

EnviroSmart



Phase 1 Contaminated Land Assessment

Site address

Land rear of Langley Common
and south of School Road
Barkham
RG41 4TN

Date issued

May 2025

Report status

Final

Grid Reference

476910, 166720

Site Area

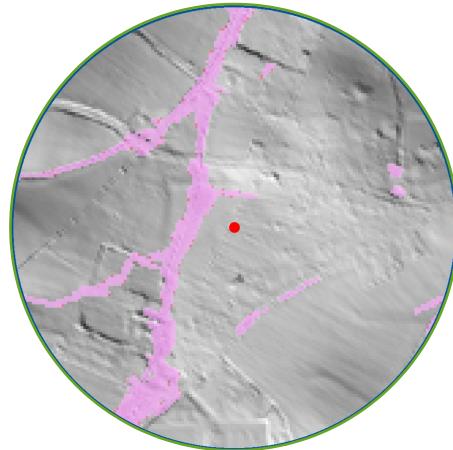
4.77 ha

Report prepared for

Mr Wenman
East Paddock
Drayton Mill
Milton Road
Abingdon
OX14 4EF

Report reference

84748R2



Risk – Low

No immediate action but observe a watching brief during all proposed redevelopment activities and associated ground works (which would include a thorough inspection of any exposed sub surface soils/Made Ground). A closer inspection of soils in and around the identified EA pollution incident location (in the southwest of the Site) is recommended as part of the watching brief.

Provide a copy of this report to ground workers.

Report author

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Report check & review

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Executive Summary



The purpose of this EnviroSmart report is to provide clear and pragmatic advice regarding the nature and potential significance of contaminated land hazards which may be present at the study site. GeoSmart are providing consultancy and professional opinion based upon our collation, interpretation and assessment of information contained within an Envirocheck report, and other sources where expressly stated (i.e. site visits, photographs, and anecdotal evidence). It is acknowledged that the risk assessment findings are based on documentary sources of information alone.

Site analysis

1. Probability/liability of a contaminant hazard at the Site	High likelihood	
	Likely	
	Low likelihood	
	Unlikely	
2. Potential severity/consequence of any impacts	Severe	
	Medium	
	Mild	
	Minor	
3. Overall land quality risks posed by the Site	Very high	
	High	
	Moderate	
	Moderate/low	
	Low	
	Very low	

Summary of existing and proposed development

The Site is currently occupied by a grassed field used for horse grazing; a small dilapidated brick building is positioned in the southeast of the Site. Development proposals comprise the development of 27 dwellings (including self build plots facing School Road), including new access onto School Road, landscaping, infrastructure and overflow parking for The Coombes C of E Primary School.

Environmental Setting

Superficial Alluvium (classified as a Secondary (A) Aquifer) is mapped locally in the north-west of the Site. The bedrock geology consists of the London Clay Formation which is classified as an Unproductive Strata.

The nearest water feature is a drainage channel located on-Site.

The nearest sensitive land use is Kidgem copse (Ancient Woodland) located c. 345 m southeast of the Site.

Site History

According to available historical mapping going back to the mid-late 1800s, the Site has remained largely undeveloped, and has been used as an agricultural field up until the present day. A small brick building was constructed in the southeast of the Site in the c. 1960s. Off-Site land uses include mostly agricultural land (including a mushroom farm c. 65 m southwest) as well as some commercial and residential land. A small oil depot was formerly mapped c. 170 m to the south of the Site.

Radon

The Site lies in an area where <1% of homes are at or above the UK radon action level (200 Bq/m³).

Coal Mining

The Site does not lie within an identified coal mining area and is therefore unlikely to be affected by related ground stability or mine gas issues.

Summary of Conceptual Site Model (CSM)

Source of Contamination

Limited potential for inorganic and low volatility organic contaminants to be present within the subsurface soils.
Limited potential for volatile organic contaminants to be present within the subsurface soils.
Limited potential for asbestos containing materials within the subsurface soils.
Limited potential for dissolved phase contaminants to be present within shallow groundwater.

Receptors

Human Health, Controlled Waters (groundwater within the underlying superficial Secondary (A) Aquifer; and the nearest surface water feature (on-Site drainage channel)).

Human Health (pathway)

Dermal contact, ingestion & inhalation of soils & soil dust. Consumption of home grown produce. Ingress into water supply pipework and subsequent water ingestion. Migration of vapours to surface; inhalation indoors. Liberation of sub surface ACMs and inhalation of asbestos fibres.

Controlled Waters (pathway)

Dissolution into pore water/shallow groundwater and subsequent migration. Dissolution into aqueous phase and preferential migration via drainage structures. Lateral and vertical groundwater movement via natural or artificial flow paths.

Preliminary Risk Assessment

Overall, the preliminary risk classification of the Site in relation to the proposed redevelopment is considered to be **Low**.

Recommendations / Next Steps

No immediate action but observe a watching brief

It is noted that whilst a limited intrusive site investigation (including appropriate laboratory testing of soil samples) could be adopted in order to validate the preliminary risk assessment conclusions, a watching brief during all proposed redevelopment activities and associated ground works (which would include a thorough inspection of any exposed sub surface soils/Made Ground) would likely be sufficient.

A closer inspection of soils in and around the identified EA pollution incident location (in the southwest of the Site) is recommended as part of the watching brief.

1. Introduction



1.1 Background

The study site (from herein known as 'the Site') is situated at land to the rear of Langley Common and south of School Road in Barkham. A location plan of the Site is shown in Section 1.5. A proposed development plan of the Site is shown in Section 1.6. It is noted that the Envirocheck data within this report relates to the wider land ownership area (blue line boundary), however development proposals are focused on areas within the red line boundary.

GeoSmart was commissioned by Mr Wenman in February 2025 to undertake a Phase 1 Land Quality Assessment for the Site. The report has been requested in order to support a proposed planning application for the Site.

The proposed development is for the development of 27 dwellings (including self build plots facing School Road), including new access onto School Road, landscaping, infrastructure and overflow parking for The Coombes C of E Primary School.

The EnviroSmart report has been undertaken by firstly compiling information concerning the Site and the surrounding area, including current and historical land uses, geological records and registered pollution incidents. The information which is gathered is then used to construct a 'conceptual site model', including an understanding of likely contaminant sources, pathways and receptors. Finally, a preliminary assessment of risks posed to identified receptors (i.e., people, buildings or the natural environment) from the anticipated land quality at the Site is performed. The risk assessment methodology is consistent with CIRIA C552 (2001); see Section 3.4 for details.

1.2 Purpose of this report

The purpose of this EnviroSmart report is to provide clear and pragmatic advice regarding the nature and potential significance of contamination hazards which may be present at the Site.

1.3 Report contents

This report is divided into two sections, as described below:

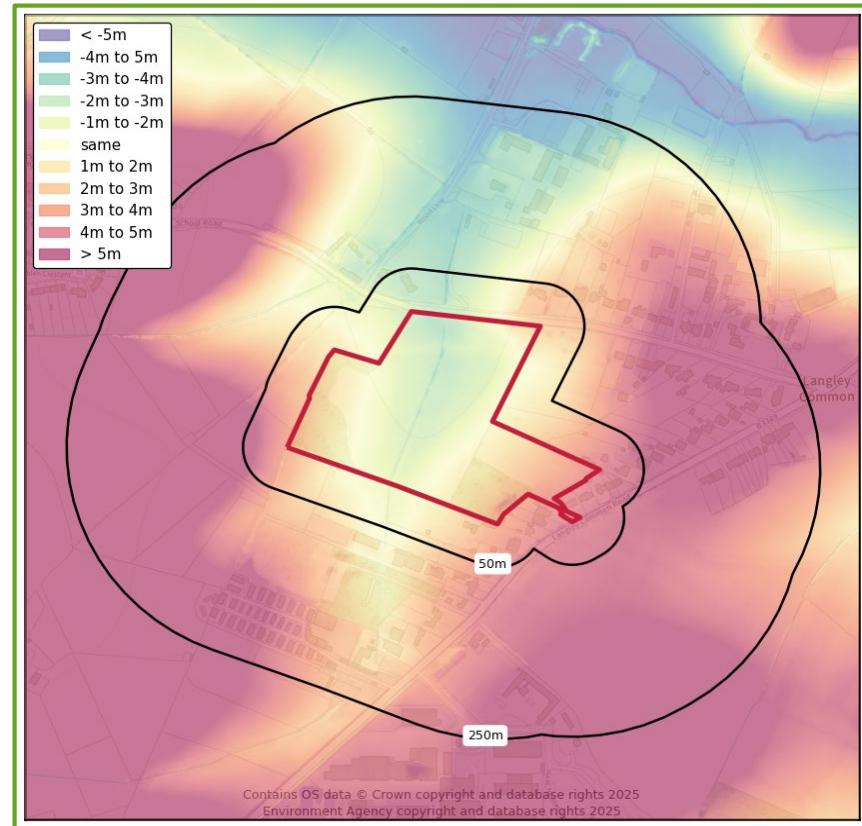
Section	Content	Purpose
Section 2: LAND QUALITY ASSESSMENT	A summary of the site history and environmental setting, the findings of the preliminary risk assessment and associated recommendations	To present a clear and concise overview of the land quality issues facing the Site, including recommendations of how to manage any land contamination which may be present
Section 3: SUPPORTING INFORMATION	A collection of site specific information on which the land quality assessment is based	To provide detailed information in support of the risk assessment; this section also represents a source of reference data for use in any subsequent site works/assessments

1.4 Report limitations

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

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

1.5 Site location plan



1.6 Proposed Site development plan



2. Land quality assessment



2.1 Site details

Site name:	Land to rear of Langley Common	Current land cover:	Grass field (100% softstanding)
Current use:	Grassed fields used for horse pasture		
Proposed use:	Residential with gardens	Site area:	4.77 ha

2.2 Conceptual understanding (potential sources of contamination)

Site history (historical land use taken within 250m radius of the Site boundary)	Date	Description of land use (note: the historical mapping within this report relates to the wider land ownership area (see section 1.6), however development proposals are focused on areas within the red line boundary)		Source description	LOW LIKELIHOOD	PROBABILITY OF CONTAMINATION					
		On-Site	Off-Site								
	1872	The Site is undeveloped (field). A drain is mapped down the centre of the Site. A field boundary is mapped in the east of the Site.	The land in the locality of the Site is largely undeveloped, comprising fields / agricultural land. Langleypond Farm is mapped c. 10 m north. A small pond is mapped c. 70 m north.	<p>The land use history suggests that there is the potential for contamination to have occurred <u>on and off-Site</u> relating to the following:</p> <p>Agricultural land:</p> <ul style="list-style-type: none"> - Miscellaneous small scale fuel and chemical spills / leaks (i.e., fuels used for agricultural machinery/other vehicles, oils and lubricants, herbicides/pesticides, fertilisers, etc.). - Potential for localised/historical deposition of agricultural waste materials. <p>(continued below)</p>							
	1876	No discernible changes.									
	1899	No discernible changes.									
	1900	No discernible changes.									
	1911	No discernible changes.									
	1912	No discernible changes.									
	1932	No discernible changes.									
	1933	No discernible changes.									

2.2 Conceptual understanding (potential sources of contamination)

Site history (historical land use taken within 250m radius of the Site boundary)	Date	Description of land use (note: the historical mapping within this report relates to the wider land ownership area (see section 1.6), however development proposals are focused on areas within the red line boundary)		Source description	LOW LIKELIHOOD	PROBABILITY OF CONTAMINATION			
		On-Site	Off-Site						
Site history (historical land use taken within 250m radius of the Site boundary)	1938	No discernible changes on-Site.	Several assumed residential buildings are mapped directly to the north-east, east and south-east of the Site.	POTENTIAL SOURCES OF CONTAMINATION	The land use history suggests that there is the potential for contamination to have occurred off-Site relating to the following:	LOW LIKELIHOOD			
	1948 (historical aerial image)	No discernible changes. Aerial imagery confirms the Site is comprised of fields.							
	1961	No discernible changes on-Site.	Additional assumed residential buildings are mapped to the south and north-east of the Site.						
	1968	A small undefined building / structure is mapped in the southeast of the Site. A short section of the drainage channel in the north of the Site is culverted.	A mushroom farm is mapped c. 65 m south. A pond is mapped c. 60 m northwest. The pond c. 70 m north appears to no longer be mapped.						
	1971	No discernible changes.							
	1972 (partial map)	No discernible changes on-Site. <i>Note: the easternmost section of the Site is not within the available mapping extent.</i>	No discernible changes off-Site.						
	1978 (partial map)	No discernible changes on-Site. <i>Note: the easternmost section of the Site is not within the available mapping extent.</i>	An oil depot is mapped c. 170 m south of the Site.						
	1979	No discernible changes.							
	1987	No discernible changes.							
	1990	No discernible changes.							

2.2 Conceptual understanding (potential sources of contamination)

Site history (historical land use taken within 250m radius of the Site boundary)	Date	Description of land use (note: the historical mapping within this report relates to the wider land ownership area (see section 1.6), however development proposals are focused on areas within the red line boundary)		POTENTIAL SOURCES OF CONTAMINATION	Source description	LOW LIKELIHOOD	PROBABILITY OF CONTAMINATION				
		On-Site	Off-Site								
	1993	No discernible changes.									
	1996 (partial map)	No discernible changes on-Site. Note: the easternmost section of the Site is not within the available mapping extent.	No discernible changes off-Site.								
	1999	No discernible changes.									
	1999 - 05 (aerial image)	No discernible changes.									
	2006	No discernible changes.									
	2010 - 22 (aerial image)	No discernible changes.									
	2024	No discernible changes on-Site.	The building footprint of the oil depot c. 170 m south is still present, however is no longer labelled as such (note: according to aerial imagery / Google Streetview this is currently in use as a car restoration service).								
	2025	No discernible changes.									
Additional information	<p>According to information provided by the Client, the Site is used for grazing horses and is split into enclosed paddocks. At present, there is a small dilapidated brick building in the southeast of the Site, surrounded by woodland / dense foliage.</p> <p>The following relevant Points of Interest are located within 100 m of the Site:</p> <p>Commercial Services:</p> <ul style="list-style-type: none"> - L P Recoveries (recycling services) c. 75 m south. 										

2.2 Conceptual understanding (potential sources of contamination)

 <p>Current land use</p>	<p>The Site is currently undeveloped and comprises an agricultural field used for horse grazing.</p> <p>There are no known buried storage tanks at the Site.</p> <p>There is no known bulk fuel or chemical storage on Site.</p>			<p>POTENTIAL SOURCES OF CONTAMINATION</p>	<p>The Site's current use is unlikely to have given rise to significant land contamination.</p>		<p>UNLIKELY</p>																																								
	<p>There are one or more potentially contaminative land uses are located within 250 m of the Site:</p> <table border="1"> <thead> <tr> <th>Distance from Site</th><th>Number of active industrial land uses</th><th>Number of inactive industrial land uses</th></tr> </thead> <tbody> <tr> <td>1 - 50 m</td><td>1</td><td>0</td></tr> <tr> <td>51 - 100m</td><td>0</td><td>2</td></tr> <tr> <td>101 - 250 m</td><td>4</td><td>10</td></tr> </tbody> </table>				Distance from Site	Number of active industrial land uses		Number of inactive industrial land uses	1 - 50 m	1	0	51 - 100m	0	2	101 - 250 m	4	10	<p>The potentially contaminative land uses/activities identified in close vicinity of the Site may pose a contamination hazard to the Site should relevant contaminant pathways exist.</p> <p>Contemporary trade directory entries within 100 m of the Site include:</p> <p>Iona Engineering (precision engineers) c. 35 m southeast. Status: active.</p> <p>Barkham Motors (salvage dealers) c. 65 m northeast. Status: inactive.</p> <p>L P Recoveries (scrap metal merchants) c. 75 m south. Status: inactive.</p>																													
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2.2 Conceptual understanding (potential sources of contamination)

