359 166317
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (NW)	694	4	475799 167511
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (NW)	696	4	475800 167515
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7SE (SE)	713	4	477126 166265
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (NW)	713	4	475804 167551
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A6SW (SW)	714	4	476205 166368

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A6SW (SW)	714	4	476201 166370
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (NW)	728	4	475802 167573
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SE (W)	731	4	475653 167064
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 211.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SE (W)	731	4	475653 167064
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SE (W)	733	4	475651 167060
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SE (W)	735	4	475650 167056
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (NW)	738	4	475801 167588
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NE (W)	739	4	475665 167316
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (NW)	741	4	475800 167593

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (E)	747	4	477630 166822
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7SE (SE)	748	4	477161 166242
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SE (W)	752	4	475642 166994
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (E)	755	4	477658 166958
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (E)	755	4	477658 166958
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 141.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NW (NW)	757	4	475981 167775
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SE)	760	4	477584 166659
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SE)	764	4	477589 166659
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16SW (NE)	780	4	477386 167612

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 212.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (E)	781	4	477680 166903
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16SW (NE)	784	4	477389 167613
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (W)	793	4	475618 167346
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NE (N)	794	4	476517 168043
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NE (N)	796	4	476519 168046
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NE (N)	796	4	476611 168045
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (E)	800	4	477705 166980
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (W)	800	4	475616 167365
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NE (N)	800	4	476612 168049

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 188.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (E)	806	4	477710 166984
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SW (W)	807	4	475602 166918
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 170.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (NW)	809	4	475782 167676
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SE)	821	4	477644 166643
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (W)	822	4	475590 167359
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NE (N)	822	4	476536 168072
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (W)	823	4	475594 167374
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SE)	825	4	477648 166641
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NE (N)	828	4	476542 168078

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (W)	834	4	475584 167378
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 289.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A15NE (NE)	843	4	477151 167853
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	846	4	476551 168096
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (E)	855	4	477707 166706
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (E)	855	4	477707 166706
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 214.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A9NW (W)	856	4	475557 167366
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 151.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (W)	857	4	475557 167368
175	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A3NW (S)	860	4	476689 166064
176	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (W)	865	4	475554 167387

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (W)	879	4	475541 167391
178	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A3NW (S)	888	4	476715 166034
179	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (W)	890	4	475529 167393
180	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A3NW (S)	890	4	476719 166031
181	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NW)	896	4	475892 167883
182	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 197.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A13NE (NW)	896	4	475935 167918
183	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	896	4	476594 168146
184	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 339.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	896	4	476594 168146
185	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 331.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	901	4	476569 168151

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
186	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (W)	902	4	475480 167169
187	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NW)	907	4	475887 167892
188	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 149.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (W)	908	4	475474 167170
189	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 182.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NW)	911	4	475887 167897
190	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 168.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NW)	911	4	475880 167892
191	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A14NW (NW)	917	4	476043 168009
192	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 388.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A14NW (NW)	918	4	476048 168014
193	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A3NW (S)	924	4	476764 165994
194	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 511.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A5NW (SW)	925	4	475606 166619

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
195	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (SE)	926	4	477741 166601
196	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (NW)	928	4	475634 167682
197	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16SW (NE)	929	4	477571 167645
198	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (NW)	931	4	475627 167679
199	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (SE)	932	4	477746 166599
200	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16SW (NE)	933	4	477575 167646
201	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 449.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (E)	933	4	477756 166616
202	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (E)	933	4	477756 166616
203	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (W)	945	4	475476 167407

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
204	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 453.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (SE)	947	4	477761 166593
205	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (W)	948	4	475473 167407
206	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 157.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A3NW (S)	951	4	476807 165965
207	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (NW)	954	4	475598 167678
208	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (NW)	958	4	475594 167678
209	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (NW)	977	4	475570 167677
210	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 166.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16SW (NE)	980	4	477631 167656
211	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (NW)	980	4	475566 167677
212	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 115.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16SW (NE)	982	4	477630 167659

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
213	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 82.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (E)	987	4	477891 167020
214	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 328.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (SE)	999	4	477530 166198

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
215	Licensed Waste Management Facilities (Locations) Licence Number: 83151 Location: 64 Langley Common Rd, Barkham, Wokingham, Berkshire, RG40 4TS Operator Name: Lanstar Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, West Thames Area Site Category: Special Waste Transfer Stations Licence Status: Surrendered Issued: 29th March 1995 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 27th October 1999 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (S)	448	2	476780 166470
	Local Authority Landfill Coverage Name: Wokingham District Council - Has supplied landfill data		0	5	476641 167067
216	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A6SE (S)	747	-	476453 166228
217	Registered Waste Treatment or Disposal Sites Licence Holder: Lanstar Ltd Licence Reference: 54/12/4/350 Site Location: 64 Langley Common Road, Barkham, WOKINGHAM, Berkshire, RG40 4TS Operator Location: Liverpool Road, Cadishead, MANCHESTER, Greater Manchester, M44 5DTZ Authority: Environment Agency - Thames Region, South East Area Site Category: Storage Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence has completion certificateSurrendered Dated: 29th March 1995 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Max.Waste Permitted By Licence Waste Hydrocarbon Oils Prohibited Waste: Waste N.O.S.	A7NW (S)	448	2	476780 166470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	A10SE (SE)	0	1	476641 167067
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10SE (S)	0	1	476641 167000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10SE (SE)	0	1	476641 167067
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NE (N)	749	1	476641 168000
218	BGS Recorded Mineral Sites Site Name: Targets Farm Brick Field Location: Arborfield Garrison, Wokingham, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 145851 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: London Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A6SE (S)	759	1	476486 166210
219	BGS Recorded Mineral Sites Site Name: Gravelpit Hill Location: Arborfield, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36395 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A15NE (NE)	932	1	477161 167962
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	476641 167067
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (SE)	3	1	476759 166881
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	476641 167067
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11SW (SE)	3	1	476759 166881
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	476641 167067
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	476641 167067
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	476641 167067
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SW (SE)	3	1	476759 166881
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	239	1	476341 166811
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	476641 167067
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	239	1	476341 166811
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	476641 167067
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	476641 167067

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
220	Contemporary Trade Directory Entries Name: Lopez Cars Ltd Location: Woodlands Farm, Wood Lane, Barkham, Wokingham, Berkshire, RG41 4TS Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SW (E)	61	-	476965 166993
220	Contemporary Trade Directory Entries Name: Tt Motors Location: Woodlands Farm, Wood Lane, Barkham, Wokingham, Berkshire, RG41 4TS Classification: Salvage Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SW (E)	61	-	476965 166993
221	Contemporary Trade Directory Entries Name: Absolutely Spotless Location: 1, School Cottages, School Road, Arborfield Cross, Reading, RG2 9NX Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SW (W)	178	-	476218 167057
222	Contemporary Trade Directory Entries Name: Portal Spray Painting Location: 15, ANDERSON CRESCENT, ARBORFIELD CROSS, READING, RG2 9PB Classification: Spraying - Paint & Coatings Status: Active Positional Accuracy: Automatically positioned to the address	A10SE (SW)	196	-	476320 166884
223	Contemporary Trade Directory Entries Name: Arborfield Tyres Location: Tabbys Nook, Eversley Road, Arborfield Cross, Reading, RG2 9PG Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SW (W)	207	-	476211 167009
223	Contemporary Trade Directory Entries Name: Angel City Motors Ltd Location: Eversley rd, Arborfield Cross, Reading, Berkshire, RG2 9PG Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A10SW (W)	221	-	476222 166961
223	Contemporary Trade Directory Entries Name: Berkshire Tyres Ltd Location: Eversley Rd, Arborfield Cross, Reading, Berkshire, RG2 9PG Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A10SW (W)	221	-	476222 166961
223	Contemporary Trade Directory Entries Name: Angel City Motors Location: Eversley Road, Arborfield Cross, Reading, Berkshire, RG2 9PG Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A10SW (W)	238	-	476212 166943
224	Contemporary Trade Directory Entries Name: Barkham Motors Location: School Rd, Barkham, Wokingham, Berkshire, RG41 4TN Classification: Salvage Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A11SE (SE)	239	-	477078 166830
225	Contemporary Trade Directory Entries Name: Just Fleet Location: Eversley Road, Arborfield Cross, Reading, RG2 9PG Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SW (SW)	242	-	476248 166884
225	Contemporary Trade Directory Entries Name: Arborfield Tyres Location: Eversley Road, Arborfield Cross, Reading, RG2 9PG Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SW (SW)	242	-	476248 166884
226	Contemporary Trade Directory Entries Name: Sterling Paving Location: 8, Eversley Road, Arborfield Cross, Reading, RG2 9PU Classification: Asphalt & Coated Macadam Laying Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SW (W)	253	-	476156 167016

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
227	Contemporary Trade Directory Entries Name: Complete Pest Solutions Location: Hill View House, School Road, Barkham, Wokingham, Berkshire, RG41 4TN Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SE (SE)	269	-	477127 166847
228	Contemporary Trade Directory Entries Name: Arborfield Tyres Ltd Location: Eversley Road, Arborfield Cross, Reading, RG2 9PG Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SW (SW)	293	-	476209 166852
229	Contemporary Trade Directory Entries Name: Philip Eaton Ltd Location: Willow Farm, School Road, Barkham, Wokingham, RG41 4TN Classification: Agricultural Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SE (E)	300	-	477203 166967
230	Contemporary Trade Directory Entries Name: Iona Engineering Location: 38, Langley Common Road, Barkham, Wokingham, Berkshire, RG40 4TS Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SE)	371	-	476982 166575
231	Contemporary Trade Directory Entries Name: Dunaways Scrap Cars Location: 1, Hillcrest, Eversley Road, Arborfield Cross, Reading, RG2 9PX Classification: Scrap Yards Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (SW)	387	-	476240 166709
232	Contemporary Trade Directory Entries Name: L P Recoveries Location: 46, Langley Common Road, Barkham, Wokingham, Berkshire, RG40 4TS Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SE)	397	-	476939 166532
233	Contemporary Trade Directory Entries Name: Equestrian Vehicle Services Location: 27, Swallowfield Road, Arborfield, Reading, RG2 9JR Classification: Horse Boxes & Transporting Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SW (W)	400	-	476034 166931
234	Contemporary Trade Directory Entries Name: Imperial Bodycraft Location: 66, Langley Common Road, Barkham, Wokingham, Berkshire, RG40 4TS Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (S)	436	-	476774 166483
235	Contemporary Trade Directory Entries Name: Staysure Ltd Location: 60, Langley Common Road, Barkham, Wokingham, Berkshire, RG40 4TS Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (S)	444	-	476865 166472
235	Contemporary Trade Directory Entries Name: Staysure Ltd Location: 60, Langley Common Road, Barkham, Wokingham, Berkshire, RG40 4TS Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (S)	444	-	476865 166472
235	Contemporary Trade Directory Entries Name: Autochoice Location: 60, Langley Common Road, Barkham, Wokingham, Berkshire, RG40 4TS Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (S)	444	-	476865 166472
235	Contemporary Trade Directory Entries Name: Redlake Garage Services Ltd Location: 58-62, Langley Common Road, Barkham, Wokingham, Berkshire, RG40 4TS Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (S)	452	-	476843 166463

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
235	Contemporary Trade Directory Entries Name: Stay Sure Tyres Location: 58-62, Langley Common Road, Barkham, Wokingham, Berkshire, RG40 4TS Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (S)	452	-	476843 166463
235	Contemporary Trade Directory Entries Name: Selection Cars Location: 58-62, Langley Common Road, Barkham, Wokingham, Berkshire, RG40 4TS Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (S)	452	-	476843 166463
235	Contemporary Trade Directory Entries Name: Coupes & Convertibles Ltd Location: 58-62, Langley Common Road, Barkham, Wokingham, RG40 4TS Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (S)	452	-	476843 166463
235	Contemporary Trade Directory Entries Name: Only Peugeot Location: Langley Common Rd, Barkham, Wokingham, Berkshire, RG40 4TS Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NW (S)	478	-	476882 166440
235	Contemporary Trade Directory Entries Name: Car Select Location: Langley Common Rd, Barkham, Wokingham, Berkshire, RG40 4TS Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NW (S)	490	-	476866 166426
236	Contemporary Trade Directory Entries Name: A French Location: Ellis Hill Farm, Sindlesham Road, Arborfield, Reading, RG2 9JG Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NE (NE)	727	-	477047 167789
236	Contemporary Trade Directory Entries Name: Wysipig Location: Sindlesham Road, Arborfield, Reading, Berkshire, RG2 9JG Classification: Meat Product Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NE (NE)	727	-	477047 167789
237	Contemporary Trade Directory Entries Name: Amarestone Location: Church Lane, Arborfield, Reading, Berkshire, RG2 9JB Classification: Stone Products - Manufacturers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A9NE (W)	731	-	475676 167327
238	Contemporary Trade Directory Entries Name: Downton Motor Engineering Location: UNIT 3, DUCKS NEST FARM, EVERSLEY ROAD, ARBORFIELD, RG2 9PJ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A6SW (SW)	750	-	476302 166273
239	Contemporary Trade Directory Entries Name: Leap Frog Ceramics Ltd Location: Swallowfield Road, Arborfield, Reading, RG2 9JY Classification: Ceramic Manufacturers, Supplies & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SE (W)	792	-	475674 166774
240	Contemporary Trade Directory Entries Name: Ironing Express Location: Reading Rd, Arborfield, Reading, Berkshire, RG2 9HN Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NW (W)	838	-	475578 167372
241	Points of Interest - Commercial Services Name: Southern Windscreens Location: Woodlands Farm, Wood Lane, Barkham, Wokingham, RG41 4TS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A11SW (E)	61	6	476965 166993

