

Phase 1 Desk Study Report



Project Name: Old Orchard Lodge Cottage

Location: Park Lane, Harefield, Uxbridge, UB9 6HJ

Client: Ammar Khaliq

Project ID: J15005

STL Report Ref: J15005-DS

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SUMMARY

The site is currently a vacant plot of land, following the recent demolition of the former residential property. It is proposed to construct a new two-storey detached dwelling with habitable basement space and associated parking and private garden. It is understood that the proposed basement will extend to around 3m below ground level.

Geological records indicate that there is no superficial soils mapped across the majority of the site but Gerrards Cross Gravels are mapped across in the very south-easternmost corner. The bedrock is mapped as London Clay Formation, with Lambeth Group mapped nearby to the north-west of the site.

A desk study was carried out and indicates that the site has a history of agricultural and residential use and is located within a generally agricultural area.

An Unexploded Ordnance (UXO) risk assessment was not undertaken by a specialist subcontractor as part of these works.

No intrusive works were undertaken as part of this investigation. However, a borehole previously carried out on the site, by Fastrack Group, encountered Made Ground to 0.3m over clayey flint pebbles and cobbles to 0.6m (possible Gerrards Cross Gravels), over stiff silty clay (London Clay). Groundwater was noted at 2.65m on completion of the borehole. A further trial pit excavated to 0.9m, undertaken by CGS Civils for soakage testing, indicated organic loamy soils to 0.1m over stiff clay. No contamination testing was undertaken as part of these works.

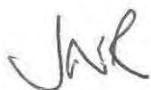
Based on the results of the desk study and walkover survey the risk to the proposed development from onsite sources, such as Made Ground and asbestos from the previous development and demolition, is considered low. The risk from offsite sources is considered negligible.

In order to confirm the assessed risks in this desk study, a Phase II intrusive investigation would need to be completed. Such an investigation should include sampling and testing of any Made Ground, topsoil and underlying natural soils, particularly within proposed areas of soft landscaping. The chemical analysis should assess the Conceptual Model presented within, and confirm whether there is a need for any remedial works or additional assessment.

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

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

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

Author	V Francis BSc MSc FGS	
Check / Review	J Race MSc CGeol	

For and on behalf of Southern Testing Laboratories Limited

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A INTRODUCTION

1 Authority

Our authority for carrying out this work is contained in a Project Order Form from Mr A Khaliq (the Client), dated 20th December 2021. This was on the basis of our proposal and cost estimate (Ref Q211986-2) dated 20th December 2021.

2 Location

The site is located in Harefield, Uxbridge, approximately 500m south-west of Harefield Hospital. The approximate National Grid Reference of the site is TQ 04640 90449. The site location is indicated on Figure 1 within Appendix A.

3 Proposed Construction

It is proposed to construct a new two-storey detached dwelling with habitable basement space and associated parking and private garden. It is understood that the proposed basement will extend to around 3m below ground level. A proposed site plan can be found in Appendix A.

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

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

4 Object

This is a Phase 1 Desk Study and Walkover Survey.

The object of the investigation was to assess the likely nature and extent of soil, groundwater and soil gas contamination on the site.

This desk study is also to support a Basement Impact Assessment (BIA) as part of the Client's planning application in accordance with the requirements of the London Borough of Hillingdon.

5 Scope

This report presents our desk study findings and our interpretation of these data.

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

This report is not an engineering design and the figures and calculations contained in the report should be used by the Engineer, taking note that variations will apply, according to variations in design loading, in techniques used, and in site conditions. Our figures therefore should not supersede the Engineer's design.

Waste Classification of soils has not been included within the brief for the investigation.

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

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

The recommendations contained in this report may not be appropriate to alternative development schemes.

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

B DESK STUDY AND WALKOVER SURVEY

6 Desk Study

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

- Online Geological Maps Ref [4] & Ref [5]
- Online Hydrogeological Maps Ref [6]
- Aerial Photographs
- Historical Ordnance Survey Maps
- Environmental Databases
- BGS Online Historical Borehole Records Ref [7]
- Search on Local Authority Planning Portal for planning history
- MAGIC website mapping Ref [8]
- Environment Agency / Gov.UK Website Flood Risk Ref [9]
- Bomb Maps
- UK Radon Ref [10] and BRE Radon Ref [11]
- Google Earth (for old aerial photographs)
- London Borough of Hillingdon, Local Plan Part 2, Development Management Policies, Jan 2020.

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

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

6.1 Previous Reporting

The site has been subject to the previous reporting as indicated in the table below. The reports are summarised below but the reader is referred to these reports for more details.

Document	Date	Issue	Producer
Geotechnical Survey Report (ref: 10269)	Dec 2016	1	Fastrack Group
Foul & SuDS Drainage Assessment (ref: 10757)	30 July 2020	1	GTA Civils and Transport Ltd.
Soakaway Testing – Infiltration Test Result Summary (ref: CS/C1454)	02 Sept 2020	1	CGS Civils

A Geotechnical Survey Report was undertaken by Fastrack in December 2016, which included a single borehole (BH1) located just south of the former building. The soils encountered were described as Made Ground to 0.3m over clayey flint pebbles and cobbles to 0.6m (possible Gerrards Cross Gravels), over stiff silty clay (London Clay). Groundwater was noted at 2.65m on completion of the borehole, but no long-term monitoring was undertaken. Based on shear vane readings, Fastrack Group determined the London Clay soils to be firm to stiff and a bearing capacity of 150kN/m² was recommended between 1-2m below ground level, increasing to 300kN/m² at 5m. Limited geotechnical testing was undertaken including Atterberg limit testing which indicate the London Clay soils to have high to very high plasticity and a NHBC medium to high volume change potential. No contamination testing was undertaken as part this site investigation.

In addition, GTA Civils and Transport Ltd. undertook a foul and SuDS drainage assessment which revealed that there is an existing foul water line on site, flowing into a shared sewer system at Old Orchard Lodge. From this report it is understood the developments foul water will be routed via gravity into the existing outfall manhole leading to the neighbour's sewer. As part of this investigation Soakaway testing was undertaken by CGS Civils in September 2020. One BRE 365 soakage test (SAT1) was undertaken at a depth of 0.9m below ground level, in line with the approximate depth of the proposed soakaway. The soils encountered during excavation of the pit indicated organic loamy soils to 0.1m over stiff clay. The soakage testing findings revealed the water level dropped around 50mm in the first hour, after which the water level remained consistent for a further two hours. The BRE 365 was deemed as a fail and alternative methods of disposal of surface water were recommended.

6.2 Geology

The British Geological Survey Map No. 255 (Beaconsfield) indicates that there is no superficial soils mapped across the majority of the site but Gerrards Cross Gravels are mapped across in the very south-easternmost corner. The bedrock is mapped as London Clay Formation, with Lambeth Group mapped nearby to the north-west of the site.

6.2.1 Gerrards Cross Gravels

The Gerrards Cross Gravel is a fluvial deposit which comprises sand and gravel with local lenses of silt, clay or peat and organic material. The deposits rests unconformable on the bedrock geology and varies from around 1m to 10m in thickness, averaging 4m.

6.2.2 London Clay

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

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

This formation is known to contain pyrite.

6.2.3 Lambeth Group

The Lambeth Group comprises a vertically and laterally very variable sequence of multicoloured and mottled clays and sands. The sands are greenish yellow or brown, and generally alternate with the multicoloured mottled clays and sometimes bands of lignite. Pebble Beds, locally cemented into conglomerate, and some bands of concretionary ironstone may also be present. Shells are frequently found in the clays and are sometimes locally cemented into a limestone bed that may form an obstruction to pile borings. At the base of the formation there can be layer of greenish sands with flint pebbles where they rest directly above the Thanet Beds.

Clays within this group are known to contain pyrite.

6.3 Historical Borehole Records

A search of previous exploratory hole records both from the online British Geological Survey database [7] and Southern Testing in-house records, did not reveal any records within the near vicinity of the site within the mapped geology on site.

The nearest record located around 555m east of the site mapped as Gerrards Cross Formation underlain by the London Clay Formation indicated dense sand and gravel to around 5.6m over firm to stiff silty clay. This record is summarised in the table below.

(<https://mapapps.bgs.ac.uk/geologyofbritain/home.html>, accessed 18th January 2022).

BH Reference	Final Depth (mbgl)	Distance from site (m) & Direction	Remarks
TQ09SE31	20m	555m E	<p>Dense clayey silty sandy GRAVEL to 2.0m, over dense to very dense silty SAND/GRAVEL to 4.6m, over firm becoming stiff/very stiff silty CLAY with occasional small concretions and thin partings of silty fine sand.</p> <p>Multiple water entries recorded.</p>

As noted previously, a single borehole has been undertaken on the subject site in December 2016, by Fastrack Group, which encountered a dark brown clayey Made ground to 0.3m, over mid dark brown clayey flint pebbles and cobbles to 0.6m, over a firm to stiff orange brown mottled grey silty clay to 5m. Standing water was noted at 2.65m on completion of the borehole. No visual or olfactory evidence of contamination was noted within the borehole log or the 'Geotechnical Survey Report' (ref: 10269).

6.4 Geological Hazards and Mining Activities

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

Data Source	Hazard	Hazard Potential to Site	Remarks
BGS	Potential for Collapsible Ground Stability Hazard	Very Low	
	Potential for Compressible Ground Stability Hazard	No Hazard	
	Potential for Ground Dissolution Stability Hazard	No Hazard	
	Potential for Landslide Ground Stability Hazard	Low	
	Potential for Running Sand Ground Stability Hazard	Very Low	
	Potential for Swelling or Shrinkage Clay Ground Stability Hazard	Very Low	Atterberg limit testing on samples of the clay soils encountered beneath the site during a previous site investigation by Fastrack indicated soils of high to very high plasticity and a NHBC medium to high volume change potential.
	Shallow Mining Hazard	Very Low	
	BGS recorded mineral site	Low	The nearest BGS recorded mineral site is listed as 277m south of the site, at Harefield Cement, Lime and Brick Works.
ARUP [Ref [12]]	Mining Instability	Very Low	No records listed within 1km of the site.
CCS [Ref [13]] KURG [Ref [14]]	Underground Openings	Very Low	The nearest underground opening is listed as deneholes located 800m north-west of the site.
PBA	Natural & Mining Cavities	Very Low	No records listed within 1km of the site.

6.5 Radon Risk

The site is located within a lower probability radon area, where less than 1% of homes are at or above the Action Level. Therefore, with reference to the Envirocheck report, UK Radon Ref [10] and BRE Radon Ref [11] guidance: no radon protection is required on this site.

6.6 Hydrology and Hydrogeology

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

Data		Remarks	Possible Hazard to/from Site (Y/ N)
Aquifer Designation	Superficial Deposits	Gerrards Cross Gravel (mapped across south-easternmost corner of the site) – Secondary A Aquifer.	Y
	Bedrock	London Clay – Unproductive Strata	N
Groundwater Vulnerability		Low groundwater vulnerability. Relates to shallowest aquifer and is a function of the ability of superficial soils to transmit contaminants.	Y
Abstractions	Surface Water	No surface water abstractions within 1km of the site.	N
	Groundwater	The nearest groundwater abstraction is listed as 639m west of the site, associated with a borehole at Troy Lake, West Hyde.	N
Source Protection Zones		The site is located within source protection zone II (outer protection zone). (Chalk)	N
Surface Water Features		The nearest surface water feature is listed as 252m north of the site, which appears to be associated with two small ponds.	N
Groundwater Flood Risk*		The south-eastern corner of the site is mapped as having a limited potential for groundwater flooding to occur.	Y
Surface Water Flood Risk*		The site is not shown within or adjacent to an area mapped as being at risk.	N
Marine / Fluvial Flood Risk*		The site is not shown within or adjacent to an area mapped as being at risk.	N
Reservoir Flood Risk*		The site is not shown within or adjacent to an area mapped as being at risk.	N
Discharge Consents		The nearest discharge consent is listed as 331m west of the site, as sewage discharge (pumping station – water company) to the Grand Union Canal.	N

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

The Gerrards Cross Gravel is mapped across the south-eastern most corner of the site which is recorded as a secondary A aquifer, with low groundwater vulnerability. This means there is a risk to the site from any potential mobile contaminants arising from either an onsite or an offsite source. Based on the previous ground investigation undertaken, only a thin layer (around 0.6m deep) of superficial deposits are present beneath the southern part of the site. Therefore, the site is considered to be located within a relatively low risk area in relation to controlled waters.

The London Clay formation generally has low permeability and is classified as unproductive strata.

The site is also located within source protection zone II (outer protection zone), which is assumed to relate to the deeper chalk bedrock. As there is a significant depth of impermeable clay beneath the site the proposed works are not considered to pose a significant risk.

In addition, the south-eastern most corner of the site is mapped within an area shown as having a limited potential for groundwater flooding to occur, which is the area mapped as being underlain by Gerrards Cross Gravels. The possible presence of permeable soils (sand & gravels) means there is the potential for an elevated groundwater table, although the previous borehole carried out at the site only identified pebbles and cobbles to 0.6m below current ground level which was underlain by low permeability London Clay and the trial pit towards the north of the site did not encounter any superficial deposits. A standing water level at 2.65m was noted.

Groundwater flow within the London Clay is likely to be dominated by fissure flow and in general, due to the predominately cohesive nature of this strata, groundwater flow through these soils is anticipated to be slow. Data for the London Clay Formation indicates that the horizontal permeability generally ranges between about 1×10^{-9} m/s and 1×10^{-14} m/s, with an even lower vertical permeability. Soakage testing undertaken within the London Clay soils, by CGS Civils (ref: CS/C1454), at 0.9m below current ground levels, saw the water drop 50mm in the first hour, after which the water level remained constant for a further two hours, demonstrating the low permeability of the underlying London Clay soils on the site. The overlying superficial soils will have higher and variable permeability values.

It is assumed the groundwater flow will follow the local topography, which in this instance slopes down towards the south-west. The slope at the site is estimated to be around 2-4 degrees. Given the relatively gentle slope at the site (and therefore likely low hydraulic gradient), and the likely low permeability of the London Clay Formation, there is considered to be a low risk of the proposed basement walls causing a 'damming' effect or mounding of water on the upstream faces. However, long-term monitoring from boreholes or standpipes is required to assess the full ground water regime and this has not been undertaken on the site.

6.7 Historical Ordnance Survey Maps

Copy extracts of historical Ordnance Survey plans dating from 1880 to 2021 were obtained and are presented in Appendix C. A summary of the salient features is presented below.

In brief the site is shown as part of fields/agricultural land until 1934 mapping where the site becomes occupied by an elongated rectangular building towards the north-western side of the site with a soft landscaping/grassed area to the south. There doesn't appear to be any significant changes to the building layout on site until current mapping (2021) which no longer show this building to be present on the site.

Similarly, the area surrounding the site is shown to have a generally agricultural land use, with a farm located around 190m north east. 1934 mapping show three further building to be constructed around the subject site, all of which are still present today.

In the 1934 mapping only there are allotment garden shown around 180m east of the site. Additionally, a disused chalk pit is indicated and no longer shown by 1974 mapping (potentially infilled).

6.8 Environmental Databases

Data Source	Distance (m)	Direction	Details	Possible Hazard to Site (Y/N)
Historical Industrial Land Use (within 500m of the site and listed as inactive)	392	E	Used car dealers.	N
	488	E	Dry Cleaners.	N
	489	E	Laundry and dry cleaning supplies.	N
	497	E	Blind, awnings and canopies.	N
Current Industrial Land Use	286	NE	Carpet, curtain and upholstery cleaners.	N
	424	N	Carpet, curtain and upholstery cleaners.	N
	469	SE	Commercial cleaning services.	N

Data Source	Distance (m)	Direction	Details	Possible Hazard to Site (Y/N)
(within 500m of the site and listed as active)	490	E	Dry Cleaners.	N
	497	E	Carpet and fabric proofing.	N
Current and Historical Landfills (within 250m)	199	S	BGS Recorded Landfill Site – Church Hill Tip	N
	209	S	Historical Landfill Site – deposited water including commercial and household waste between 1954-1974.	N
Potentially Infilled Land (within 250m)	219	S	Potentially infilled land (non-water) – unknown filled ground (pit, quarry etc.)	N
Fuel Sites	-	-	None listed within 500m of the site.	N
Pollution Incidents	-	-	None listed within 500m of the site.	N
IPPC/LAPPC Authorisations	-	-	None listed within 250m of the site.	N
Hazardous Substances Consents	-	-	None listed within 500m of the site.	N
Sensitive Land Uses (within 250m)	0	S	Area of adopted green belt	Y
	211	N	Area of adopted green belt	N
	0	S	Nitrate Vulnerable Zone	Y
	184	W	Site of special scientific interest	N

The groundwater flow direction is anticipated to be towards the south-west, therefore any potential mobile contamination sources to the south/west of the site are therefore considered a low contamination risk.

Due to their nature and distance, none of the above historic or current industrial land uses identified from the Envirocheck report are considered to pose a significant risk to the subject site.

Two recorded landfill site are listed within 250m of the site. Both records are considered to be from the same source, Church Hill Tip which is recorded to have deposited waste including commercial and household waste between 1954 and 1974. A further area of potentially infilled land is identified 219m south of the site which is understood to be Harefield Cement, Lime and Brick Works, recorded as ceased and is now an open field suggesting it has been infilled. As the site is located at a higher elevation than these sources there is not considered to be a risk of mobile contaminants migrating onto the site. Similarly, as these sources are located around 200m from the subject site and given the site is underlain by generally low permeability clay soils there is also not considered to be a credible pathway for the ground gases to migrate to the subject site. This is discussed further in section 6.10.

6.9 Planning Application History

A review of the London borough of Hillingdon planning portal has identified numerous planning applications for the subject site. These planning applications are summarised in the table below.

Application Number	Application Date	Proposal Details / Comments	Decision
12385/APP/2018/2770	30/07/2018	Installation of driveway (Part retrospective)	Refusal
12385/APP/2018/1199	27/03/2018	Installation of driveway	Refusal

Application Number	Application Date	Proposal Details / Comments	Decision
12385/APP/2017/3030	17/08/2017	Details pursuant to conditions 3 (Materials), 6 (Landscaping), 8 (Sustainable Water Management) and 9 (Levels) of planning permission Ref: 12385/APP/2016/2040 dated 10/10/2016 (Demolition of existing structure, currently used as a dwelling, and construction of a new four bed detached house)	Approval
12385/APP/2017/1554	28/04/2017	Details pursuant to conditions 2 (Proposed Colour) and 13 (Landscaping) of planning permission Ref: 12385/APP/2016/2040 dated 10/10/2016 (Demolition of existing structure, currently used as a dwelling, and construction of a new four bed detached house)	Refusal
12385/APP/2016/4631	22/12/2016	Details pursuant to condition 13 (Landscaping) of planning permission Ref: 12385/APP/2016/2040 dated 10/10/2016 (Demolition of existing structure, currently used as a dwelling, and construction of a new four bed detached house)	Approval
12385/APP/2016/2040	27/05/2016	Demolition of existing structure, currently used as a dwelling, and construction of a new four bed detached house	Approval
12385/APP/2015/859	09/03/2015	Three-bed, detached bungalow with detached double garage involving demolition of existing bungalow	Refusal

Plans of the recently demolished building (Old Orchard Lodge Cottage), contained within planning application 12385/APP/2016/2040, identify the previous building to have been a single storey residential property constructed with rendered concrete panels on the exterior. The 'existing floor plans' show a storeroom/workshop within the north-western edge and a garage attached to the north-eastern side of the building. The 'existing elevation plans' indicate the garage had asbestos cement cladding.

A 'Heritage, design and access statement' report by Roger Mears Architects in 2016 (also contained within 12385/APP/2016/2040) suggests the Old Orchard Lodge Cottage was built around the 1930s/1940s as a workshop/storage. It comprised a concrete framed centre section with a plastic roofed lean-to along the full length of the west side and a single garage to the east side. This report indicated the building was converted to its residential use in the late 1960s or 1970s. This report confirms that the garage had asbestos cladding but also indicates that there was also asbestos cement within the building fabric of the lean-to. From photographs of the site there appears to be some damage to the asbestos cladding on the garage prior to demolition.

Planning application 12385/APP/2016/4631 contains a 'demolition phase plan', dated December 2016, which outline the demolition, dismantling, asbestos removal and clearance works. This indicates a pre-demolition asbestos survey was carried out and identified non-notifiable asbestos and the plan for removal was for the asbestos cement sheets to be removed in whole form and double wrapped in polythene, and placed in the skip by hand and disposed of in a licensed facility. If the demolitions was carried out as suggested in the demolition phase plan the risk of encountering significant amount of asbestos within the soils across the site would be considered low.