 <p>EA recorded pollution incidents (see environmental data report in Section 3.3 for full listing)</p>	<p>One or more Environment Agency pollution incidents have been recorded within 250 m of the Site. These include:</p> <p>An incident occurred in 1996 in the southwest of the Site (it is noted that the positional accuracy of the incident is uncertain). The pollutant was unknown oils (cause not given) and the incident was categorised as significant. <i>Note: an information request was sent to the Environment Agency regarding this pollution incident and a response was received on the 29th April 2025 stating that no further information is held by the Environment Agency (see Section 3.7).</i></p> <p>An incident occurred in 1991 in the west of the land ownership area (to the west of the current application area). The pollutant was unknown sewage (cause not given) and the incident was categorised as minor.</p> <p>One or more substantiated pollution incidents have been recorded within 250 m of the Site. These include:</p> <p>An incident occurred in 2002 c. 175 m northeast of the Site. The pollutant was inert materials and wastes (soils and clays) (cause not given). The impact on land was categorised as significant, but no impact was categorised on water and air.</p>	<p>POTENTIAL SOURCES OF CONTAMINATION</p>	<p>A pollution incident has been recorded on-Site which could potentially be indicative of a wider contamination risk. However, the likelihood of any significant residual land contamination is reduced by the timing of the incident (c. 30 years ago) and the observation of pollution within the on-Site water course (opposed to within the surrounding soils) - it is feasible that the source of the observed water pollution may have occurred off-site.</p>	<p>LOW LIKELIHOOD</p>										
 <p>Landfills / waste sites (taken within 500m radius of the Site boundary, see environmental data report in Section 3.3 for full listing)</p>	<p>There are no BGS recorded landfills located within 500 m of the Site.</p> <p>There are no Environment Agency listed historical landfills located within 500 m of the Site.</p> <p>There are no registered landfills located within 500 m of the Site.</p> <p>There are no Local Authority listed historical landfills located within 500 m of the Site.</p> <p>The following other waste sites are registered within 250 m of the Site:</p> <table border="0" data-bbox="375 1122 1163 1418"> <tr> <td>0</td> <td>Records of registered waste transfer sites.</td> </tr> <tr> <td>1</td> <td>Records of registered waste treatment or disposal sites.</td> </tr> <tr> <td></td> <td>Lanstar Ltd c. 190 m southwest. Site category: storage. Authorised waste: hydrocarbon oils. Licence status: licence has completion certificate / surrendered.</td> </tr> <tr> <td>1</td> <td>Records of licenced waste management facilities.</td> </tr> <tr> <td></td> <td>Lanstar Limited c. 190 m southwest. Site category: special waste transfer stations. Licence status: surrendered.</td> </tr> </table>	0	Records of registered waste transfer sites.	1	Records of registered waste treatment or disposal sites.		Lanstar Ltd c. 190 m southwest. Site category: storage. Authorised waste: hydrocarbon oils. Licence status: licence has completion certificate / surrendered.	1	Records of licenced waste management facilities.		Lanstar Limited c. 190 m southwest. Site category: special waste transfer stations. Licence status: surrendered.	<p>POTENTIAL SOURCES OF CONTAMINATION</p>	<p>Given the absence of any historical or operational landfills within close proximity of the Site no associated contamination hazards have been identified.</p> <p>The identified waste management site is not thought to represent a significant source of contamination which may impact on the Site given the relative distance to the Site and the regulated nature of previous activities.</p>	<p>PROBABILITY OF CONTAMINATION</p> <p>UNLIKELY</p>
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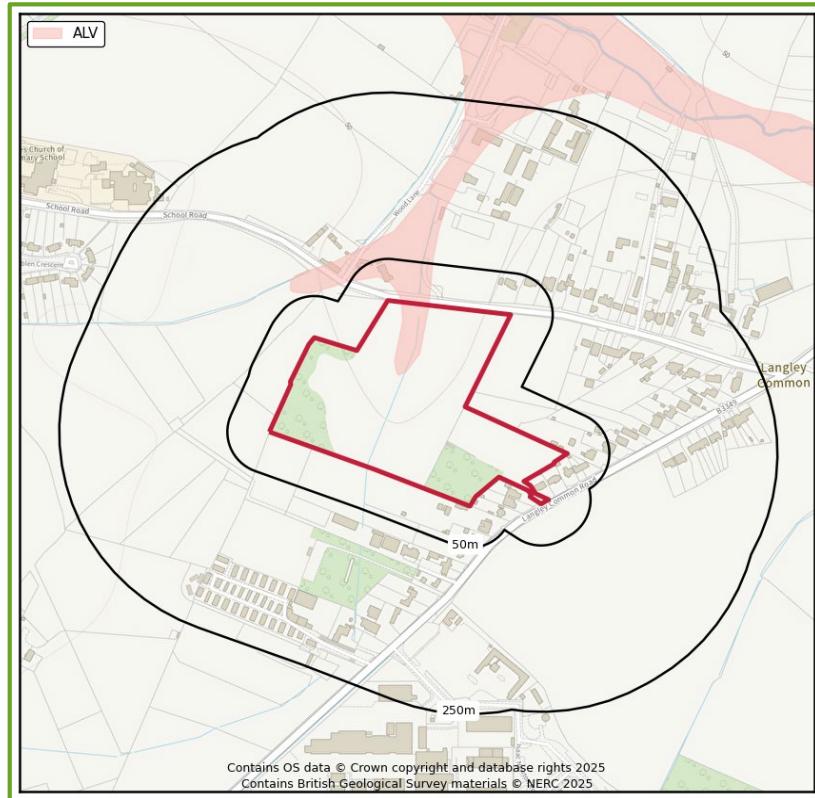
2.2 Conceptual understanding (potential sources of contamination)

 Rn Radon (see environmental data report in Section 3.3 for full listing)	According to current UK radon mapping the Site lies in an area where <1% of homes are at or above the UK radon action level (200 Bq/m ³).	POTENTIAL SOURCES OF CONTAMINATION	<1% of homes are at or above the UK radon action level (200 Bq/m ³).	UNLIKELY PROBABILITY OF CONTAMINATION
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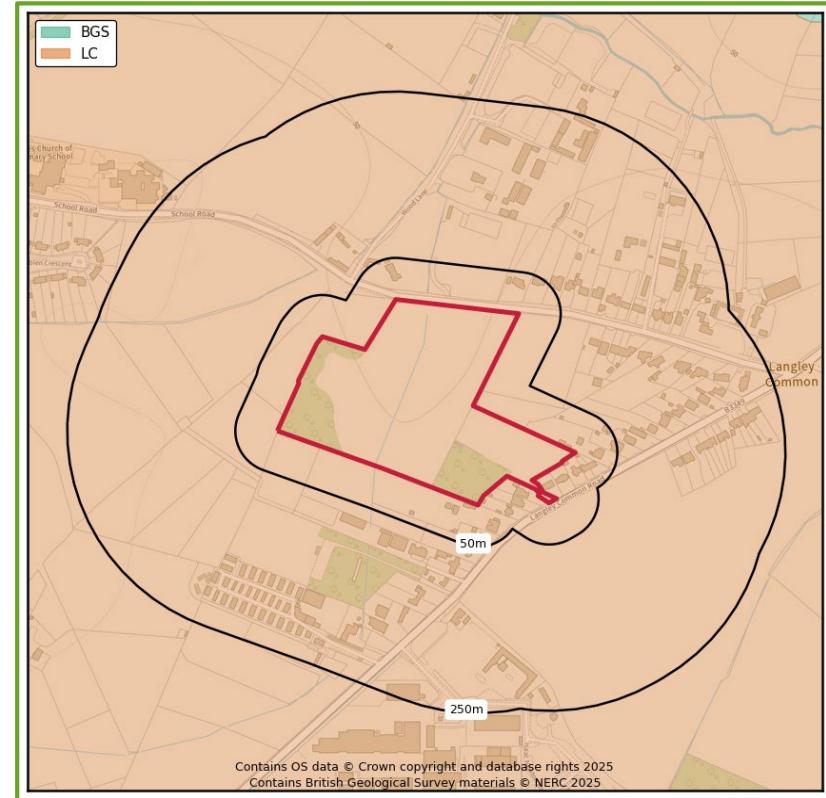
2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

 Geology and Groundwater <i>(see the environmental data report in Section 3.3 for full details)</i>	<p>British Geological Survey mapping indicates the absence of any superficial deposits beneath the majority of the Site. A small section in the northwest of the Site (<10%) is underlain by Alluvium (ALV) which comprises of clay, silt, sand and gravel and is classified as a Secondary (A) Aquifer.</p> <p>British Geological Survey mapping indicates that the bedrock geology consists of the London Clay Formation (LC) which comprises of clay, silt and sand and is classified as an Unproductive Strata.</p> <p>According to the GeoSmart Groundwater Flood Risk (GW5) Map (GeoSmart, 2024). The risk of groundwater flooding at the Site is 'negligible'.</p> <p>The Site does not lie within a groundwater Source Protection Zone (SPZ).</p> <p>There are no groundwater abstraction licences within 1 km of the Site.</p>	POTENTIAL RECEPTORS	<p>A Secondary (A) Aquifer comprises permeable layers capable of supporting water supply at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.</p> <p>Unproductive Strata typically have low permeability and offer negligible water supply or river base flow potential.</p> <p>Based on the susceptibility of the Site to groundwater flooding, a groundwater flood risk assessment is not considered necessary for the Site.</p> <p>The depth to groundwater beneath the Site is unknown.</p> <p>The absence of any groundwater abstractions does not necessarily indicate a low resource potential. Small scale abstractions, such as for private water supplies, may not be listed.</p>	MILD	POTENTIAL SEVERITY OF IMPACT

Superficial Geology (BGS, 2025)



Bedrock Geology (BGS, 2025)



2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

 Geohazards <i>(see the environmental data report in Section 3.3 for full details)</i>	<p>The Site does not lie within a 'Coal Mining Reporting Area'.</p> <p>There are no brine affected areas within 75 m of the Site.</p> <p>No or limited artificial ground / Made Ground is anticipated on Site.</p> <p>The following natural hazards are present at or within 50 m of the Site:</p> <ul style="list-style-type: none"> Compressible ground deposits 	POTENTIAL RECEPTORS	<p>The Site does not lie within an identified coal mining area and is therefore unlikely to be affected by related ground stability or mine gas issues.</p> <p>The Site does not lie within an area of former brine working and is therefore unlikely to be affected by related ground stability issues.</p> <p>BGS GeolIndex Onshore mapping does not have any artificial deposits recorded at the Site.</p> <p>The Site has ground stability hazards that should be considered further as part of the redevelopment plans.</p>	MILD	POTENTIAL SEVERITY OF IMPACT

2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

 Surface water <i>(see the environmental data report in Section 3.3 for full details)</i>	<p>The nearest water feature is a drainage channel, located on-Site.</p> <p>The Site lies within a Flood Zone 1 (low probability). A separate Flood Risk Assessment has been undertaken by GeoSmart (ref: 84748.01R1).</p> <p>There are no surface water abstraction licences within 1 km of the Site.</p>	POTENTIAL RECEPTORS	<p>The close proximity of the identified surface water feature(s) (on-Site) suggests that a potential linkage could occur if any contamination were present on Site. Mobile contamination may potentially enter water features via any shallow groundwater or possibly via preferential flow pathways such as buried services.</p>	MEDIUM	POTENTIAL SEVERITY OF IMPACT
 Environmental designations <i>(see the environmental data report in Section 3.3 for full details)</i>	<p>The following environmentally sensitive land uses are present within 500 m of the Site:</p> <p>Kidgem copse (Ancient Woodland) is located c. 345 m southeast of the Site.</p>		<p>Given the distance from the Site and the nature of the local geology, the sensitivity of local environmental designations is judged to be low.</p>	MINOR	
 Human receptors	<p>Proposed residents/users of the Site.</p>		<p>Human receptors are proposed to be present on Site.</p>	SEVERE	

2.4 Regulator perspective

Consultation date	24th February 2025	Wokingham Borough Council
GeoSmart consultant	Emilia Dončić	Chris Christofis
Consultation outcome	<p>The local authority replied to a consultation request by GeoSmart. The Council declined to carry out an Environmental Information request relating to the Site other than through formal chargeable consultation:</p> <p><i>"We can either do an Environmental Information request or not, all local authorities do charge a fee for officer time to do EIR requests, ours is set at £138.</i></p> <p><i>Of note, with a quick look, I can see that there was a historic application 172165 for the building of 70 dwellings on part of the site you are asking about that was refused.</i></p> <p><i>The green area on the attached map shows as a former mushroom farm, location Langley Common Road, Arborfield, present on historical map 1960 (note: see section 3.6 of this report for map).</i></p> <p><i>The site does not appear to have any other recorded historic land contamination so no need for further in depth analysis. However, as its former use is unknown a full site investigation would be recommended and this to include UXO due to the location and historic military uses of the Arborfield area."</i></p>	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
On-Site sources:								
- Agricultural land used for horse grazing								
1	Potential for inorganic and low volatility organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust	H	Future Site occupants	MEDIUM	UNLIKELY	LOW RISK	The risk classifications reflect the likely absence of any significant sources of inorganic and low volatility organic contamination based on the known land use history.
2		Consumption of home grown produce	H		MEDIUM	UNLIKELY	LOW RISK	
3		Ingress into water supply pipework and subsequent water ingestion	H		MEDIUM	UNLIKELY	LOW RISK	
4		Building materials in direct contact with aggressive ground	PROP	Future Site buildings	MILD	UNLIKELY	VERY LOW RISK	Aggressive ground conditions are not anticipated to be present.
5		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Alluvium (a Secondary (A) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	The risk classifications reflect the likely absence of any significant sources of inorganic and low volatility organic contamination based on the known land use history, the modest spatial extents of the alluvium and the anticipated low sensitivity of the underlying bedrock. It is noted that the Site does not reside within a mapped SPZ and there are no licensed water abstractions within 1 km.
6		Dissolution into pore water/shallow groundwater and subsequent migration	CW	London Clay Formation (Unproductive Strata)	MILD	UNLIKELY	VERY LOW RISK	
7		Dissolution into pore water/shallow groundwater and subsequent lateral migration	CW	Drainage channel (on-Site)	MEDIUM	UNLIKELY	LOW RISK	
8		Dissolution into aqueous phase and preferential migration via drainage structures	CW		MEDIUM	UNLIKELY	LOW RISK	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
9	Potential for volatile organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust	H	Future Site occupants	MEDIUM	UNLIKELY	LOW RISK	The risk classifications reflect the likely absence of any significant sources of volatile organic contamination based on the known land use history. It is noted that a pollution incident dating from 1996 was recorded in relation to the water course positioned in the southwest of the Site. The pollutant was unknown oils (cause not given) and the incident was categorised as significant. Whilst the cause of this incident is currently unclear it may have originated from pollution of the water course upstream of the Site (i.e., potentially associated with the former oil depot or scrap merchant sites to the south). It is noted that c. 30 years have passed since the incident was recorded.
10		Consumption of home grown produce	H		MEDIUM	UNLIKELY	LOW RISK	
11		Ingress into water supply pipework and subsequent water ingestion	H		MEDIUM	UNLIKELY	LOW RISK	
12		Migration of vapours to surface; inhalation indoors	H		MEDIUM	UNLIKELY	LOW RISK	
13		Migration of vapours to surface; inhalation outdoors	H		MEDIUM	UNLIKELY	LOW RISK	
14		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Alluvium (a Secondary (A) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	The risk classifications reflect the likely absence of any significant sources of volatile organic contamination based on the known land use history, the modest spatial extents of the alluvium and the anticipated low sensitivity of the underlying bedrock. It is noted that the Site does not reside within a mapped SPZ and there are no licensed water abstractions within 1 km.
15		Dissolution into pore water/shallow groundwater and subsequent migration	CW	London Clay Formation (Unproductive Strata)	MILD	UNLIKELY	VERY LOW RISK	
16		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Drainage channel (on-Site)	MEDIUM	UNLIKELY	LOW RISK	
17		Dissolution into aqueous phase and preferential migration via drainage structures	CW		MEDIUM	UNLIKELY	LOW RISK	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
18	Potential for asbestos containing materials within the subsurface soils	Liberation of sub surface ACMs and inhalation of asbestos fibres		Future Site occupants	MEDIUM	UNLIKELY	LOW RISK	Historical mapping and aerial imagery suggest that no permanent structures have been located across the vast majority of the Site (with the exception of a small brick building in the southeast), consequently the presence of ACMs within the subsurface soils is considered to be unlikely.
19	Potential for dissolved phase contaminants to be present within shallow groundwater	Lateral and vertical groundwater movement via natural or artificial flow paths		Alluvium (a Secondary (A) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	The risk classifications reflect the likely absence of any significant sources of contamination.
20		Lateral and vertical groundwater movement via natural or artificial flow paths		London Clay Formation (Unproductive Strata)	MEDIUM	UNLIKELY	LOW RISK	
21		Lateral and vertical groundwater movement via natural or artificial flow paths		Drainage channel (on-Site)	MEDIUM	UNLIKELY	LOW RISK	
22	Potential for elevated methane to be present within the sub-surface soils	Lateral and vertical migration into on-Site buildings; potential to cause an explosion		On-Site properties and their occupants	SEVERE	NEGLIGIBLE	NO DISCERNABLE RISK	Based on the prevailing conceptual understanding an appreciable gas source is considered very unlikely.
23		Lateral migration towards off-Site buildings; potential to cause an explosion		Off-Site properties and their occupants		NEGLIGIBLE	NO DISCERNABLE RISK	
24	Potential for elevated carbon dioxide to be present within the subsurface soils	Lateral and vertical migration into on-Site buildings; potential to cause asphyxiation		Occupants of on-Site buildings	SEVERE	NEGLIGIBLE	NO DISCERNABLE RISK	Based on the prevailing conceptual understanding an appreciable gas source is considered very unlikely.
25		Lateral migration towards off-Site buildings; potential to cause asphyxiation		Occupants of off-Site buildings		NEGLIGIBLE	NO DISCERNABLE RISK	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
26	Potential for radon within the subsurface	Lateral migration towards on-Site buildings; potential to cause long term health effects	II	Occupants of on-Site buildings	MEDIUM	UNLIKELY	LOW RISK	The Site lies in an area where <1% of homes are at or above the UK radon action level (200 Bq/m ³).
	OVERALL RISK RATING (on-Site)							LOW RISK