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
241	Points of Interest - Commercial Services Name: Southern Autoglaze Location: Woodlands Farm, Wood Lane, Barkham, Wokingham, RG41 4TS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A11SW (E)	61	6	476965 166993
242	Points of Interest - Commercial Services Name: D & L Autos Location: The Old Forge, Eversley Road, Arborfield Cross, Reading, RG2 9PG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A10SW (W)	221	6	476222 166961
242	Points of Interest - Commercial Services Name: F1 Car Valeting Ltd Location: Eversley Road, Arborfield Cross, Reading, RG2 9PG Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A10SW (SW)	240	6	476238 166899
243	Points of Interest - Commercial Services Name: Complete Pest Solutions Location: Hill View House, School Road, Barkham, Wokingham, RG41 4TN Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A11SE (SE)	269	6	477127 166847
244	Points of Interest - Commercial Services Name: L P Recoveries Location: 46 Langley Common Road, Barkham, Wokingham, RG40 4TS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A7NW (SE)	397	6	476938 166532
245	Points of Interest - Commercial Services Name: Equestrian Vehicle Services Ltd Location: 27a Swallowfield Road, Arborfield, Reading, RG2 9JR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A10SW (W)	408	6	476025 166930
246	Points of Interest - Commercial Services Name: Imperial Bodycraft Location: 64b Langley Common Road, Barkham, RG40 4TS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (S)	437	6	476773 166483
246	Points of Interest - Commercial Services Name: Redlake Garage Services Ltd Location: 58-62 Langley Common Road, Barkham, Wokingham, RG40 4TS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (S)	452	6	476843 166463
246	Points of Interest - Commercial Services Name: Redlake Garage Services Ltd Location: 58-62 Langley Common Road, Barkham, Wokingham, RG40 4TS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (S)	453	6	476843 166462
247	Points of Interest - Commercial Services Name: A French Location: Ellis Hill Farm, Elliss Hill, Sindleham, RG2 9JG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A15SW (NE)	602	6	476956 167702
248	Points of Interest - Commercial Services Name: Downton Motor Engineering Location: Ducks Nest Farm, Eversley Road, Arborfield Cross, Reading, RG2 9PJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A6SE (S)	741	6	476329 166272
248	Points of Interest - Commercial Services Name: Downton Motor Engineering Location: Unit 3 Ducks Nest Farm, Eversley Road, Arborfield, RG2 9PJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A6SW (SW)	751	6	476302 166272

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
249	Points of Interest - Manufacturing and Production Name: Tank Location: RG2 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A10SE (SW)	46	6	476480 166992
250	Points of Interest - Manufacturing and Production Name: H G Lee Location: Sindlesham Road, Arborfield, Reading, RG2 9JH Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A10NW (W)	215	6	476170 167173
250	Points of Interest - Manufacturing and Production Name: H G Lee & Son Location: Newlands Farm, Sindlesham Road, Arborfield, RG2 9JH Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	A10NW (W)	217	6	476168 167173
251	Points of Interest - Manufacturing and Production Name: Tank Location: RG40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SE)	493	6	476981 166445
251	Points of Interest - Manufacturing and Production Name: Tank Location: RG40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (SE)	513	6	476958 166417
252	Points of Interest - Manufacturing and Production Name: Amarestone Location: Church Lane, Arborfield, Reading, RG2 9JB Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A9NE (W)	705	6	475684 167242
253	Points of Interest - Manufacturing and Production Name: Works Location: RG2 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (W)	963	6	475439 167336
253	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (W)	964	6	475439 167338
254	Points of Interest - Public Infrastructure Name: Sewage Works Location: RG2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A11NW (N)	231	6	476746 167390
254	Points of Interest - Public Infrastructure Name: Sewage Works Location: RG2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A11NW (NE)	261	6	476838 167359
255	Points of Interest - Public Infrastructure Name: Thames Valley Police Location: 56 Langley Common Road, Barkham, Wokingham, RG40 4TS Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A7NW (SE)	432	6	476887 166486
256	Points of Interest - Public Infrastructure Name: Weir Location: RG2 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NE (N)	799	6	476605 168048

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
256	Points of Interest - Public Infrastructure Name: Weir Location: RG2 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NE (N)	800	6	476600 168050
257	Points of Interest - Recreational and Environmental Name: Play Area Location: RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A10SE (SW)	142	6	476354 166926
258	Points of Interest - Recreational and Environmental Name: Play Area Location: RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A10NW (W)	360	6	476038 167243
259	Points of Interest - Recreational and Environmental Name: Playground Location: Swallowfield Road, RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A10SW (W)	447	6	475974 166946
259	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	470	6	475947 166949
260	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A2NE (S)	980	6	476565 165962
260	Points of Interest - Recreational and Environmental Name: Playground Location: Valon Road, RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A2NE (S)	980	6	476561 165962

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
261	Ancient Woodland Name: Not Supplied Reference: 1505207 Area(m ²): 25644.87 Type: Ancient and Semi-Natural Woodland	A10NE (N)	105	7	476634 167323
262	Ancient Woodland Name: The Coombes Reference: 1505465 Area(m ²): 280018.02 Type: Ancient and Semi-Natural Woodland	A15SE (NE)	546	7	477094 167664
263	Ancient Woodland Name: Not Supplied Reference: 1505097 Area(m ²): 3450.53 Type: Ancient and Semi-Natural Woodland	A5NE (SW)	702	7	475854 166639
264	Ancient Woodland Name: Kidgem Copse Reference: 1505114 Area(m ²): 14695.82 Type: Ancient and Semi-Natural Woodland	A7SE (SE)	719	7	477213 166304
265	Ancient Woodland Name: Not Supplied Reference: 1505102 Area(m ²): 5525.66 Type: Ancient and Semi-Natural Woodland	A13NE (NW)	797	7	475915 167778
266	Ancient Woodland Name: Bignells Copse Reference: 1505118 Area(m ²): 13793.34 Type: Ancient and Semi-Natural Woodland	A12NE (E)	804	7	477665 167269
267	Ancient Woodland Name: Not Supplied Reference: 1505119 Area(m ²): 2025.95 Type: Ancient and Semi-Natural Woodland	A12SE (E)	934	7	477837 167046
268	Ancient Woodland Name: Kidgem Copse Reference: 1505122 Area(m ²): 2308.37 Type: Ancient and Semi-Natural Woodland	A8NE (SE)	967	7	477754 166536
269	Ancient Woodland Name: Kidgem Copse Reference: 1505120 Area(m ²): 5275.37 Type: Ancient and Semi-Natural Woodland	A8SW (SE)	999	7	477533 166202
270	Nitrate Vulnerable Zones Name: Barkham Brook Nvz Description: Surface Water Source: Environment Agency, Head Office	A10SE (SE)	0	3	476641 167067

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Wokingham District Council - Environmental Health Department Environment Agency - Head Office Reading Borough Council - Environmental Health Department Hart District Council - Environmental Health Department	February 2013 November 2023 October 2017 September 2017	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Thames Region	January 2024	Quarterly
Enforcement and Prohibition Notices Environment Agency - Thames Region	March 2013	
Integrated Pollution Controls Environment Agency - Thames Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region	October 2023 October 2023 October 2023	Quarterly Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Hart District Council - Environmental Health Department Wokingham District Council - Environmental Health Department Reading Borough Council - Environmental Health Department	June 2014 June 2014 October 2014	Variable Variable Variable
Local Authority Pollution Prevention and Controls Hart District Council - Environmental Health Department Wokingham District Council - Environmental Health Department Reading Borough Council - Environmental Health Department	June 2014 June 2014 October 2014	Annual Rolling Update Not Applicable Not Applicable
Local Authority Pollution Prevention and Control Enforcements Hart District Council - Environmental Health Department Wokingham District Council - Environmental Health Department Reading Borough Council - Environmental Health Department	June 2014 June 2014 October 2014	Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	February 2024	
Pollution Incidents to Controlled Waters Environment Agency - Thames Region	September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Thames Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Thames Region	March 2013	
Registered Radioactive Substances Environment Agency - Thames Region Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	January 2024 January 2024 January 2024 January 2024	Quarterly Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Thames Region	October 2023	Quarterly

Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - Thames Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	January 2024	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	July 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Thames Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	January 2024 January 2024 January 2024 January 2024	Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	January 2023 January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Hampshire County Council - Minerals and Waste Planning Hart District Council - Environmental Services Reading Borough Council - Planning Wokingham District Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Hampshire County Council - Minerals and Waste Planning Hart District Council - Environmental Services Reading Borough Council - Planning Wokingham District Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Thames Region - South East Area Environment Agency - Thames Region - West Area	June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Hart District Council - Environmental Services Hampshire County Council - Minerals and Waste Planning Wokingham District Council Reading Borough Council - Planning	January 2023 July 2023 July 2023 May 2023	Variable Variable Variable Variable
Planning Hazardous Substance Consents Hampshire County Council - Minerals and Waste Planning Hart District Council - Environmental Services Wokingham District Council Reading Borough Council - Planning	February 2016 February 2016 February 2016 May 2016	Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	January 2024	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	October 2023	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	October 2023	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	October 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2024	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	March 2024	Quarterly
Points of Interest - Education and Health PointX	March 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2024	Quarterly
Points of Interest - Public Infrastructure PointX	March 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	October 2023	Bi-Annually
Areas of Adopted Green Belt Hart District Council - Environmental Services Reading Borough Council Wokingham District Council	February 2024 February 2024 February 2024	Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Hart District Council - Environmental Services Reading Borough Council Wokingham District Council	February 2024 February 2024 February 2024	Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	November 2023	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	February 2024	Bi-Annually
Marine Nature Reserves Natural England	February 2024	Bi-Annually
National Nature Reserves Natural England	February 2024	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 April 2024	Bi-Annually
Ramsar Sites Natural England	February 2024	Bi-Annually
Sites of Special Scientific Interest Natural England	November 2023	Bi-Annually
Special Areas of Conservation Natural England	April 2024	Bi-Annually
Special Protection Areas Natural England	October 2023	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service 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	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Wokingham District Council - Environmental Health Department Council Offices, Shute End, Wokingham, Surrey, RG40 1BN	Telephone: 0118 974 6000 Fax: 0118 974 5053 Website: www.wokingham.gov.uk
6	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited 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.

Historical Land Use Information (1:10,000)

General

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

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts	◆	—	▨
Disturbed Ground	◆	—	▨
General Quarrying	◆	—	▨
Heap, unknown constituents	◆	—	▨
Mineral Railway	◆	—	▨
Mining and Quarrying General	◆	—	▨
Mining of Coal & Lignite	◆	—	▨
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits	◆	—	▨

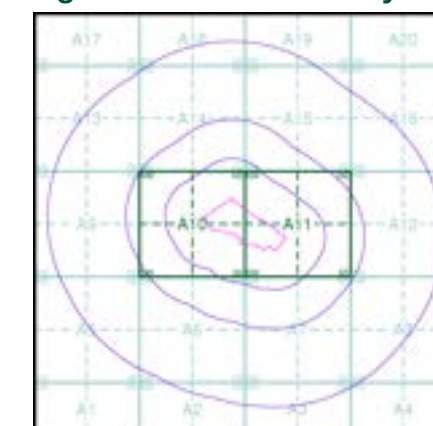
Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)	●	---	▨
Potentially Infilled Land (Water)	●	---	▨
Former Marsh	✕		

Mining Data

 Potential Mining Area
▼ BGS Recorded Mineral Site

Mining and Ground Stability - Slice A

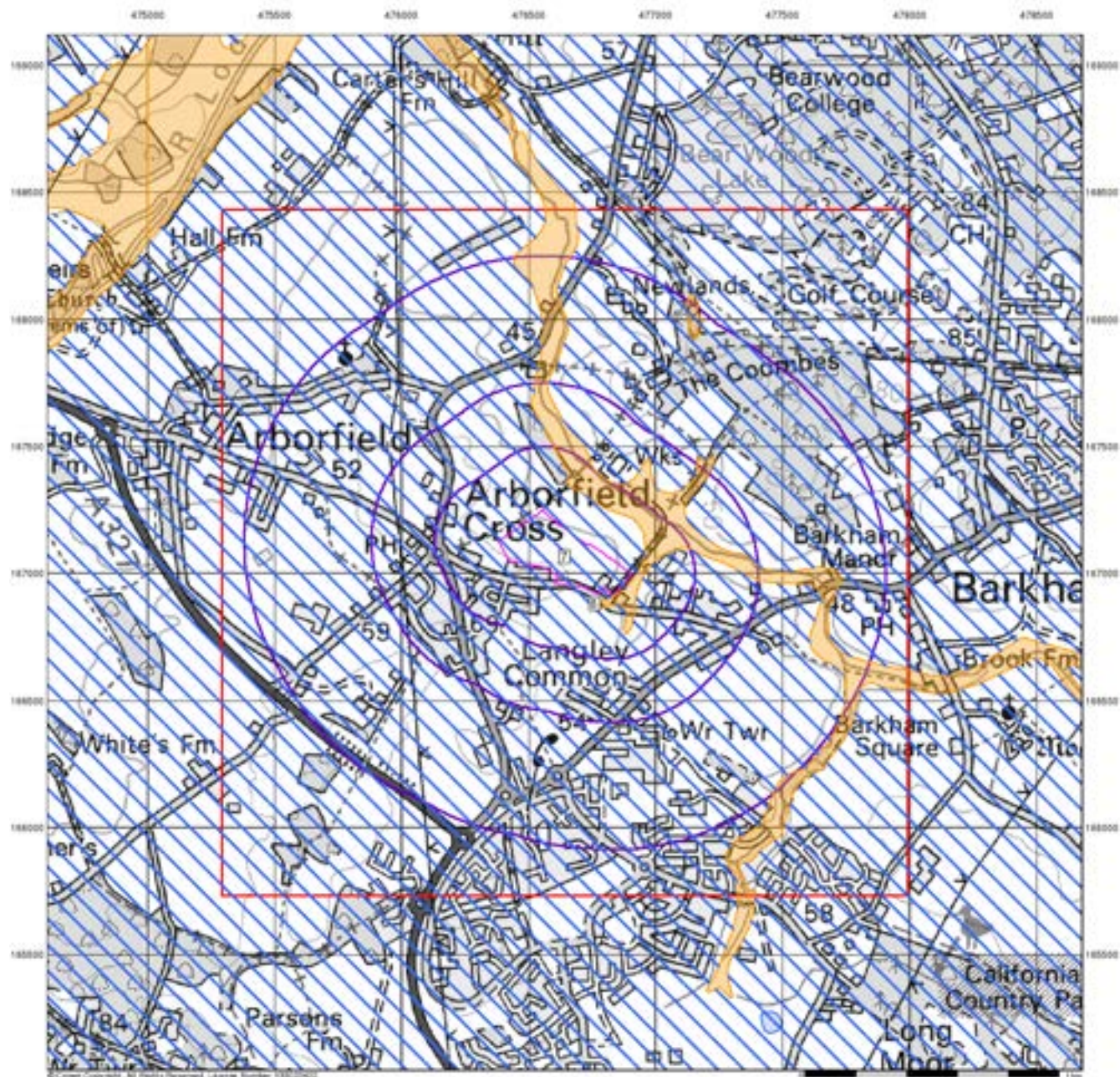


Order Details

Order Number: 343803462_1_1
 Customer Ref: JT0584_RJ
 National Grid Reference: 476640, 167070
 Slice: A
 Site Area (Ha): 8.17
 Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN



Ground Stability Data (1:50,000)

General

- Specified Site
- Specified Buffer (0)
- Bearing Reference Point
- Site
- Map ID

Potential for Compressible Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Collapsible Ground Stability Hazards

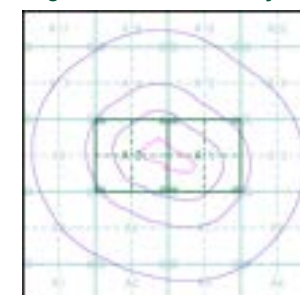
- High
- Moderate
- Low
- Very Low

Brine Pumping and Salt Mining

- Brine Pumping Related Feature
- Salt Mining Related Feature

- | Point | Polygon |
|-------|---------|
| | |
| | |

Mining and Ground Stability - Slice A

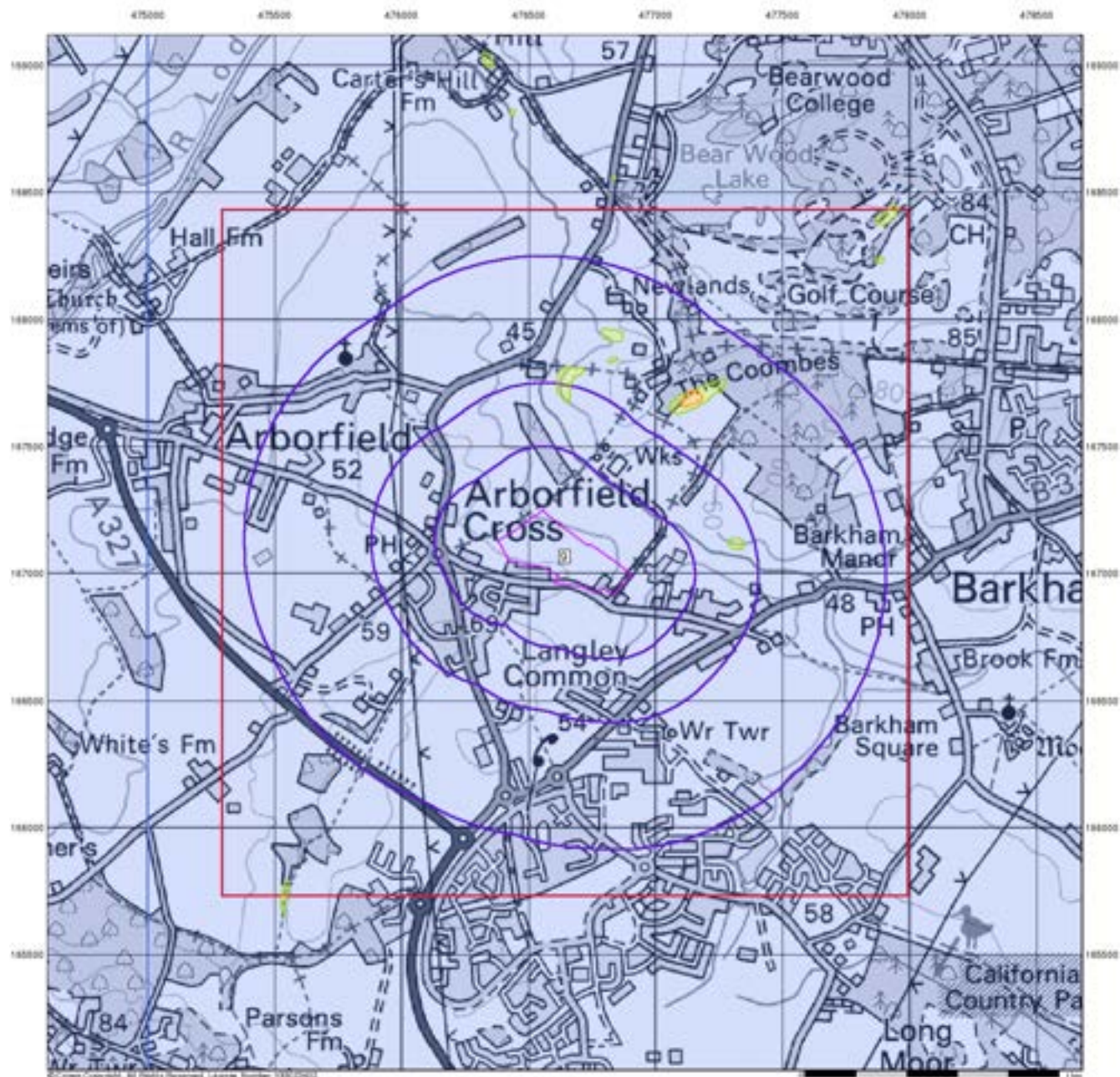


Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN



Ground Stability Data (1:50,000)

General

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

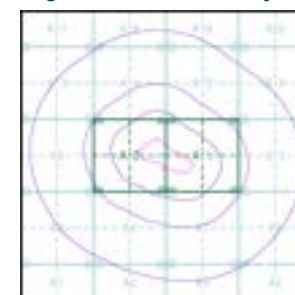
Potential for Landslide Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Ground Dissolution Stability Hazards

- ▨ High
- ▨ Moderate
- ▨ Low
- ▨ Very Low

Mining and Ground Stability - Slice A

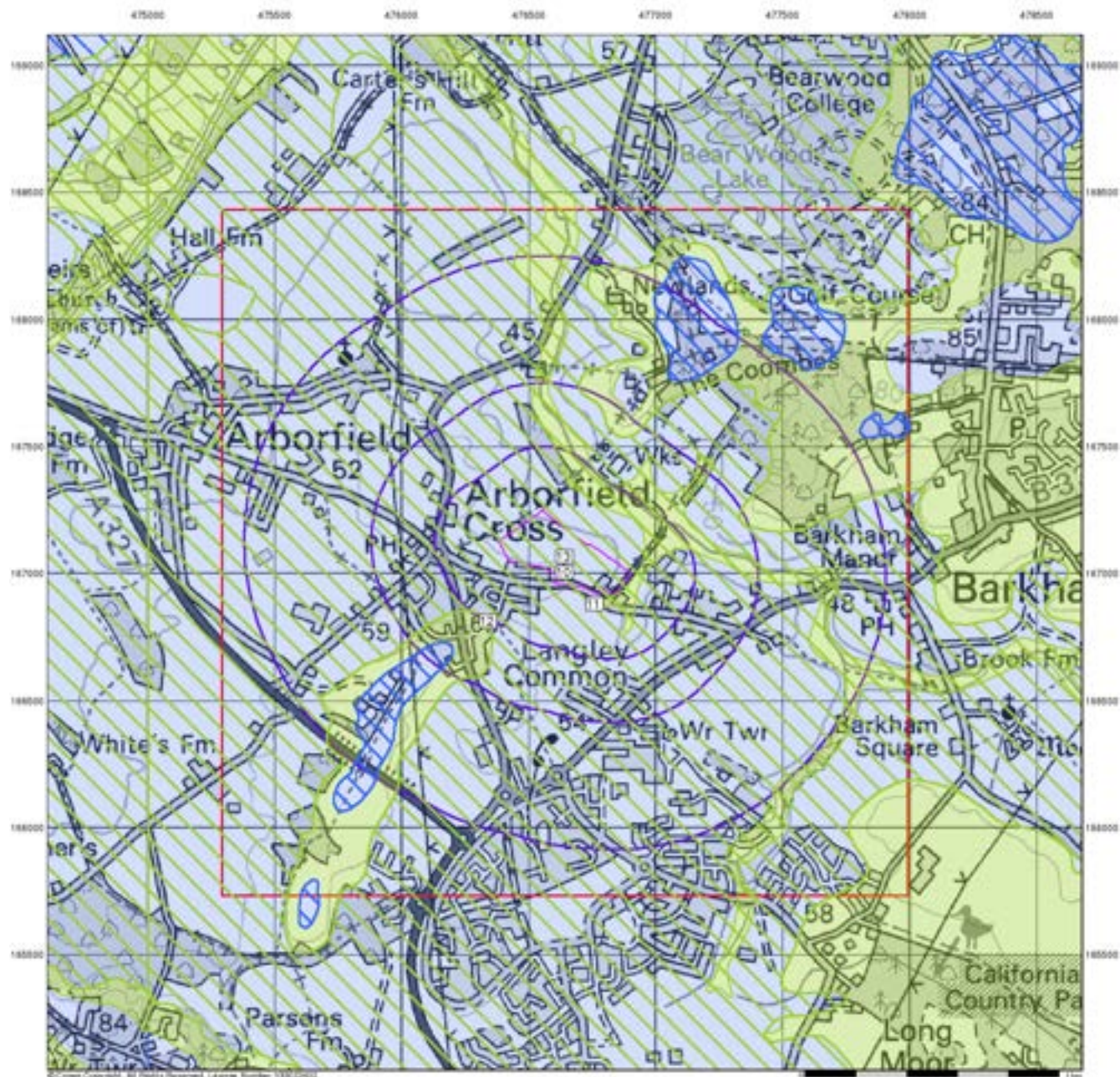


Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN



Ground Stability Data (1:50,000)

General

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

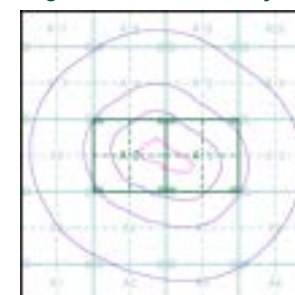
Potential for Running Sand Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Mining and Ground Stability - Slice A



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN

Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

343803462_1_1

Customer Reference:

JT0584_RJ

National Grid Reference:

476640, 167070

Slice:

A

Site Area (Ha):

8.17

Search Buffer (m):

1000

Site Details:

Land North of
School Road
Arborfield Cross, Wokingham
RG41 4TN

Client Details:

MR D Spearman
Southern Testing
Keeble House
Stuart Way
East Grinstead
West Sussex
RH19 4QA

Report Section and Details	Page Number
Summary	-
The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected. For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).	
Mining and Natural Cavities Data	1
The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities. Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.	
Historical Land Use Information (1:2,500)	2
The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative. For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.	
Historical Land Use Information (1:10,000)	3
The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses. For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.	
Ground Stability Data (1:50,000)	4
The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.	
Historical Map List	5
The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.	
Data Currency	6
Data Suppliers	7
Useful Contacts	8

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites	pg 1				2
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability			n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential Mining Areas					
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 2		2	n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying					
Heap, unknown constituents					
Mineral Railway					
Mining & quarrying general					
Mining of coal & lignite					
Quarrying of sand & clay, operation of sand & gravel pits	pg 3				1
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 3				1
Potentially Infilled Land (Water)					
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 4	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 4	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 4	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 4	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 4	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 4	Yes	Yes	n/a	n/a
Salt Mining Related Features					

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	BGS Recorded Mineral Sites Site Name: Targets Farm Brick Field Location: Arborfield Garrison, Wokingham, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 145851 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: London Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A6SE (S)	759	1	476486 166210
2	BGS Recorded Mineral Sites Site Name: Gravelpit Hill Location: Arborfield, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36395 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A15NE (NE)	932	1	477161 167962
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				

Historical Land Use Information (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Extractive Industries or Potential Excavations from 1950-1980 Use: Swimming Pool First Map Published 1967 Date: Last Map Published N/A Date:	A10SE (SW)	4	-	476589 167003
4	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1968 Date: Last Map Published N/A Date:	A11SW (SE)	48	-	476789 166875

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1931	A15NE (NE)	939	-	477158 167974
6	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A6SE (S)	747	-	476453 166228

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
7	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	476641 167067
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (SE)	3	1	476759 166881
8	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11SW (SE)	3	1	476759 166881
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	476641 167067
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	476641 167067
9	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	476641 167067
10	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	476641 167067
11	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SW (SE)	3	1	476759 166881
12	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	239	1	476341 166811
13	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SE)	0	1	476641 167067
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	239	1	476341 166811

The following mapping has been analysed for Historical Land Use Information (1:2,500):

1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	SU7566	1967
Ordnance Survey Plan	SU7667	1967
Ordnance Survey Plan	SU7667	1967
Ordnance Survey Plan	SU7767	1967
Ordnance Survey Plan	SU7567	1968
Ordnance Survey Plan	SU7666	1968
Ordnance Survey Plan	SU7666	1968
Ordnance Survey Plan	SU7766	1968

The following mapping has been analysed for Historical Land Use Information (1:10,000):

1:10,560	Mapsheet	Published Date
Berkshire	046_00	1876
Berkshire	038_00	1883
Berkshire	038_SW	1900
Berkshire	046_NW	1900
Berkshire	038_SW	1912
Berkshire	046_NW	1912
Berkshire	038_SW	1931
Berkshire	046_NW	1932
Ordnance Survey Plan	SU76NE	1961
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	SU76NE	1990

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	January 2024	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2023	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2023	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	July 2023	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service 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
-	Landmark Information Group Limited 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



Historical Land Use Information (1:2,500)

General

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

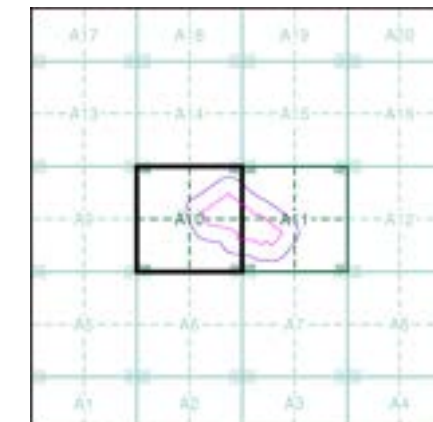
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1980			