Planning applications associated with neighbouring properties are generally for extensions/alterations to the existing properties and do not indicate any significant contaminative sources.

6.10 Ground Gas Risk

Two recorded landfill sites are listed within 250m of the site. Both records are considered to be from the same source, Church Hill Tip which is recorded to have deposited waste including commercial and household waste between 1954 and 1974. A further area of potentially infilled land is identified 219m south of the site which is understood to be Harefield Cement, Lime and Brick Works, recorded as ceased and is now an open field suggesting it has been infilled. Historic OS mapping from 1934 show a disused chalk pit which is no longer shown by 1968 mapping.

Due to the distance of the sources (around 200m) from the site and given the site is underlain by generally low permeability soils there is not considered to be a credible pathway for the ground gases to migrate to the subject site.

Therefore the risk from ground gases is considered negligible and is not considered further.

6.11 UXO Risk Management

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

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

The agreed scope of work did not allow for either a preliminary or detailed UXO risk assessment.

Reference has been made to the Bombsight website (London WW2 bomb census between 7/10/1940 and 06/06/1941) which indicates a high explosive bomb recorded near Jacks Lane, around 280m north west of the site.

According to the Zetica UXO risk mapping (<https://zeticauxo.com/downloads-and-resources/risk-maps/>, accessed 19/01/2022) the site is indicated to be located within a low risk area.

The maps have been reviewed for information purposes only and should not be perceived as part of a preliminary or detailed UXO risk assessment.

7 Site Walkover Survey

A site walkover was carried out on 10th January 2022.

7.1 General Site Description and Boundaries

The site is accessed by a shared driveway to the north and is bounded by Heras fencing to the north and west, wooden panel fencing to the south and a raised bank to the east.

A majority of the site is covered with hard standing understood to be the floor slab of the former building onsite, surrounded by soft landscaping which is overgrown with shrubs, grasses and some small trees. Some areas were used for storage of building materials such as blocks, cement and sand.

There are two wooden sheds in the south-western corner of the site, one of which was used for storage a general household goods, the other was inaccessible at the time of the walkover. In the south-eastern corner were partially built walls of a proposed outbuilding.

To the north of the site is a single-storey residential property of Old Orchard Lodge and associated garage and outbuildings. The garden of this property bounds the site to the west. The Old Orchard Public house bounds the site to the south and agricultural field, used for grazing animals, bounds the site to the east.

Adjacent to the north east of the site is an area of partially excavated land, which within the banks you could see soils comprising gravelly clay.

7.2 Topography and Drainage

The site itself is on generally flat and level land, but the surrounding land generally slopes down to the west, towards the canal. From the northern site boundary, the entry driveway slopes down past the Old Orchard Lodge towards the land, with an approximate change in height of around 2m. The adjacent fields to the north are situated around 1-2m higher than the subject site.

7.3 Vegetation

The areas surrounding the former building floor slab is generally overgrown with rough grasses and shrubs. There are a few small trees, including apple and hawthorn, within the site boundary, particularly to the south and east.

Further trees are located within the garden of Old Orchard Lodge and an oak tree is located adjacent to the northern boundary.

7.4 Buildings and Land Use on Site and Nearby

To the north of the site, approximately 10m from the site boundary, is a single-storey residential dwelling (Old Orchard Lodge). A garage, associated with this property, is located adjacent to the northern site boundary.

Approximately 5m south of the southern boundary is The Old Orchard public house, a two to three-storey property with associated car park.

The neighbouring properties do not show any obvious signs of damage which could be associated with poor ground conditions.

7.5 Inaccessible Site Areas

All parts of the subject site were accessible apart from one of the wooden sheds to the south-western corner.

7.6 Site Photographs

A series of photographs showing the site are included in Appendix B.

8 Underground Infrastructure

No underground infrastructure, such as tunnels, are known to be located within 50m of the site.

8.1 Existing Basements

The neighbouring residential property (Old Orchard Lodge) does not appear to have a lower ground floor level.

The Old Orchard public house may have an existing lower ground floor level as there are wooden doors within the brick retaining wall to the front of the property.

8.2 Transport, Utilities and Other Infrastructure

The nearest public highway is a small lane located around 30m north of the subject site.

From the 'Foul & SuDS Drainage Assessment' by GTA Civils and Transport, there is understood that there is one 100mm vitrified clay foul water line existing at the site which flows into a shared sewer system with the neighbouring Old Orchard Lodge. A manhole cover was noted along the northern boundary.

During the walkover a metal pipe with tap, connecting to a hose, was noted to the east of the existing slab.

An electrical box was also seen on the eastern site boundary, along with a lamp post.

C PRELIMINARY SITE MODELS

9 Conceptual Engineering Geological Ground Model

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

Data Source	Comments
Geology	<p>The mapped soils indicate no superficial soils mapped across the majority of the site but Gerrards Cross Gravels mapped across in the very south-easternmost corner. The bedrock is mapped as London Clay Formation, with Lambeth Group mapped nearby to the north-west of the site.</p> <p>The recorded soils from a borehole on site, located just south of the former building, consisted London Clay, with a superficial covering of gravel/cobbles (possibly Gerrads Cross Gravels) to around 0.6m depth. A trial pit located in the northern third of the site indicated loamy clay (topsoil) to 0.1m over London Clay.</p> <p>The previous Geotechnical Survey Report by Fastrack recommended a bearing capacity of 150kN/m² between 1.0-2.0m bgl, increasing to 300 kN/m² at 5m depth. Atterberg Limit testing undertaken on the soils indicated soil of high to very high plasticity (Plasticity Index of 30-43%) and a NHBC medium to high volume change potential. The designer should be aware that precautions regarding swelling and shrinkage are applicable, and in this respect NHBC precautions provide a helpful guide with respect to minimum foundation depths and deepening particularly within the zone of influence of trees.</p>
Former Site Use	<p>The site was previously part of an agricultural field before being developed with a single storey workshop/storage unit in the 1930s, which was converted to residential use in the latest 1960s or 1970s. This property has been demolished in more recent years.</p> <p>As there has been previous development on site, shallow Made Ground soils are likely to be encountered.</p> <p>Subsurface obstructions could be encountered in the form of old foundations, drain runs etc. accordingly, allowances should be made for their removal/breaking out when carrying out excavations.</p>
Groundwater	<p>The superficial Gerrard Cross Gravel, mapped across the south-eastern corner of the site only, are classified as a Secondary A aquifer, the London Clay bedrock is classified as underproductive strata.</p> <p>The site is located within source protection zone II (outer protection zone).</p> <p>From the previous site investigation the standing water level was recorded at 2.65m below ground level on completion of the borehole, therefore the proposed basement will intersect the groundwater table. No long term monitoring has been undertaken.</p> <p>Inflows of groundwater into excavations should be anticipated. Due to the predominately cohesive nature of this strata, groundwater flow through these soils is anticipated to be slow. The overlying Made Ground will have higher and variable permeability values. These seepages should be managed with simple pumping methods.</p>
Surface Water	<p>There is considered to be a very low risk from surface water flooding.</p> <p>It is understood that surface water drainage for the previous building was via an existing foul water line. It is understood the existing utilities on site shall be re-used.</p>

Data Source	Comments
Potential Geo-hazards	<p>The Made Ground and gravel materials will be prone to instability in open excavations, particularly during wet weather or where seepages are encountered.</p> <p>Shrinkable clay soils were encountered beneath the site and are subject to changes in volume as their moisture content is altered. Soil moisture contents vary from season to season and can be influenced by a number of factors including the action of roots. The resulting shrinkage or swelling of the soil can cause subsidence or heave damage to foundations, the structures they support and services. Hence foundation deepening particularly within the zone of influence of trees may be required.</p>
Basement Construction	<p>Based on the very limited intrusive investigation undertaken by others, it is considered that the proposed basement retaining walls could be utilised to support structural loads. Bored pile retaining walls, would be considered suitable for use on this site. If an impermeable cut-off is required, a secant bored pile wall is recommended. The presence of groundwater should be considered in the design of any temporary and permanent retaining systems.</p> <p>The effects of hydrostatic uplift should be considered in the design of the basement. The basement will need to be fully tanked.</p> <p>Consideration should be given to potential ground movements arising from the installation of new retaining walls. It is recommended that robust structural propping should be installed at both the top and base of the excavation at an early stage to help reduce potential movements due to deflection of the retaining walls during excavation of the soils to form the basement. Propping would be required in both the temporary and permanent conditions. Consideration could be given to a top-down construction system.</p> <p>Due to the stress relief following the removal of the soils to form the basement, both immediate (undrained) and long-term (undrained) heave displacement can be expected to occur in the underlying soils. These will be partially mitigated by the new concrete slab and basement structural loads.</p> <p>The immediate (undrained) heave displacement will occur during excavation of the basement, and before the construction of basement elements (e.g. slabs). Only the long-term (drained) heave displacements will need to be catered for in design to overcome the problem of uplift pressures. This is generally overcome by installing appropriate void forming materials beneath the basement elements.</p> <p>Uplift pressures are anticipated to be in the order of about 70-80 kPa based on the soils properties from Fastrack Group's. A detailed assessment of soil displacements is beyond the scope of this report.</p>

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

10 Conceptual Site Model

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

10.1 Potential Sources of Contamination

The site has a history of agricultural and residential land use and is located within an agricultural area.

A few potentially contaminative uses have been identified, both on site and in the locality.

10.1.1 On-Site Sources

Potential Source	Potential Contaminants
Made Ground from previous development and demolition	Heavy metals, asbestos, petroleum hydrocarbons, PAH compounds, VOC, SVOCs.
Asbestos within fabric of former building.	Asbestos containing materials.
Possible historic agricultural land use	Pesticides.

Any imported materials (Made Ground), used in the construction (including floor/sub-base), could include a range of general contaminants such as metals, PAH's and asbestos. Similarly, Made Ground soils may be encountered across the site from the demolition of the former building on site. The previous borehole undertaken on site identified shallow Made Ground up to 0.3m depth. No Made Ground was identified in the trial pit undertaken on the northern third of the site. The risk from this source is considered low.

Previous site reports indicate the presence of asbestos within the fabric of the former building. A 'demolition phase plan', dated December 2016, outlined the demolition, dismantling, asbestos removal and clearance works. If the demolitions was carried out as suggested in the demolition phase plan the risk of encountering asbestos within the soils across the site would be considered low. However, it is also our experience that asbestos containing materials are quite often encountered in buried pockets and beneath slabs (sometimes adhering to the concrete) on older sites.

As the site was historically agricultural land it is possible that pesticides were used on the site. However, the former building is understood to be constructed in the 1930s which means there has not been any significant agricultural land use for 80-90 years. Therefore the risk from this source is considered negligible.

10.1.2 Off-Site Sources

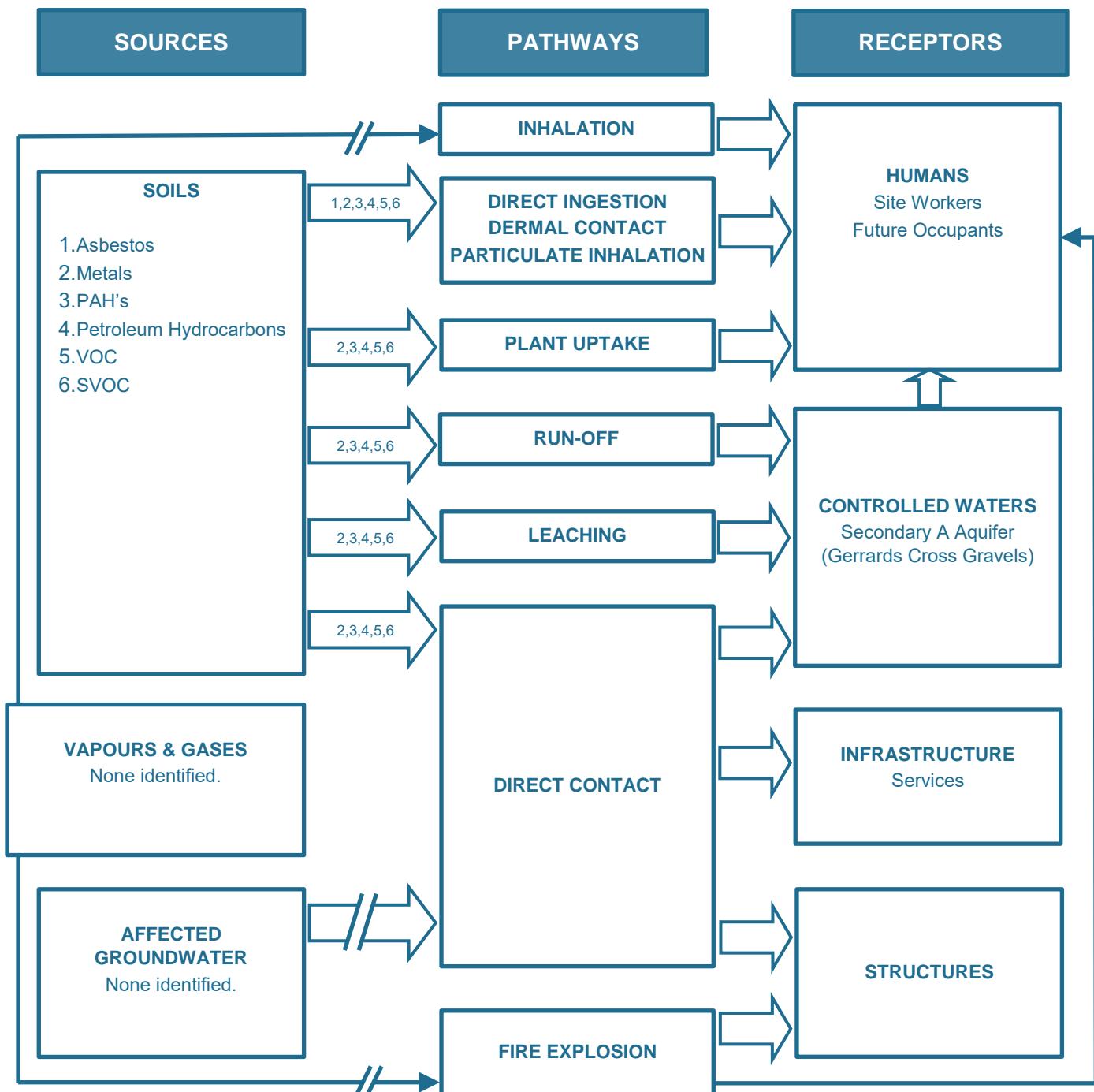
The site may be impacted by contamination migrating from beyond the site boundary. The following potential off-site sources have been identified.

Potential Source	Distance from Site Boundary	Direction	Potential Contaminants	Likely hazard to Site
Agricultural land use	0	E	Pesticides	Negligible

From the earliest OS historic mapping the surrounding area appears to have been used for agricultural land associated with a local farm, therefore it is possible that pesticides were used. From historic aerial photography dated 1947, the fields to the east, which are of a higher elevation to the subject site, appear to be grassed and 1999 photography shows animals grazing. Similar during the walkover the field to the east was noted to have been used for grazing livestock. As it seems that the fields adjacent to the site were not used for arable farming it is unlikely that significant amounts of pesticides would have been used on the land, therefore the risk from this source is considered negligible.

10.2 Pollutant Linkages and Conceptual Site Model Summary

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



// Denotes potential pollutant linkage not complete.

11 Conclusions and Recommendations

The site is currently a vacant plot of land, following the recent demolition of the former residential property. It is proposed to construct a new two-storey detached dwelling with habitable basement space and associated parking and private garden.

A desk study was carried out which indicates the site was historically agricultural land before the construction of a building, in the 1930s, which is understood to be used as a workshop or for storage. In the 1960/70s this building was converted to a residential house, before being demolished in recent years.

A borehole previously carried out on the site encountered Made Ground to 0.3m over clayey flint pebbles and cobbles to 0.6m (possible Gerrards Cross Gravels), over stiff silty clay (London Clay). Groundwater was noted at 2.65m on completion of the borehole. A further trial pit, excavated to 0.9m for soakage testing, indicated organic loamy soils to 0.1m over stiff clay.

Based on the results of the desk study and walkover survey the risk to the proposed development from onsite sources, such as Made Ground and asbestos from the previous development and demolition, is considered low. The risk from offsite sources is considered negligible.

In order to confirm the assessed risks in this desk study, a Phase II intrusive investigation would need to be completed. Such an investigation should include sampling and testing of any Made Ground, topsoil and underlying natural soils, particularly within proposed areas of soft landscaping. The chemical analysis should assess the Conceptual Model presented within, and confirm whether there is a need for any remedial works or additional assessment.

As with any site, areas of contamination not identified during this desk study may come to light in the course of redevelopment. Accordingly, a discovery strategy must be in place during the redevelopment to ensure that any hitherto unknown contamination is identified and dealt with in an appropriate manner. Depending on the nature of any such contamination, it may prove necessary to reassess the remedial strategy for the site.

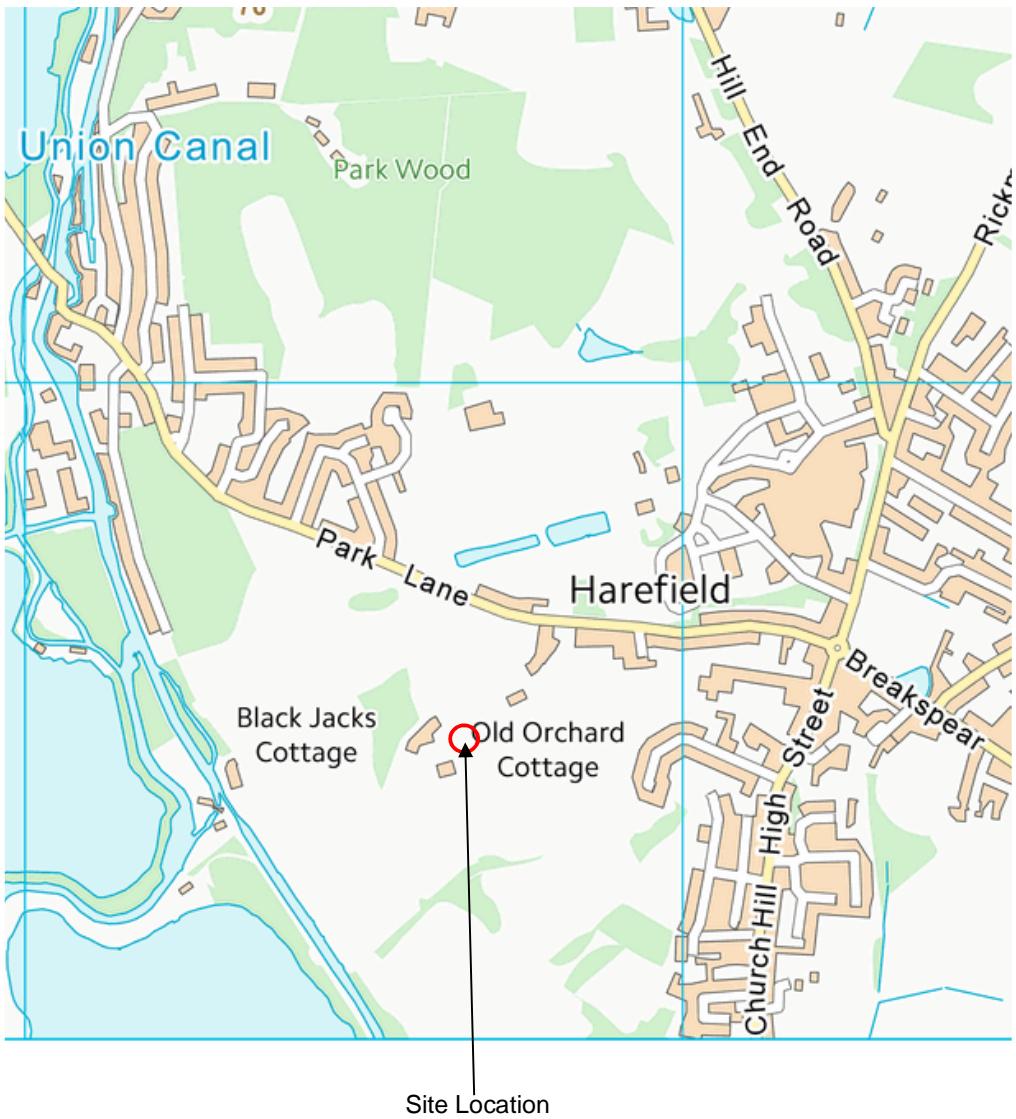
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APPENDIX A