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
Off-Site sources:								
<ul style="list-style-type: none"> - agricultural / commercial land (including a mushroom farm c. 65 m south). - precision engineers (active) c. 35 m southeast. - scrap metal merchants (inactive) c. 75 m south. - Former oil depot c. 170 m south. 								
27	Potential for both inorganic and volatile organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Future Site occupants	MEDIUM	UNLIKELY	LOW RISK	Agricultural and commercial sites have been identified within the Site locality; these features may have given rise to some local ground contamination. However, is it recognised that the identified land uses are located > 30 m from the Site. The presence of London Clay in-between the Site and the identified land uses will also significantly constrain any contaminant migration onto the study Site,
28		Consumption of home grown produce	HH		MEDIUM	UNLIKELY	LOW RISK	
29		Ingress into water supply pipework and subsequent water ingestion	HH		MEDIUM	UNLIKELY	LOW RISK	
30		Migration of vapours to surface; inhalation indoors	HH		MEDIUM	UNLIKELY	LOW RISK	
31		Migration of vapours to surface; inhalation outdoors	HH		MEDIUM	UNLIKELY	LOW RISK	
	OVERALL RISK RATING (off-Site)						LOW RISK	

2.6 Next Steps

	No immediate action but observe a watching brief	<p>Given the known history of the Site it is considered unlikely that significant contamination is present within the sub-surface. The preliminary risk assessment suggests that the risks posed by in situ land quality are therefore likely to be low.</p> <p>It is noted that whilst a limited intrusive site investigation (including appropriate laboratory testing of soil samples) could be adopted in order to validate the preliminary risk assessment conclusions, a watching brief during all proposed redevelopment activities and associated ground works (which would include a thorough inspection of any exposed sub surface soils/Made Ground) will likely be sufficient.</p> <p>A closer inspection of soils in and around the identified EA pollution incident location (in the southwest of the Site) is recommended as part of the watching brief.</p> <p>The watching brief should be maintained throughout the entire development phase of works and any possible evidence of contamination encountered during the redevelopment works should be alerted to the Local Authority. Appropriate actions would then be required to further inspect, sample and analyse any suspect materials, and formulate an appropriate remediation plan, as necessary.</p>
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3. Supporting Information



The following supporting information is contained in this section:

Section	Content
3.1	Referenced materials used in the EnviroSmart reporting
3.2	Site photographs
3.3	<p>Published environmental data records (Landmark Envirocheck report Land Rear of Langley Common and South of School Road, Barkham, RG41 4TN. REF: 372973240_1_1) including:</p> <ul style="list-style-type: none"> • Aerial photographs and site map • Environmental permits, incidents and registers • Landfill and other waste sites • Current land use information • Geology • Hydrogeology and hydrology • Flooding • Designated environmentally sensitive sites • Other environmental factors
3.4	Risk assessment methodology
3.5	Historical land use maps
3.6	Council mapping

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Email: info@geosmartinfo.co.uk

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The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP
Tel: 01722 333306
Fax: 01722 332296
Email: admin@tpos.co.uk

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Please ask your search provider if you would like a copy of the search code

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- Provide a final response, in writing, at the latest within 40 working days of receipt.
- Liaise, at your request, with anyone acting formally on your behalf.

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs): Tel: 01722 333306, E-mail: admin@tpos.co.uk.

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision. Complaints should be sent to:

Jessica Bayliff
Operations Manager and Principal Consultant
GeoSmart Information Limited
Suite 9-11, 1st Floor
Old Bank Buildings, Bellstone
Shrewsbury
SY1 1HU

Tel: 01743 298100
jessicabayliff@geosmartinfo.co.uk

3.1 References

The following references were used to inform the conceptual site model and preliminary risk assessment:

British Geological Survey, 2025. GeoIndex Onshore (<http://mapapps2.bgs.ac.uk/geoindex/home.html>)

British Standards Institute, 2017. Investigation of potentially contaminated sites – code of practice. BS10175:2011+A2:2017.

CIRIA, 2001. Contaminated land risk assessment. A guide to good practice. Publication C552. CIRIA London. ISBN 0-86017-552 9

Environment Agency, 2023. Land Contamination Risk Management (LCRM)

GeoSmart Information Limited, 2025. National Groundwater Flood Risk Map (GW5)

Health Protection Agency, 2000. Spring 2000 Newsletter featuring: Radon: Guidance on Protective Measures for New Dwellings (BR 211).

Landmark, 2025. Landmark Envirocheck report Land Rear of Langley Common and South of School Road, Barkham, RG41 4TN.
REF: 372973240_1_1

3.2 Site photographs

Photograph 1: View of the drain which runs through the centre of the Site.



Photograph 2: Close up view of the drain which runs through the centre of the Site.



Photograph 3: Area along the northern boundary of the Site, adjacent to School Road.



Photograph 4: View looking across the Site. Dense foliage surrounding the drain can be observed.



Photograph 5: View across the southern part of the Site.



Photograph 6: View looking across the grazing field on the Site.



Photograph 7: South-eastern area of the Site and neighbouring residential dwellings along Langley Common Road.



Photograph 8: Close up of area of woodland / denser foliage on Site.



3.3 Environmental data report

Readily available environmental information relating to the Site and its surrounding area has been provided by Landmark.

Envirocheck® Report: Datasheet

Order Details:

Order Number:
372973240_1_1

Customer Reference:
84748

National Grid Reference:
476910, 166720

Slice:
A

Site Area (Ha):
4.77

Search Buffer (m):
1000

Site Details:

Land Rear of Langley Common
and South of School Road
Barkham
RG41 4TN

Client Details:

Ms Doncic
Geo Smart Information Limited
Suite 9-11, 1st Floor
Old Bank Buildings
Bellstone
Shrewsbury
Shropshire
SY1 1HU

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Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			1	23
Prosecutions	pg 7				1
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 7	Yes			
Pollution Incidents to Controlled Waters	pg 7	2		2	12
Historical Prosecutions					
Registered Radioactive Substances	pg 10			1	
Substantiated Pollution Incident Register	pg 10		1		3
Water Abstractions	pg 11				(*15)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 14	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 15	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 15	4	22	41	95
Water Framework Directive - Catchment	pg 33	Yes			Yes
Water Framework Directive - Groundwater	pg 34				Yes
Water Framework Directive - Surface Waters					

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 35		1		1
Local Authority Landfill Coverage	pg 35	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 35				1
Potentially Infilled Land (Water)	pg 35				1
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 35		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 36	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 36	Yes	Yes		Yes
BGS Recorded Mineral Sites	pg 36				1
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 36	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 36	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 37	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 37	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 37	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 38		17	2	17
Fuel Station Entries					
Points of Interest - Commercial Services	pg 41		7		8
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 42		2	1	3
Points of Interest - Public Infrastructure	pg 42		1		4
Points of Interest - Recreational and Environmental	pg 43			1	6
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 44			1	11
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 44	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	A13NW (N)	0	1	476900 166850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (N)	159	1	476950 167000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (NE)	286	1	477200 167050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	378	1	476350 166721
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	393	1	476350 166800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (NE)	404	1	477400 166950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (N)	475	1	477100 167300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SW (NE)	498	1	477350 167200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A19SW (NE)	500	1	477400 167150
1	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 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	A14NW (NE)	416	2	477390 167010
2	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 Freshwater Stream/River Environment: Receiving Water: Barkham Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18SW (N)	537	2	476780 167380

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	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	A18SW (N)	537	2	476780 167380
2	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	A18SW (N)	537	2	476780 167380
2	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	A18SW (N)	544	2	476800 167390
2	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	A18SW (N)	549	2	476770 167390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>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</p>	A18SW (N)	549	2	476770 167390
2	<p>Discharge Consents</p> <p>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</p>	A18SW (N)	549	2	476770 167390
2	<p>Discharge Consents</p> <p>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</p>	A18SW (N)	549	2	476770 167390
2	<p>Discharge Consents</p> <p>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</p>	A18SW (N)	549	2	476770 167390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>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 Environment: Freshwater Stream/River 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</p>	A18SW (N)	549	2	476770 167390
2	<p>Discharge Consents</p> <p>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 Environment: Freshwater Stream/River 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</p>	A18SW (N)	549	2	476770 167390
2	<p>Discharge Consents</p> <p>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 Environment: Freshwater Stream/River 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</p>	A18SW (N)	549	2	476770 167390
2	<p>Discharge Consents</p> <p>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 Environment: Freshwater Stream/River 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</p>	A18SW (N)	549	2	476770 167390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>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 Environment: Freshwater Stream/River 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</p>	A18SW (N)	549	2	476770 167390
2	<p>Discharge Consents</p> <p>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 Environment: Freshwater Stream/River 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</p>	A18SW (N)	549	2	476770 167390
3	<p>Discharge Consents</p> <p>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 Environment: Land/Soakaway Receiving Water: London Claystrata Status: Transferred from Water Resources Act 1963 Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	692	2	477600 167200
4	<p>Discharge Consents</p> <p>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 Environment: Freshwater Stream/River Receiving Water: Barkham Brook Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	757	2	476000 166900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>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 Environment: Freshwater Stream/River Receiving Water: Barkham Brook Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	757	2	476000 166900
5	<p>Discharge Consents</p> <p>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 Environment: Land/Soakaway Receiving Water: Land(Gravels Overlaying Clay) Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	801	2	476150 167300
5	<p>Discharge Consents</p> <p>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 Environment: Land/Soakaway 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</p>	A17SW (NW)	801	2	476150 167300
5	<p>Discharge Consents</p> <p>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 Environment: Land/Soakaway 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</p>	A17SW (NW)	801	2	476150 167300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	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	A12SW (W)	815	2	475950 166450
7	Discharge Consents Operator: Severn Trent Services Defence Limited Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Arborfield Garrisonarborfield Near Readingberkshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.2572 Permit Version: 1 Effective Date: 19th December 1996 Issued Date: 19th December 1996 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Ofthe Barkhambrook Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	968	2	477500 165750
8	Prosecutions Location: Sewage Treatment Works Wood Lane Arborfield Berkshire Rg41 4ts Prosecution Text: Not Supplied Prosecution Act: Environmental Permitting Regulations 2016 Regulation 38(1)(a) Hearing Date: 22nd March 2017 Verdict: Guilty Fine: 150000 Cost: Not Supplied Positional Accuracy: Manually positioned to the address or location	A18NW (N)	580	2	476846 167429
	Nearest Surface Water Feature	A13NW (W)	0	-	476877 166735
9	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	A13SW (SW)	0	2	476850 166660
10	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	A13SW (W)	0	2	476800 166700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
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: 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	A18SW (N)	455	2	476800 167300
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: 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	A18SW (N)	480	2	476700 167300
13	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	A9NW (SE)	535	2	477400 166200
14	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	A18SW (N)	549	2	476805 167395
14	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	A18SW (N)	549	2	476800 167395
14	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	A18SW (N)	554	2	476805 167400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	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	A18SW (N)	554	2	476800 167400
14	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	A18NW (N)	559	2	476805 167405
15	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	A18SW (N)	570	2	476700 167395
15	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	A18SW (N)	575	2	476700 167400
16	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	A7NE (SW)	581	2	476300 166300
17	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	A8SE (S)	605	2	477000 166000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ARBORFIELD GARRISON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 27th June 1991 Incident Reference: WE910358 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	A9SW (SE)	795	2	477500 165950
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: BARKHAM Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Natural Note: Confirmed As A Pollution Incident Incident Date: Not Supplied Incident Reference: WE910456 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	A4NW (SE)	972	2	477400 165700
20	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	A8NW (S)	470	2	476869 166144
21	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	A13NE (NE)	175	2	477099 166986
22	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	A23SW (N)	977	2	476582 167784
22	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	A23SW (N)	985	2	476594 167796
22	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	A23SW (N)	991	2	476596 167803

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A23NW (N)	1252	2	476800 168100
	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	A23NW (N)	1252	2	476800 168100
	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	A24NW (N)	1660	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	A24NW (N)	1660	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/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	A24NW (N)	1660	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	A24NW (N)	1660	2	477560 168400
	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	A24NW (N)	1660	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	A24NW (N)	1660	2	477560 168400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: D Seal Licence Number: 28/39/24/0065 Permit Version: Not Supplied Location: Model Farm, BARKHAM Authority: Environment Agency, Thames Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 3 Yearly Rate (m3): 100 Details: Bracklesham Beds; Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(SE)	1698	2	478600 165900
	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	(N)	1850	2	476900 168700
	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	(N)	1901	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	(N)	1901	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	(N)	1901	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)	1953	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)	1953	2	476980 168800
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NW (NW)	0	2	476889 166764

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Aquifer: Unproductive Aquifer (may have productive aquifer beneath) Classification: Unproductive 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: <90% Patchiness: Superficial Thickness: <3m Superficial: No Data Recharge:	A13SE (E)	0	2	477000 166721
	Groundwater Vulnerability Map Combined Aquifer: Unproductive Aquifer (may have productive aquifer beneath) Classification: Unproductive 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: <90% Patchiness: Superficial Thickness: <3m Superficial: No Data Recharge:	A13SE (E)	0	2	476913 166721
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SE (E)	0	3	476913 166721
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (NW)	0	3	476889 166764
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
23	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	A13SW (W)	0	4	476866 166708
24	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	A13NE (N)	0	4	476906 166831

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	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	A13NW (W)	0	4	476877 166735
26	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	A13SW (W)	0	4	476865 166705
27	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	A13NE (N)	11	4	476906 166856
28	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	A13SW (SW)	55	4	476839 166594
29	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	A13SW (SW)	57	4	476839 166592
30	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	A13NW (NW)	62	4	476801 166866
31	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	A13NW (NW)	64	4	476806 166872
32	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	A13NW (NW)	68	4	476827 166903
33	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	A13NW (NW)	71	4	476834 166912

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	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	A13SW (SW)	72	4	476838 166576
35	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	A13NW (NW)	73	4	476775 166885
36	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	A13NW (N)	73	4	476839 166917
37	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	A13SW (SW)	93	4	476836 166554
38	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	A13SW (SW)	103	4	476835 166544
39	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	A13SW (SW)	107	4	476835 166540
40	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	A13NE (N)	144	4	476921 166988
41	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	A13NE (N)	158	4	476911 167004
42	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	A13NE (N)	162	4	476913 167007

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	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	A13SW (S)	182	4	476830 166461
44	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	A13SW (S)	189	4	476829 166455
45	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	A13NE (N)	190	4	476949 167031
46	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	A13SW (S)	201	4	476828 166442
47	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	A13SW (S)	205	4	476869 166421
48	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	A13NE (N)	224	4	476968 167063
49	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	A13SW (S)	256	4	476789 166398
50	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	A14NW (E)	260	4	477272 166860
51	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	A14NW (E)	267	4	477279 166860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	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	A14SW (SE)	269	4	477310 166513
53	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	A14SW (SE)	270	4	477312 166518
54	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	A14SW (SE)	271	4	477315 166523
55	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	A14NW (E)	274	4	477286 166860
56	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	A14SW (SE)	294	4	477262 166399
57	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	A9NW (SE)	295	4	477253 166389
58	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	A14NW (E)	307	4	477319 166870
59	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	A18SE (NE)	313	4	477200 167084
60	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	A18SE (N)	324	4	477021 167158

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	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	A19SW (NE)	340	4	477258 167069
62	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	A19SW (NE)	340	4	477258 167069
63	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	A8NE (SE)	351	4	477126 166265
64	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	A8NW (SW)	355	4	476668 166337
65	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	A8NW (SW)	357	4	476665 166336
66	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	A18SE (N)	361	4	477042 167193
67	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	A18SE (N)	362	4	477041 167194
68	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	A18SE (N)	362	4	477004 167198
69	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	A18SE (N)	362	4	477041 167194

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	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	A18SE (N)	366	4	477005 167202
71	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	A18SE (N)	368	4	477018 167202
72	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	A18SE (N)	369	4	477007 167205
73	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	A18SE (N)	370	4	477024 167204
74	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	A14NW (E)	372	4	477386 16680
75	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	A14SW (E)	378	4	477458 166646
76	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	A14SW (E)	382	4	477462 166648
77	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	A8NE (SE)	382	4	477161 166242
78	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	A7NE (SW)	419	4	476567 166307

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	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	A7NE (SW)	421	4	476564 166306
80	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	A14NW (NE)	422	4	477397 167009
81	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	A7NE (SW)	429	4	476550 166303
82	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	A7NE (SW)	432	4	476546 166301
83	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	A18SE (N)	442	4	476909 167290
84	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	A18SE (N)	442	4	476909 167290
85	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	A18SE (N)	447	4	477089 167274
86	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	A18SE (N)	449	4	476914 167297
87	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	A18SE (N)	451	4	477087 167278

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	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	A18SE (N)	454	4	477085 167282
89	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	A18SE (N)	456	4	476919 167303
90	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	A17SE (NW)	502	4	476521 167237
91	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	A14SE (E)	504	4	477584 166659
92	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	A7NE (SW)	504	4	476394 166315
93	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	A17SE (NW)	504	4	476452 167189
94	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	A17SE (NW)	505	4	476448 167186
95	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	A14SE (E)	508	4	477589 166659
96	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	A7NE (SW)	517	4	476373 166317

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	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	A7NE (SW)	523	4	476367 166315
98	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	A7NE (SW)	523	4	476367 166315
99	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	A7NE (SW)	527	4	476359 166317
100	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	A18SW (N)	548	4	476775 167390
101	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	A18SW (N)	548	4	476775 167390
102	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	A18SW (N)	554	4	476689 167374
103	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	A18SW (N)	557	4	476694 167379
104	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	A14SE (E)	564	4	477644 166643
105	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	A14SE (E)	568	4	477648 166641