Subterranean Features

	Point	Line	Polygon
Subterranean Features			

Mining and Ground Stability - Segment A10

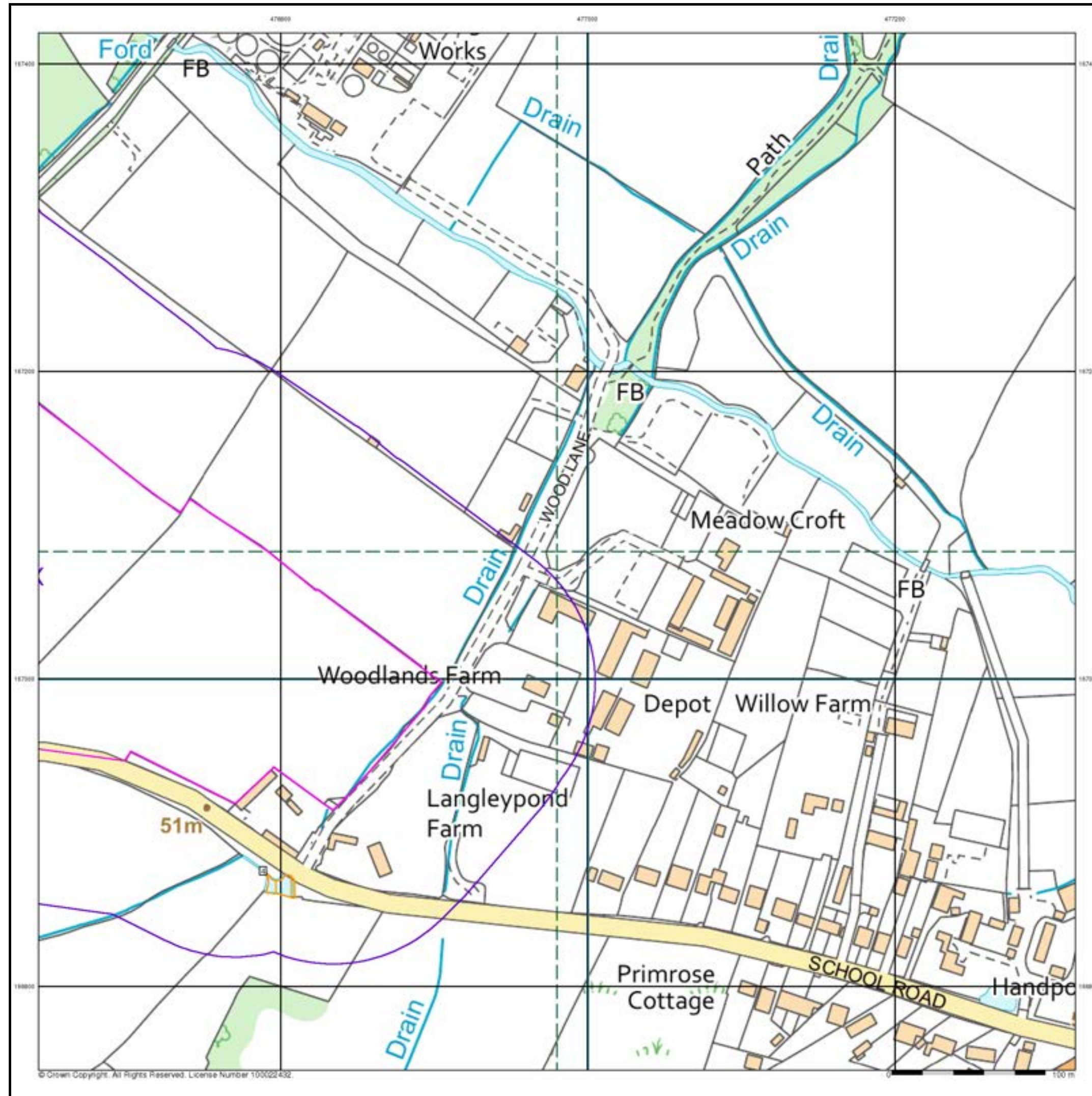


Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Plot Buffer (m): 100

Site Details

Land North of, School Road, Arborfield Cross, Wokingham,
RG41 4TN



Historical Land Use Information (1:2,500)

General

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

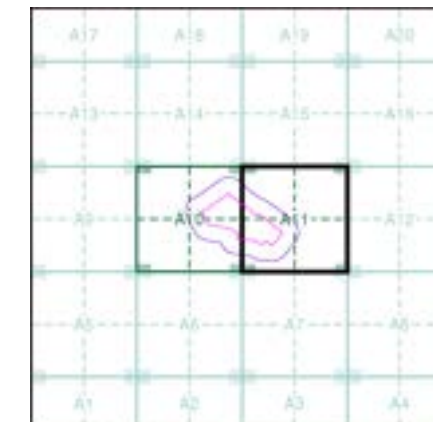
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909			
Extractive Industries Activity from 1893 - 1915			
Extractive Industries Activity from 1906 - 1937			
Extractive Industries Activity from 1924 - 1949			
Extractive Industries Activity from 1950 - 1980			

Subterranean Features

	Point	Line	Polygon
Subterranean Features			

Mining and Ground Stability - Segment A11



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Plot Buffer (m): 100

Site Details

Land North of, School Road, Arborfield Cross, Wokingham,
RG41 4TN

Envirocheck[®] Report:

Historical Data Report Datasheet

Order Details:

Order Number:

343803462_1_1

Customer Reference:

JT0584_RJ

National Grid Reference:

476640, 167070

Slice:

A

Site Area (Ha):

8.17

Search Buffer (m):

1000

Site Details:

Land North of
School Road
Arborfield Cross, Wokingham
RG41 4TN

Client Details:

MR D Spearman
Southern Testing
Keeble House
Stuart Way
East Grinstead
West Sussex
RH19 4QA

Report Section	Page Number
Summary	-
Historical Building Plans Information	-
Historical Land Use Information	1
Historical Tanks and Energy Facilities	-
Historical Map List	2
Useful Contacts and Further Information	3

Introduction

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

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

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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Historical Building Plans Information					
Areas Cleared Due To Enemy Action					
Above Ground Fuel Tanks (100m)				n/a	n/a
Asbestos (100m)				n/a	n/a
Benzene/Benzole/Naphtha, Naphthalene/Kerosene (100m)				n/a	n/a
Electricity Generation (100m)				n/a	n/a
Electricity Sub-Station (100m)				n/a	n/a
Gas Industry (100m)				n/a	n/a
Gas Storage (100m)				n/a	n/a
Gas Use (100m)				n/a	n/a
Oil Industry (100m)				n/a	n/a
Oil Storage (100m)				n/a	n/a
Oil Use (100m)				n/a	n/a
Paint based Oils (100m)				n/a	n/a
Paraffin (100m)				n/a	n/a
Petrol and Diesel Industry (100m)				n/a	n/a
Petrol and Diesel Storage (100m)				n/a	n/a
Petrol and Diesel Use (100m)				n/a	n/a
Potential Fuel Gas (100m)				n/a	n/a
Potential Fuel Oil (100m)				n/a	n/a
Potential Fuel Use (100m)				n/a	n/a
Potential Petrol and Diesel (100m)				n/a	n/a
Potential Tanks (100m)				n/a	n/a
Potentially Fuel-related Tanks (100m)				n/a	n/a
Underground Fuel Tanks (100m)				n/a	n/a
Historical Land Use Information					
Former Marshes					
Historical Flood Liabilities					
Potentially Contaminative Industrial Uses (Past Land Use)	pg 1		1	2	3
Potentially Infilled Land (Non-Water)	pg 1				1
Potentially Infilled Land (Water)					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Historical Tanks and Energy Facilities					
Electrical Sub Station Facilities (100m)				n/a	n/a
Electricity Industry Facilities (100m)				n/a	n/a
Gas Industry Facilities (100m)				n/a	n/a
Gas Monitoring Facilities (100m)				n/a	n/a
Miscellaneous Power Facilities (100m)				n/a	n/a
Oil Industry Facilities (100m)				n/a	n/a
Petroleum Storage Facilities (100m)				n/a	n/a
Potential Tanks (100m)				n/a	n/a
Tanks (100m)				n/a	n/a

Historical Land Use Information

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Potentially Contaminative Industrial Uses (Past Land Use) Use: Sewage Date of Mapping: 1990	A11NW (NE)	237	1	476814 167346
2	Potentially Contaminative Industrial Uses (Past Land Use) Use: Road haulage Date of Mapping: 1990	A7NW (S)	416	1	476772 166503
3	Potentially Contaminative Industrial Uses (Past Land Use) Use: Military Land Date of Mapping: 1961 - 1978	A7NW (SE)	471	1	476899 166448
4	Potentially Contaminative Industrial Uses (Past Land Use) Use: Clay bricks & tiles [manufacture] Date of Mapping: 1876 - 1900	A6SE (S)	747	1	476453 166228
5	Potentially Contaminative Industrial Uses (Past Land Use) Use: Cemetery or Graveyard Date of Mapping: 1883	A13NE (NW)	905	1	475781 167809
6	Potentially Contaminative Industrial Uses (Past Land Use) Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1931	A15NE (NE)	939	1	477158 167974
7	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A6SE (S)	747	1	476453 166228

No Historical Building Plans information available.

The following mapping has been analysed for Historical Land Use Information:

1:10,560	Mapsheet	Published Date
Berkshire	046_00	1876
Berkshire	038_00	1883
Berkshire	038_SW	1900
Berkshire	046_NW	1900
Berkshire	038_SW	1912
Berkshire	046_NW	1912
Berkshire	038_SW	1931
Berkshire	046_NW	1932
Ordnance Survey Plan	SU76NE	1961
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	SU76NE	1990

The following mapping has been analysed for Historical Tanks and Energy Facilities:

1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	SU7566	1967
Ordnance Survey Plan	SU7667	1967
Ordnance Survey Plan	SU7667	1967
Ordnance Survey Plan	SU7767	1967
Ordnance Survey Plan	SU7567	1968
Ordnance Survey Plan	SU7666	1968
Ordnance Survey Plan	SU7666	1968
Ordnance Survey Plan	SU7766	1968

Contact	Name and Address	Contact Details
1	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

Historical Building Plans Information

This data set contains potentially contaminative features such as asbestos, petrol, oil and tanks captured from Historical Building Plans. The Historical Building Plans were produced by the London-based firm Charles E. Goad Ltd. as fire insurance plans, dating back to 1885. The firm ceased production of fire insurance plans in 1970. Most of the important towns and cities of the British Isles are covered. Historical Building Plans are usually at the scales of 1:480 (1 inch to 40 feet) for the British Isles. They were updated every 5-6 years by means of revision sheets designed to be pasted on to the original plans.

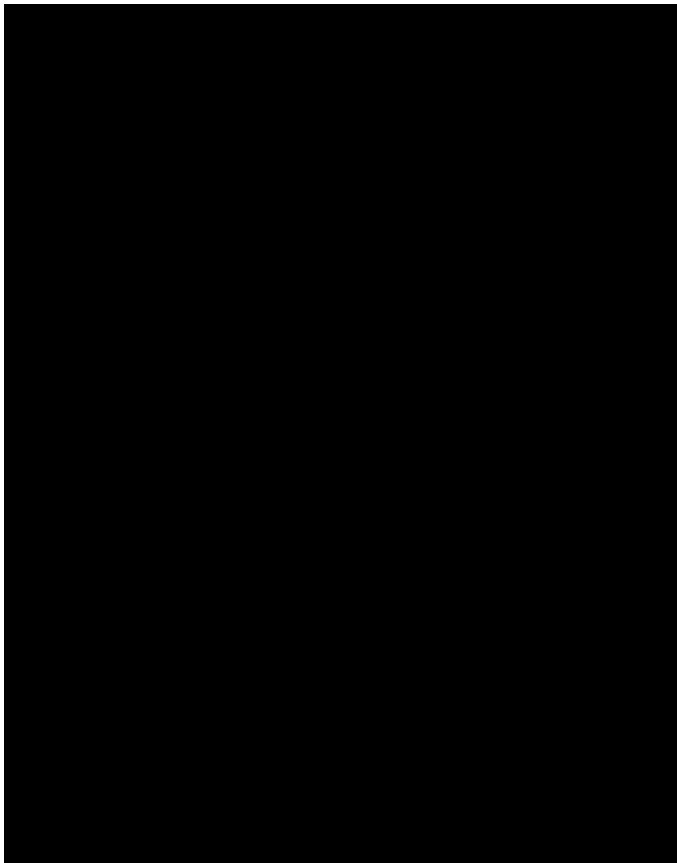
It should be noted that Historical Building Plans are only available for certain major towns and cities and in some cases there may only be partial coverage of the search area. It cannot therefore be assumed that the absence of responses under the Historical Building Plans section of this report indicates that no hazards exist. Please check the Historical Building Plans Map List table in the Historical Map List section of this report to establish if Historical Building Plans are available for this search area.

Historical Land Use Information

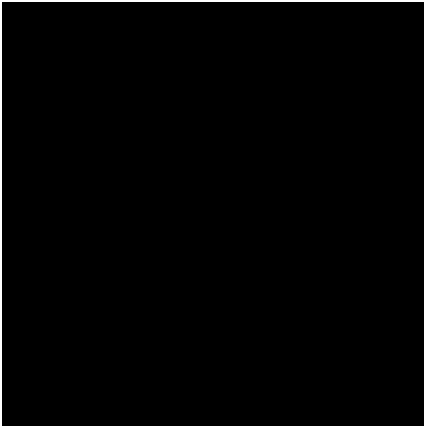
Landmark's Historical Land Use Data is the result of combined analysis of historical map data captured at 1:10,560 and 1:10,000. A unique comprehensive database of Historic Land Use from the 1840's to 1996 it includes 67 different types of potentially contaminated past industrial land use. This entailed analysing over 60,000 maps and is drawn from at least four, and up to six historical map editions. In addition a seventh layer was also created, known as the land use layer, containing areas of infilled land which are plotted via comparison between two or more map editions.

Historical Tanks and Energy Facilities

In addition to HLU, additional analysis uncovered some of the most dangerous sources of contamination (past and present tanks, petrol storage, oil, gas, electricity, miscellaneous facilities). This data set covers over 390,000 Historical Tanks and Energy facilities in Great Britain and was captured from post war 1:2500 and 1:1250 Ordnance Survey historical mapping covering a period from 1943 to 1996.