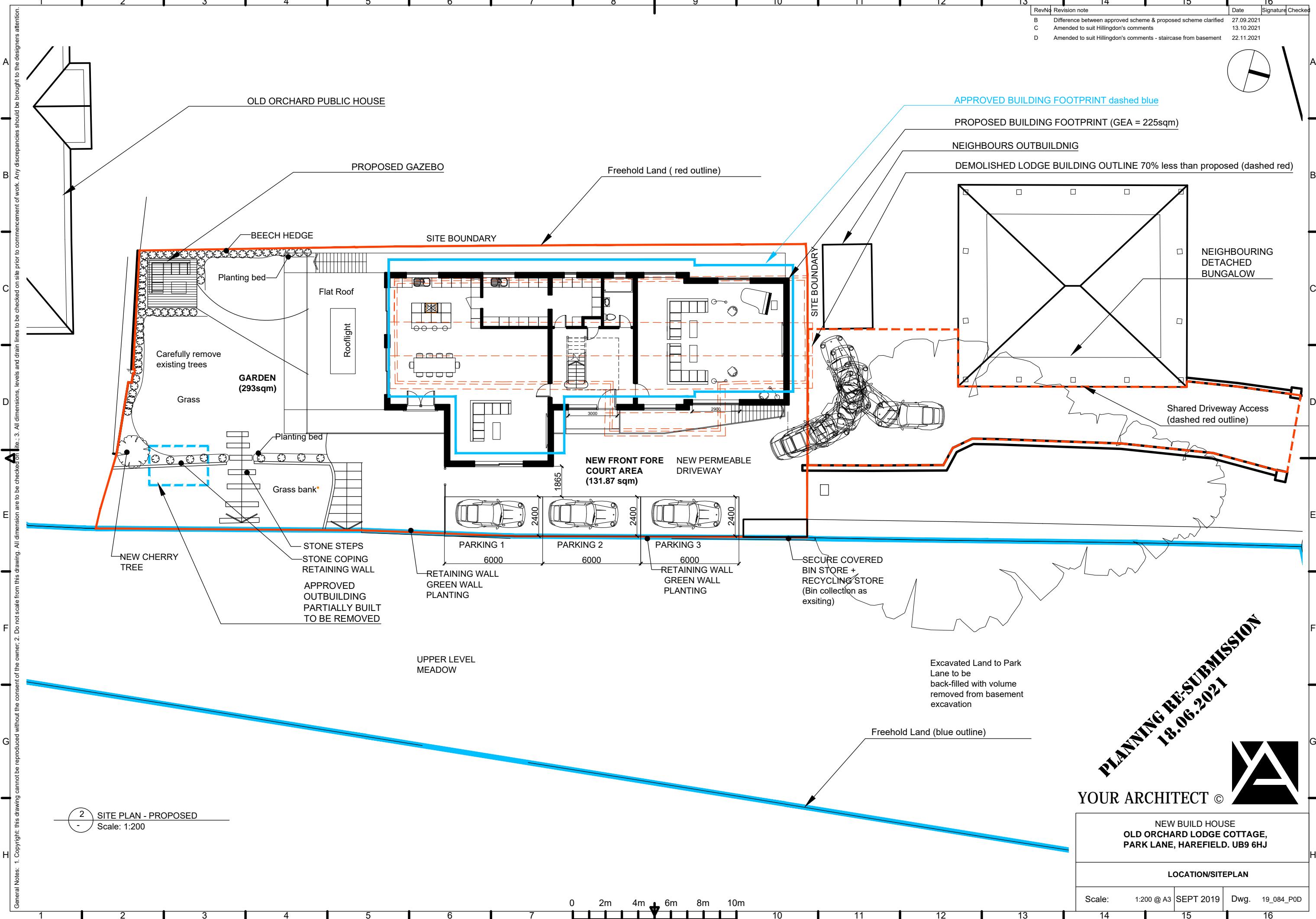
Site Plans





Contains Ordnance Survey Data © Crown Copyright and Database Right 2022.

Site:	Old Orchard Lodge Cottage, Harefield	Project ID	J15005
Figure 1	Site Location Plan	Date:	01/02/2022



APPENDIX B

Photographs



3



Shared driveway leading up to site.

Northern boundary of the site, looking south from shared driveway.



Overview of site, looking south-west

Overview of site, looking south.



Southern half of site, looking south.

Northern half of site, looking north.



South-western site boundary, looking south-west.



South-western site boundary, looking north-west.



South-western corner of the site, looking south.



Storage inside accessible shed.



South-eastern corner of the site, looking south-east.



South-easternmost corner of the site, looking south-east.



Overview of the site from south-eastern corner, looking north-west.



Overview of the site from south-eastern corner, looking north-west.



Example of materials stored on site.



Example of materials stored on site.



North-western corner of site, looking west



North east of site, looking north-east.



Partially excavated area adjacent to north-eastern boundary.	Example of soils within bank adjacent to site.
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APPENDIX C

Phase 1 Desk Study – Historical Mapping

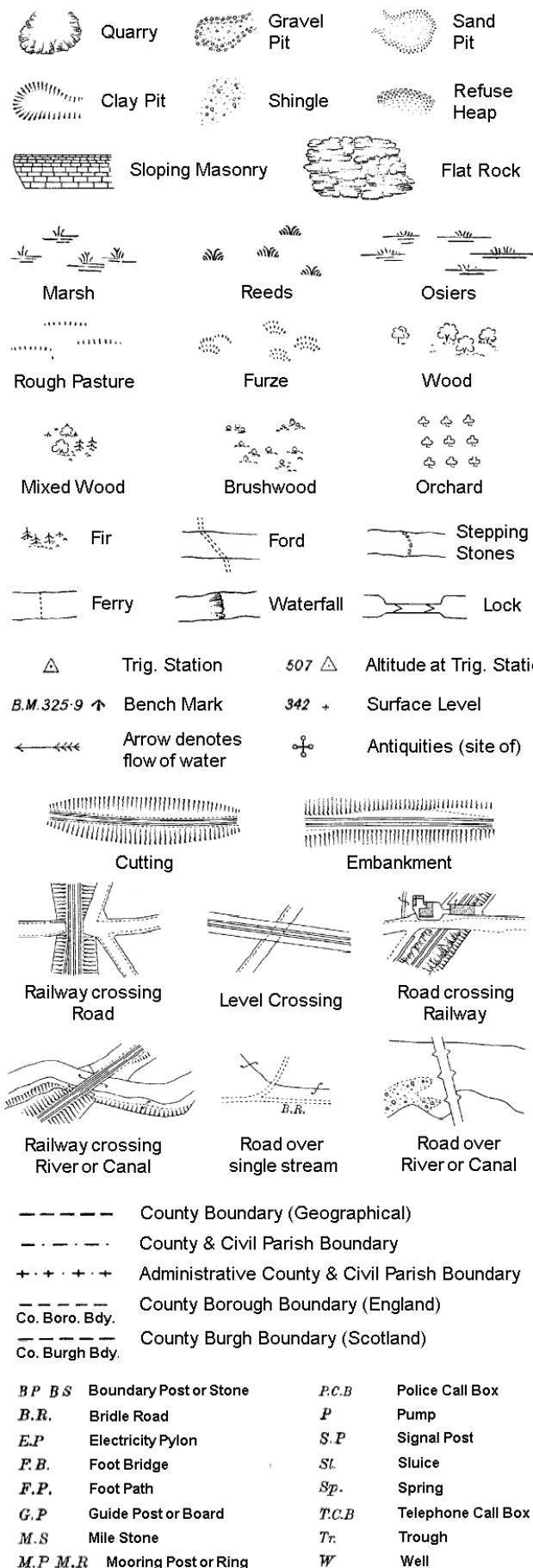


Historical Ordnance Survey Map Interpretation				
Date	Scale	Features On Site	Features Off Site	Significant Potential Contamination Sources
1880	1:2500	Site is shown as vacant land, part of a field.	<p>Area surrounding the site is generally agricultural land/fields with tress along the field boundaries and occasional wooded areas/orchards.</p> <p>'Gunnings Farm' located around 190m north east of the site.</p> <p>Canal located around 300m south-west of the site.</p>	Pesticides
1896	1:2500	No significant changes.	'Gunnings Farm' now called 'Colney Farm.'	Pesticides
1899	1:2500	No significant changes.	No significant changes.	
1914	1:2500	No significant changes.	No significant changes.	
1934	1:2500	An elongated rectangular building is shown across the western half of the site (Old Orchard Lodge Cottage).	<p>Some development around the near vicinity of the site. Small square buildings to the north and north-west. A further building to the south.</p> <p>A disused chalk pit shown around 200m south.</p> <p>Allotment gardens located around 180m east.</p>	Made Ground from development
1960	1:2500	No significant changes.	Allotment gardens no longer shown.	
1968	1:2500	No significant changes.	Disused chalk pit potentially infilled	Potentially infilled land.
1974	1:2500	No significant changes.	No significant changes.	
1990	1:2500	No significant changes.	No significant changes.	
1992	1:2500	No significant changes.	No significant changes.	
1993	1:2500	No significant changes.	No significant changes.	
1999	1:2500	Aerial Photo. Shows building across the site with a grassed area/landscaped area to the south of the building.	Aerial Photo. Area surrounding site shown as green fields. Animals appear to be grazing in field to north-east of the site.	Agricultural land use.
2006	1:10000	No significant changes.	No significant changes.	
2021	1:10000	Building no longer shown. Site is shown as vacant land.	No significant changes.	Made Ground from demolition of building.

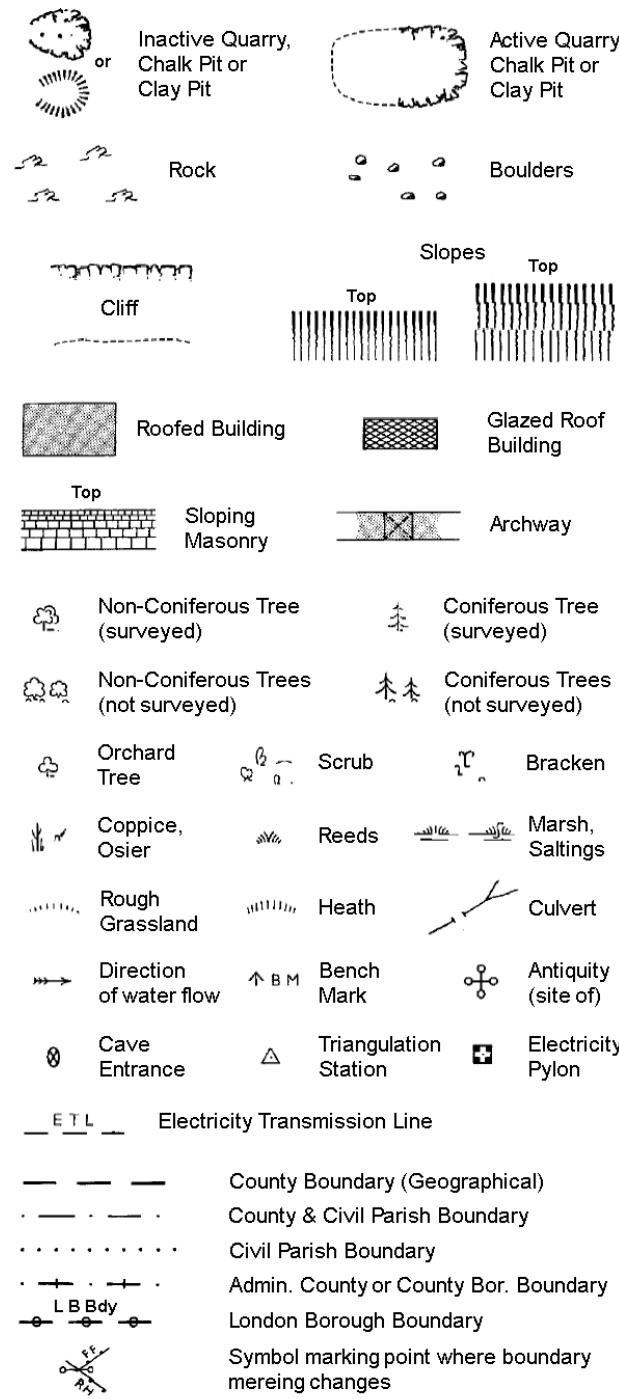
NOTE: Additional maps at 1:10,560 and 1:10000 scale of similar age have been obtained. These maps are appended but do not provide much additional information.

Historical Mapping Legends

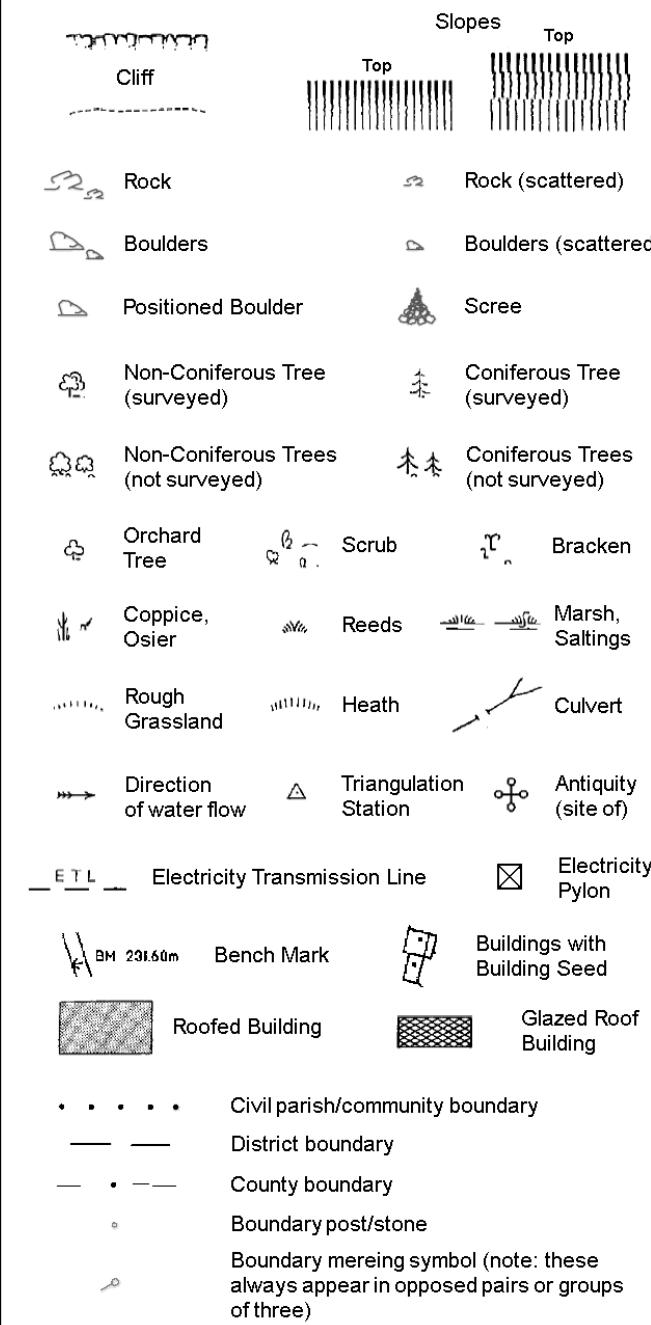
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



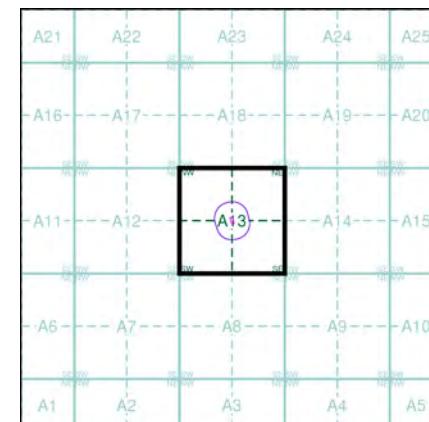
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hertfordshire	1:2,500	1872	2
Buckinghamshire	1:2,500	1876	3
Middlesex	1:2,500	1880	4
Middlesex	1:2,500	1896	5
Hertfordshire	1:2,500	1899	6
Buckinghamshire	1:2,500	1899	7
Hertfordshire	1:2,500	1914	8
Hertfordshire	1:2,500	1934	9
Buckinghamshire	1:2,500	1938	10
Ordnance Survey Plan	1:2,500	1960	11
Ordnance Survey Plan	1:2,500	1968	12
Supply of Unpublished Survey Information	1:2,500	1974	13
Additional SIMs	1:2,500	1990	14
Large-Scale National Grid Data	1:2,500	1992	15
Large-Scale National Grid Data	1:2,500	1992	16
Large-Scale National Grid Data	1:2,500	1993	17
Historical Aerial Photography	1:2,500	1999	18

Historical Map - Segment A13



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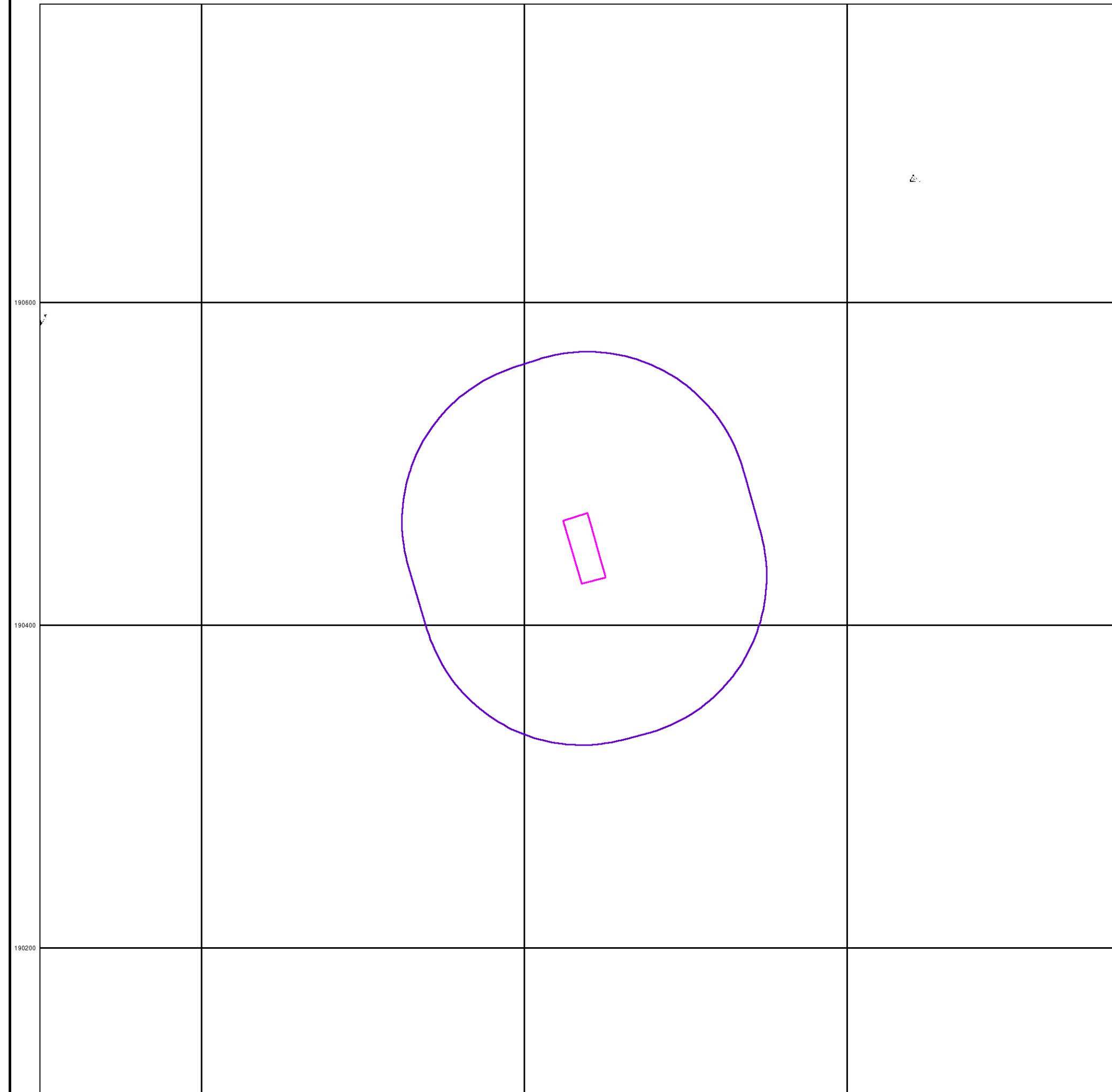
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Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ