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	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	A14NE (E)	571	4	477630 166822
107	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	A12NW (W)	574	4	476181 166863
108	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	A18SE (NE)	584	4	477191 167389
109	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	A18NW (N)	586	4	476722 167417
110	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	A18SE (NE)	587	4	477192 167392
111	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	A17SE (NW)	597	4	476384 167253
112	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	A14NE (E)	598	4	477666 166790
113	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	A17SE (NW)	601	4	476382 167256
114	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	A7NE (SW)	604	4	476233 166348

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
115	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	A8NW (S)	604	4	476689 166064
116	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	A7NW (SW)	616	4	476205 166368
117	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	A7NW (SW)	618	4	476201 166370
118	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	A8SW (S)	622	4	476715 166034
119	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	A8SW (S)	624	4	476719 166031
120	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	A9NW (SE)	627	4	477530 166198
121	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	A14SE (E)	628	4	477707 166706
122	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	A14SE (E)	628	4	477707 166706
123	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	A14NE (E)	642	4	477661 166941

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
124	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	A8SW (S)	642	4	476764 165994
125	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	A14NE (E)	647	4	477658 166958
126	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	A8SW (S)	658	4	476807 165965
127	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	A14SE (E)	663	4	477741 166601
128	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	A9NE (SE)	667	4	477620 166251
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NE (SE)	669	4	477618 166244
130	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	A14SE (E)	669	4	477746 166599
131	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	A14SE (E)	677	4	477756 166616
132	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	A14SE (E)	677	4	477756 166616

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NE (SE)	683	4	477634 166244
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NE (SE)	686	4	477639 166247
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NE (SE)	692	4	477645 166246
136	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	A14NE (E)	698	4	477705 166980
137	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	A14NE (E)	705	4	477710 166984
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NE (SE)	706	4	477656 166236
139	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	A18NE (N)	715	4	477135 167537
140	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	A12NW (W)	717	4	476066 166968
141	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	A8SE (S)	735	4	476932 165870

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	736	4	476935 165868
143	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	A17SW (NW)	745	4	476171 167234
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SW (S)	746	4	477255 165890
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	746	4	476955 165858
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SW (SE)	747	4	477260 165891
147	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	A17SW (NW)	750	4	476175 167250
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	754	4	477116 165856
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	754	4	477169 165863
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SW (SE)	758	4	477505 165999

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SW (SE)	758	4	477502 165998
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	758	4	476965 165846
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 336.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	758	4	476965 165846
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	762	4	476978 165842
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SW (SE)	775	4	477500 165974
156	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	A12NW (W)	781	4	475985 166932
157	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	A9SW (SE)	782	4	477308 165870
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SW (SE)	785	4	477312 165868
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	785	4	477024 165821

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	788	4	477033 165819
161	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 160.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SW (SE)	790	4	477490 165950
162	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 72.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SW (SE)	797	4	477327 165860
163	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	A8SE (S)	815	4	477090 165793
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	818	4	477093 165790
165	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 74.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SW (SE)	853	4	477390 165825
166	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	A19NW (NE)	863	4	477386 167612
167	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	A19NW (NE)	866	4	477389 167613
168	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	A14NE (E)	884	4	477891 167020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SW (SE)	904	4	477364 165760
170	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	A11NE (W)	906	4	475837 166852
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 171.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A4NW (S)	949	4	477320 165698
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 151.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7SW (SW)	954	4	476217 165887
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A4NW (SE)	956	4	477390 165714
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A4NW (SE)	956	4	477390 165714
175	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A15NW (E)	962	4	477958 167061
176	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A4NW (SE)	964	4	477344 165690
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A4NW (SE)	966	4	477350 165689

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
178	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 72.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A15NW (E)	967	4	477963 167063
179	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A4NW (SE)	973	4	477385 165694
180	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A4NW (SE)	973	4	477385 165694
181	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 142.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A3NW (S)	976	4	476677 165672
182	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 269.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A4NW (SE)	980	4	477389 165688
183	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	A19NW (NE)	984	4	477571 167645
184	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	A19NW (NE)	988	4	477575 167646
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Barkham Brook WaterBody ID: GB106039017400 Operational Catchment: Loddon Management Catchment: Loddon and Trib Catchment Name: Loddon	A13SE (E)	0	2	476913 166721
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Loddon (Swallowfield to River Thames confluence) WaterBody ID: GB106039023160 Operational Catchment: Loddon Management Catchment: Loddon and Trib Catchment Name: Loddon	A12NE (W)	513	2	476260 166920

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Framework Directive - Groundwater Waterbody Name: Farnborough Bagshot Beds Waterbody ID: GB40602G601300 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40602G601300 Overall Rating: Good Chemical Rating: Good Quantitative Measure: Good Year: 2019	A19SW (NE)	667	2	477461 167327

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
185	Licensed Waste Management Facilities (Locations) Licence Number: 83151 Location: 64 Langley Common Rd, Barkham, Wokingham, Berkshire, RG40 4TS Operator Name: LANSTAR LIMITED 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: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	192	2	476780 166470
186	Licensed Waste Management Facilities (Locations) Licence Number: 120875 Location: Unit 4 Ducks Nest Farm, Eversley Road, Reading, RG2 9PJ Operator Name: INTELLIGENT WASTE MANAGEMENT LIMITED Operator Location: Not Supplied Authority: Environment Agency - South East Region, West Thames Area Site Category: WEEE treatment facility Licence Status: Issued Issued: 12th June 2024 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	595	2	476285 166296
	Local Authority Landfill Coverage Name: Wokingham District Council - Has supplied landfill data		0	5	476913 166721
187	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A7NE (SW)	540	-	476453 166228
188	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A8SW (S)	756	-	476893 165851
189	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.	A13SW (SW)	192	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	A13SE (E)	0	1	476913 166721
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SE (E)	0	1	476913 166721
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NE (N)	150	1	476913 167000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (SE)	700	1	477372 165983
190	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	A7NE (SW)	541	1	476486 166210
	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				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	476913 166721
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	476889 166764
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	476889 166764

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	476913 166721
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	476913 166721
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	476913 166721
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	476913 166721
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	476889 166764
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	476913 166721
	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	A13SE (E)	0	1	476913 166721
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	476913 166721

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
191	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	A13SE (SE)	34	-	476982 166575
192	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	A13NE (NE)	64	-	477078 166830
193	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	A13SE (S)	77	-	476939 166532
194	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	A13NE (NE)	114	-	477127 166847
195	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	A13NE (N)	154	-	476965 166993
195	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	A13NE (N)	154	-	476965 166993
196	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	A13SW (S)	160	-	476865 166472
196	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	A13SW (S)	160	-	476865 166472
196	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	A13SW (S)	160	-	476865 166472
196	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	A13SW (S)	176	-	476843 166463
196	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	A13SW (S)	176	-	476843 166463
196	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	A13SW (S)	176	-	476843 166463

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
196	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	A13SW (S)	176	-	476843 166463
196	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	A13SW (S)	183	-	476882 166440
196	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	A13SW (S)	202	-	476866 166426
197	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	A13SW (SW)	182	-	476774 166483
198	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	A13NE (NE)	232	-	477203 166967
199	Contemporary Trade Directory Entries Name: Portal Spray Painting Location: 15, ANDERSON CRESCENT, ARBORFIELD CROSS, READING, RG2 9PB Classification: Spraying - Paint & Coatings Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	451	-	476320 166884
200	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	A12SE (W)	489	-	476240 166709
201	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	A12NE (W)	517	-	476248 166884
201	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	A12NE (W)	517	-	476248 166884
202	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	A12NW (W)	544	-	476209 166852
203	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	A12NW (W)	569	-	476222 166961
203	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	A12NW (W)	569	-	476222 166961

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
203	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	A12NW (W)	573	-	476212 166943
203	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	A12NW (W)	598	-	476211 167009
204	Contemporary Trade Directory Entries Name: Downton Motor Engineering Location: UNIT 3, DUCKS NEST FARM, EVERSLY ROAD, ARBORFIELD, RG2 9PJ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	598	-	476302 166273
205	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	A12NW (NW)	613	-	476218 167057
206	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	A12NW (W)	652	-	476156 167016
207	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	A12NW (W)	734	-	476034 166931
208	Contemporary Trade Directory Entries Name: A Cleaner Carpet Location: 9, Bramshill Close, Arborfield, Reading, RG2 9PT Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	780	-	476442 165968
209	Contemporary Trade Directory Entries Name: Jack French Contracting Ltd Location: ELLIS HILL FARM, ELLISS HILL, SINDLESHAM, RG2 9JG Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	857	-	476956 167702
210	Contemporary Trade Directory Entries Name: Berkshire Cleaning Services Ltd Location: 62, Valon Road, Arborfield, Reading, RG2 9QQ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (S)	924	-	476526 165784
211	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	A23SE (N)	954	-	477047 167789
211	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	A23SE (N)	954	-	477047 167789

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
212	Contemporary Trade Directory Entries Name: Axis Tooling Solutions Ltd Location: Barkham Grange, Barkham Street, Barkham, WOKINGHAM, Berkshire, RG40 4PJ Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (E)	992	-	478071 166620
213	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	A13SE (S)	77	6	476938 166532
214	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	A13NE (NE)	114	6	477127 166847
215	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	A13NE (N)	154	6	476965 166993
215	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	A13NE (N)	154	6	476965 166993
216	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	A13SW (S)	176	6	476843 166463
216	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	A13SW (S)	177	6	476843 166462
216	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	A13SW (SW)	182	6	476773 166483
217	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	A12NE (W)	532	6	476238 166899
217	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	A12NW (W)	569	6	476222 166961
218	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	A7NE (SW)	580	6	476329 166272
218	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	A7NE (SW)	599	6	476302 166272

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
219	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	A12NW (W)	742	6	476025 166930
220	Points of Interest - Commercial Services Name: A French Location: Ellis Hill Farm, Elliss Hill, Sindlesham, RG2 9JG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	857	6	476956 167702
220	Points of Interest - Commercial Services Name: Jack French Contracting Ltd Location: Ellis Hill Farm, Elliss Hill, Sindlesham, RG2 9JG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	857	6	476956 167702
221	Points of Interest - Commercial Services Name: Jomar Engineering Location: Unit 5 Barkham Grange, Barkham Street, Barkham, RG40 4PJ Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A15SW (E)	995	6	478071 166574
222	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	A13SE (S)	160	6	476981 166445
222	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	A13SE (S)	187	6	476958 166417
223	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	A12NE (NW)	352	6	476480 166992
224	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	A17SW (NW)	711	6	476170 167173
224	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	A17SW (NW)	713	6	476168 167173
225	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	A8SE (S)	785	6	477180 165833
226	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	A13SW (S)	139	6	476887 166486
227	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	A18SW (N)	510	6	476838 167359

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
227	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	A18SW (N)	554	6	476746 167390
228	Points of Interest - Public Infrastructure Name: Sluices Location: RG2 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A4NW (SE)	986	6	477402 165686
228	Points of Interest - Public Infrastructure Name: Sluices Location: RG2 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A4NW (SE)	987	6	477405 165686
229	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	A12NE (W)	434	6	476354 166926
230	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	A7SE (SW)	743	6	476565 165962
230	Points of Interest - Recreational and Environmental Name: Playground Location: Valon Road, RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A7SE (SW)	745	6	476561 165962
231	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	A9SW (SE)	766	6	477338 165898
232	Points of Interest - Recreational and Environmental Name: Playground Location: Swallowfield Road, RG2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A12NW (W)	796	6	475974 166946
232	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	A12NW (W)	822	6	475947 166949
233	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	A17SW (NW)	860	6	476038 167243

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
234	Ancient Woodland Name: Kidgem Copse Reference: 1505114 Area(m ²): 14695.82 Type: Ancient and Semi-Natural Woodland	A8NE (SE)	344	7	477213 166304
235	Ancient Woodland Name: Not Supplied Reference: 1505207 Area(m ²): 25644.87 Type: Ancient and Semi-Natural Woodland	A18SW (NW)	528	7	476634 167323
236	Ancient Woodland Name: The Coombes Reference: 1505465 Area(m ²): 280018.02 Type: Ancient and Semi-Natural Woodland	A19SW (NE)	586	7	477351 167313
237	Ancient Woodland Name: Kidgem Copse Reference: 1505120 Area(m ²): 5275.37 Type: Ancient and Semi-Natural Woodland	A9NW (SE)	626	7	477526 166194
238	Ancient Woodland Name: Kidgem Copse Reference: 1505115 Area(m ²): 1705.85 Type: Ancient and Semi-Natural Woodland	A9NE (SE)	668	7	477623 166254
239	Ancient Woodland Name: Kidgem Copse Reference: 1505122 Area(m ²): 2308.37 Type: Ancient and Semi-Natural Woodland	A14SE (E)	686	7	477754 166536
240	Ancient Woodland Name: Kidgem Copse Reference: 1505117 Area(m ²): 1402.04 Type: Ancient and Semi-Natural Woodland	A9NE (SE)	699	7	477715 166373
241	Ancient Woodland Name: Kidgem Copse Reference: 1505116 Area(m ²): 2816.42 Type: Ancient and Semi-Natural Woodland	A9NE (SE)	704	7	477652 166232
242	Ancient Woodland Name: Kidgem Copse Reference: 1505121 Area(m ²): 2470.03 Type: Ancient and Semi-Natural Woodland	A14SE (E)	737	7	477796 166491
243	Ancient Woodland Name: Bignells Copse Reference: 1505118 Area(m ²): 13793.34 Type: Ancient and Semi-Natural Woodland	A19SE (NE)	768	7	477679 167216
244	Ancient Woodland Name: Not Supplied Reference: 1505119 Area(m ²): 2025.95 Type: Ancient and Semi-Natural Woodland	A14NE (E)	842	7	477845 167020
245	Ancient Woodland Name: Not Supplied Reference: 1505097 Area(m ²): 3450.53 Type: Ancient and Semi-Natural Woodland	A11SE (W)	872	7	475859 166630
246	Nitrate Vulnerable Zones Name: Barkham Brook Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (E)	0	2	476913 166721

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Wokingham District Council - Environmental Health Department Bracknell Forest Borough Council - Environmental Health Department West Berkshire Council - Environmental Health Department Environment Agency - Head Office Reading Borough Council - Environmental Health Department Hart District Council - Environmental Health Department	February 2013 January 2020 November 2014 November 2023 October 2017 September 2017	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Thames Region	October 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 2024 October 2024 October 2024	Quarterly Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Hart District Council - Environmental Health Department Wokingham District Council - Environmental Health Department West Berkshire Council - Environmental Health Department Bracknell Forest Borough Council - Environmental Health Department Reading Borough Council - Environmental Health Department	June 2014 June 2014 June 2015 May 2014 October 2014	Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Hart District Council - Environmental Health Department Wokingham District Council - Environmental Health Department West Berkshire Council - Environmental Health Department Bracknell Forest Borough Council - Environmental Health Department Reading Borough Council - Environmental Health Department	June 2014 June 2014 June 2015 May 2014 October 2014	Annual Rolling Update Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Pollution Prevention and Control Enforcements Hart District Council - Environmental Health Department Wokingham District Council - Environmental Health Department West Berkshire Council - Environmental Health Department Bracknell Forest Borough Council - Environmental Health Department Reading Borough Council - Environmental Health Department	June 2014 June 2014 June 2015 May 2014 October 2014	Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	January 2025	
Pollution Incidents to Controlled Waters Environment Agency - Thames Region	September 1999	
Historical Prosecutions Environment Agency, Thames Region	March 2013	Not Applicable
Prosecutions Environment Agency - Head Office	February 2024	Annually
Registered Radioactive Substances Environment Agency - Head Office Environment Agency - Thames Region	May 2023 May 2023	
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	October 2024 October 2024 October 2024 October 2024	Quarterly Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Thames Region	October 2024	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	As notified
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS Water Network Lines Ordnance Survey	January 2025	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
Water Framework Directive - Catchment Environment Agency - Head Office	July 2024	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2024	Annually

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	October 2024	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	November 2024 November 2024 November 2024 November 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	October 2024 October 2024 October 2024 October 2024	Quarterly Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Bracknell Forest Borough Council - Environmental Health Department Hampshire County Council - Minerals and Waste Planning Hart District Council - Environmental Services Reading Borough Council - Planning West Berkshire Council - Environmental Health Department Wokingham District Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bracknell Forest Borough Council - Environmental Health Department Hampshire County Council - Minerals and Waste Planning Hart District Council - Environmental Services Reading Borough Council - Planning West Berkshire Council - Environmental Health Department Wokingham District Council - Environmental Health Department	October 2018 October 2018 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	September 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 Bracknell Forest Borough Council Hart District Council - Environmental Services Hampshire County Council - Minerals and Waste Planning Wokingham District Council West Berkshire Council Reading Borough Council - Planning	April 2023 January 2023 July 2023 July 2023 June 2023 May 2023	Variable Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Bracknell Forest Borough Council Hampshire County Council - Minerals and Waste Planning Hart District Council - Environmental Services West Berkshire Council Wokingham District Council Reading Borough Council - Planning	February 2016 February 2016 February 2016 February 2016 February 2016 May 2016	Variable Variable 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	March 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	November 2024	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2024	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	December 2024	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	December 2024	Quarterly
Points of Interest - Commercial Services PointX	March 2025	Quarterly
Points of Interest - Education and Health PointX	March 2025	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2025	Quarterly
Points of Interest - Public Infrastructure PointX	March 2025	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2025	Quarterly
Underground Electrical Cables National Grid	January 2024	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	November 2024	Bi-Annually
Areas of Adopted Green Belt Bracknell Forest Borough Council Hart District Council - Environmental Services Reading Borough Council West Berkshire Council Wokingham District Council	July 2024 July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Bracknell Forest Borough Council Hart District Council - Environmental Services Reading Borough Council West Berkshire Council Wokingham District Council	July 2024 July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	November 2024	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	February 2025	Bi-Annually
Marine Nature Reserves Natural England	February 2025	Bi-Annually
National Nature Reserves Natural England	January 2025	Bi-Annually
National Parks Natural England	September 2024	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 November 2024	Annually
Ramsar Sites Natural England	February 2025	Bi-Annually
Sites of Special Scientific Interest Natural England	November 2024	Bi-Annually
Special Areas of Conservation Natural England	January 2025	Bi-Annually
Special Protection Areas Natural England	November 2024	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	
Centre for Ecology and Hydrology	
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.co.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 5-6 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 Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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

3.4 Risk assessment methodology

The method of risk evaluation adopted in this document is consistent with CIRIA C552 (2001). Hence, risk is considered to be a function of both the probability (likelihood) of contamination occurring at the study site and also the potential severity (consequence) of the environmental impacts associated with this contamination.