Historical Data Report - Segment A10

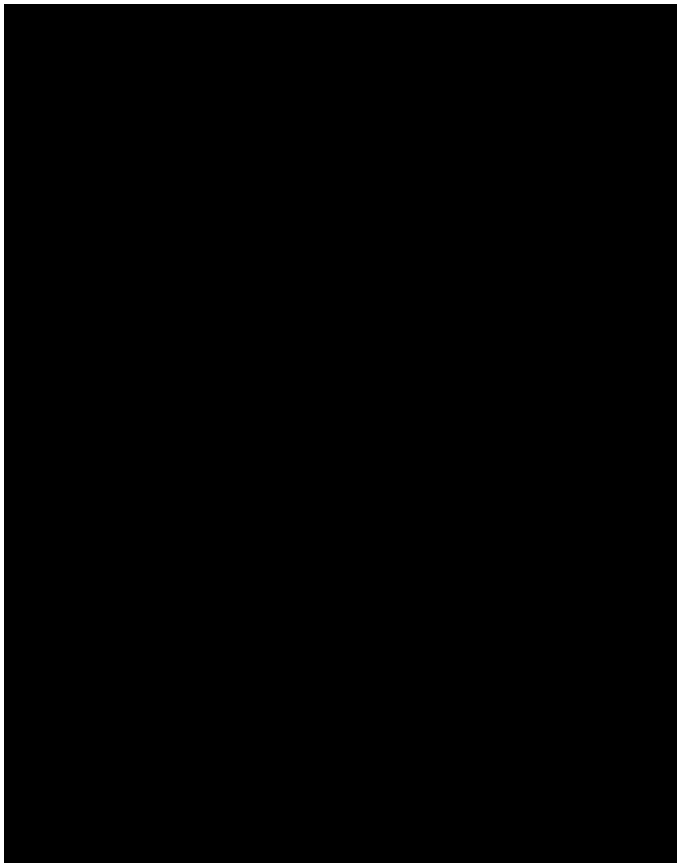


Order Details

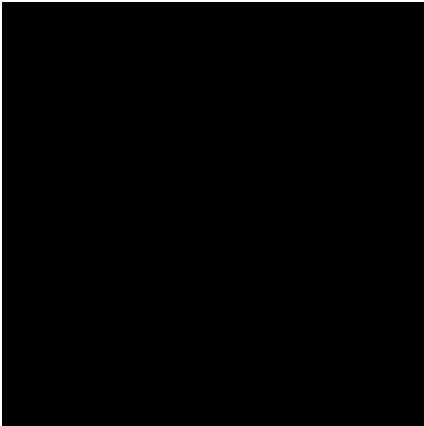
Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Plot Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



Historical Data Report - Segment A11



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Plot Buffer (m): 100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN

General

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

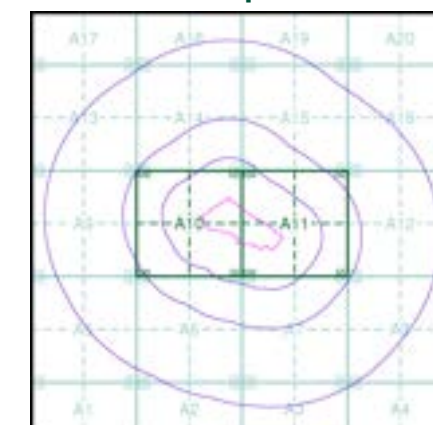
Historical Building Plans

- Area Cleared due to Enemy Action

Historical Land Use

- Former Marsh
- Historical Flood Liability
- Historical Flood Liability (Location)
- Potentially Contaminative Industrial Use (Past Land Use)
- Potentially Contaminative Industrial Use (Past Land Use) (Linear)
- Potentially Contaminative Industrial Use (Past Land Use) (Location)
- Potentially Infilled Land (Non-Water)
- Potentially Infilled Land (Non-Water) (Linear)
- Potentially Infilled Land (Non-Water) (Location)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water) (Linear)
- Potentially Infilled Land (Water) (Location)

Historical Data Report - Slice Map A



Order Details

Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN



Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	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
	RTD5	River Terrace Deposits, 5	Sand and Gravel	Not Supplied - Quaternary
	HEAD	Head	Gravel, Sand, Silt and Clay	Not Supplied - Quaternary
	RTD3	River Terrace Deposits, 3	Sand and Gravel	Not Supplied - Quaternary
	RTD4	River Terrace Deposits, 4	Sand and Gravel	Not Supplied - Quaternary
	RTD6	River Terrace Deposits, 6	Sand and Gravel	Not Supplied - Quaternary
	RTD2	River Terrace Deposits, 2	Sand and Gravel	Not Supplied - Quaternary
	BRK	Brickearth	Clay, Silt and Sand	Not Supplied - Pleistocene

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Ypresian
	BGS	Bagshot Formation	Sand	Not Supplied - Ypresian

Geology 1:50,000 Maps

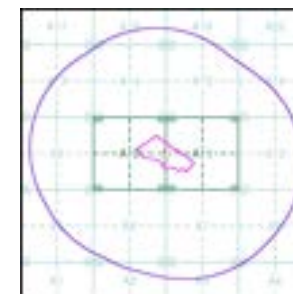
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:	268
Map Name:	Reading
Map Date:	2000
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Not Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A

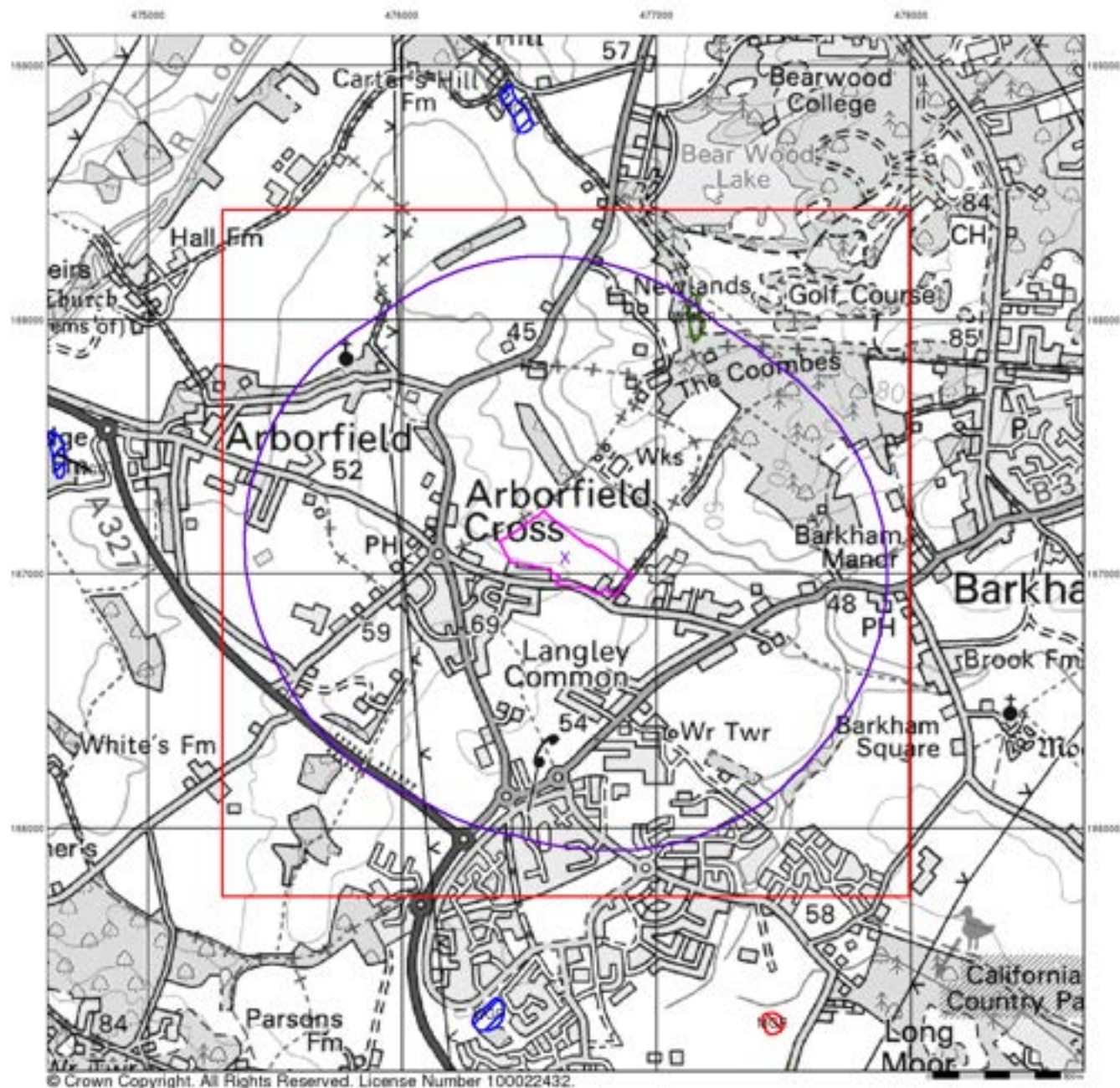


Order Details:

Order Number:	343803462_1_1
Customer Reference:	JT0584_RJ
National Grid Reference:	476640, 167070
Slice:	A
Site Area (Ha):	8.17
Search Buffer (m):	1000

Site Details:

Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN



Artificial Ground and Landslip

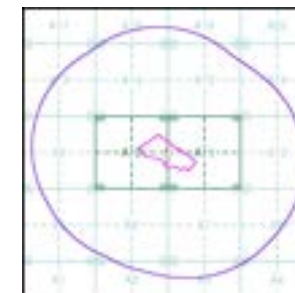
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A

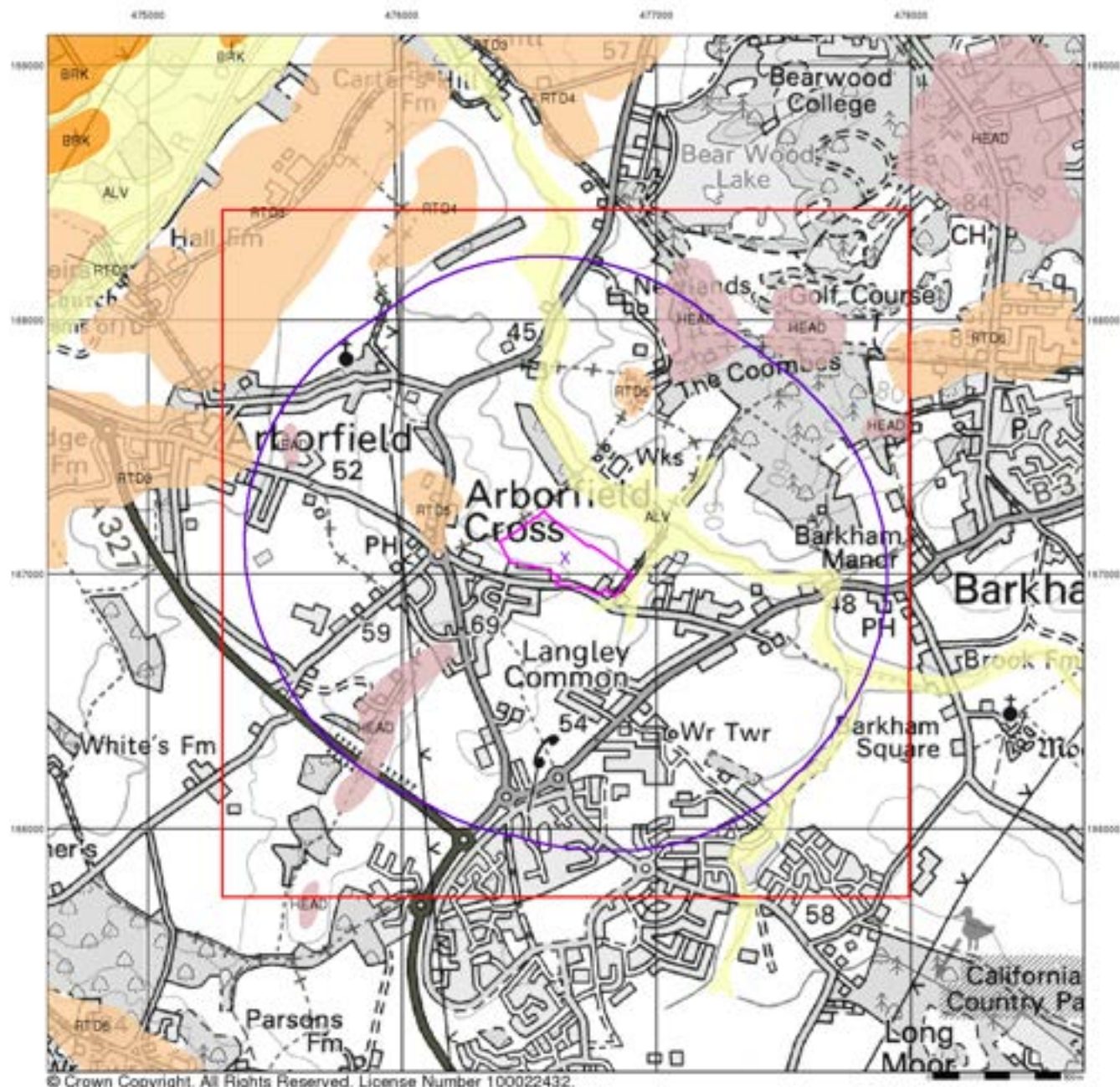


Order Details:

Order Number: 343803462_1_1
Customer Reference: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details:

Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN



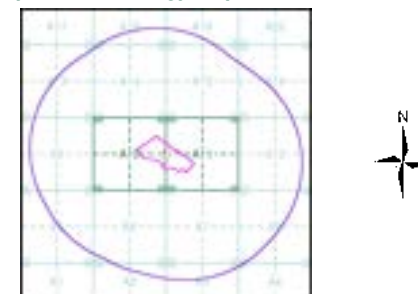
Superficial Geology

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

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

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

Superficial Geology Map - Slice A

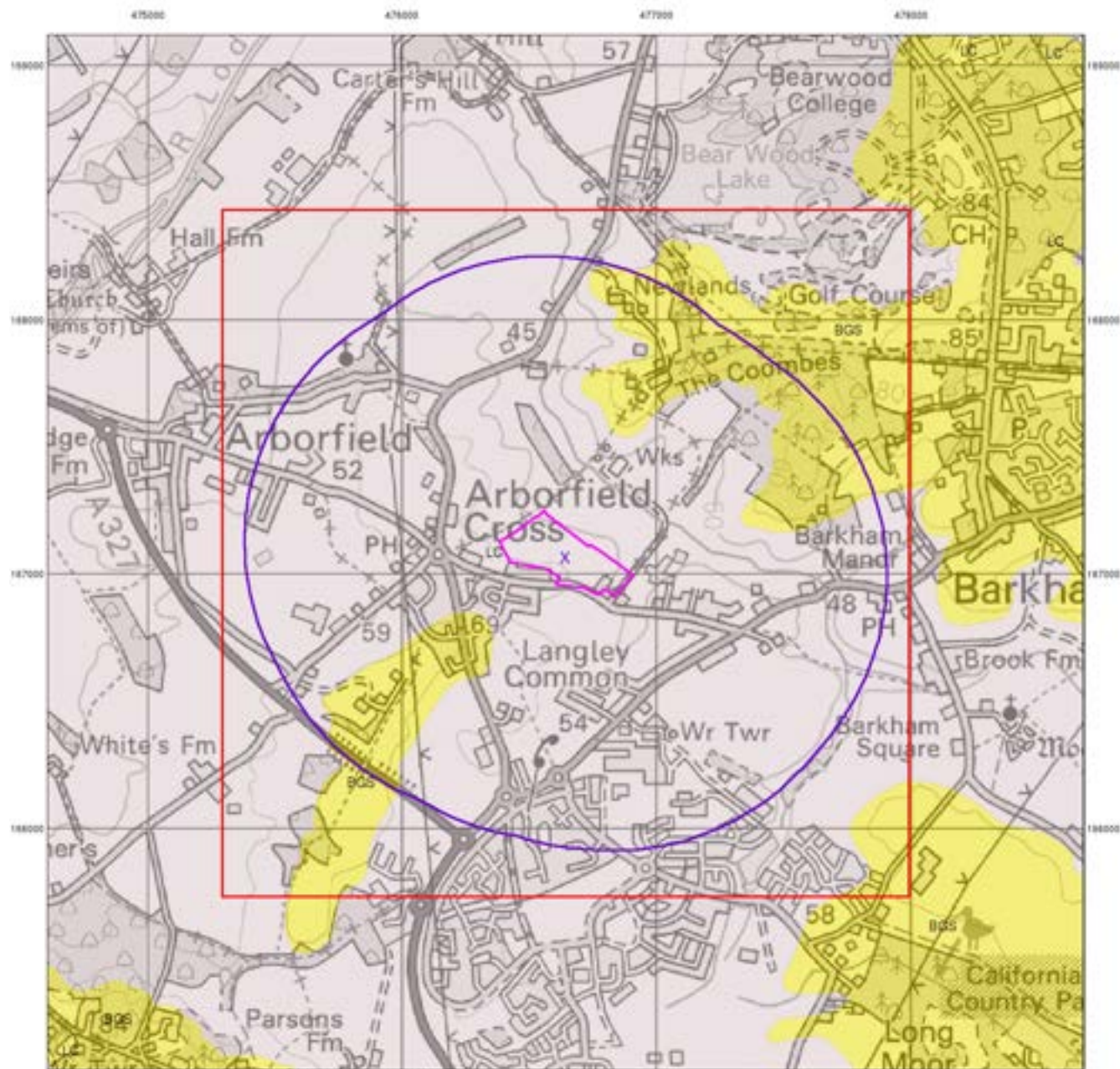


Order Details:

Order Number: 343803462_1_1
Customer Reference: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details:

Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN



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Bedrock and Faults

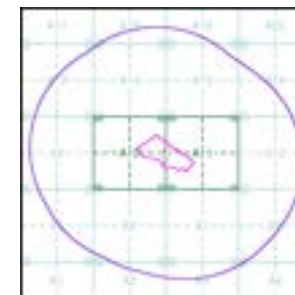
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A

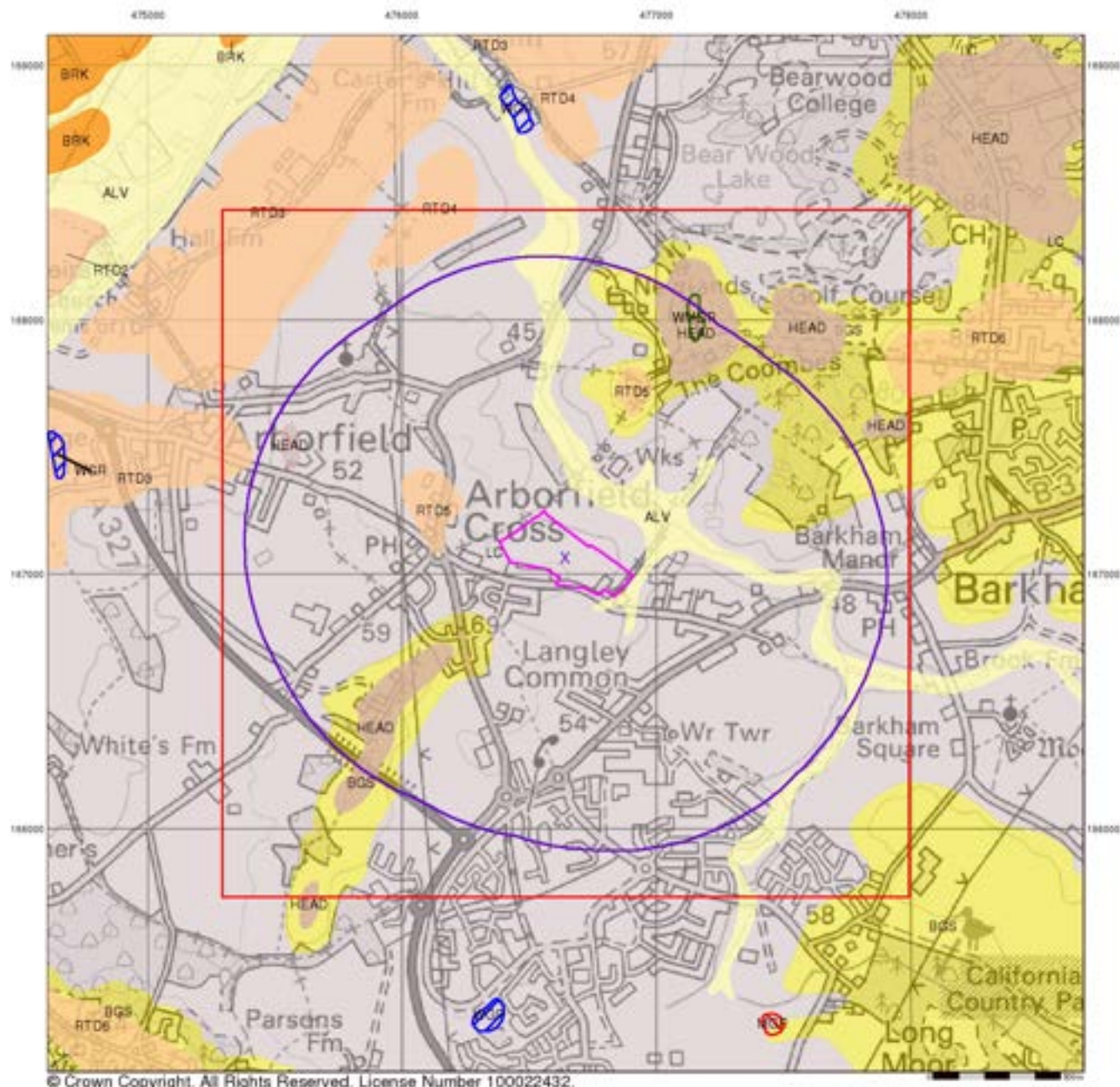


Order Details:

Order Number: 343803462_1_1
Customer Reference: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details:

Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN



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Combined Surface Geology

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

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

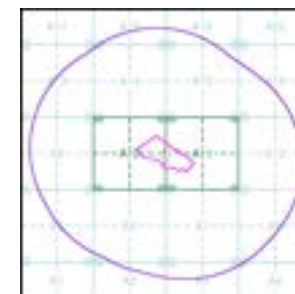
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

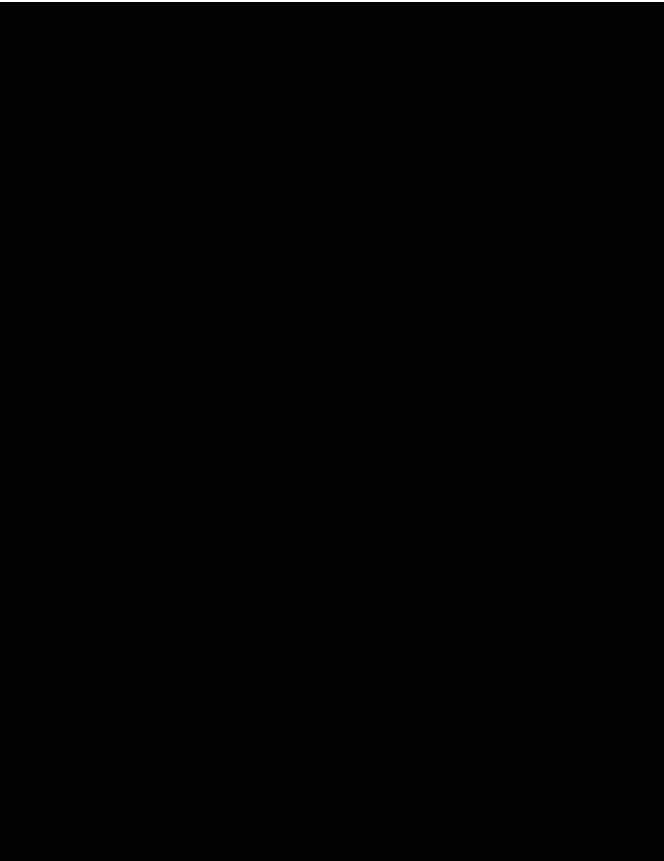
Order Number: 343803462_1_1
Customer Reference: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

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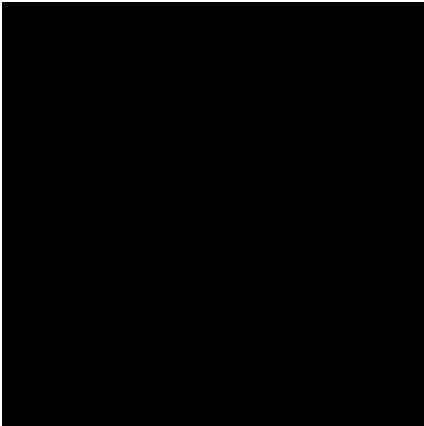
Land North of, School Road, Arborfield Cross, Wokingham, RG41 4TN



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



Site Sensitivity Map - Segment A10



Order Details

Order Number:343803462_1_1

Customer Ref:JT0584_RJ

National Grid Reference:476640, 167070

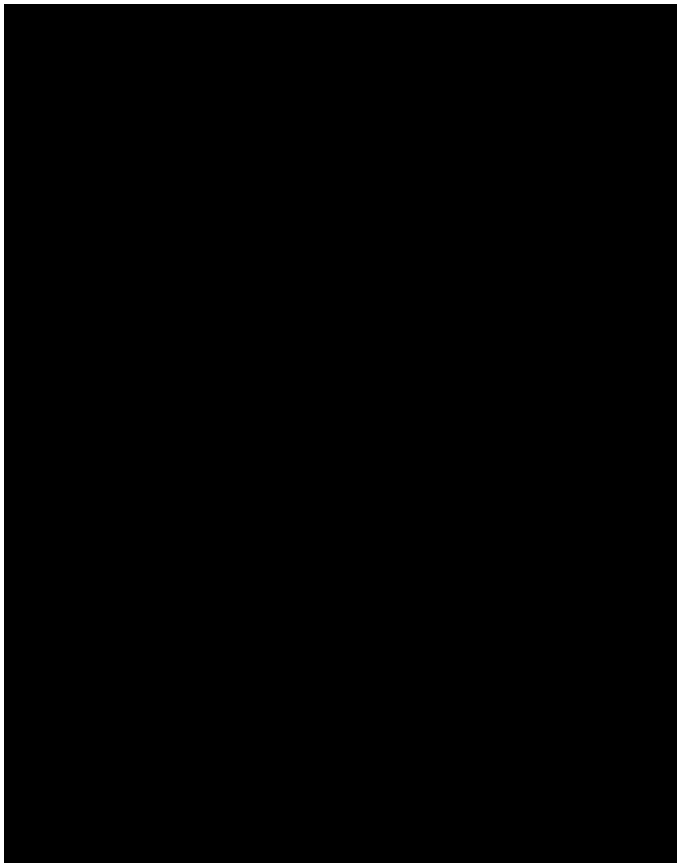
Slice:A

Site Area (Ha):8.17

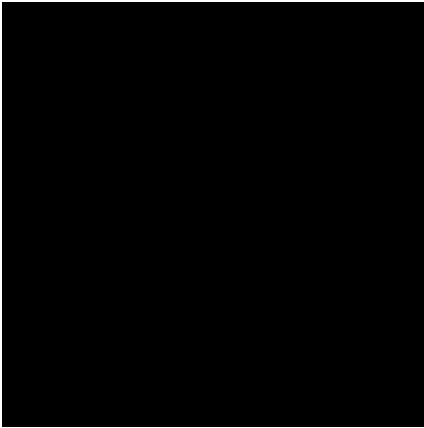
Plot Buffer (m):100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