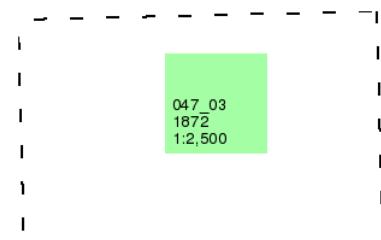
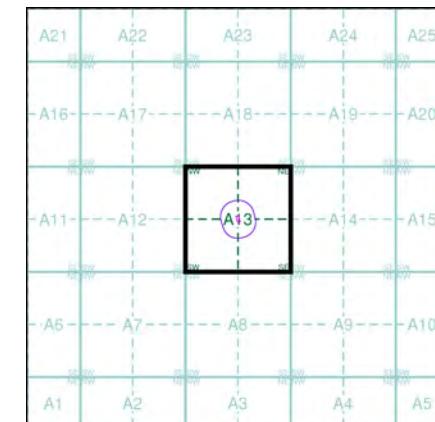
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Hertfordshire
Published 1872
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Map Name(s) and Date(s)

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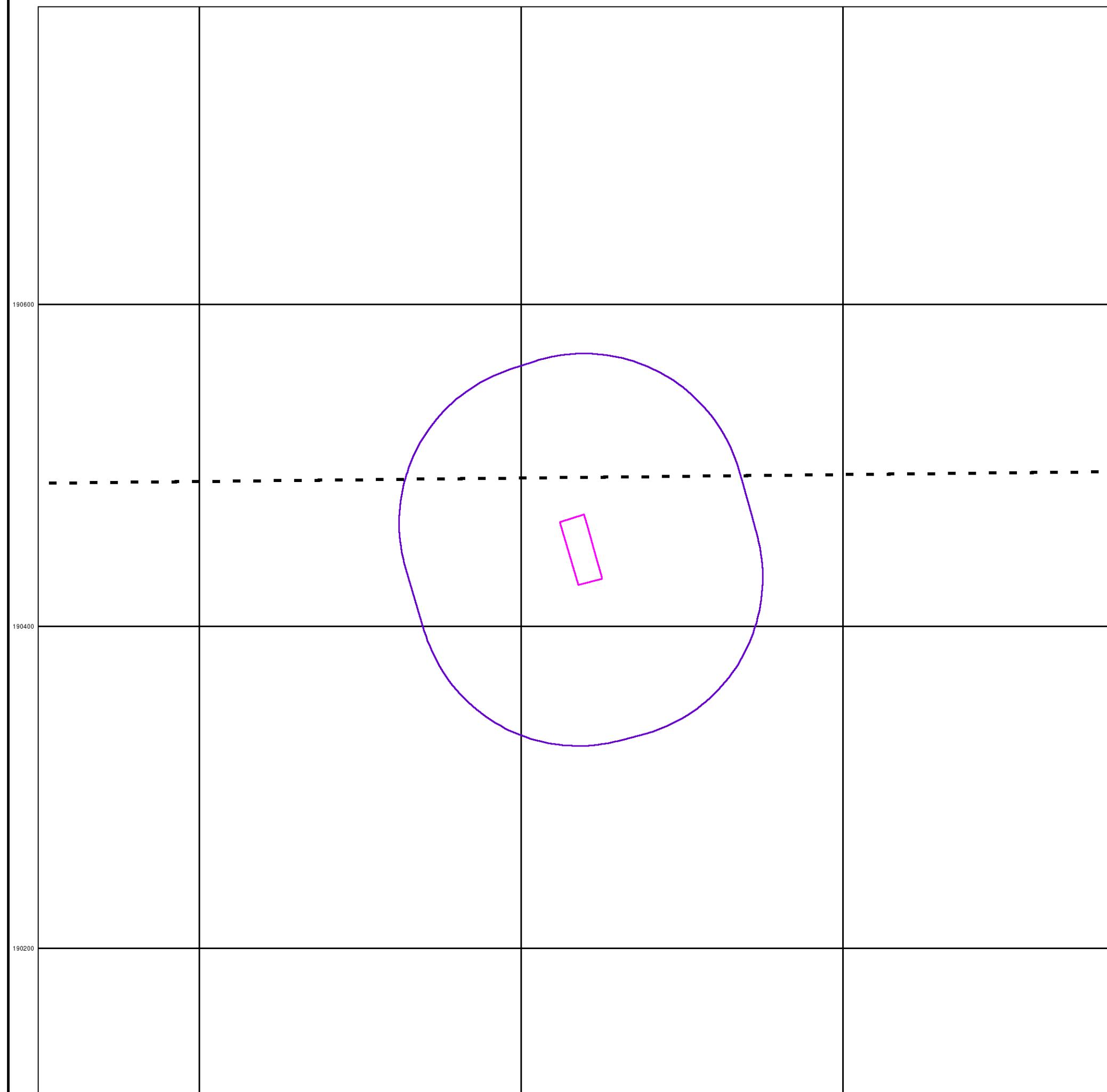
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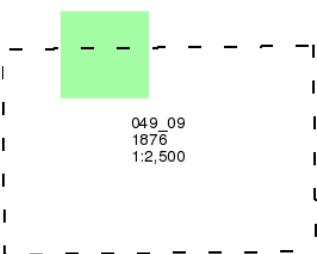
Buckinghamshire

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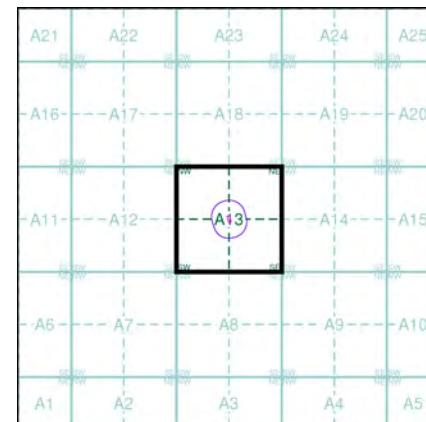
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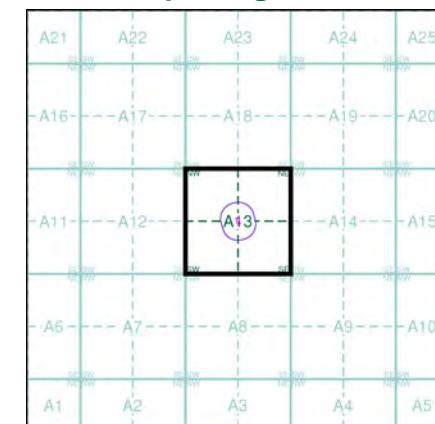
Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ

Middlesex
Published 1880
Source map scale - 1:2,500

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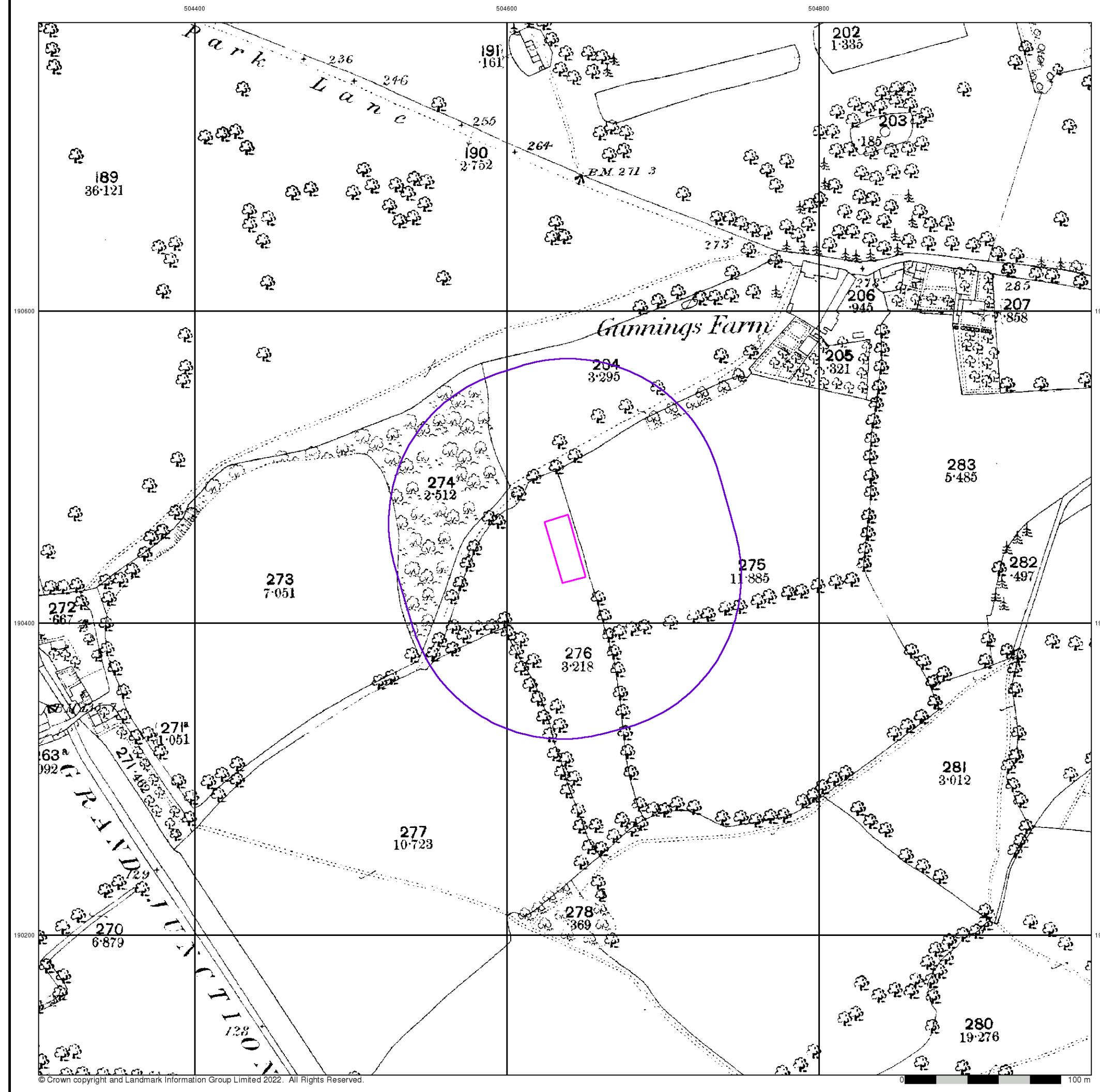
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Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ

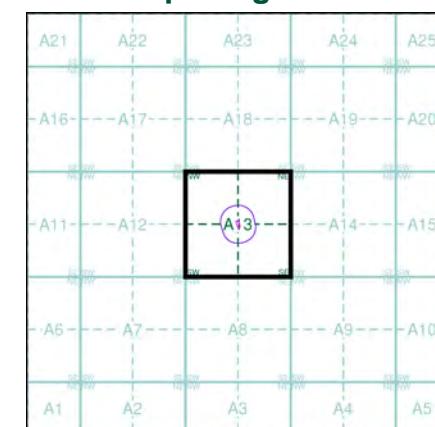


Middlesex
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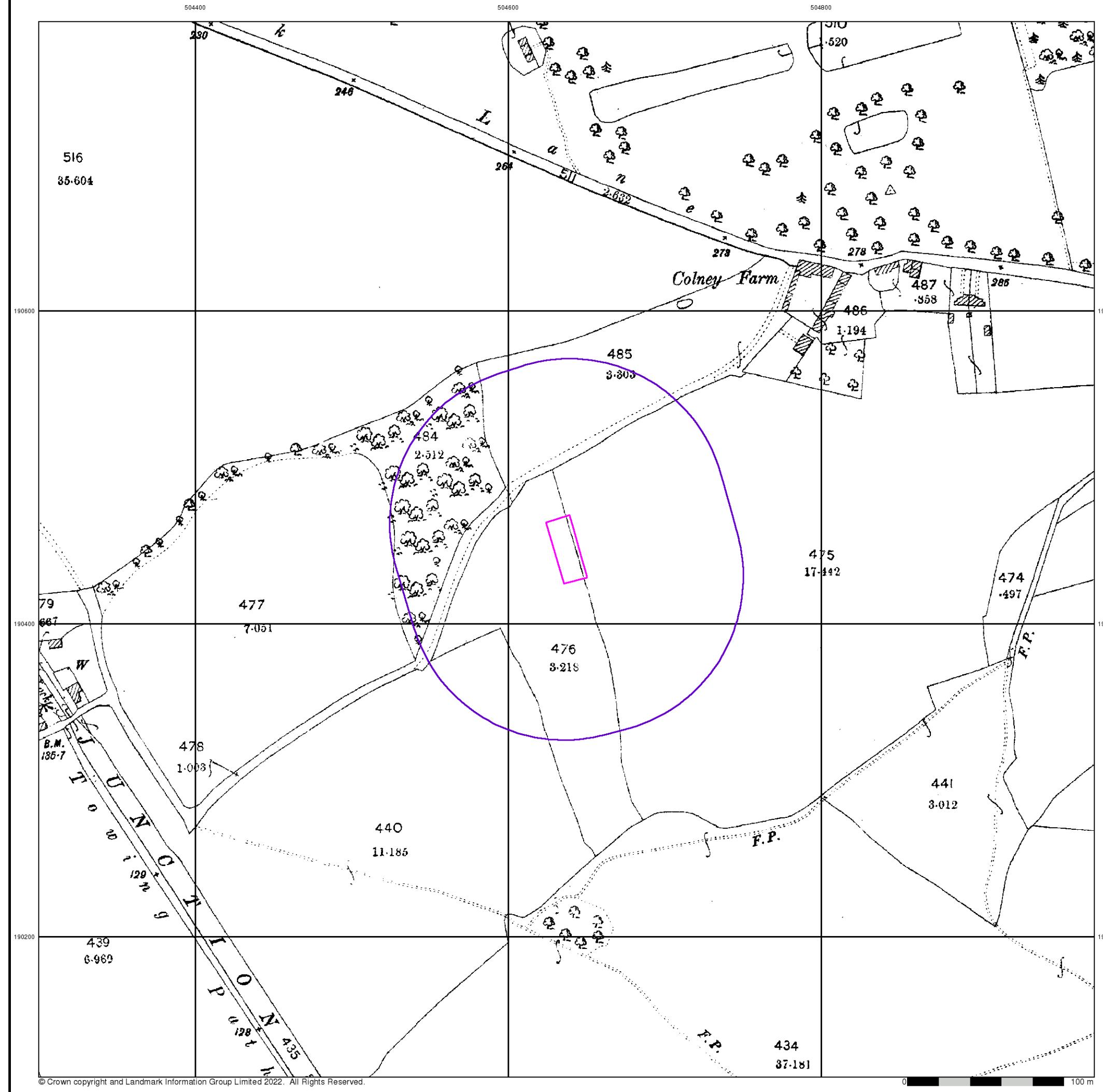
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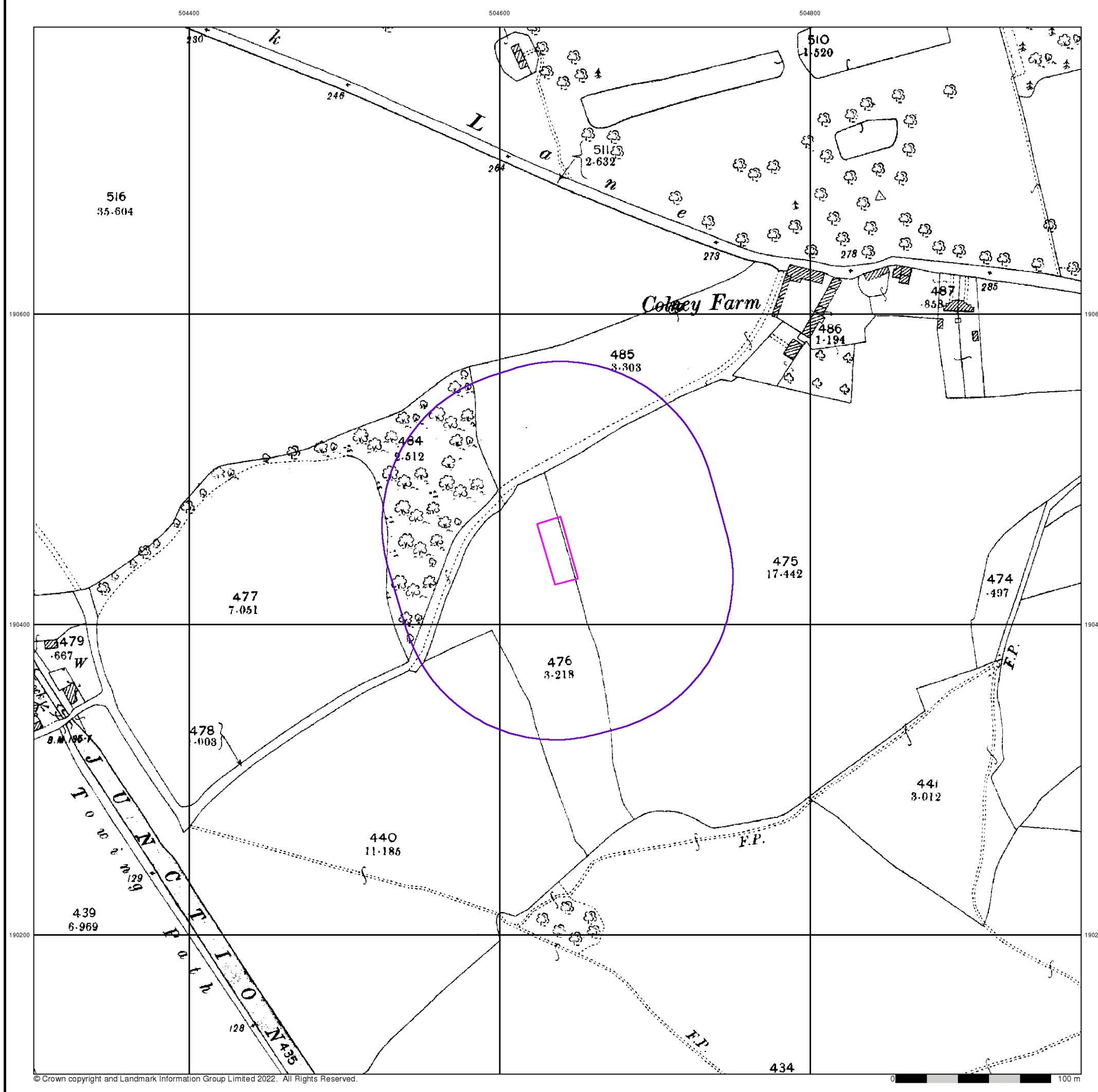
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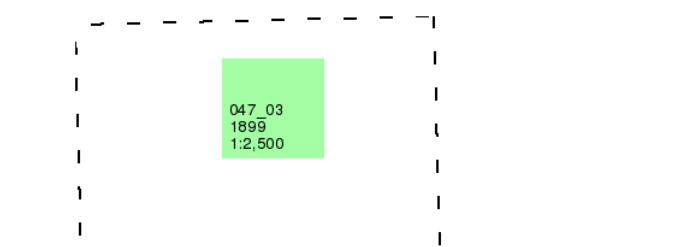
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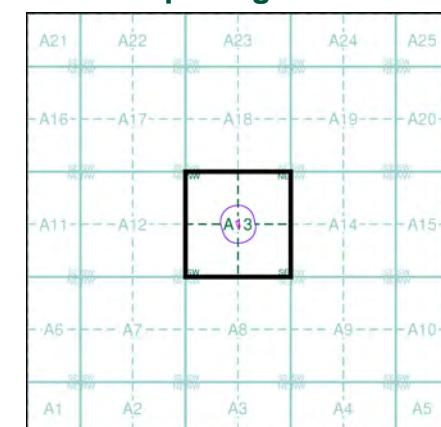
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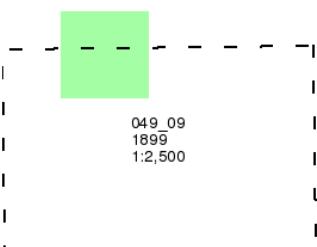
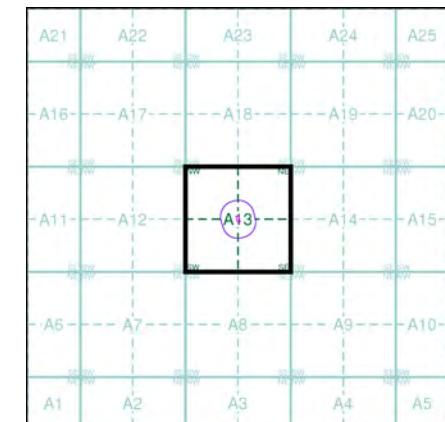
Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ



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Web: www.envirocheck.co.uk

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Source map scale - 1:2,500

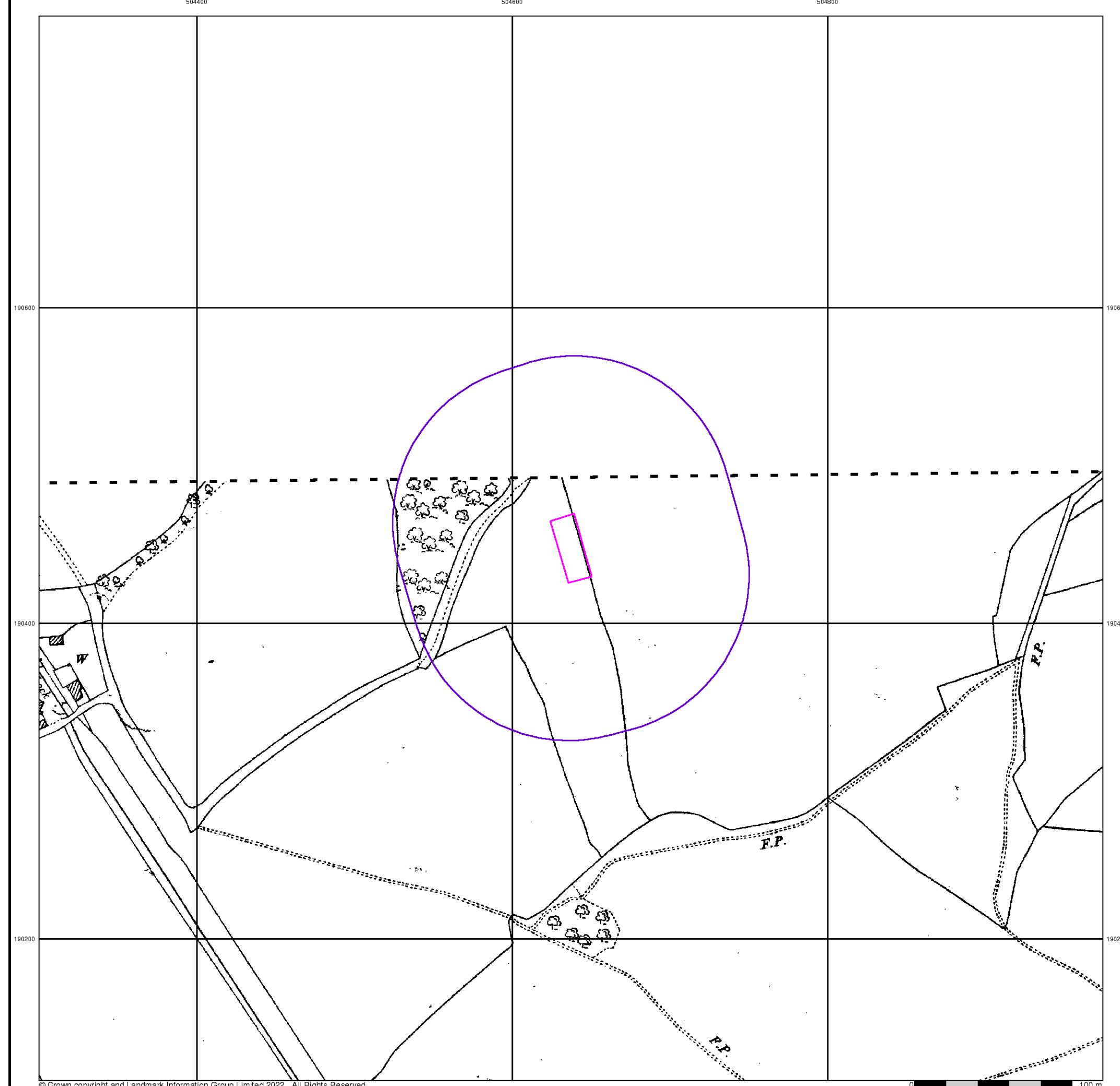
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

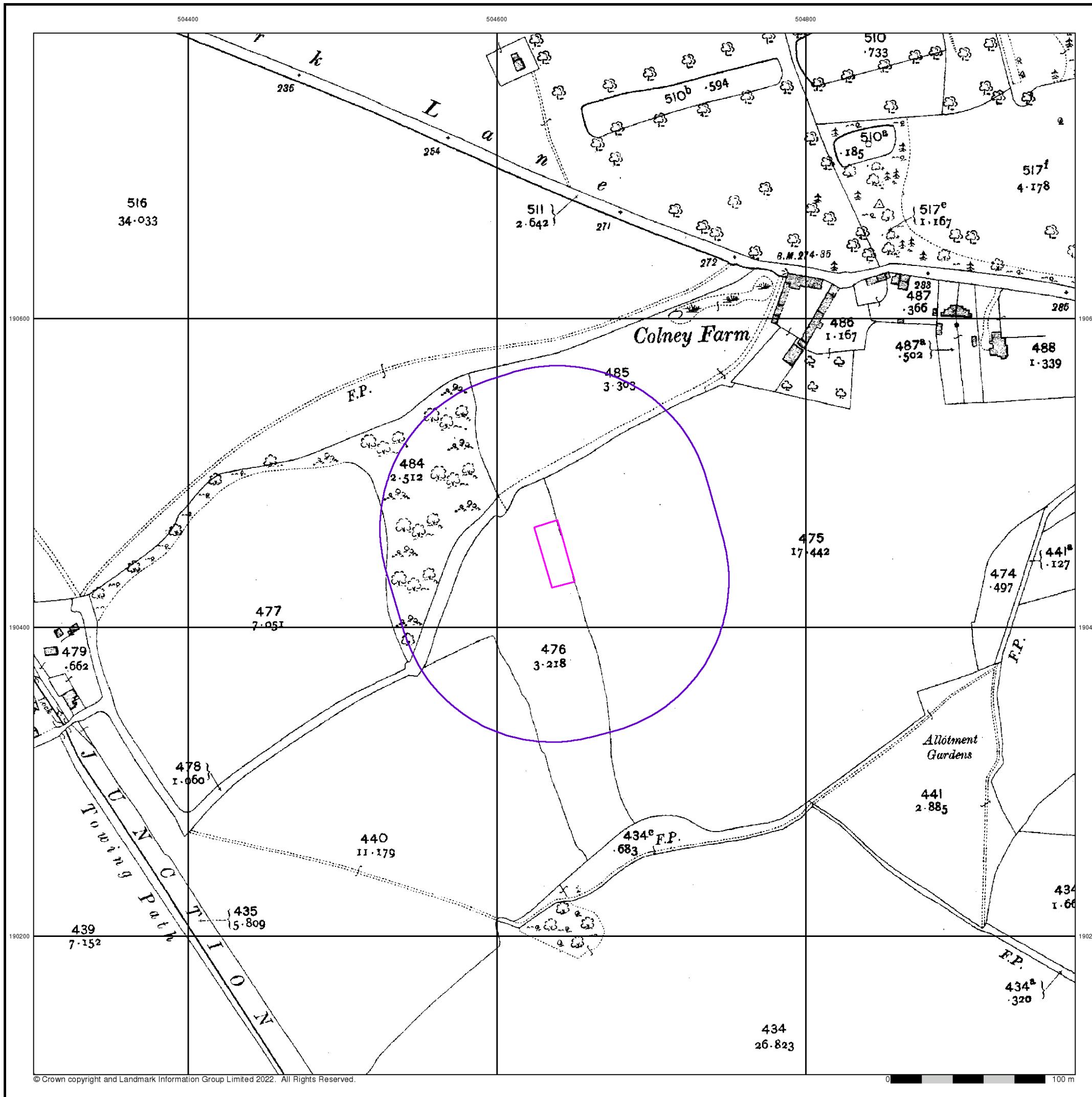
Map Name(s) and Date(s)

Historical Map - Segment A13

Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ





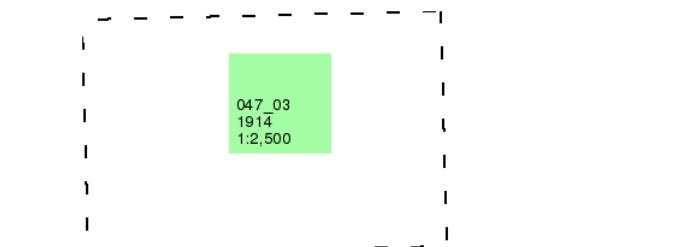
Hertfordshire

Published 1914

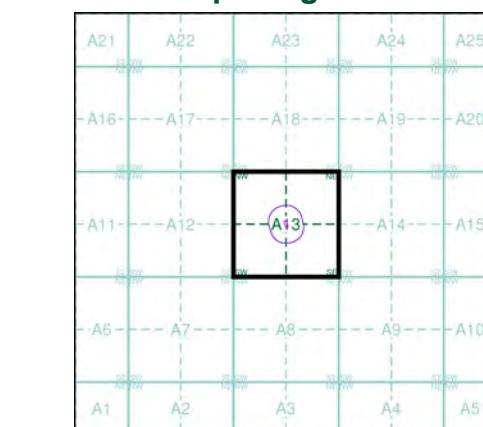
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Site Details
Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ



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

Hertfordshire

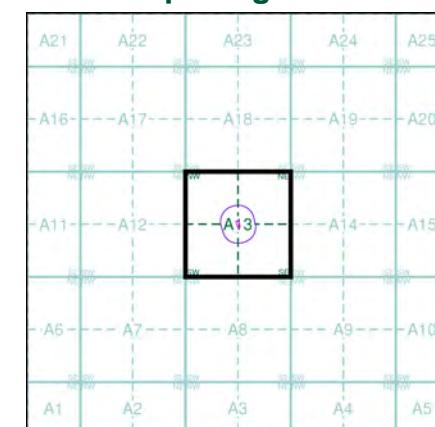
Published 1934

Source map scale - 1:2,500

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

Map Name(s) and Date(s)

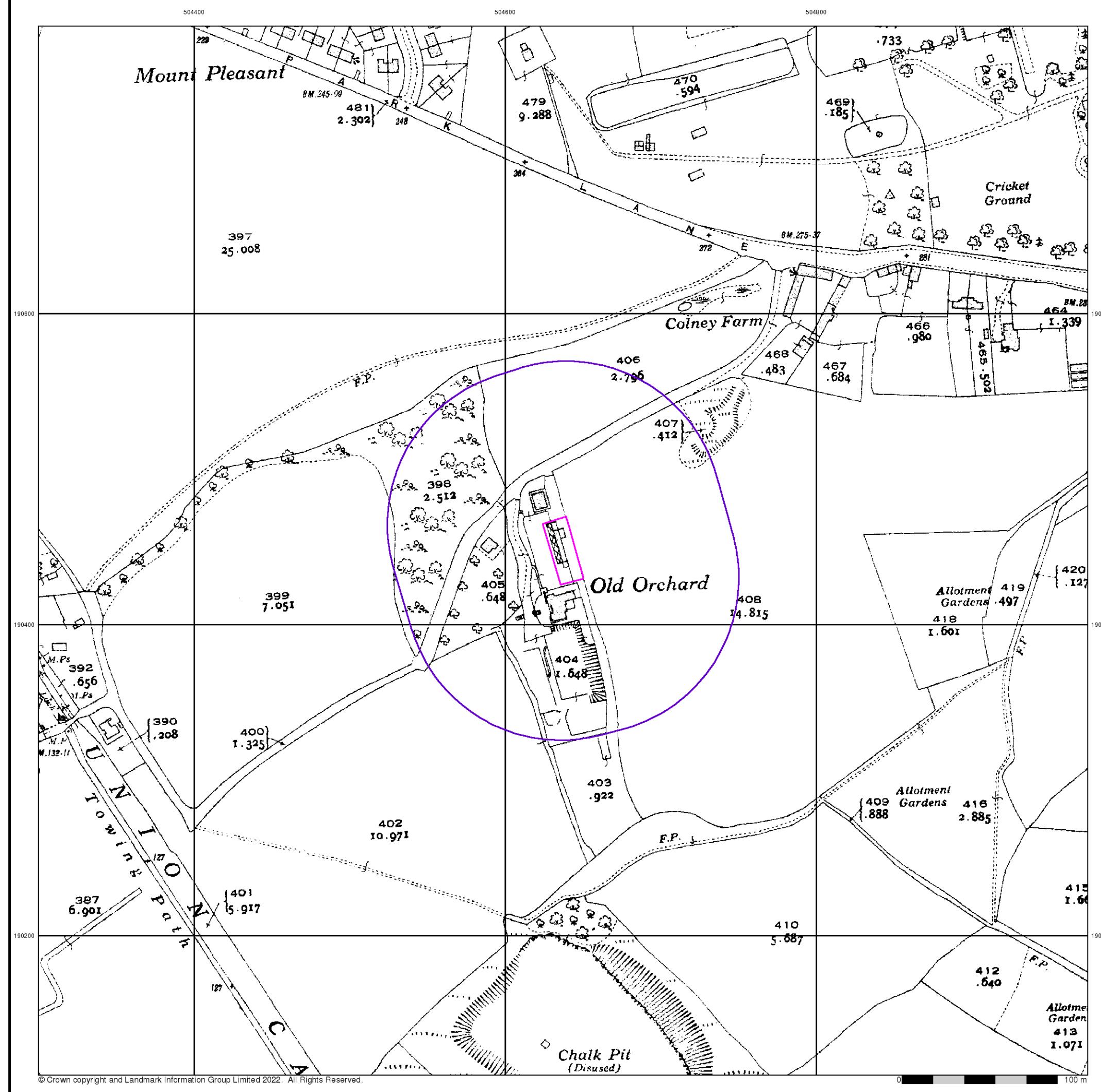
 047_03
 1934
 1:2,500

Historical Map - Segment A13

Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 100

Site Details

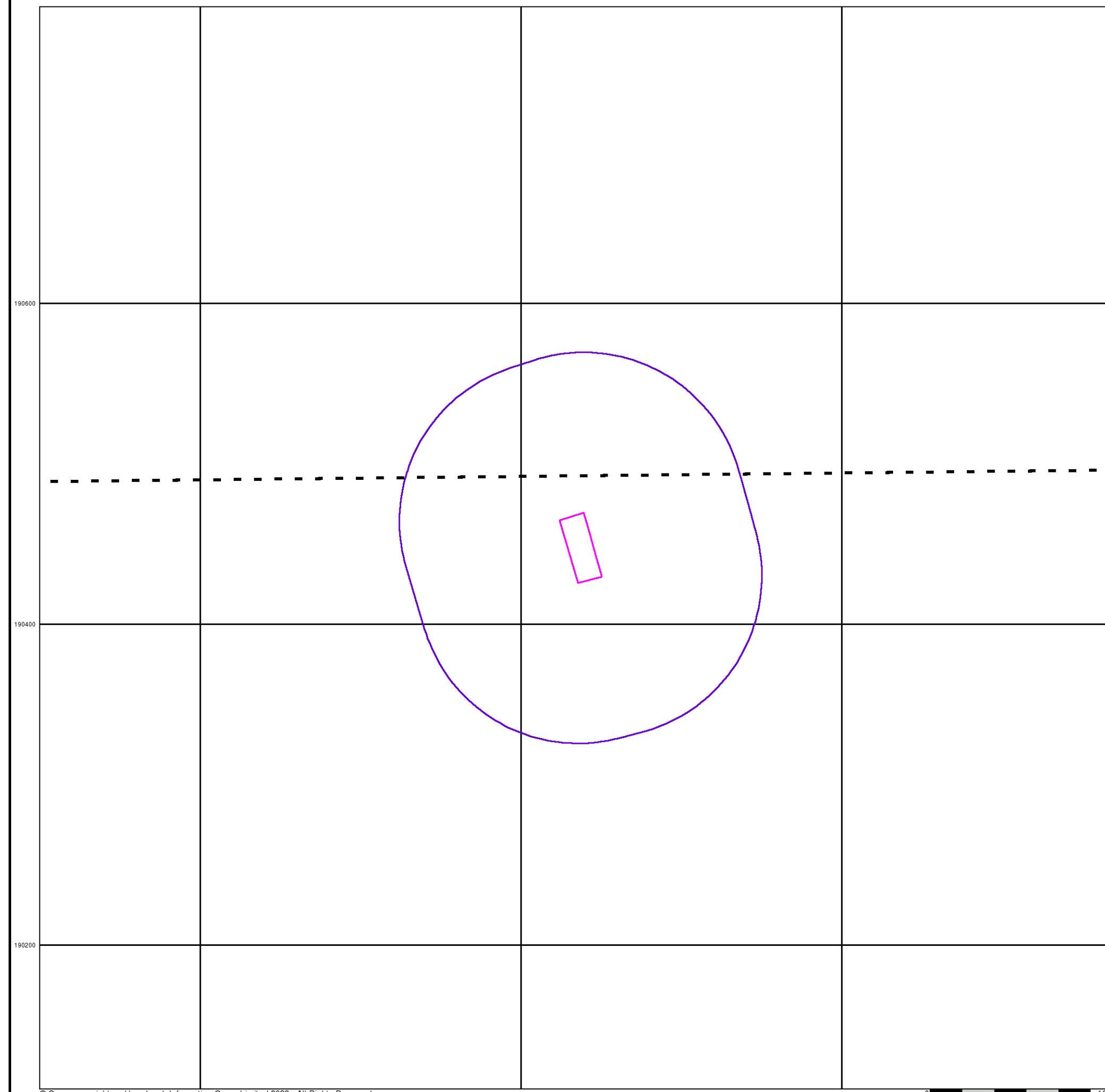
Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



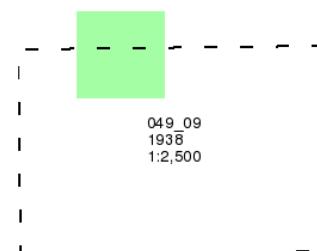
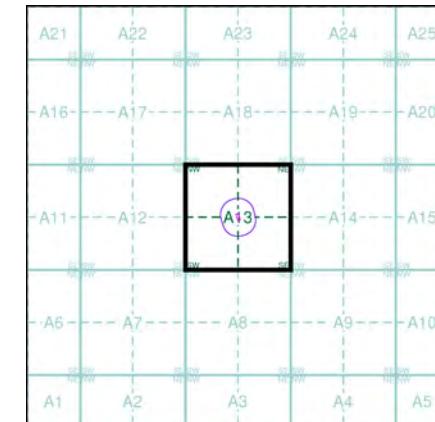
504400

504600

504800


Buckinghamshire
Published 1938
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

Historical Map - Segment A13

Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 100

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ

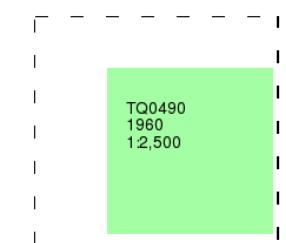
Ordnance Survey Plan

Published 1960

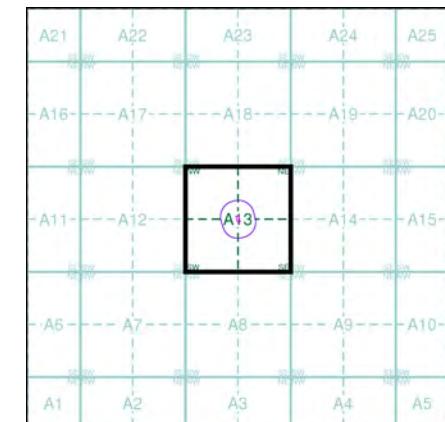
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