The classification system used to define contaminant probability, consequence and risk is described in the following tables.

Table A: Classification of probability

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

Table B: Classification of consequence

Classification	Receptor	Definition	Examples
Severe	Humans	Short-term (acute) risk to human health likely to result in "significant harm" as defined in the CTL Statutory Guidance	High concentrations of cyanide on the surface of an informal recreation area
	Controlled waters	Short-term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource	Major spillage of contaminants from site into controlled water
	Property	Catastrophic damage to buildings/property	Explosion, causing building collapse (can also equate to an acute human health risk if buildings are occupied)
	Ecology	A short-term risk to a particular ecosystem, or organism forming part of such eco-system	Potentially long term derogation of a designated site or protected species
Medium	Humans	Chronic damage to human health ("significant harm" as defined in the CTL Statutory Guidance)	Concentrations of a contaminant from a residential site exceed the site-specific assessment criteria
	Controlled waters	Pollution of sensitive water resources (note: Water Resources Act contains no scope for considering significance of pollution)	Leaching of contaminants from a site to a principal or secondary aquifer
	Property	Significant damage to crops, buildings, structures and services	Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability)
	Ecology	A significant change in a particular ecosystem	Death of a species within a designated nature reserve

Table B: Classification of consequence (continued)

Classification	Receptor	Definition	Examples
Mild	Humans	Contamination present although unlikely to constitute a significant chronic health risk	Concentrations of a contaminant from a public access site moderately exceed the generic assessment criteria
	Controlled waters	Pollution of non-water resources	Pollution of non-classified groundwater
	Property	Damage to sensitive buildings/structures/services	Aggressive ground conditions leading to potential for long term degradation of buried concrete
	Ecology	Damage to the environment	Localised damage to aquatic habitat causing temporary relocation of certain species
Minor	Humans	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing, etc.)	The presence of contaminants at such concentrations that protective equipment is required during site works
	Controlled waters	Potential minor release of contamination to local water features	Short term or low volume release of potentially polluting material to a secondary surface water course of low existing quality
	Property	Easily repairable effects of damage to buildings, structures and services. Harm which may result in a financial loss, or expenditure to resolve	The loss of plants in a landscaping scheme. Discolouration of concrete
	Ecology	Short term, localised damage may occur; consequences are spatially and temporally limited	Short term or localised disruption to in situ flora or fauna; no lasting effects

Table C: Risk classification (comparison of consequence and probability)

		Consequence (severity)			
		Severe		Medium	Mild
Probability	High likelihood	Very high risk	High risk	Moderate risk	Low risk
	Likely	High risk	Moderate risk	Moderate/low risk	Low risk
	Low likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely	Moderate/low risk	Low risk	Very low risk	Very low risk

Risk Key

Very High	High	Moderate	Moderate/Low	Low	Very Low
Very High There is a high probability that severe harm could arise to a designated receptor from an identified hazard without appropriate remediation action	High Harm is likely to arise to a designated receptor from an identified hazard at the site without appropriate remediation action	Moderate It is possible that without appropriate remediation action harm could arise to a designated receptor. It is relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely that such harm would be relatively mild	Moderate/Low It is possible that harm could arise to a designated receptor from an identified hazard. It is likely any harm would be mild	Low It is possible that harm could arise to a designated receptor from an identified hazard. It is likely that, at worst if any harm was realised any effects would be mild	Very Low The presence of an identified hazard does not give rise to the potential to cause harm to a receptor

3.4 Risk assessment methodology

The method of risk evaluation adopted in this document is consistent with CIRIA C552 (2001). Hence, risk is considered to be a function of both the probability (likelihood) of contamination occurring at the study site and also the potential severity (consequence) of the environmental impacts associated with this contamination.

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Table A: Classification of probability

Classification	Definition
High likelihood	There is a contaminant linkage and an event that appears either very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution.
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Low likelihood	There is a contaminant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
Unlikely	There is contaminant linkage but circumstances are such that it is improbable that an event would occur even in the long term.

Table B: Classification of consequence

Classification	Receptor	Definition	Examples
Severe	Humans	Short-term (acute) risk to human health likely to result in "significant harm" as defined in the CTL Statutory Guidance	High concentrations of cyanide on the surface of an informal recreation area
	Controlled waters	Short-term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource	Major spillage of contaminants from site into controlled water
	Property	Catastrophic damage to buildings/property	Explosion, causing building collapse (can also equate to an acute human health risk if buildings are occupied)
	Ecology	A short-term risk to a particular ecosystem, or organism forming part of such eco-system	Potentially long term derogation of a designated site or protected species
Medium	Humans	Chronic damage to human health ("significant harm" as defined in the CTL Statutory Guidance)	Concentrations of a contaminant from a residential site exceed the site-specific assessment criteria
	Controlled waters	Pollution of sensitive water resources (note: Water Resources Act contains no scope for considering significance of pollution)	Leaching of contaminants from a site to a principal or secondary aquifer
	Property	Significant damage to crops, buildings, structures and services	Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability)
	Ecology	A significant change in a particular ecosystem	Death of a species within a designated nature reserve

Table B: Classification of consequence (continued)

Classification	Receptor	Definition	Examples
Mild	Humans	Contamination present although unlikely to constitute a significant chronic health risk	Concentrations of a contaminant from a public access site moderately exceed the generic assessment criteria
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	Property	Damage to sensitive buildings/structures/services	Aggressive ground conditions leading to potential for long term degradation of buried concrete
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	Controlled waters	Potential minor release of contamination to local water features	Short term or low volume release of potentially polluting material to a secondary surface water course of low existing quality
	Property	Easily repairable effects of damage to buildings, structures and services. Harm which may result in a financial loss, or expenditure to resolve	The loss of plants in a landscaping scheme. Discolouration of concrete
	Ecology	Short term, localised damage may occur; consequences are spatially and temporally limited	Short term or localised disruption to in situ flora or fauna; no lasting effects

Table C: Risk classification (comparison of consequence and probability)

		Consequence (severity)			
		Severe		Medium	Mild
Probability	High likelihood	Very high risk	High risk	Moderate risk	Low risk
	Likely	High risk	Moderate risk	Moderate/low risk	Low risk
	Low likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely	Moderate/low risk	Low risk	Very low risk	Very low risk

Risk Key

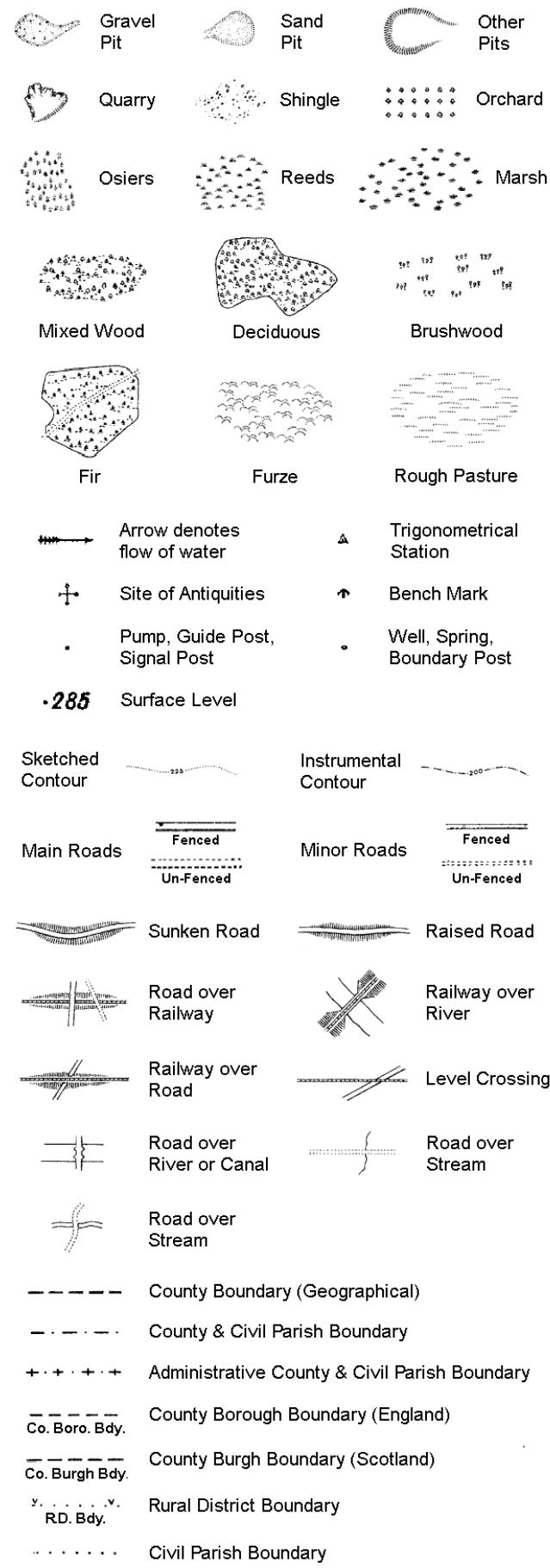
Very High	High	Moderate	Moderate/Low	Low	Very Low
Very High There is a high probability that severe harm could arise to a designated receptor from an identified hazard without appropriate remediation action	High Harm is likely to arise to a designated receptor from an identified hazard at the site without appropriate remediation action	Moderate It is possible that without appropriate remediation action harm could arise to a designated receptor. It is relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely that such harm would be relatively mild	Moderate/Low It is possible that harm could arise to a designated receptor from an identified hazard. It is likely any harm would be mild	Low It is possible that harm could arise to a designated receptor from an identified hazard. It is likely that, at worst if any harm was realised any effects would be mild	Very Low The presence of an identified hazard does not give rise to the potential to cause harm to a receptor

3.5 Historical land use maps

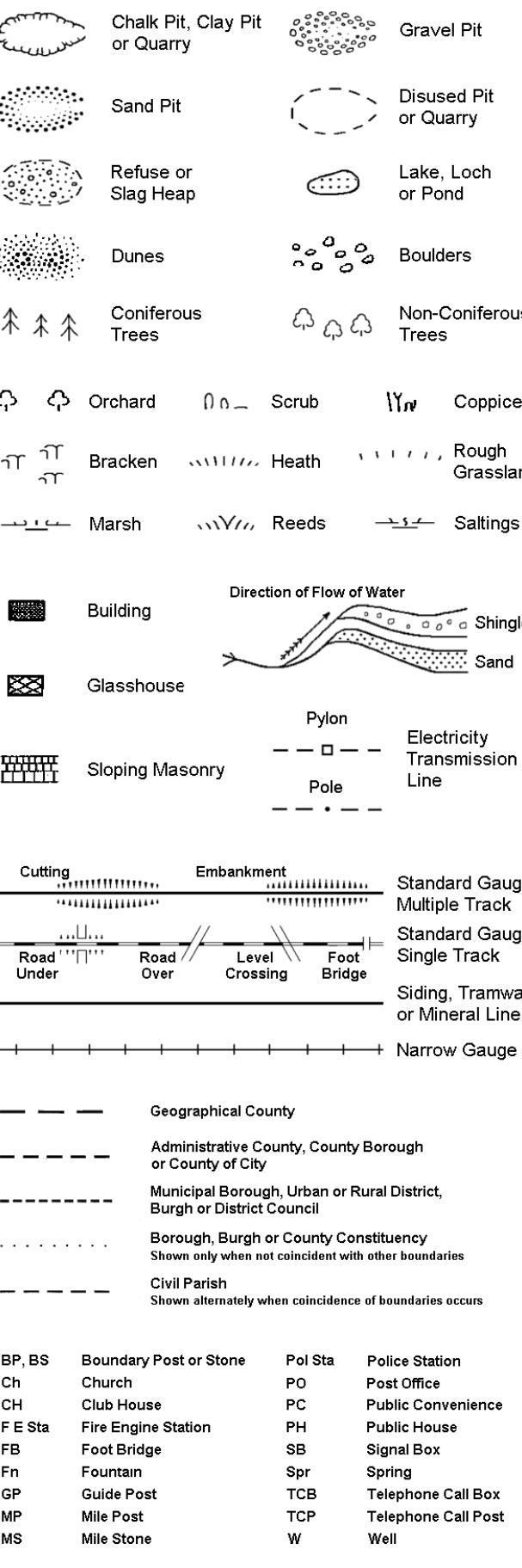
Historical Ordnance Survey maps relating to the site and its surrounding area have been provided by Landmark.

Historical Mapping Legends

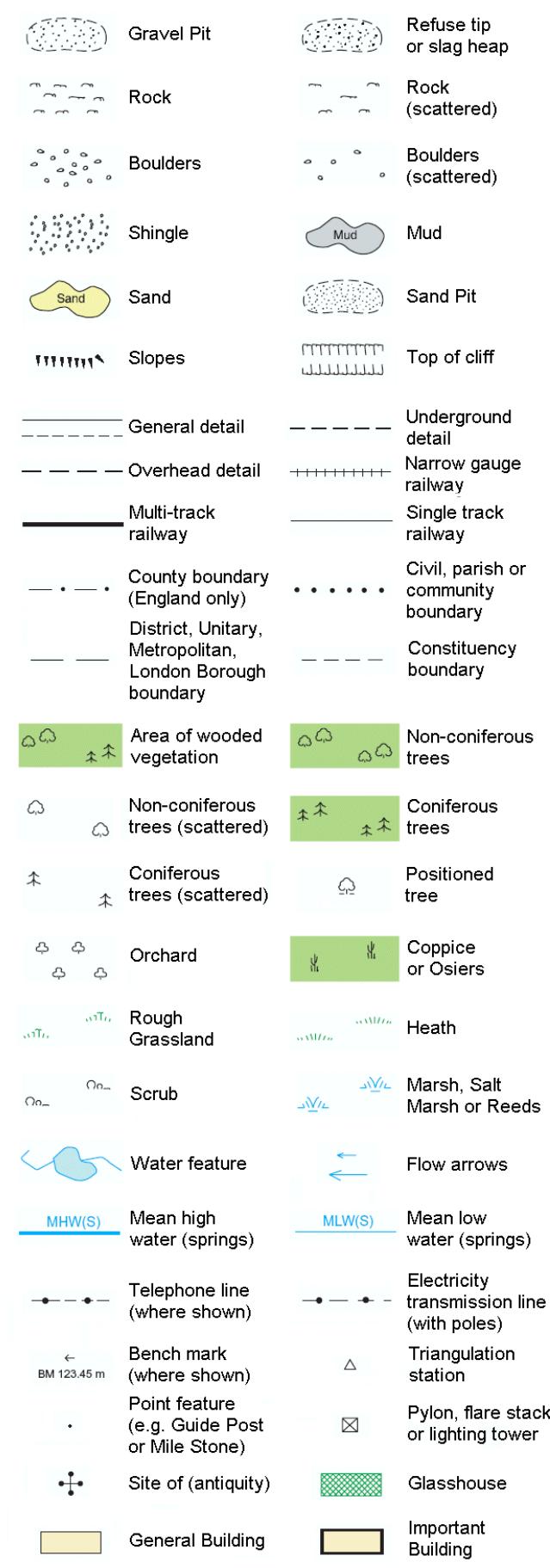
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