Site Sensitivity Map - Segment A11



Order Details

Order Number:343803462_1_1

Customer Ref:JT0584_RJ

National Grid Reference:476640, 167070

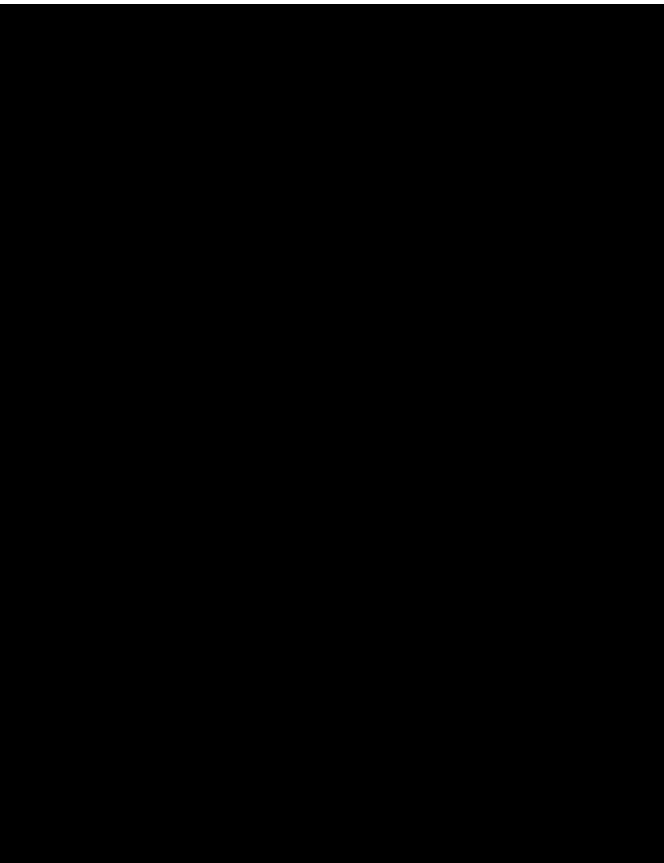
Slice:A

Site Area (Ha):8.17

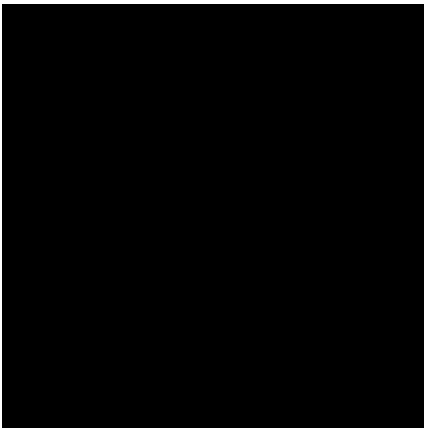
Plot Buffer (m):100

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



Site Sensitivity Map - Slice A



Order Details

Order Number:343803462_1_1

Customer Ref:JT0584_RJ

National Grid Reference:476640, 167070

Slice:A

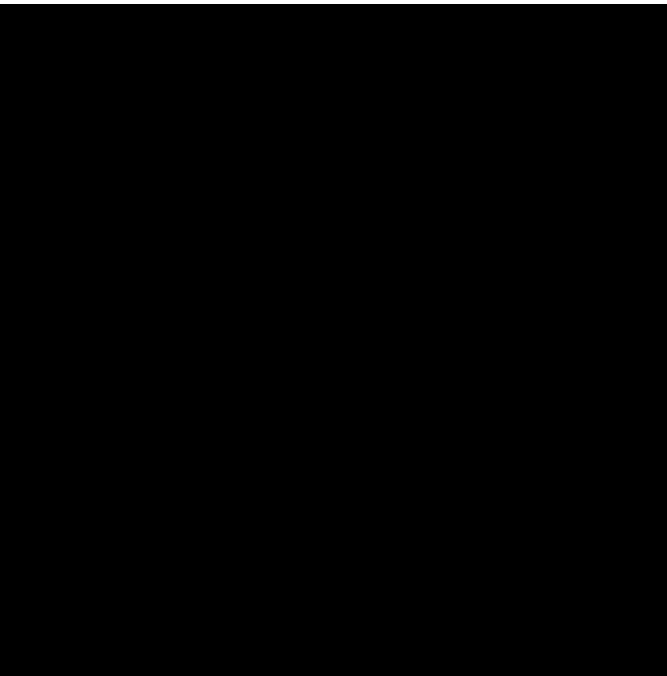
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Search Buffer (m):1000

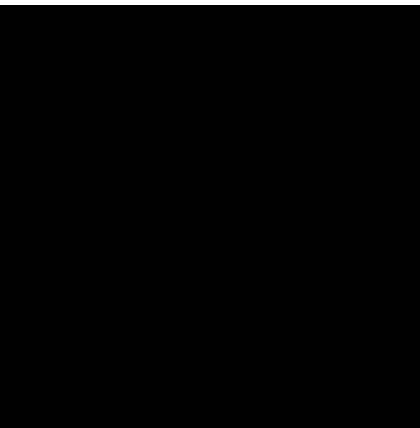
Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN

Industrial Land Use Map



Industrial Land Use Map - Slice A

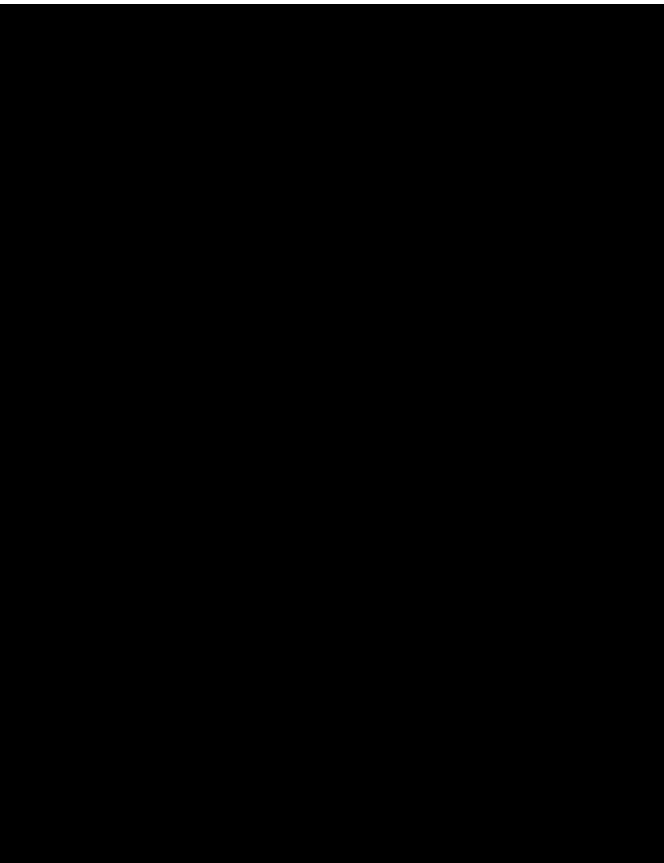


Order Details

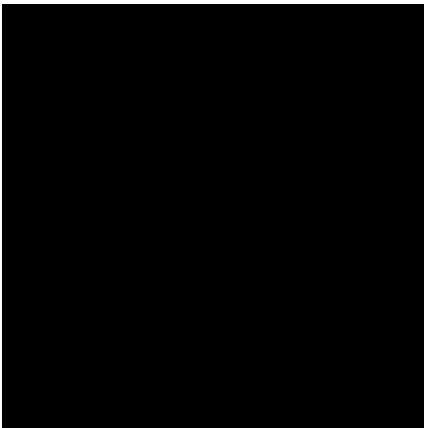
Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



Flood Map - Slice A



Order Details

Order Number:

343803462_1_1

Customer Ref:

JT0584_RJ

National Grid Reference:

476640, 167070

Slice:

A

Site Area (Ha):

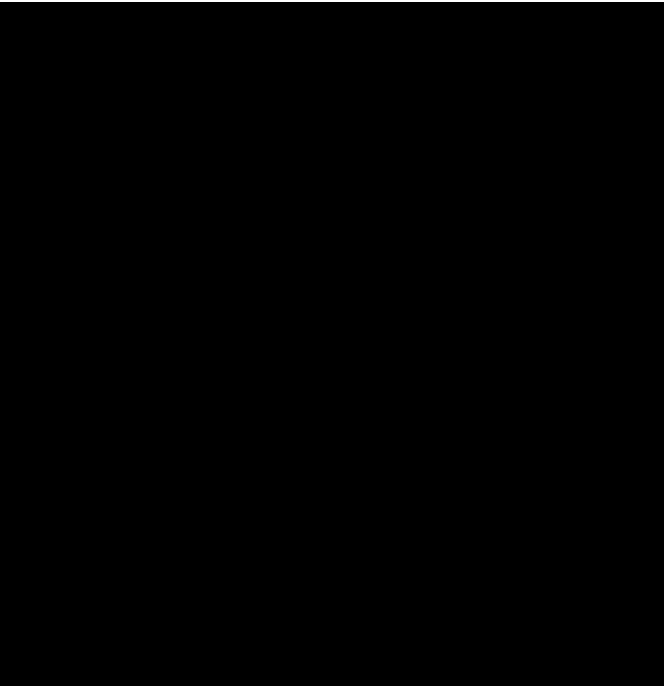
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Search Buffer (m):

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Site Details

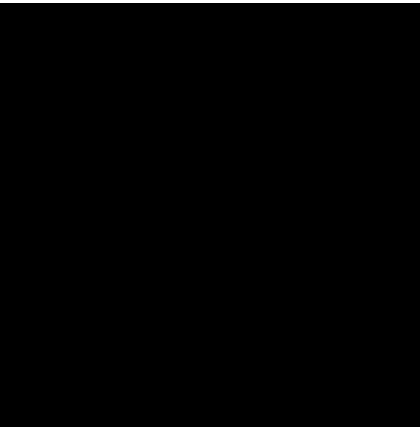
Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



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

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

Borehole Map - Slice A

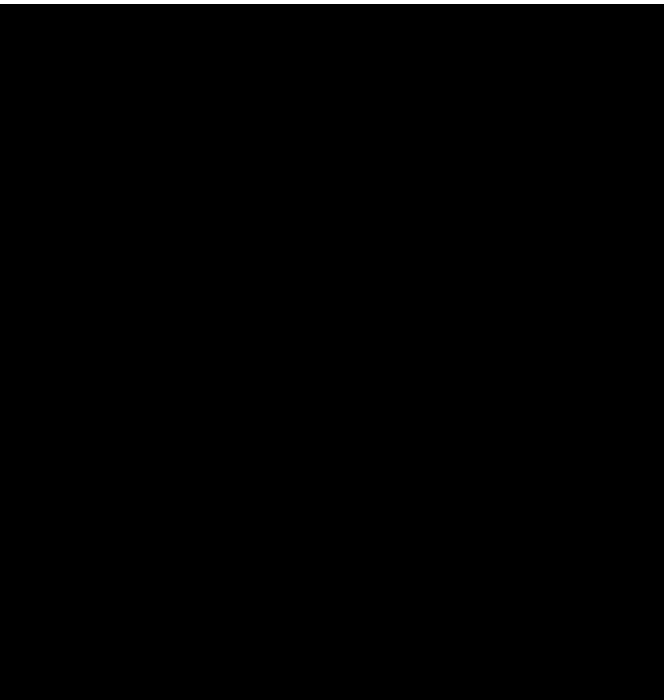


Order Details

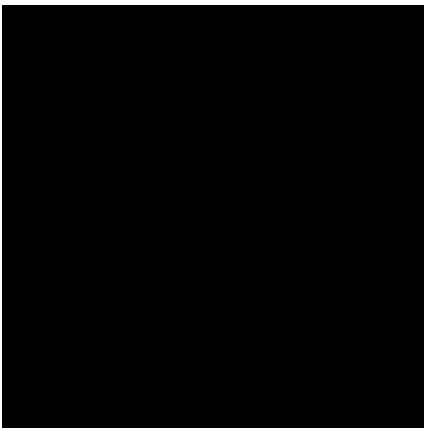
Order Number:	343803462_1_1
Customer Ref:	JT0584_RJ
National Grid Reference:	476640, 167070
Slice:	A
Site Area (Ha):	8.17
Search Buffer (m):	1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



OS Water Network Map - Slice A

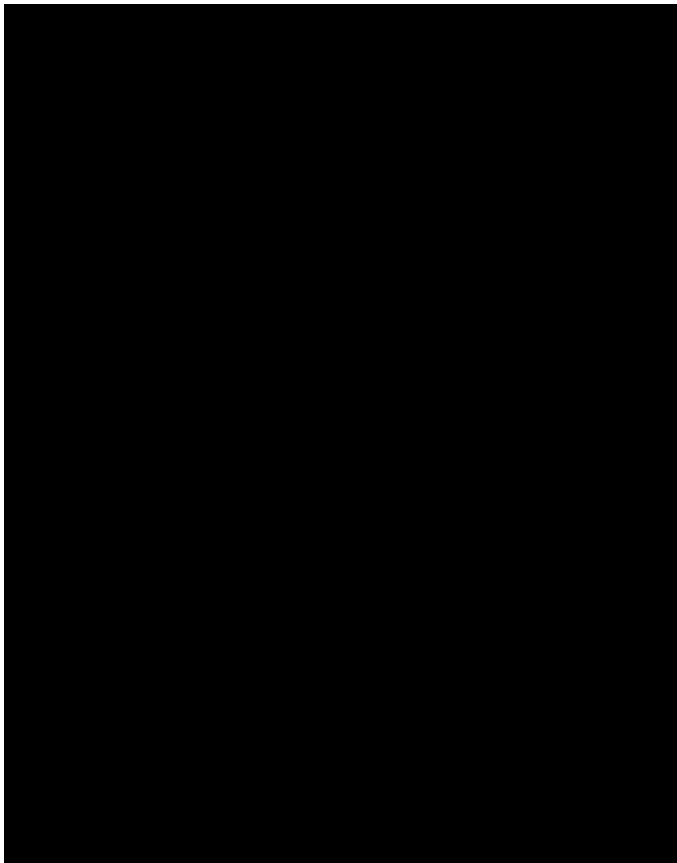


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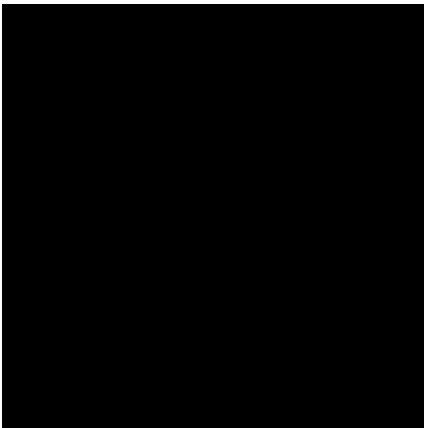
Order Number: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



EA/NRW Suitability Map - Slice A



Order Details

Order Number:

Customer Ref:

National Grid Reference:

Slice:

Site Area (Ha):

Search Buffer (m):