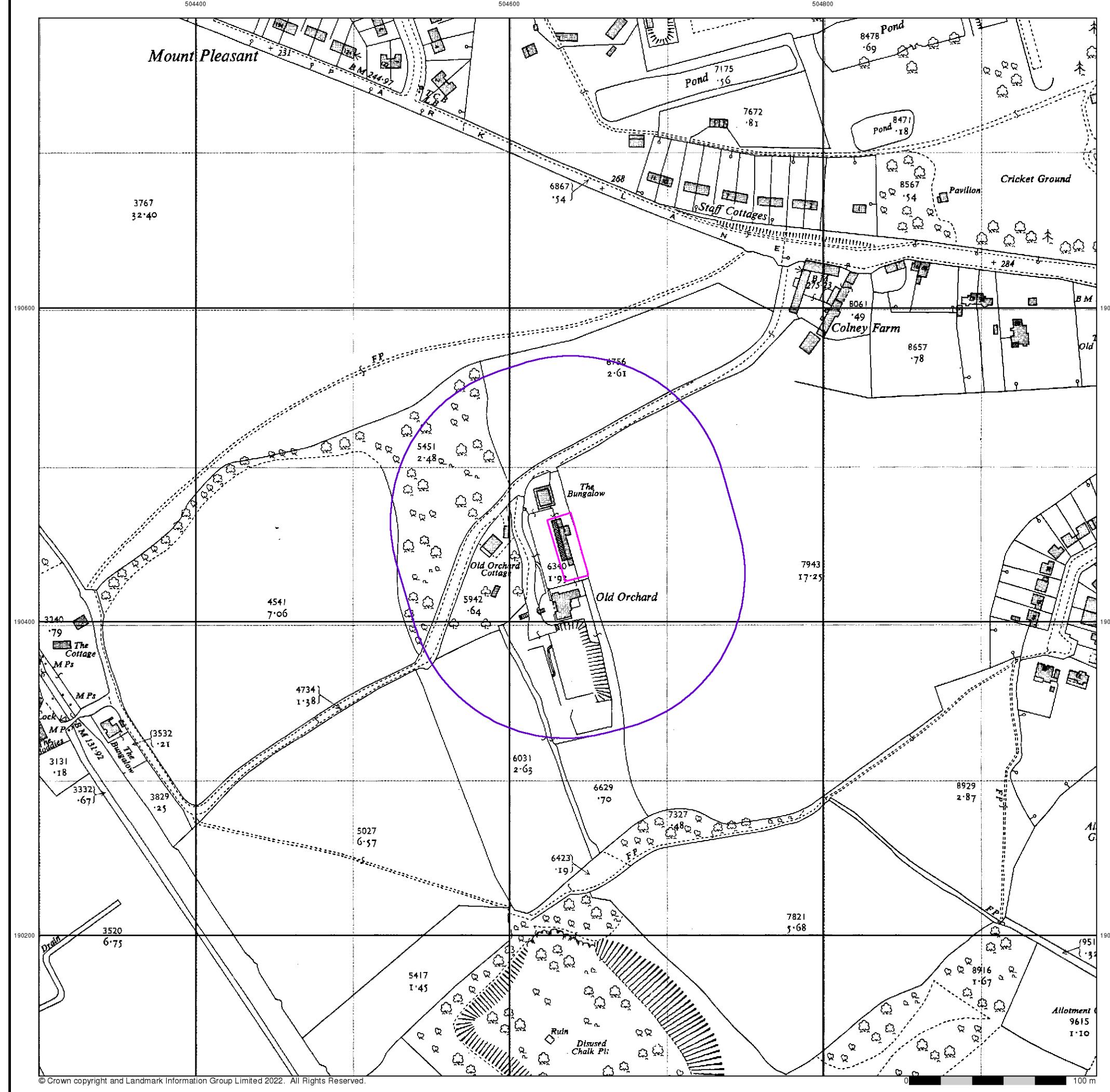


Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



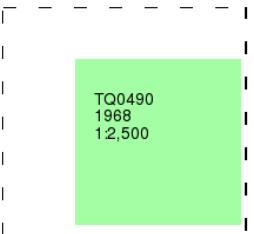
Ordnance Survey Plan

Published 1968

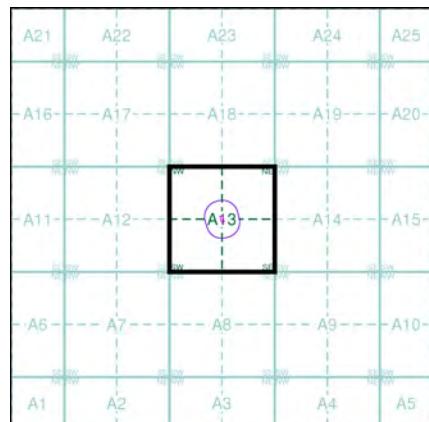
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

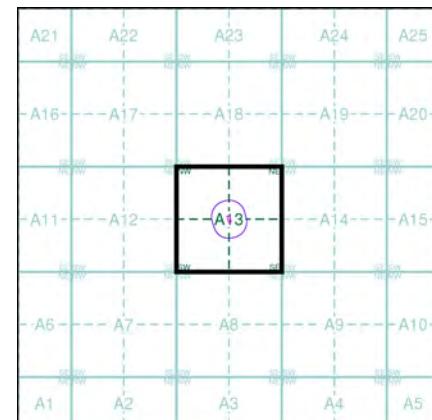
Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



Supply of Unpublished Survey Information
Published 1974
Source map scale - 1:2,500

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

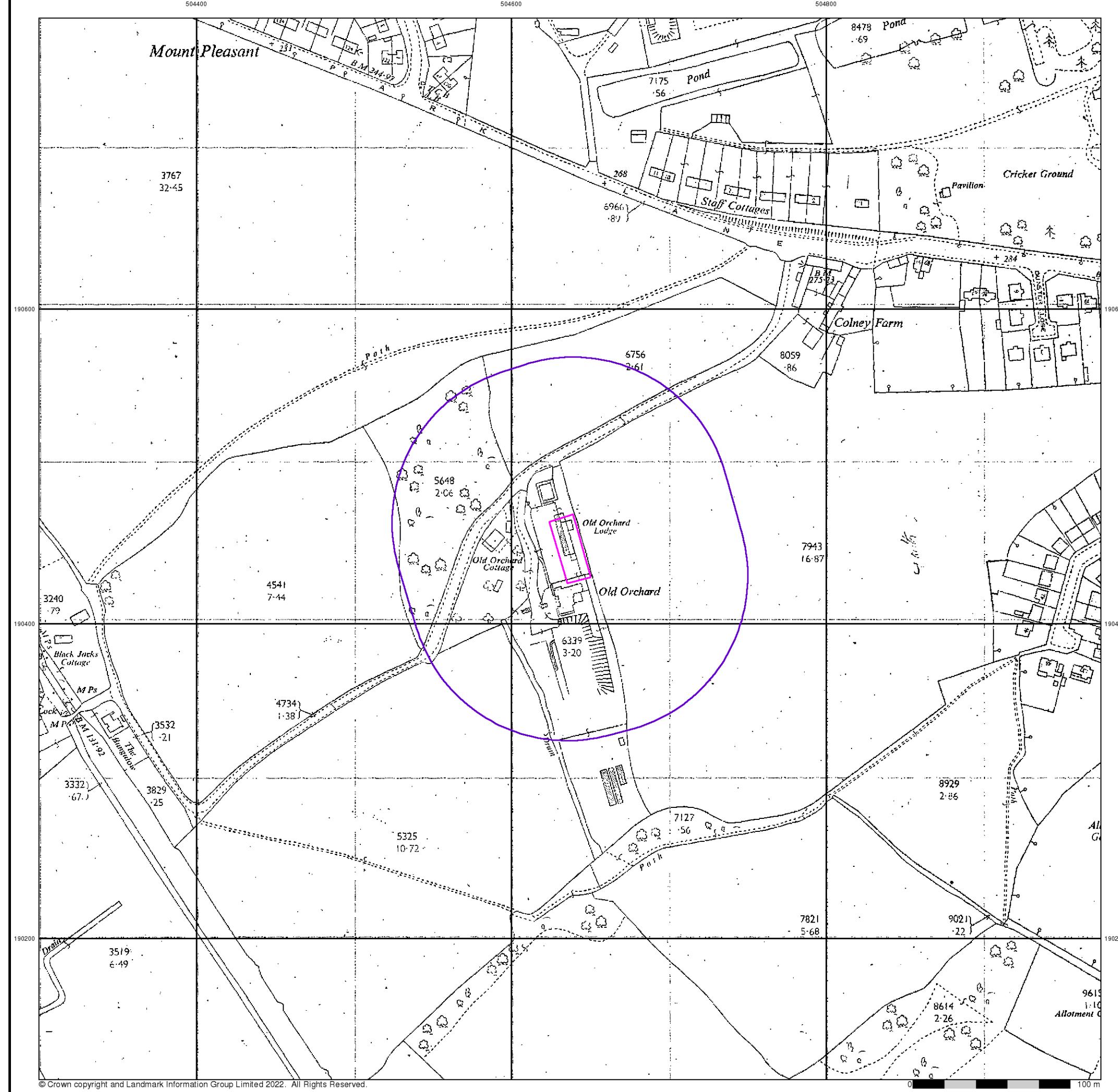
Map Name(s) and Date(s)

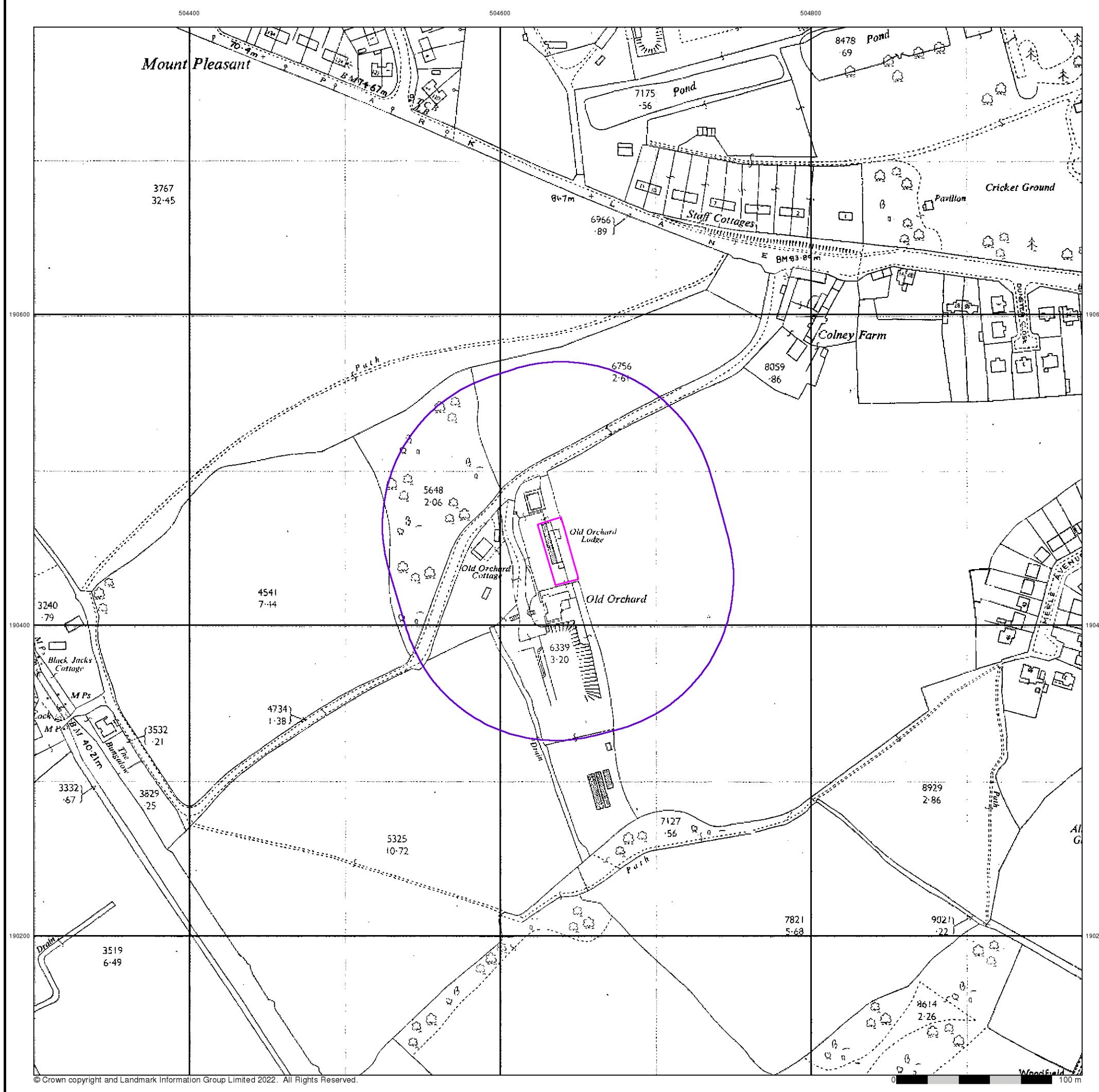
Historical Map - Segment A13

Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 100

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ





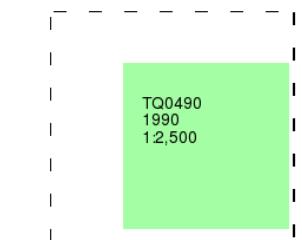
Additional SIMs

Published 1990

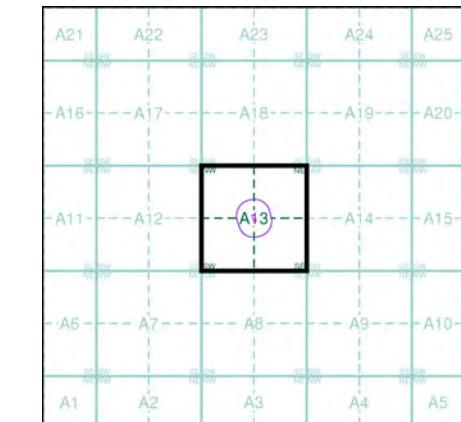
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ

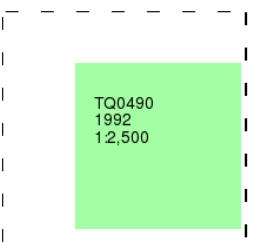
Large-Scale National Grid Data

Published 1992

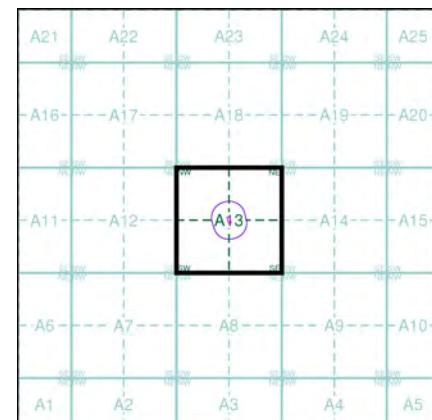
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

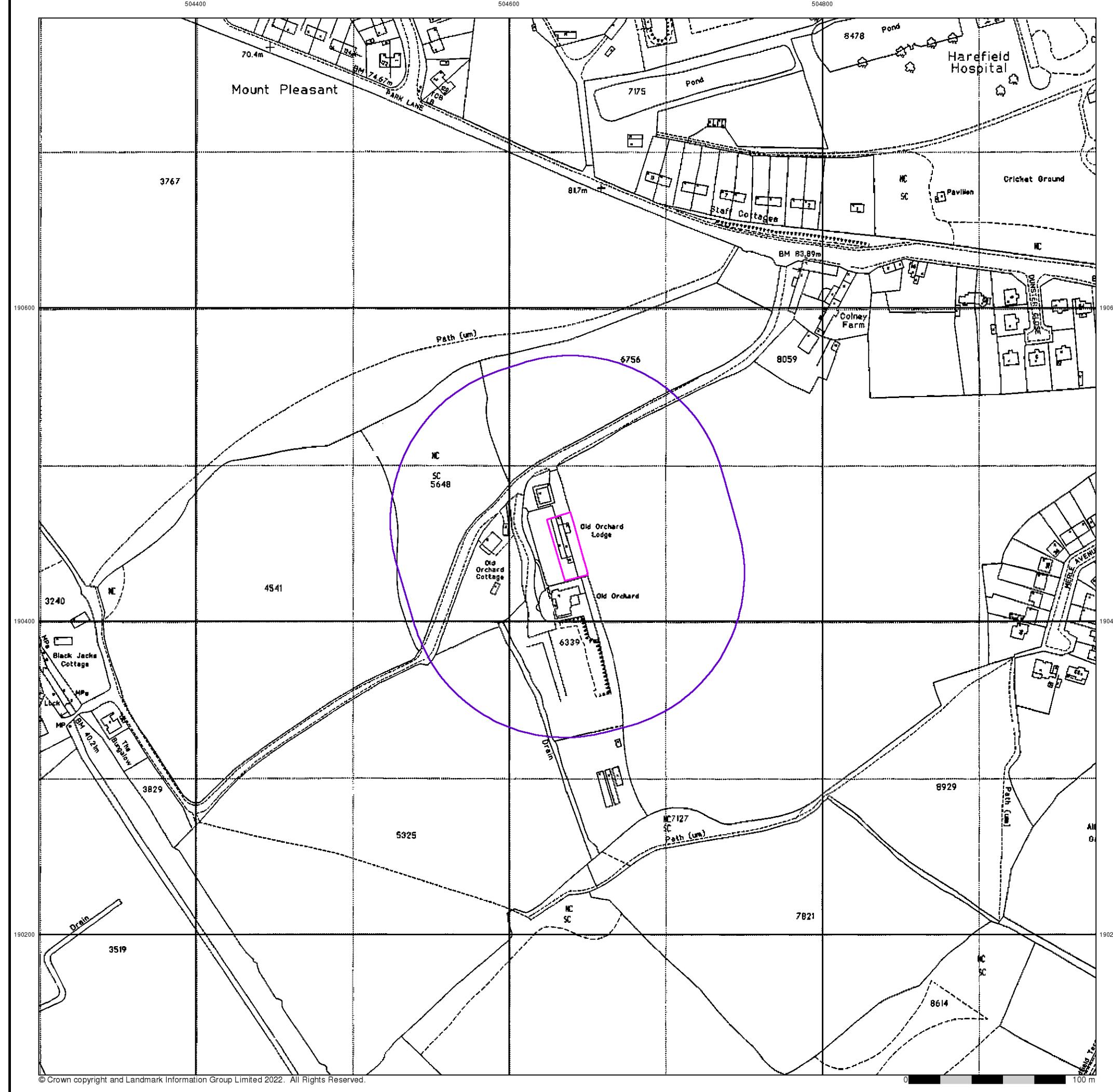


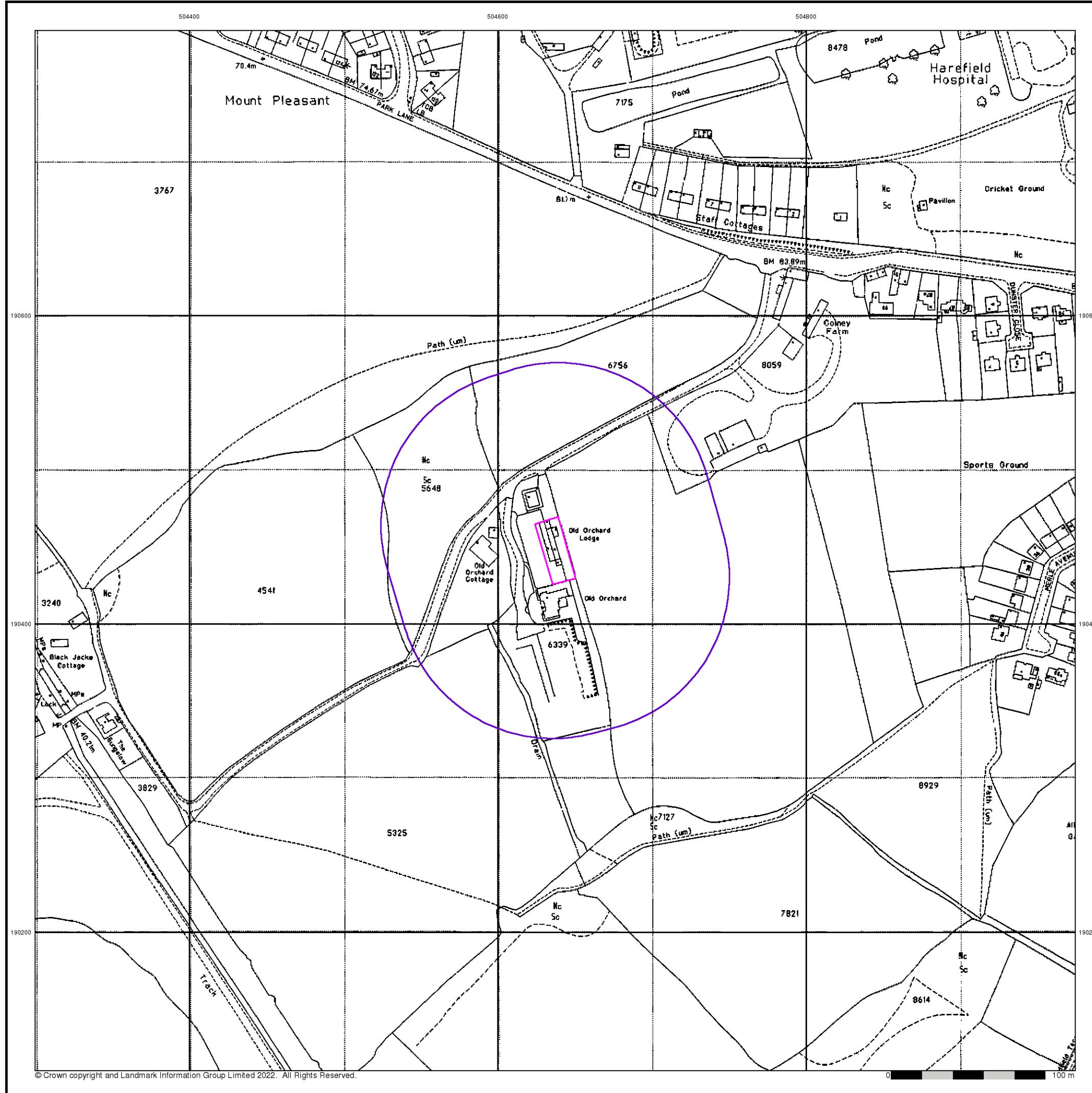
Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ





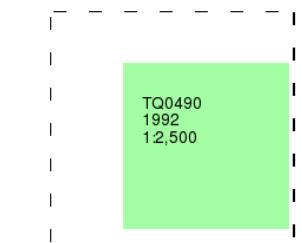
Large-Scale National Grid Data

Published 1992

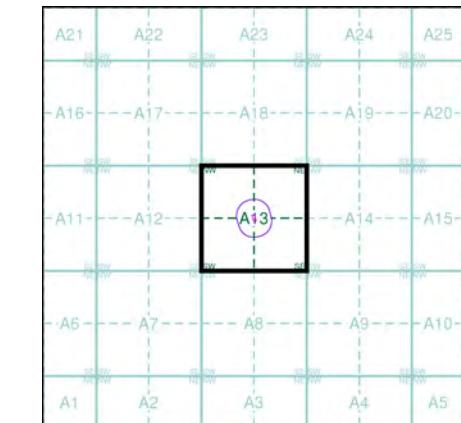
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

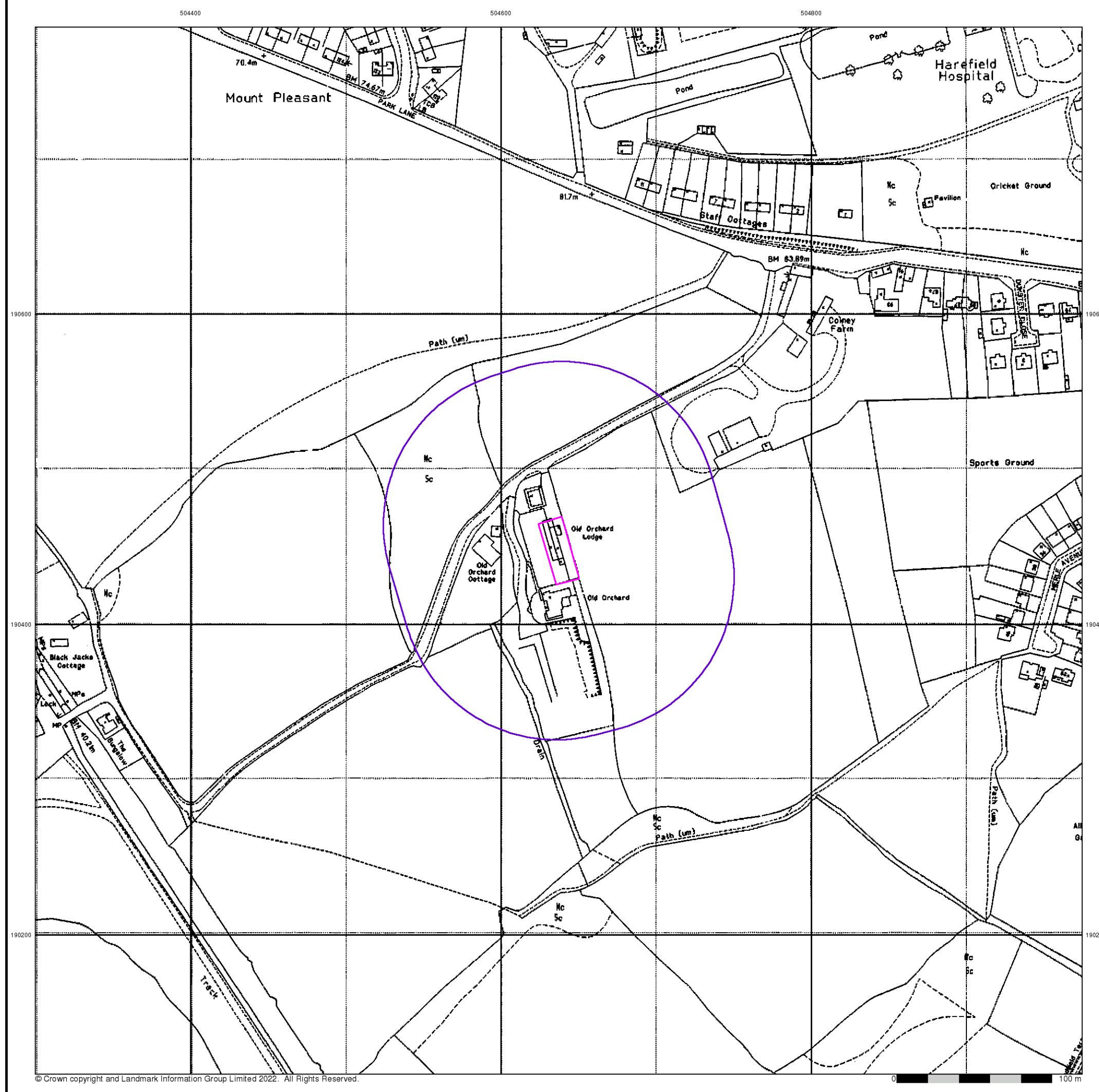


Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ



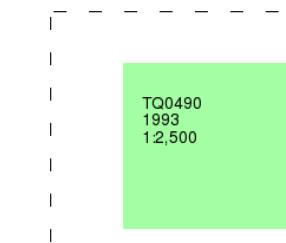
Large-Scale National Grid Data

Published 1993

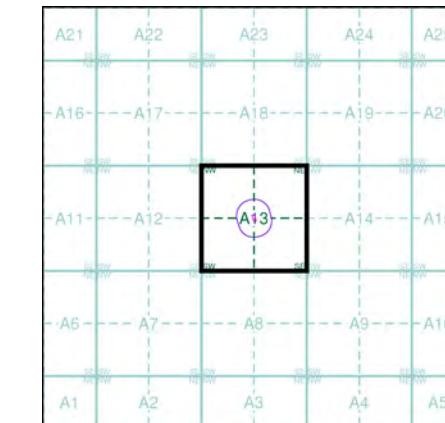
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBridge, UB9 6HJ



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

504400

504600

504800

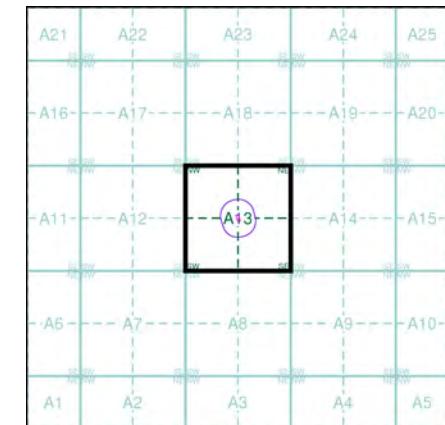


Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A13



Order Details

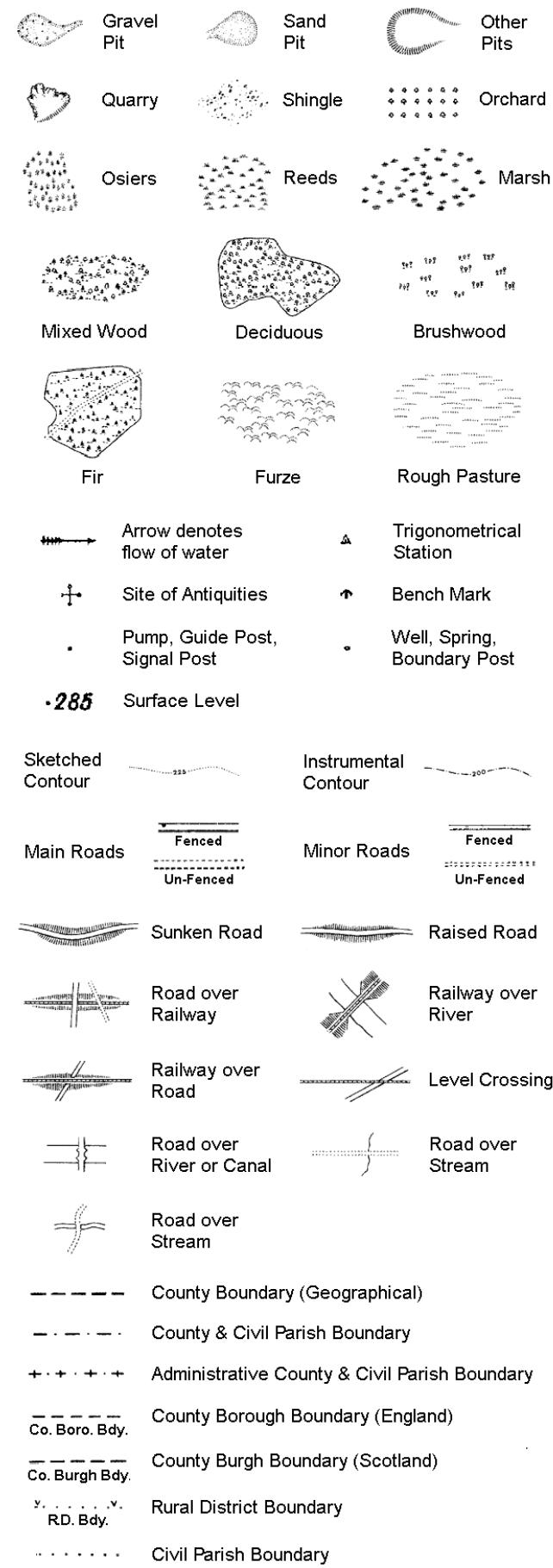
Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

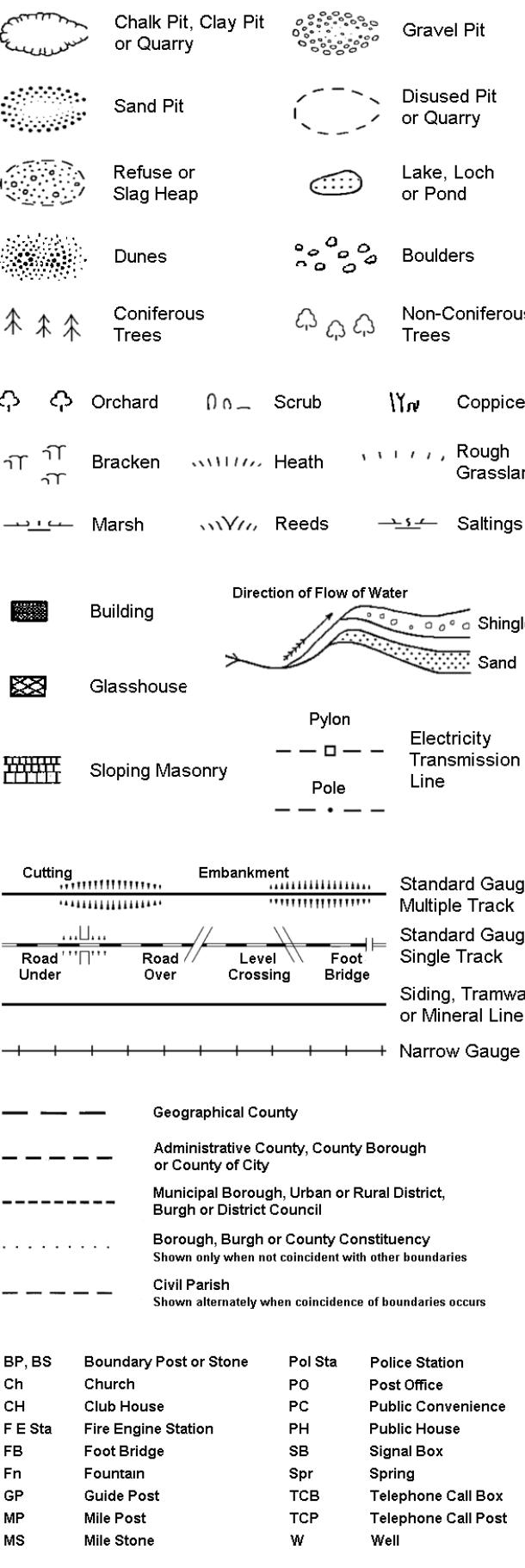
Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ

Historical Mapping Legends

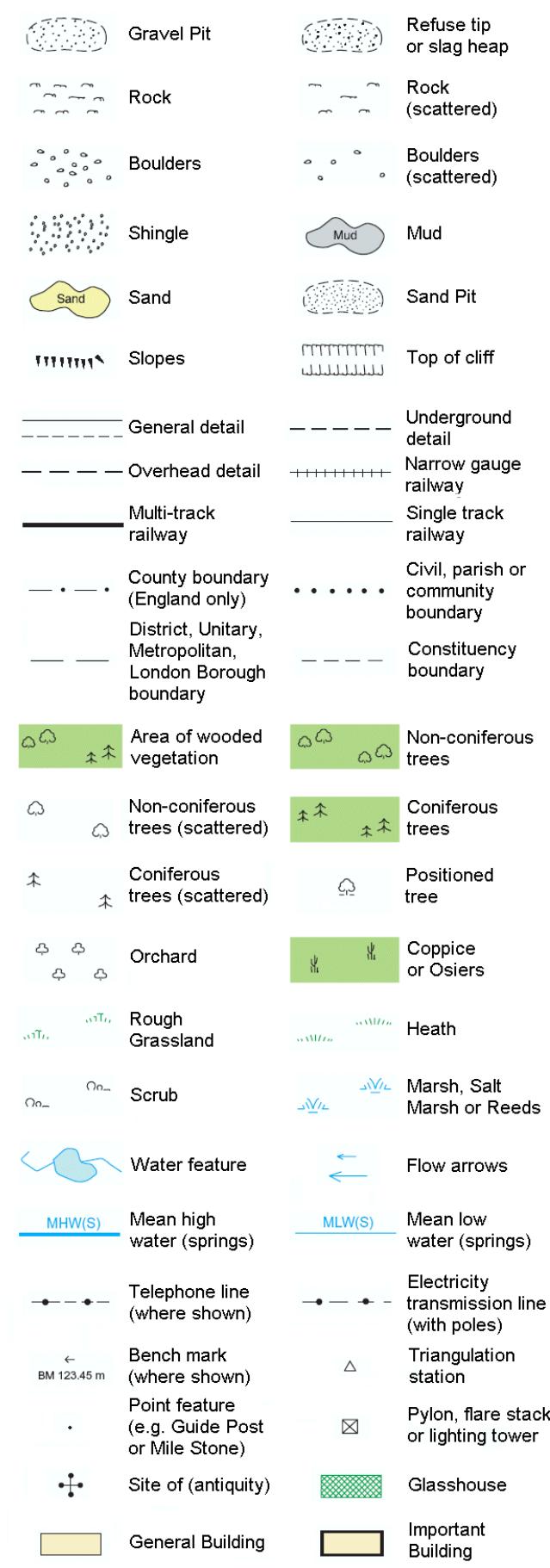
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



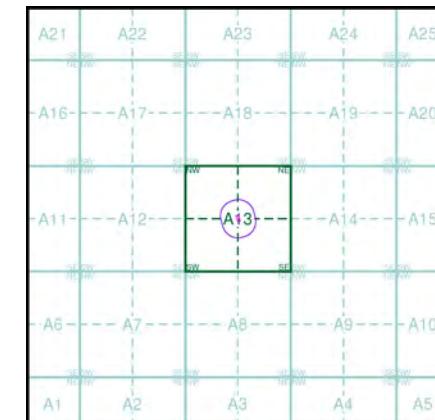
1:10,000 Raster Mapping



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Middlesex	1:10,560	1868	3
Middlesex	1:10,560	1868	4
Buckinghamshire	1:10,560	1883	5
Middlesex	1:10,560	1897 - 1899	6
Hertfordshire	1:10,560	1899	7
Buckinghamshire	1:10,560	1900	8
Hertfordshire	1:10,560	1916 - 1927	9
Buckinghamshire	1:10,560	1926	10
Hertfordshire	1:10,560	1934 - 1935	11
Hertfordshire	1:10,560	1938 - 1950	12
Hertfordshire	1:10,560	1938	13
Historical Aerial Photography	1:10,560	1947 - 1948	14
Ordnance Survey Plan	1:10,000	1960	15
Ordnance Survey Plan	1:10,000	1965 - 1968	16
Ordnance Survey Plan	1:10,000	1970 - 1976	17
Ordnance Survey Plan	1:10,000	1976	18
London	1:25,000	1985	19
Ordnance Survey Plan	1:10,000	1989	20
Ordnance Survey Plan	1:10,000	1990	21
10K Raster Mapping	1:10,000	1999	22
10K Raster Mapping	1:10,000	2006	23
VectorMap Local	1:10,000	2021	24

Historical Map - Slice A



Order Details

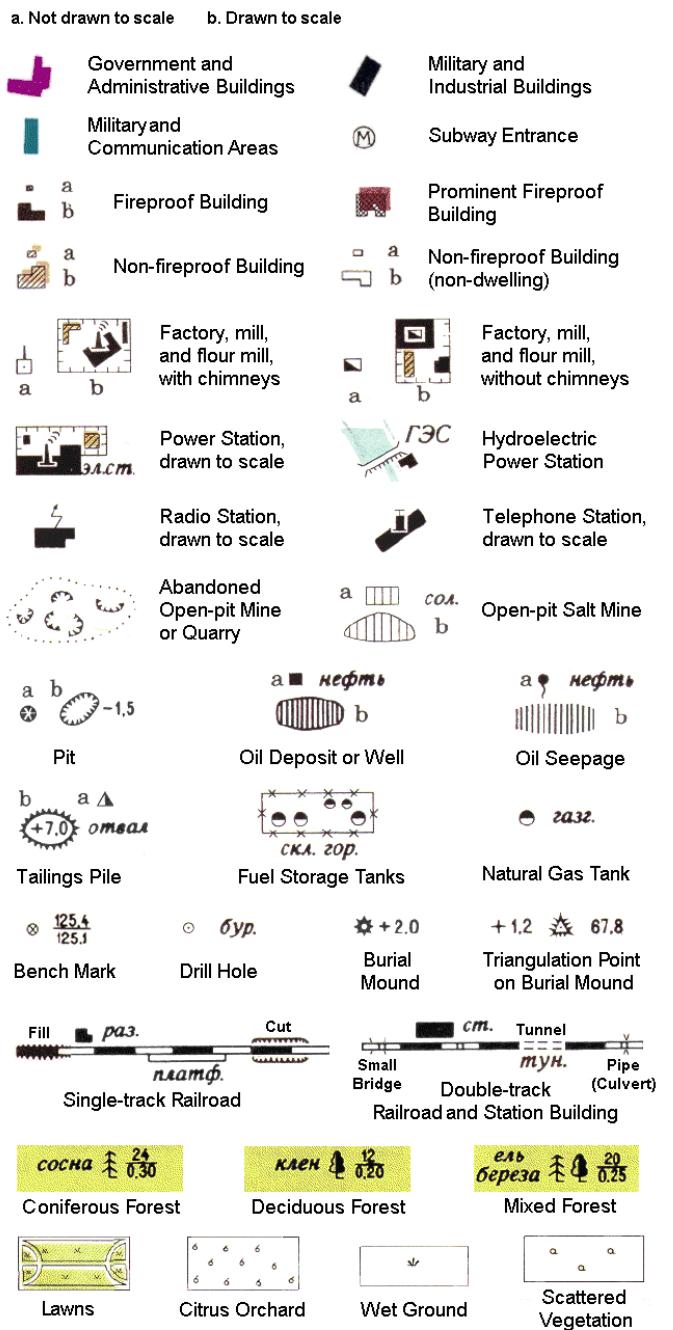
Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ

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.