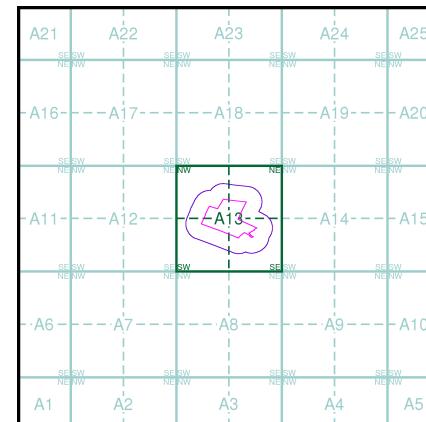
1:10,000 Raster Mapping



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

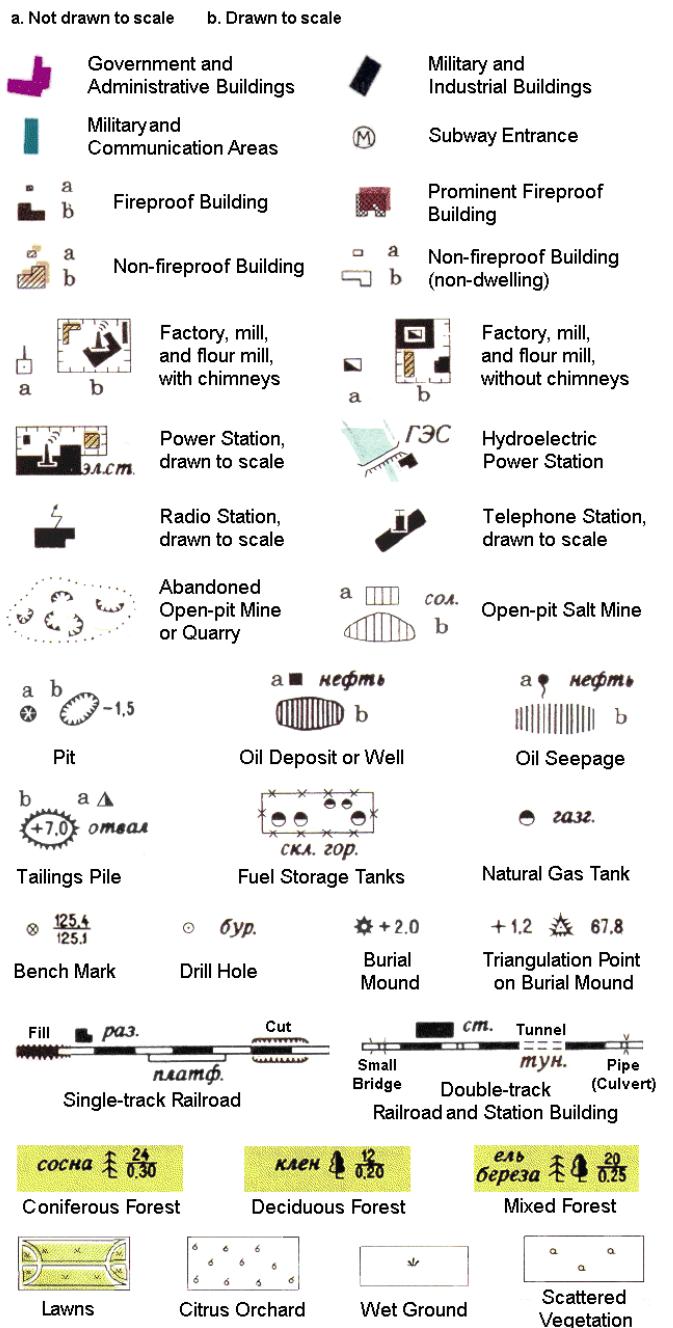
Order Number: 372973240_1_1
Customer Ref: 84748
National Grid Reference: 476910, 166720
Slice: A
Site Area (Ha): 4.77
Search Buffer (m): 1000

Site Details

Land Rear of Langley Common, and South of School Road, Barkham, RG41 4TN

Russian Military Mapping Legends

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



243,8

Values for prominent elevations

186.0

Numbers for spot elevations, depth soundings, contour lines, etc.

0.2

Velocity of the current, width of river bed, depth of river

180

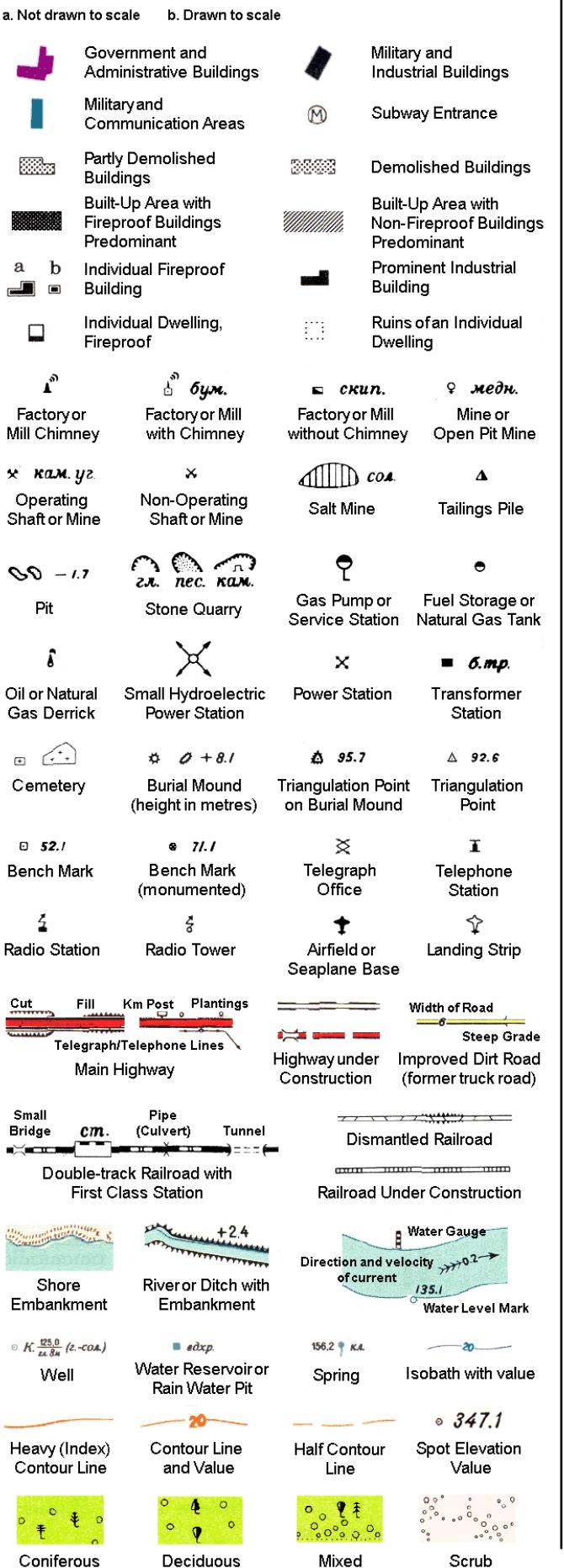
Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

12

Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	Ђ (D)
Д д (D)	Л л (L)	У у (U)	Ѡ (E)
Е е (E)	М м (M)	Ф ф (F)	Ѡ ѡ (E)
Ӗ є (YO)	Ҥ Ҥ (N)	Х х (KH)	Ѡ ѡ (YU or IU)
Ӂ ӂ (ZH)	Ӯ Ӯ (O)	Ҵ Ҵ (TS)	Ѩ Ѩ (YA or IA)

1:25,000 mapping



Key to Numbers on Mapping

SU76NE_Reading

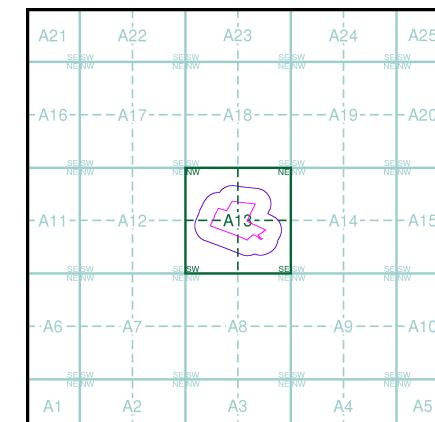
No.	Description
54	Sewage Works



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
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

Russian Map - Slice A



Order Details

Order Number: 372973240_1_1

Customer Ref: 84748

National Grid Reference: 476910, 166720

Slice: A

Site Area (Ha): 4.77

Search Buffer (m): 1000

Site Details

Land Rear of Langley Common, and South of School Road, Barkham, RG41 4TN



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

Berkshire

Published 1876 - 1883

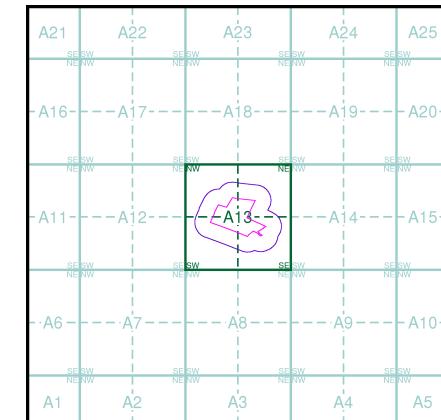
Source map scale - 1:10,560

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)

03800	1883
1:10,560	
04600	1876
1:10,560	

Historical Map - Slice A

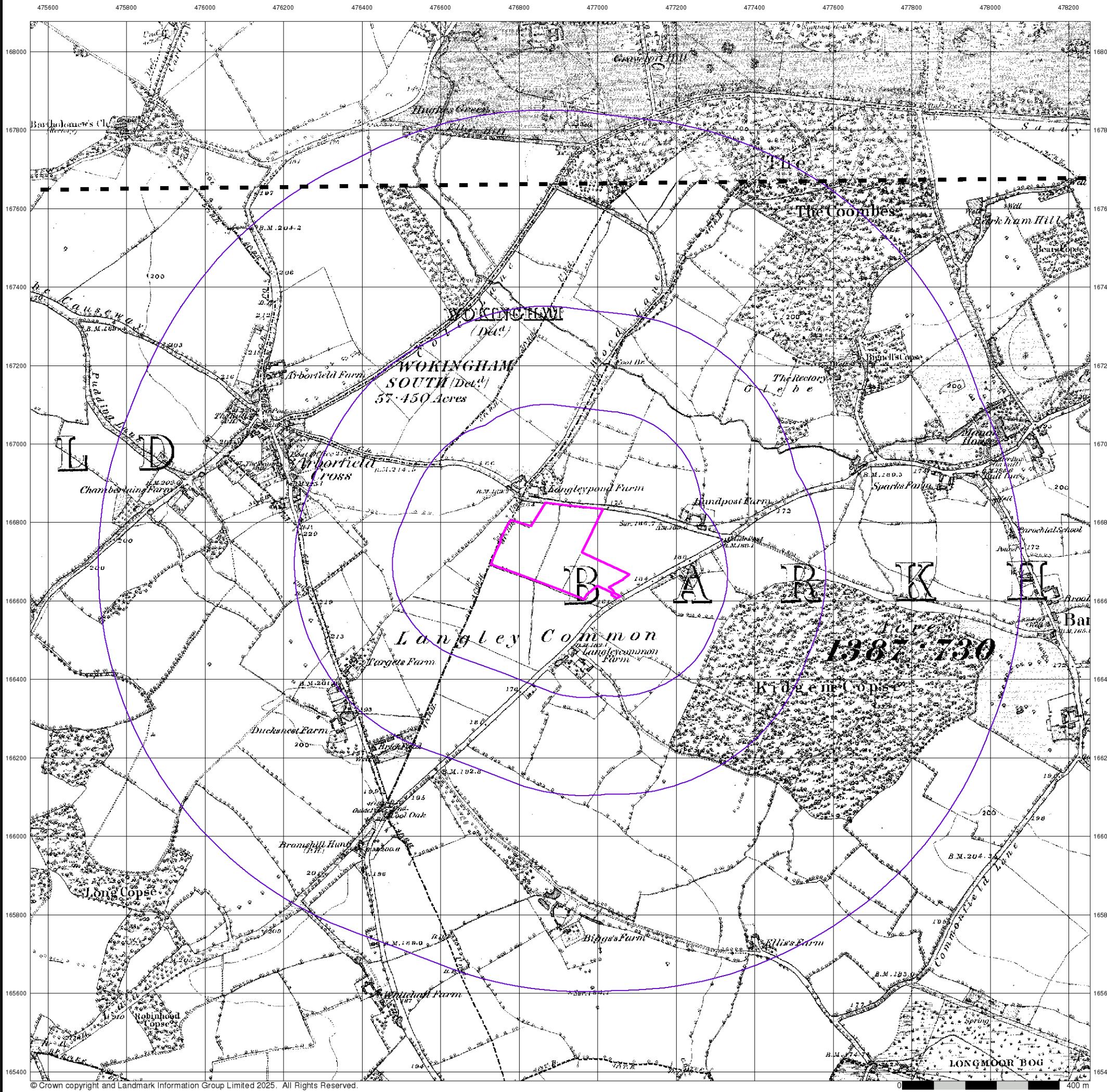


Order Details

Order Number: 372973240_1_1
 Customer Ref: 84748
 National Grid Reference: 476910, 166720
 Slice: A
 Site Area (Ha): 4.77
 Search Buffer (m): 1000

Site Details

Land Rear of Langley Common, and South of School Road,
 Barkham, RG41 4TN



Berkshire

Published 1900

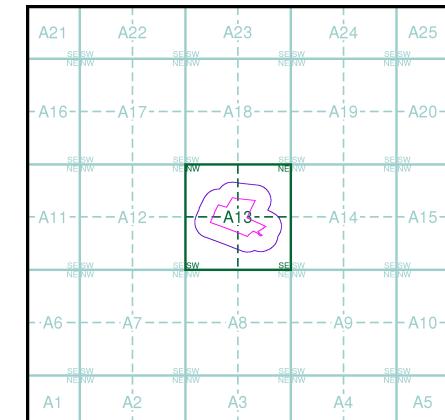
Source map scale - 1:10,560

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.

Map Name(s) and Date(s)

038SW	1900
	1:10,560
046NW	1900
	1:10,560

Historical Map - Slice A

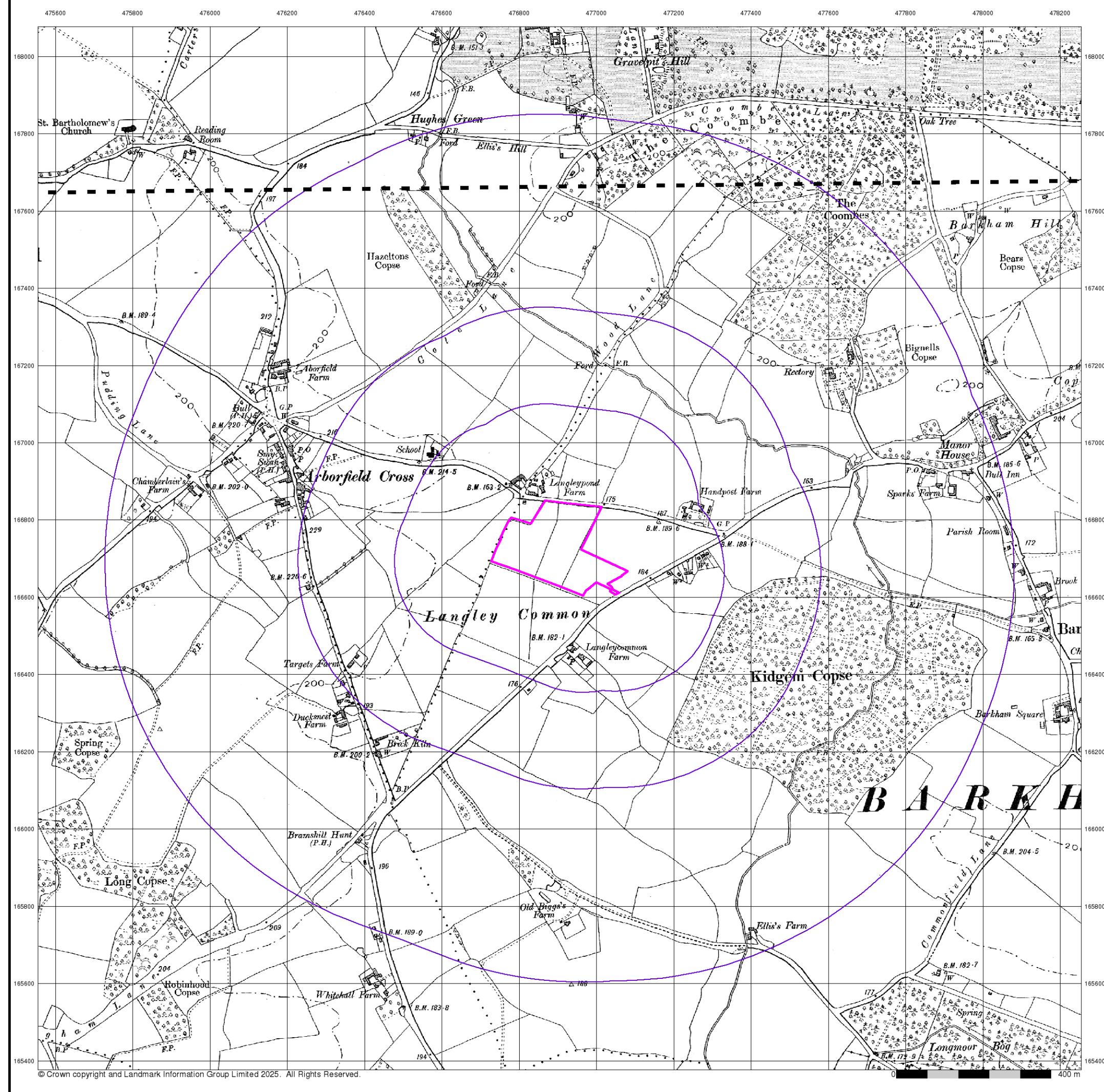


Order Details

Order Number: 372973240_1_1
 Customer Ref: 84748
 National Grid Reference: 476910, 166720
 Slice: A
 Site Area (Ha): 4.77
 Search Buffer (m): 1000

Site Details

Land Rear of Langley Common, and South of School Road, Barkham, RG41 4TN



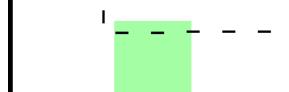
Berkshire

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.