343803462_1_1

JT0584_RJ

476640, 167070

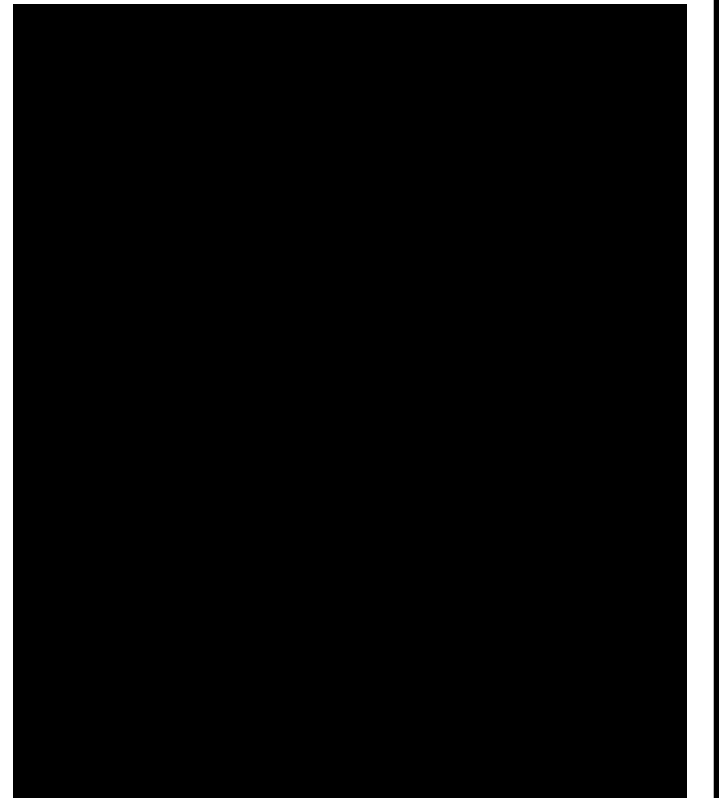
A

8.17

1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



Estimated Soil Chemistry Arsenic - Slice A

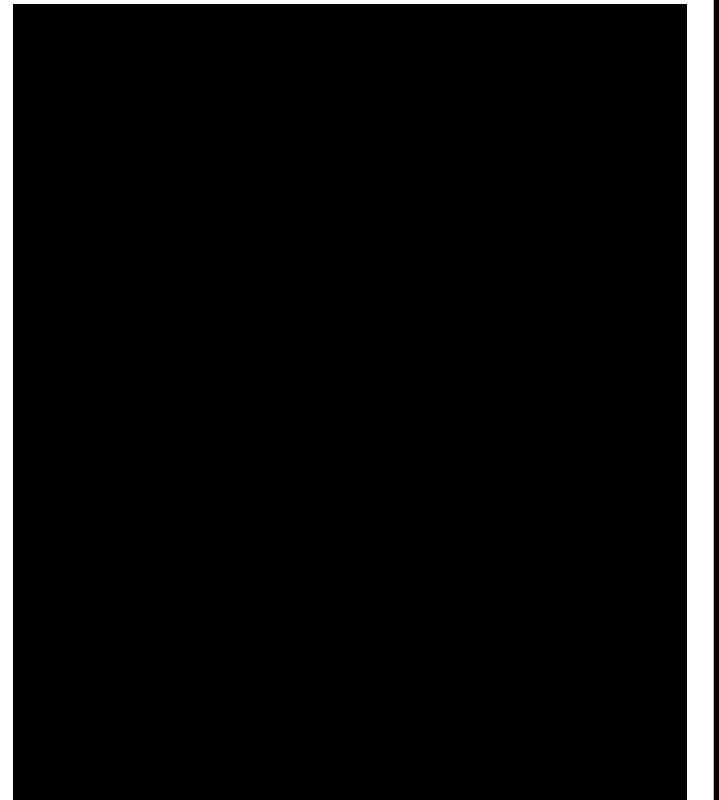


Order Details

Order Details:	343803462_1_1
Customer Ref:	JT0584_RJ
National Grid Reference:	476640, 167070
Slice:	A
Site Area (Ha):	8.17
Search Buffer (m):	1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



Estimated Soil Chemistry Cadmium - Slice A

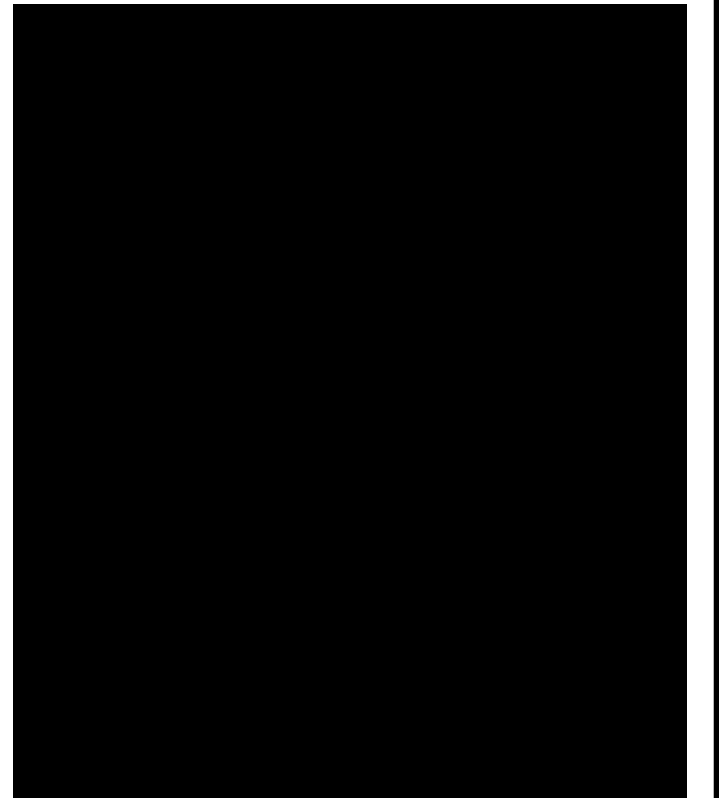


Order Details

Order Details: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



Estimated Soil Chemistry Chromium - Slice A

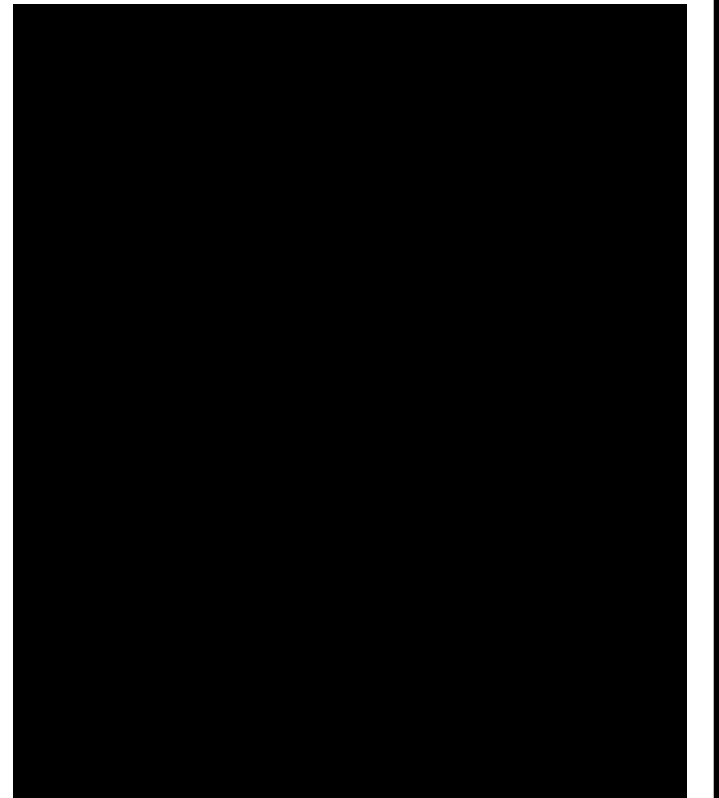


Order Details

Order Details: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



Estimated Soil Chemistry Lead - Slice A

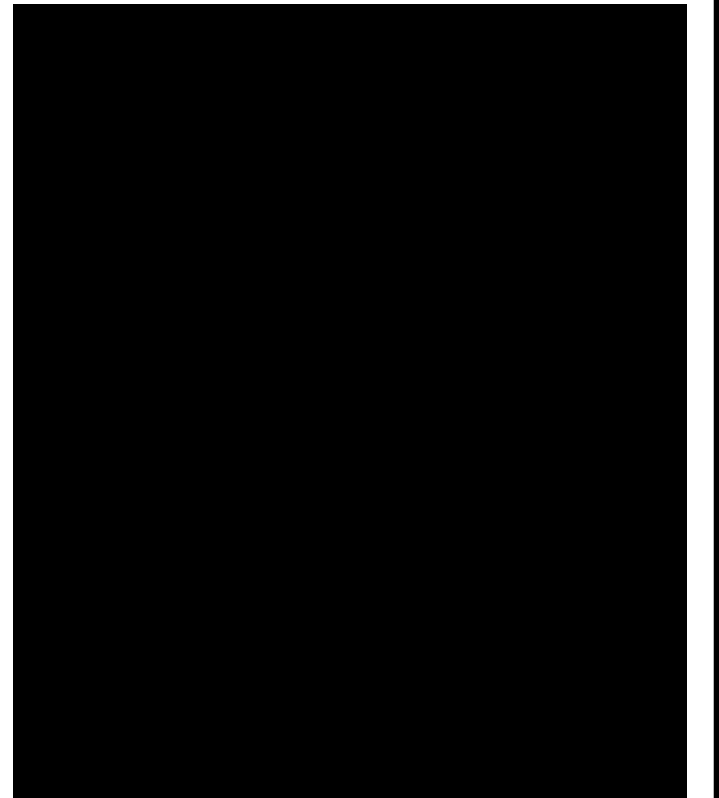


Order Details

Order Details: 343803462_1_1
Customer Ref: JT0584_RJ
National Grid Reference: 476640, 167070
Slice: A
Site Area (Ha): 8.17
Search Buffer (m): 1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



Estimated Soil Chemistry Nickel - Slice A

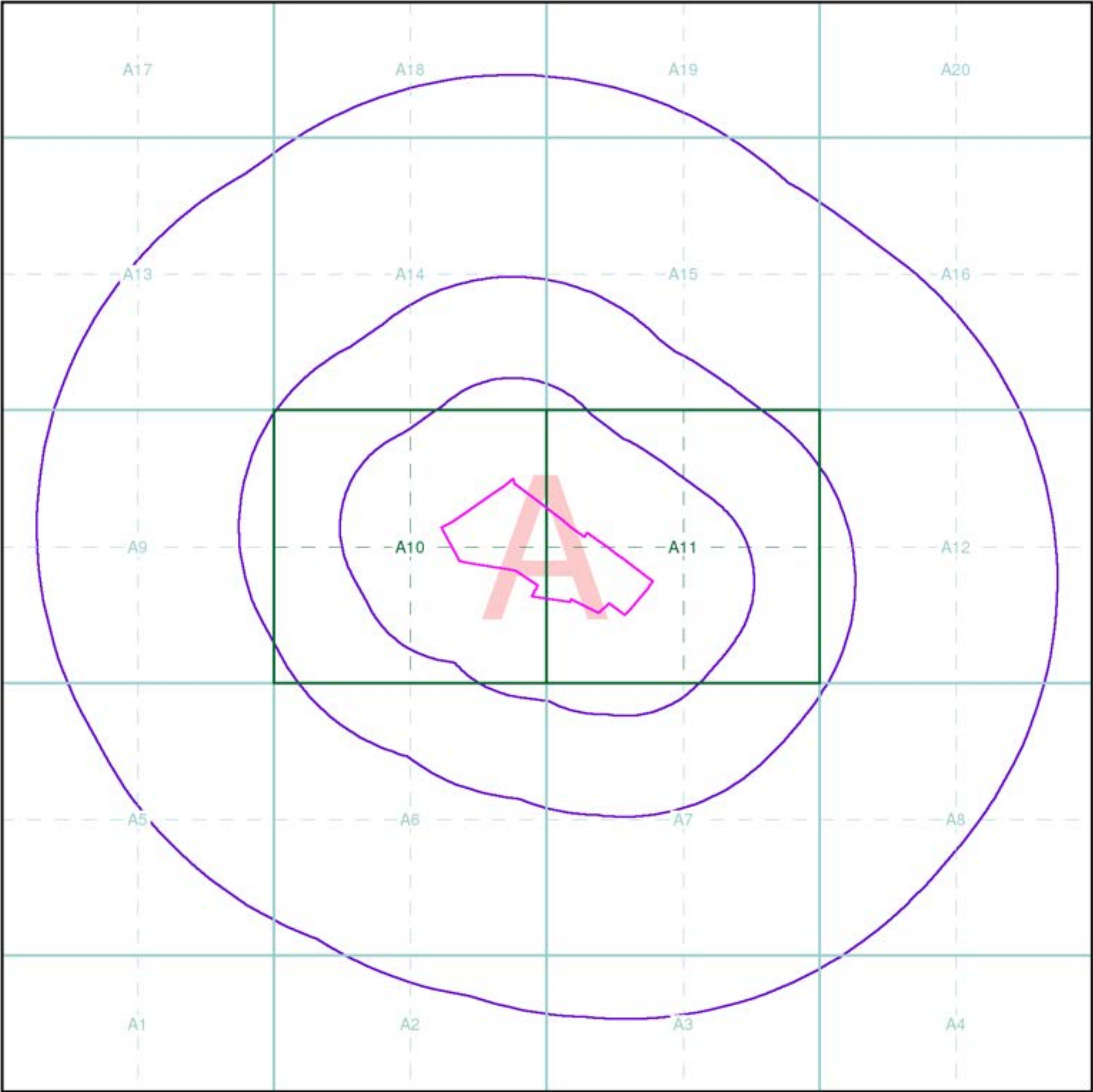


Order Details

Order Details:	343803462_1_1
Customer Ref:	JT0584_RJ
National Grid Reference:	476640, 167070
Slice:	A
Site Area (Ha):	8.17
Search Buffer (m):	1000

Site Details

Land North of, School Road, Arborfied Cross, Wokingham,
RG41 4TN



Index Map

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

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

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

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details
MR D Spearman, Southern Testing, Keeble House, Stuart Way, East Grinstead, West Sussex, RH19 4QA

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



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