Map Name(s) and Date(s)

03800
1901
1:10,560


Historical Map - Slice A

A21	A22	A23	A24	A25
SE/SW NE/NW	SE/SW NE/NW	SE/SW NE/NW	SE/SW NE/NW	SE/SW NE/NW
-A16-----A17-----A18-----A19-----A20-	SE/SW NE/NW	SE/SW NE/NW	SE/SW NE/NW	SE/SW NE/NW
-A11-----A12-----A13-----A14-----A15-	SE/SW NE/NW	SE/SW NE/NW	SE/SW NE/NW	SE/SW NE/NW
-A6-----A7-----A8-----A9-----A10-	SE/SW NE/NW	SE/SW NE/NW	SE/SW NE/NW	SE/SW NE/NW
A1 A2 A3 A4 A5	SE/SW NE/NW	SE/SW NE/NW	SE/SW NE/NW	SE/SW NE/NW

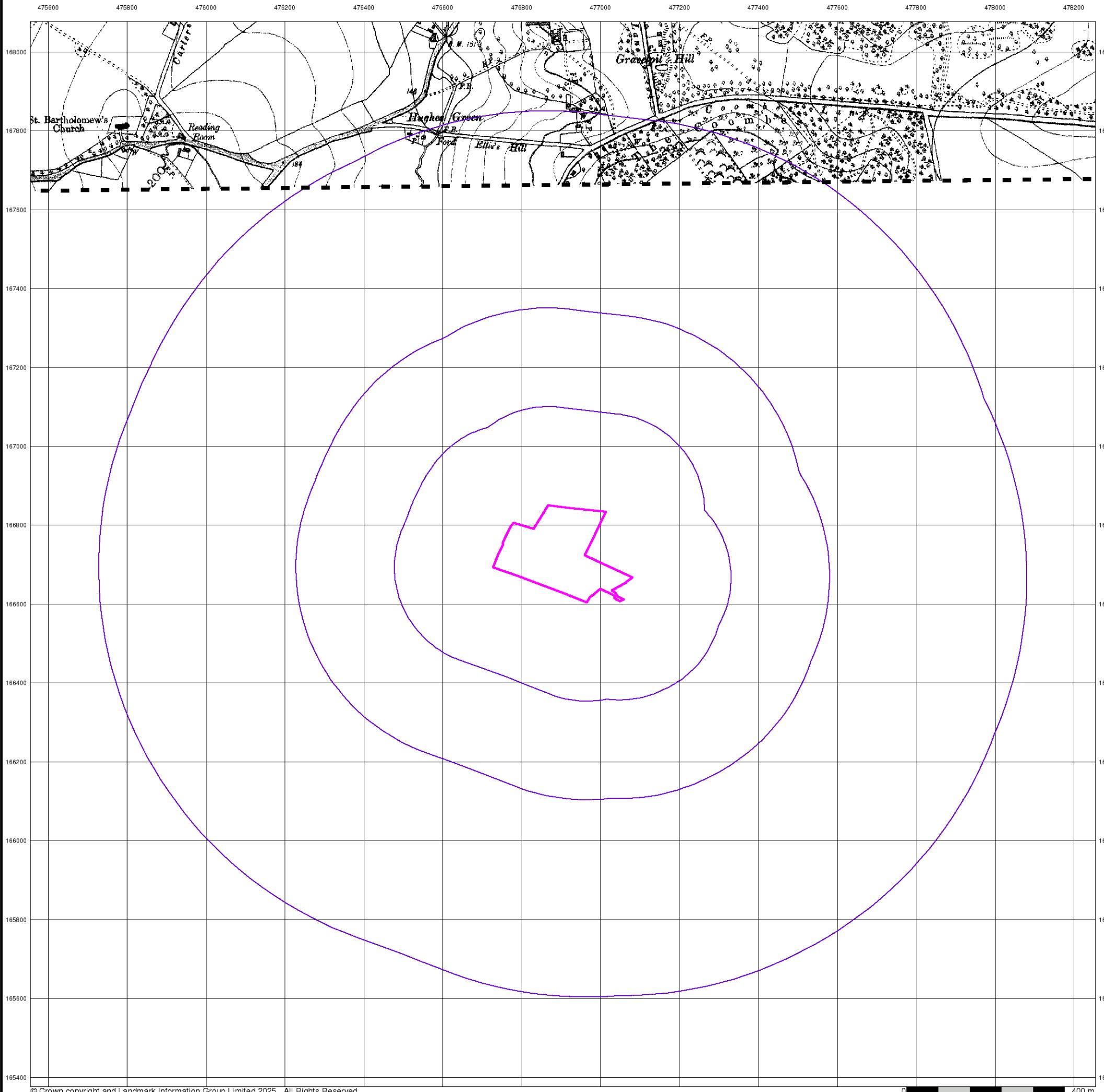


Order Details

Order Number: 372973240_1_1
 Customer Ref: 84748
 National Grid Reference: 476910, 166720
 Slice: A
 Site Area (Ha): 4.77
 Search Buffer (m): 1000

Site Details

Land Rear of Langley Common, and South of School Road,
 Barkham, RG41 4TN



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.

Map Name(s) and Date(s)

038SW	1912
	1:10,560
046NW	1912
	1:10,560

Historical Map - Slice A

A21	A22	A23	A24	A25
SE/SW	SE/SW	SE/SW	SE/SW	SE/SW
-A16	-A17	-A18	-A19	-A20-
SE/SW	SE/SW	SE/SW	SE/SW	SE/SW
-A11	-A12	-A13	-A14	-A15-
SE/SW	SE/SW	SE/SW	SE/SW	SE/SW
-A6	-A7	-A8	-A9	-A10-
SE/SW	SE/SW	SE/SW	SE/SW	SE/SW
A1	A2	A3	A4	A5

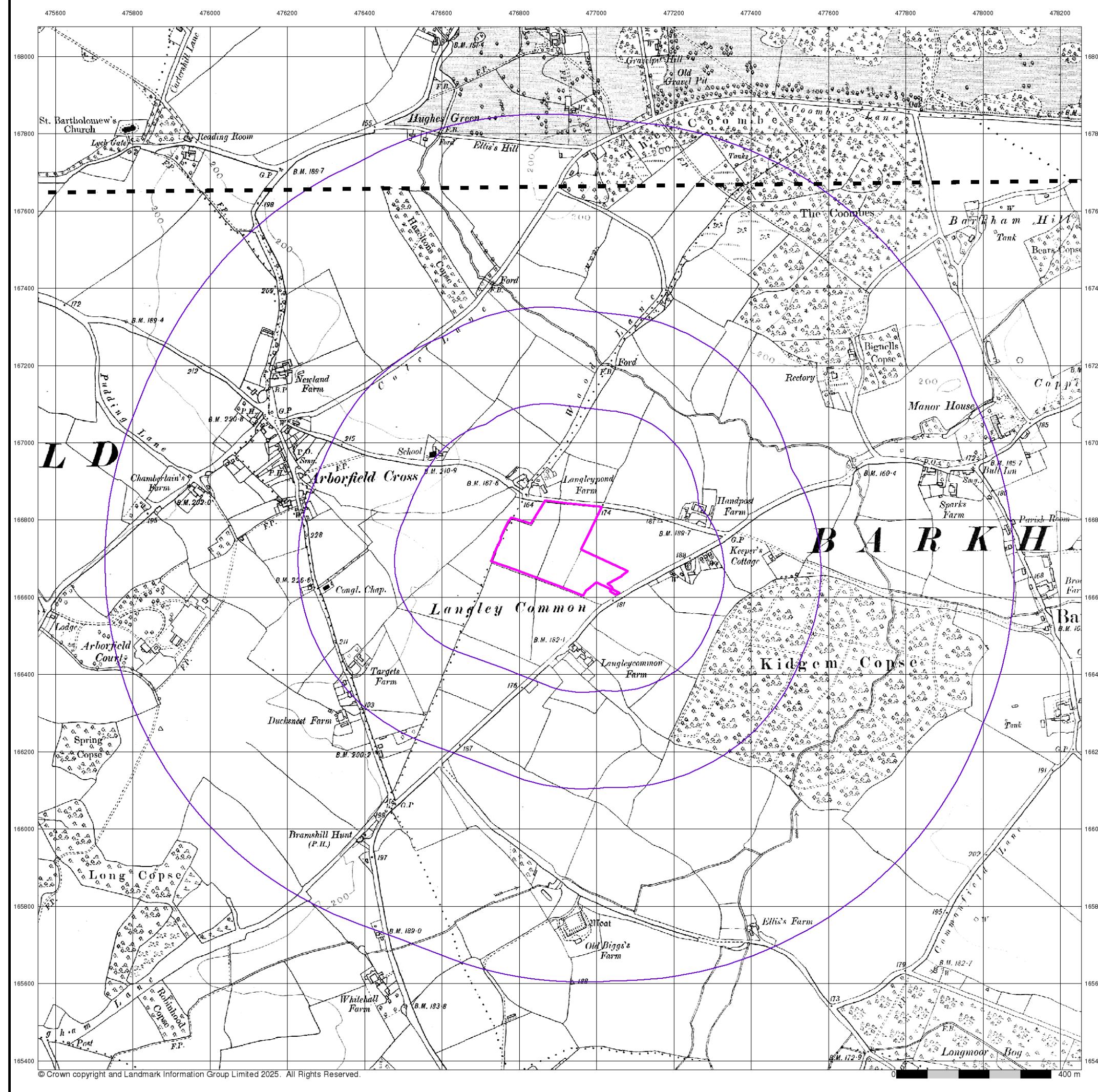


Order Details

Order Number: 372973240_1_1
 Customer Ref: 84748
 National Grid Reference: 476910, 166720
 Slice: A
 Site Area (Ha): 4.77
 Search Buffer (m): 1000

Site Details

Land Rear of Langley Common, and South of School Road, Barkham, RG41 4TN



Berkshire

Published 1932

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)

038SW	1932
	1:10,560
046NW	1932
	1:10,560

Historical Map - Slice A

A21	A22	A23	A24	A25
SE/SW	SE/SW	SE/SW	SE/SW	SE/SW
-A16	-A17	-A18	-A19	-A20-
SE/SW	SE/SW	SE/SW	SE/SW	SE/SW
-A11	-A12	-A13	-A14	-A15-
SE/SW	SE/SW	SE/SW	SE/SW	SE/SW
-A6	-A7	-A8	-A9	-A10-
SE/SW	SE/SW	SE/SW	SE/SW	SE/SW
A1	A2	A3	A4	A5

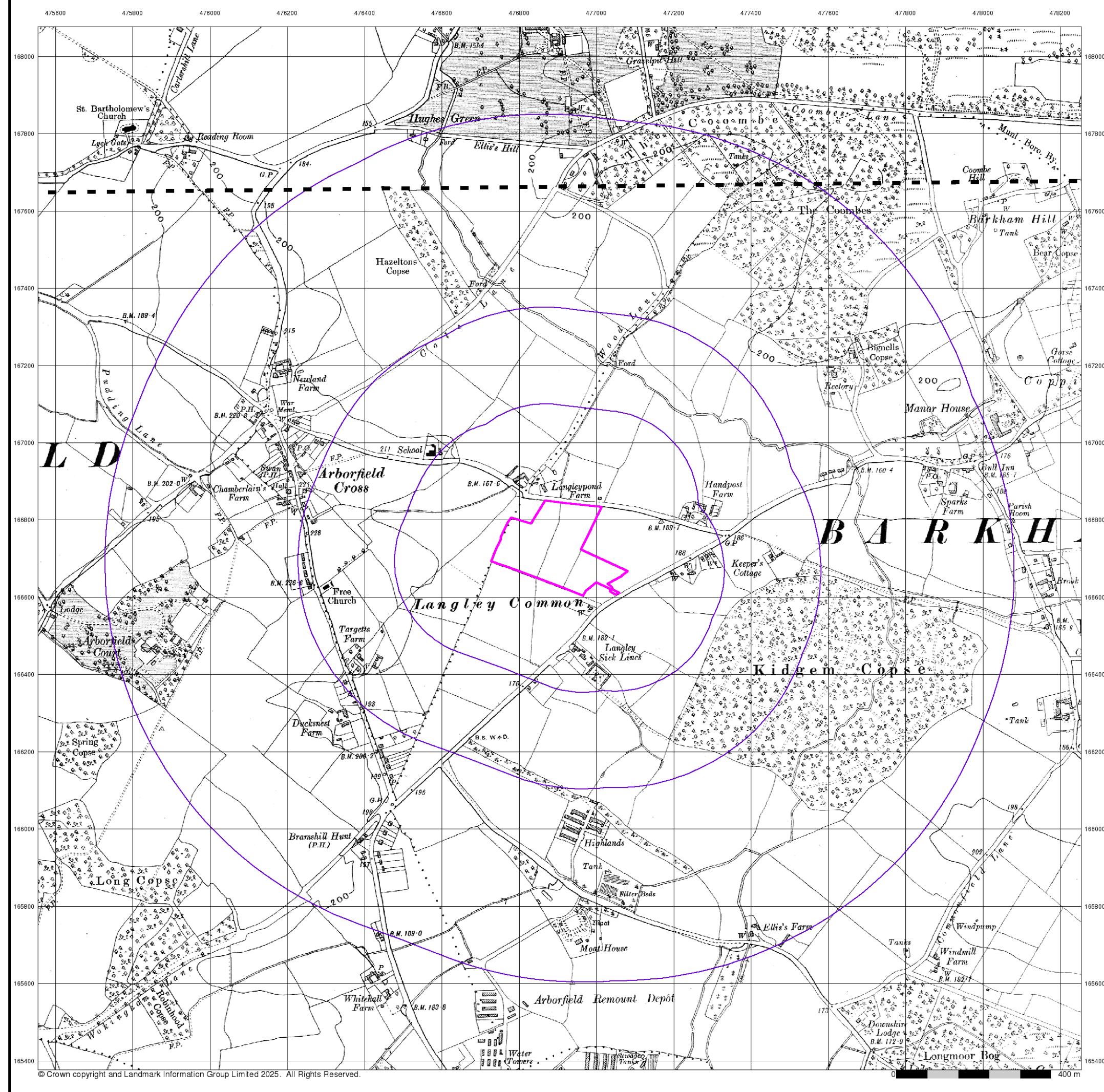


Order Details

Order Number: 372973240_1_1
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 Search Buffer (m): 1000

Site Details

Land Rear of Langley Common, and South of School Road, Barkham, RG41 4TN



Berkshire

Published 1938

Source map scale - 1:10,560

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Map Name(s) and Date(s)

038SW	1938	1:10,560
046NW	1938	1:10,560

Historical Map - Slice A

A21	A22	A23	A24	A25
SE/SW	SE/SW	SE/SW	SE/SW	SE/SW
-A16	-A17	-A18	-A19	-A20-
SE/SW	SE/SW	SE/SW	SE/SW	SE/SW
-A11	-A12	-A13	-A14	-A15-
SE/SW	SE/SW	SE/SW	SE/SW	SE/SW
-A6	-A7	-A8	-A9	-A10-
SE/SW	SE/SW	SE/SW	SE/SW	SE/SW
A1	A2	A3	A4	A5

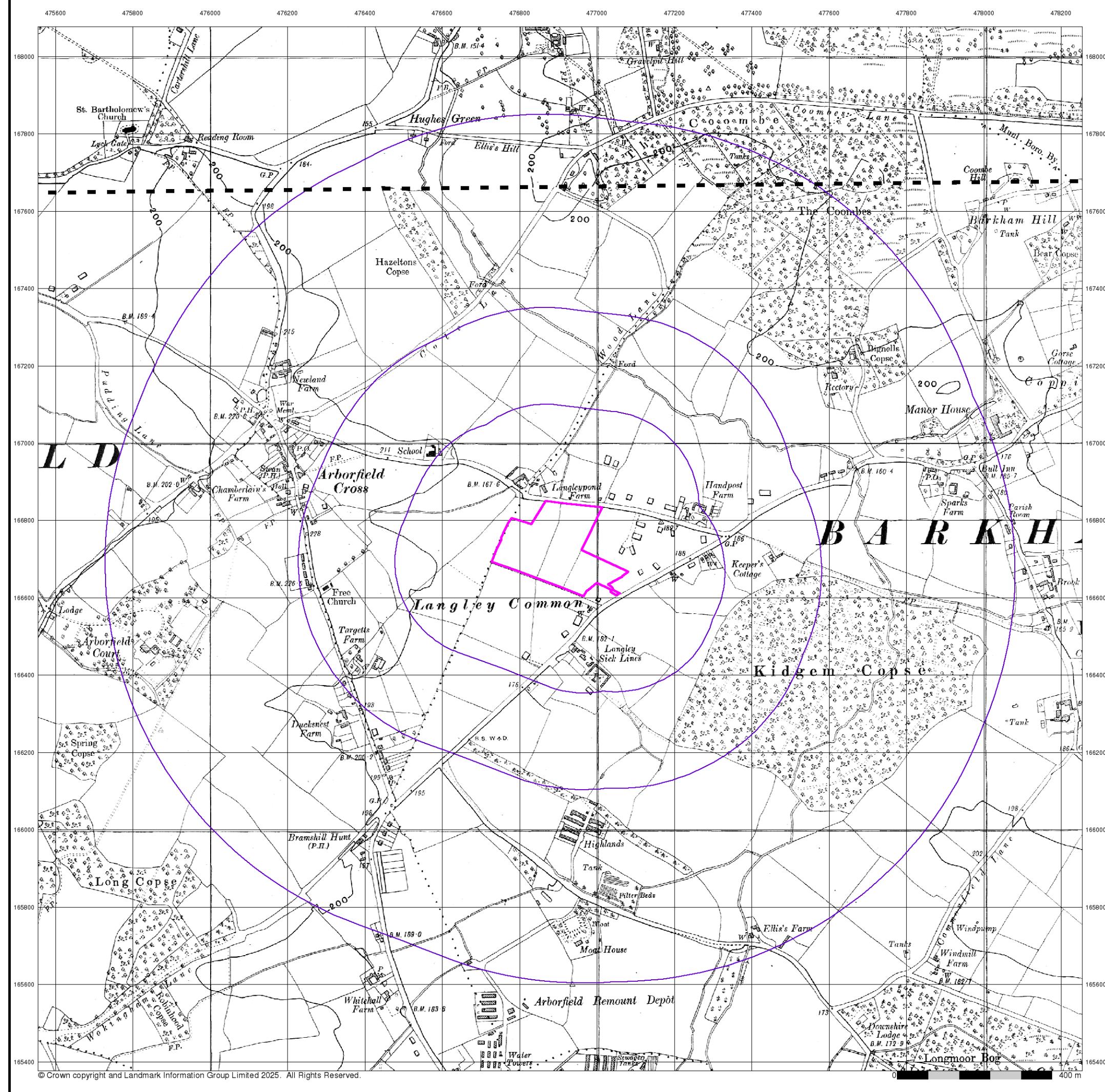


Order Details

Order Number: 372973240_1_1
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 Slice: A
 Site Area (Ha): 4.77
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Site Details

Land Rear of Langley Common, and South of School Road, Barkham, RG41 4TN



Historical Aerial Photography

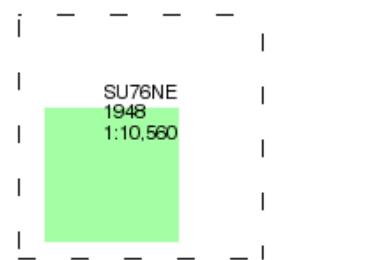
Published 1948

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.

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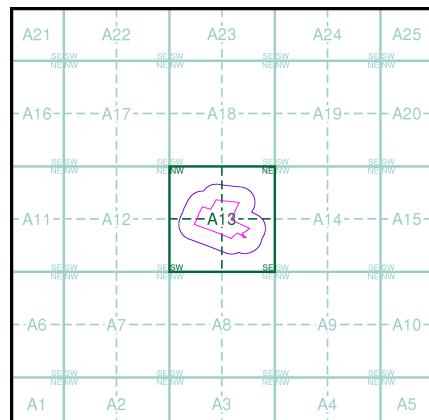
Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



BRITISH
LIBRARY

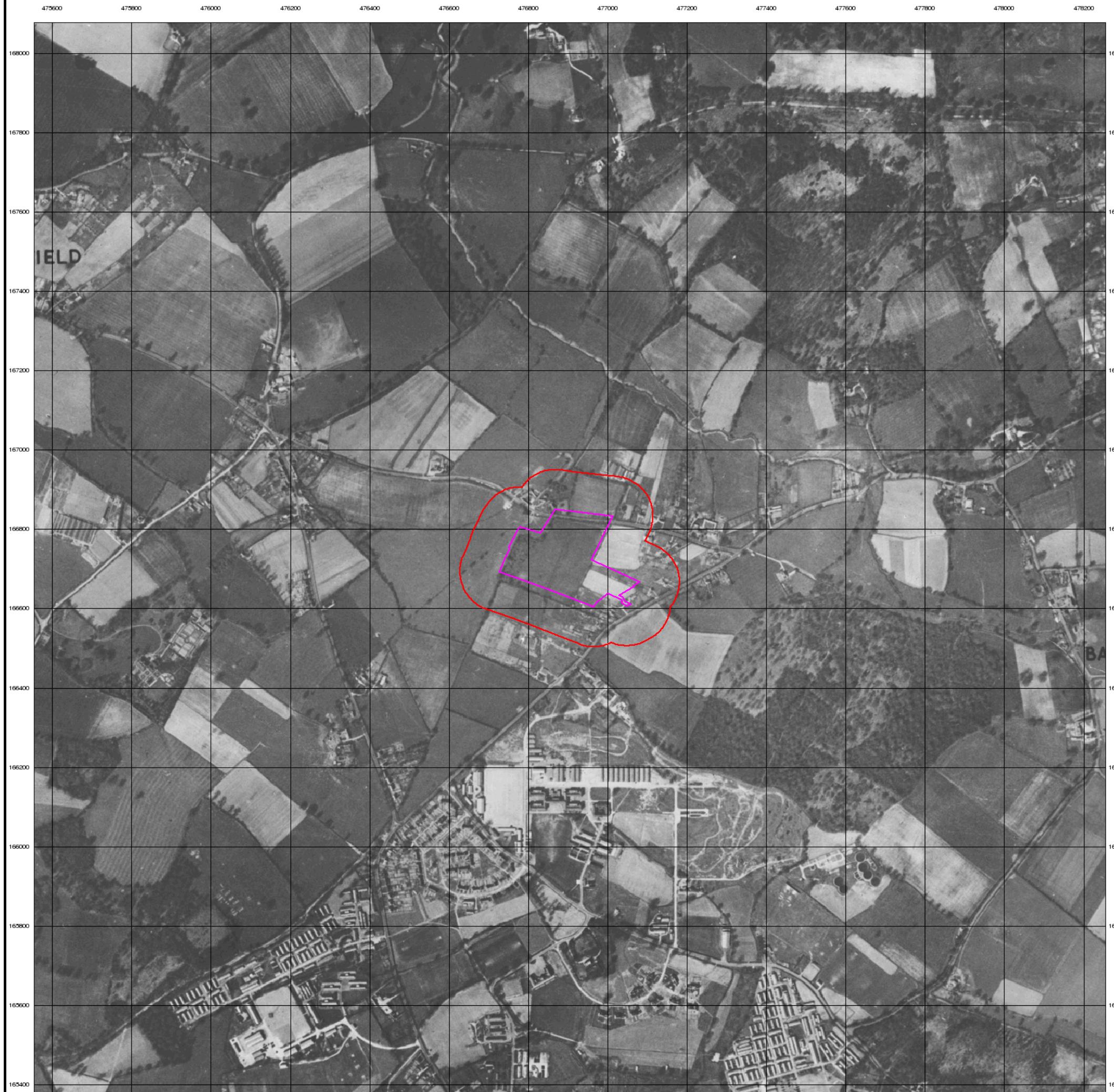


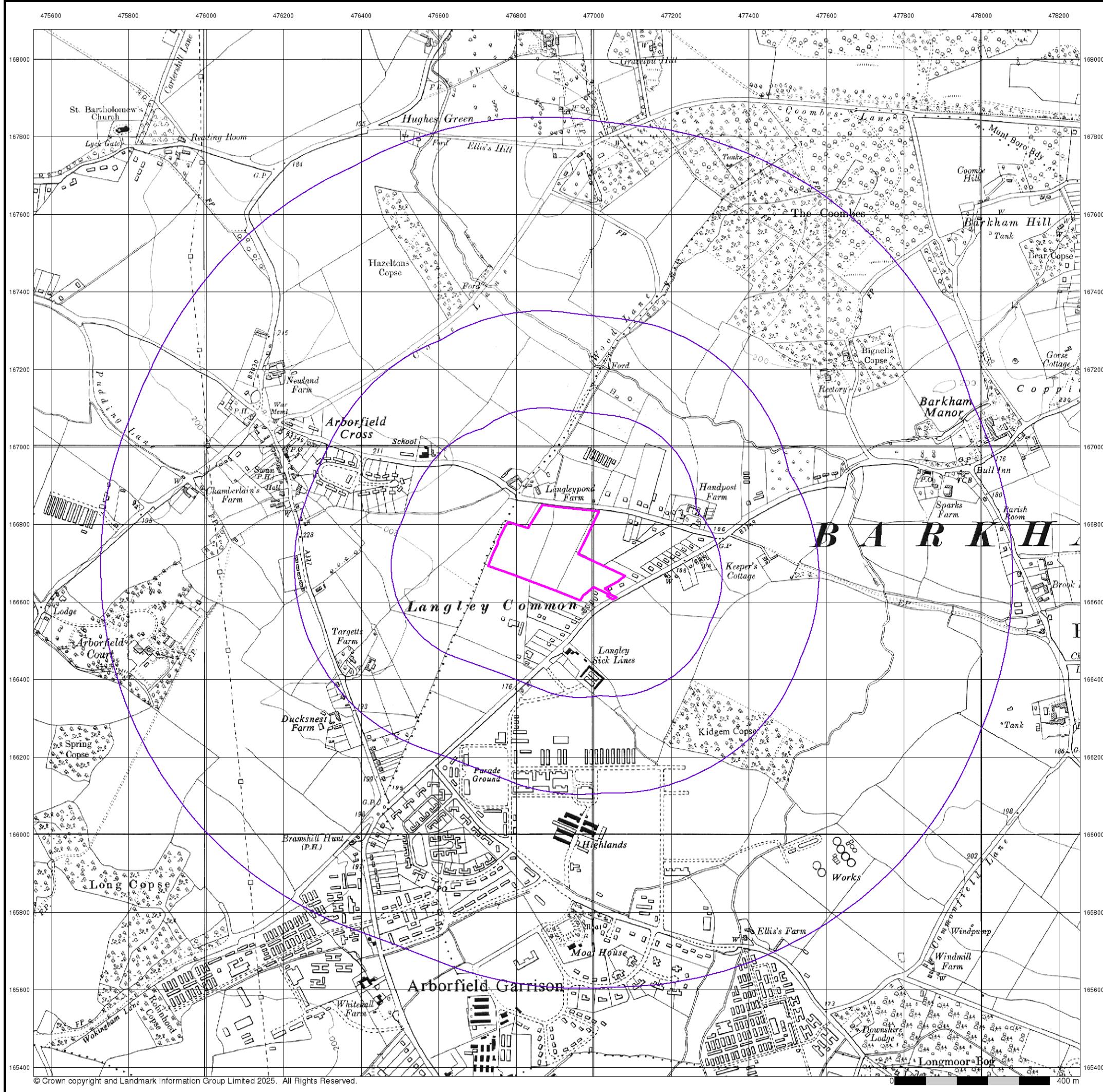
Order Details

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Site Details

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Ordnance Survey Plan

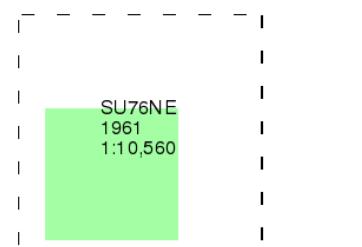
Published 1961

Source map scale - 1:10,000

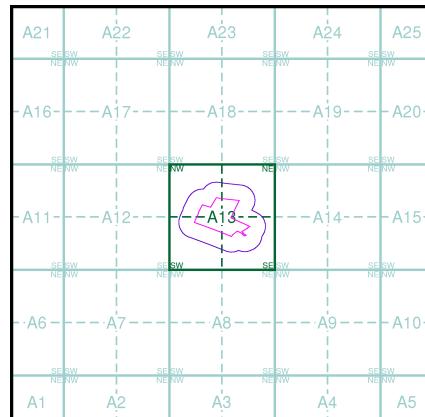
The historical maps shown were reproduced from maps predominately at the scale adopted for England, Wales and Scotland in the 1840s.

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

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Site Details

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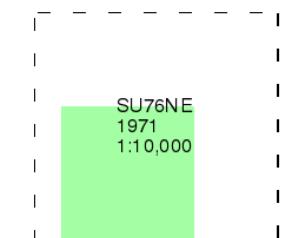
Ordnance Survey Plan

Published 1971

Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A

A21	A22	A23	A24	A25
SE SW				
- A16 -	- A17 -	- A18 -	- A19 -	- A20 -
SE SW				
- A11 -	- A12 -	- A13 -	- A14 -	- A15 -
SE SW				
- A6 -	- A7 -	- A8 -	- A9 -	- A10 -
SE SW				
A1	A2	A3	A4	A5

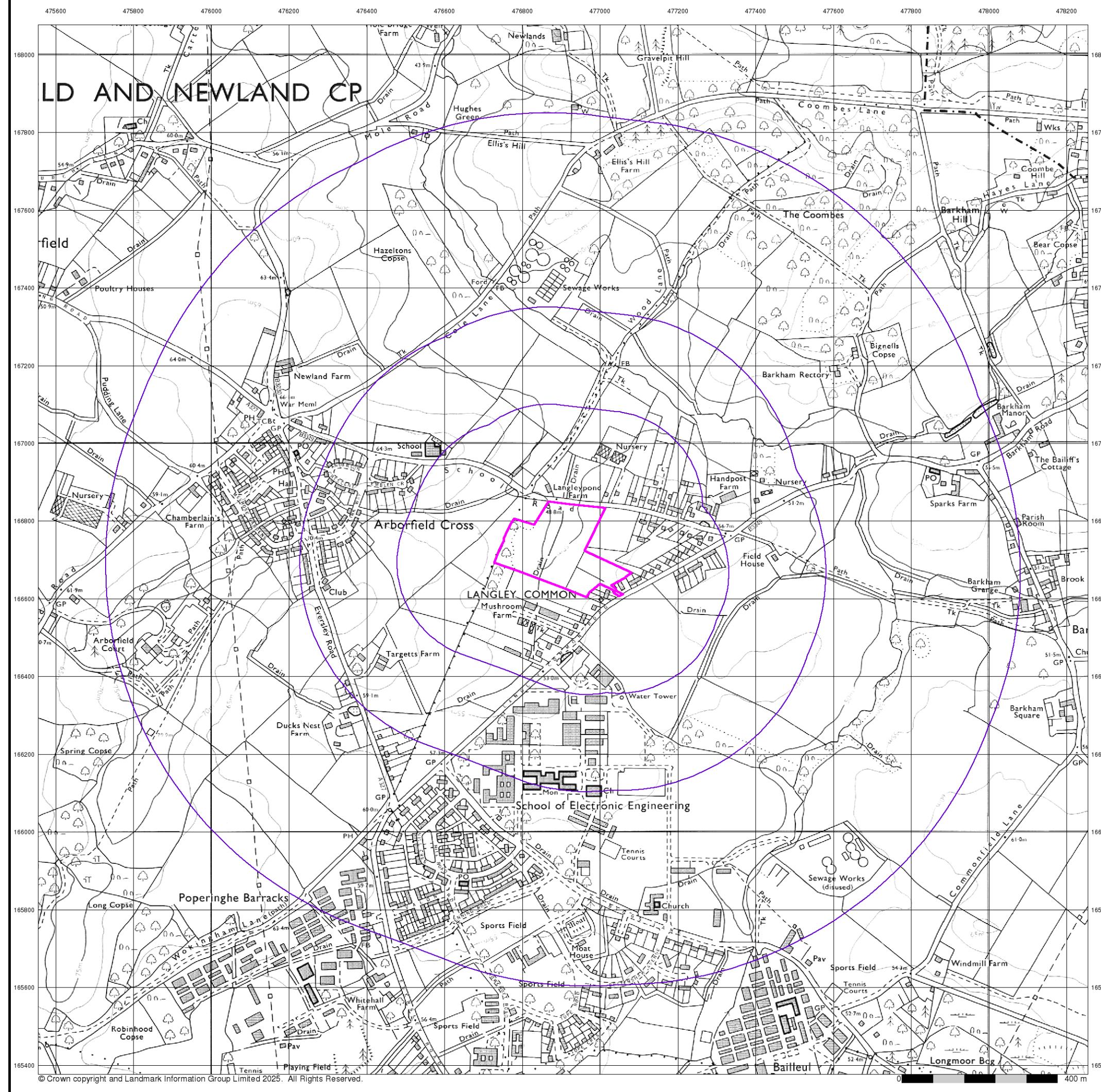


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 Slice: A
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Site Details

Land Rear of Langley Common, and South of School Road, Barkham, RG41 4TN



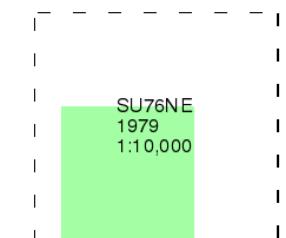
Ordnance Survey Plan

Published 1979

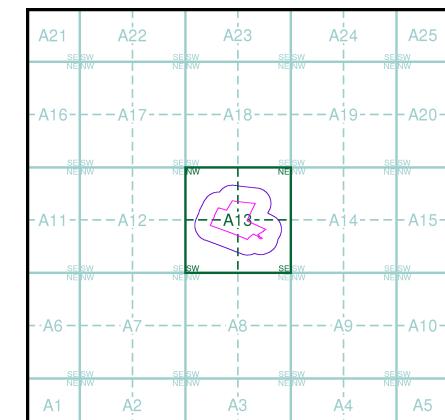
Source map scale - 1:10,000

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.

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Historical Map - Slice A



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