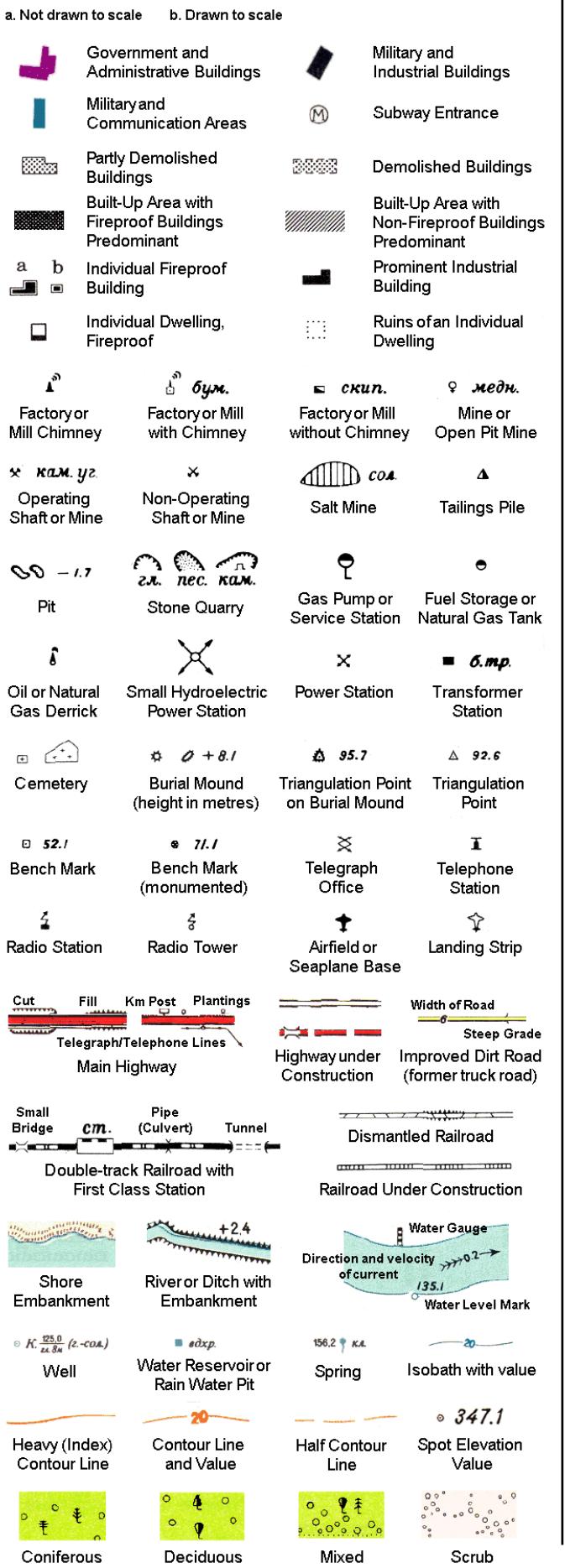
0.2 Velocity of the current, width of river bed, depth of river

180/12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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 (Ђ)
Д д (D)	Л л (L)	У у (U)	Ѡ (Ѡ)
Е е (E)	М м (M)	Ф ф (F)	Ѡ (Ѡ)
Ӗ є (YO)	Ҥ Ҥ (N)	Х х (KH)	Ӭ Ӭ (E)
Ӯ Ӯ (ZH)	Ӯ Ӯ (O)	ұ ұ (TS)	Ӣ Ӣ (YU or IU)
Ӯ Ӯ (A)	Ӯ Ӯ (O)	ұ ұ (TS)	Ӣ Ӣ (YA or IA)

1:25,000 mapping

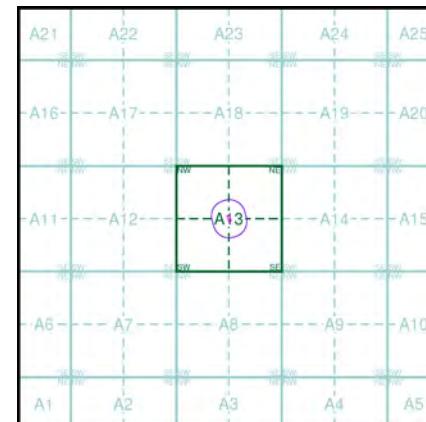


Key to Numbers on Mapping

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Middlesex	1:10,560	1868	3
Middlesex	1:10,560	1868	4
Buckinghamshire	1:10,560	1883	5
Middlesex	1:10,560	1897 - 1899	6
Hertfordshire	1:10,560	1899	7
Buckinghamshire	1:10,560	1900	8
Hertfordshire	1:10,560	1916 - 1927	9
Buckinghamshire	1:10,560	1926	10
Hertfordshire	1:10,560	1934 - 1935	11
Hertfordshire	1:10,560	1938 - 1950	12
Hertfordshire	1:10,560	1938	13
Historical Aerial Photography	1:10,560	1947 - 1948	14
Ordnance Survey Plan	1:10,000	1960	15
Ordnance Survey Plan	1:10,000	1965 - 1968	16
Ordnance Survey Plan	1:10,000	1970 - 1976	17
Ordnance Survey Plan	1:10,000	1976	18
London	1:25,000	1985	19
Ordnance Survey Plan	1:10,000	1989	20
Ordnance Survey Plan	1:10,000	1990	21
10K Raster Mapping	1:10,000	1999	22
10K Raster Mapping	1:10,000	2006	23
VectorMap Local	1:10,000	2021	24

Russian Map - Slice A

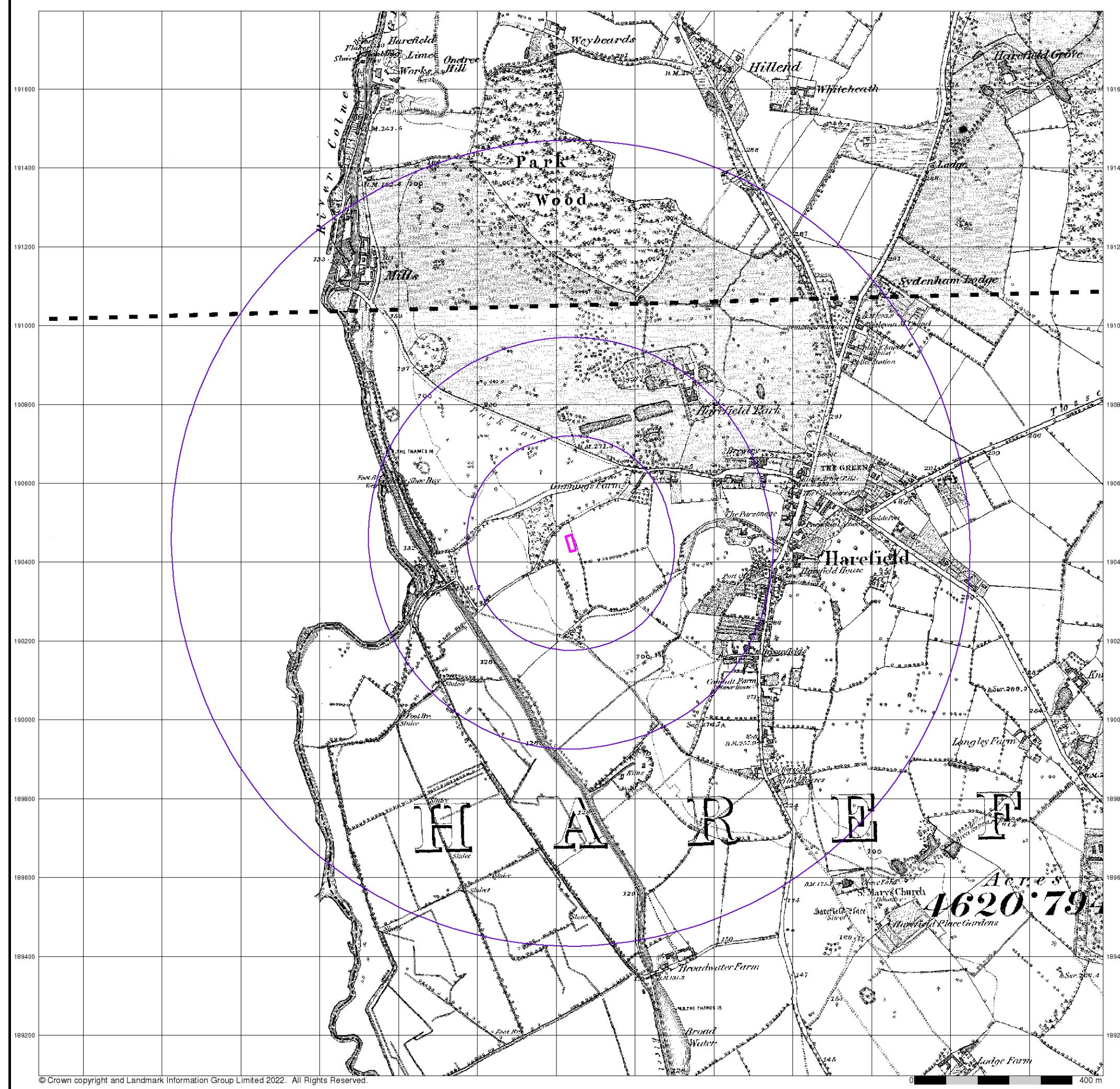


Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



Middlesex

Published 1868

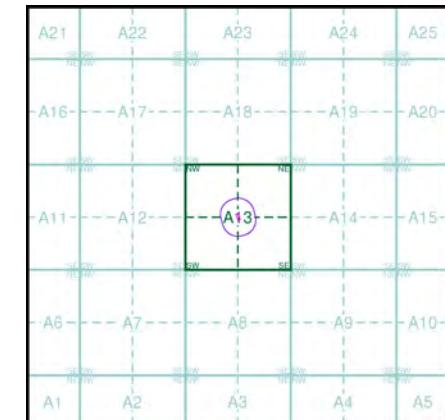
Source map scale - 1:10,560

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)

00400	1868
1	1:10,560
00900	1868
1	1:10,560

Historical Map - Slice A



Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ

Middlesex

Published 1868

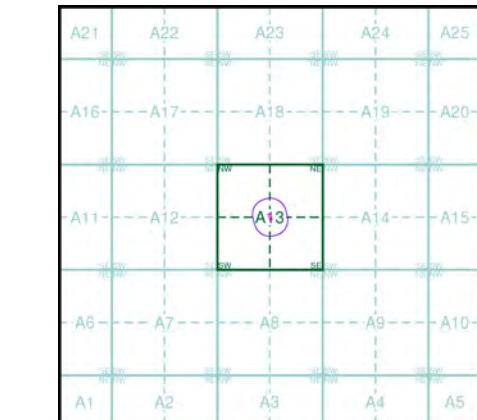
Source map scale - 1:10,560

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)

00400	1868
	1:10,560

Historical Map - Slice A

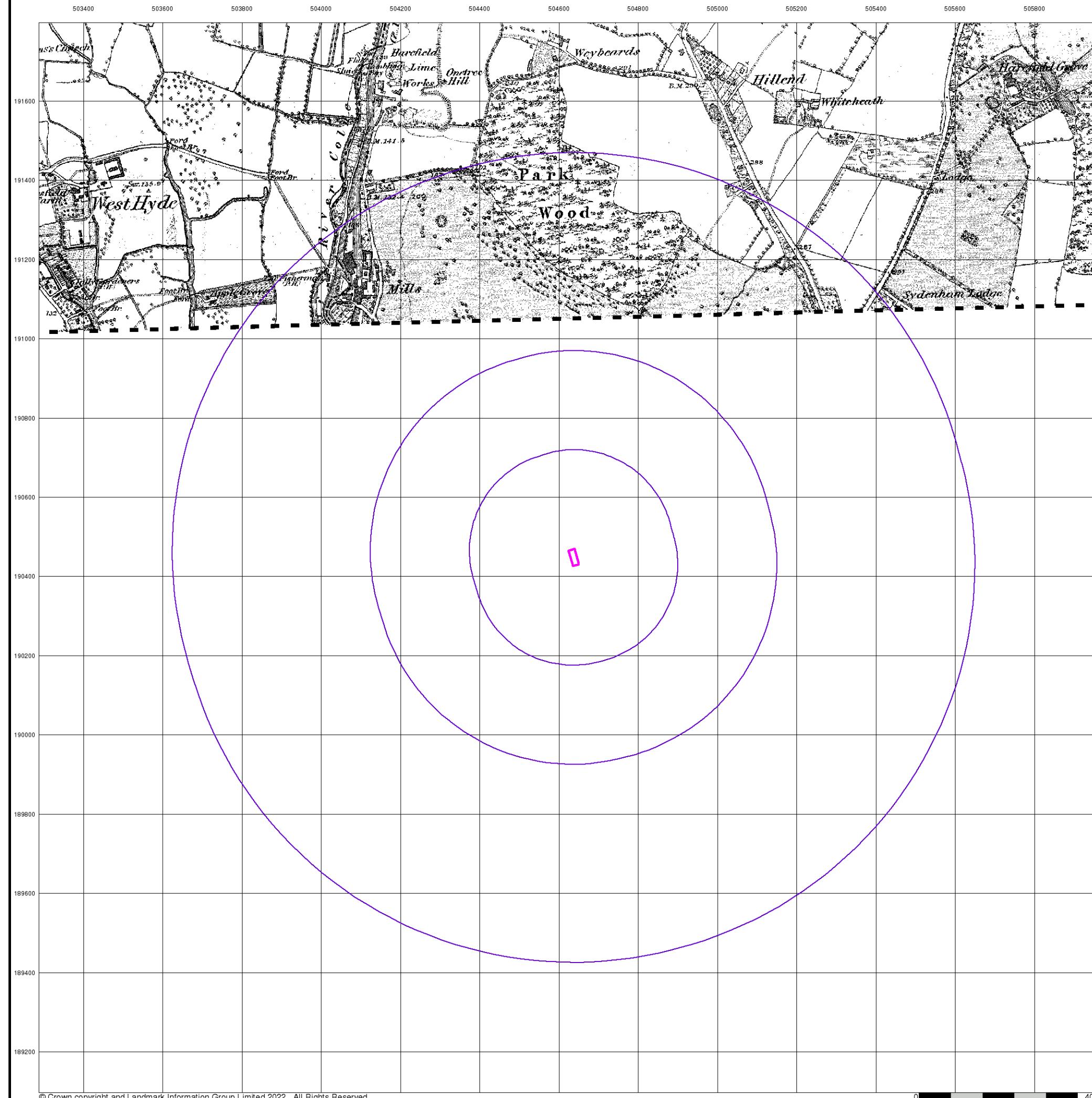


Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



Buckinghamshire

Published 1883

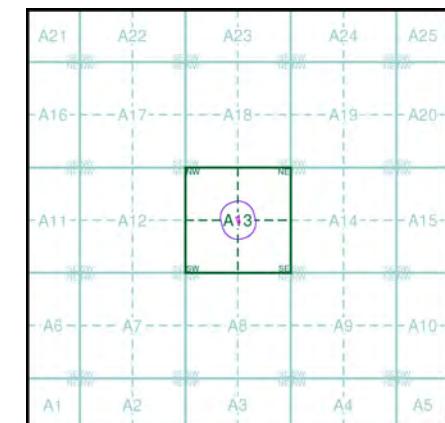
Source map scale - 1:10,560

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)

04800	1883	1:10,560
04900	1883	1:10,560

Historical Map - Slice A

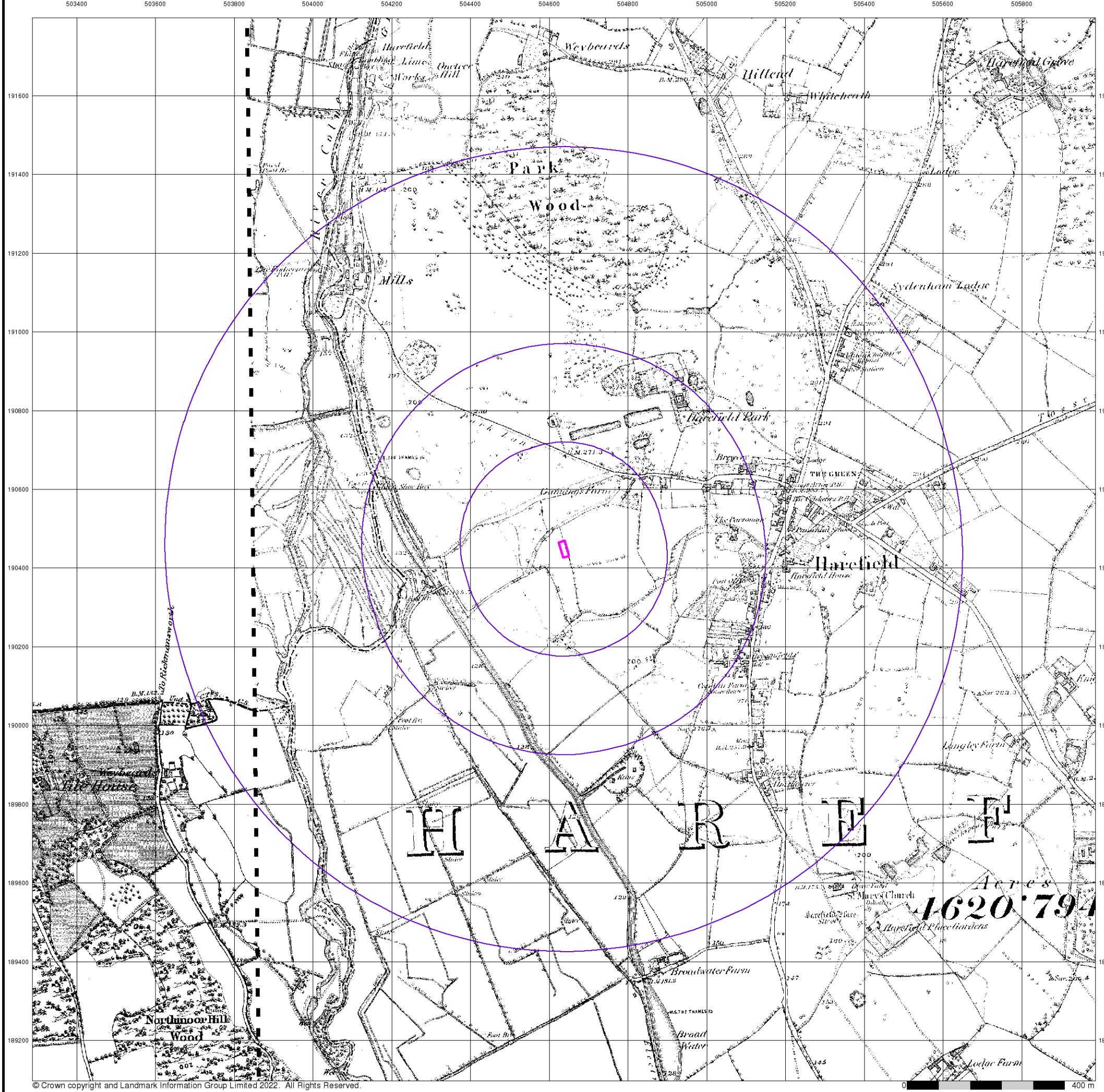


Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ

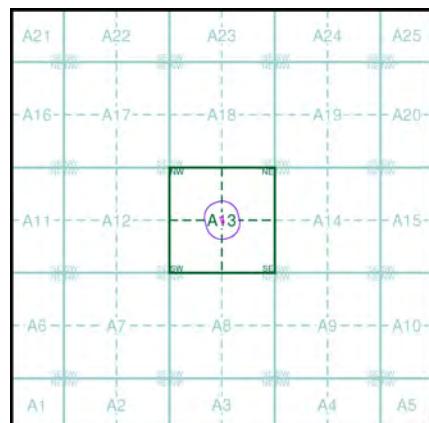


Middlesex
Published 1897 - 1899
Source map scale - 1:10,560

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)

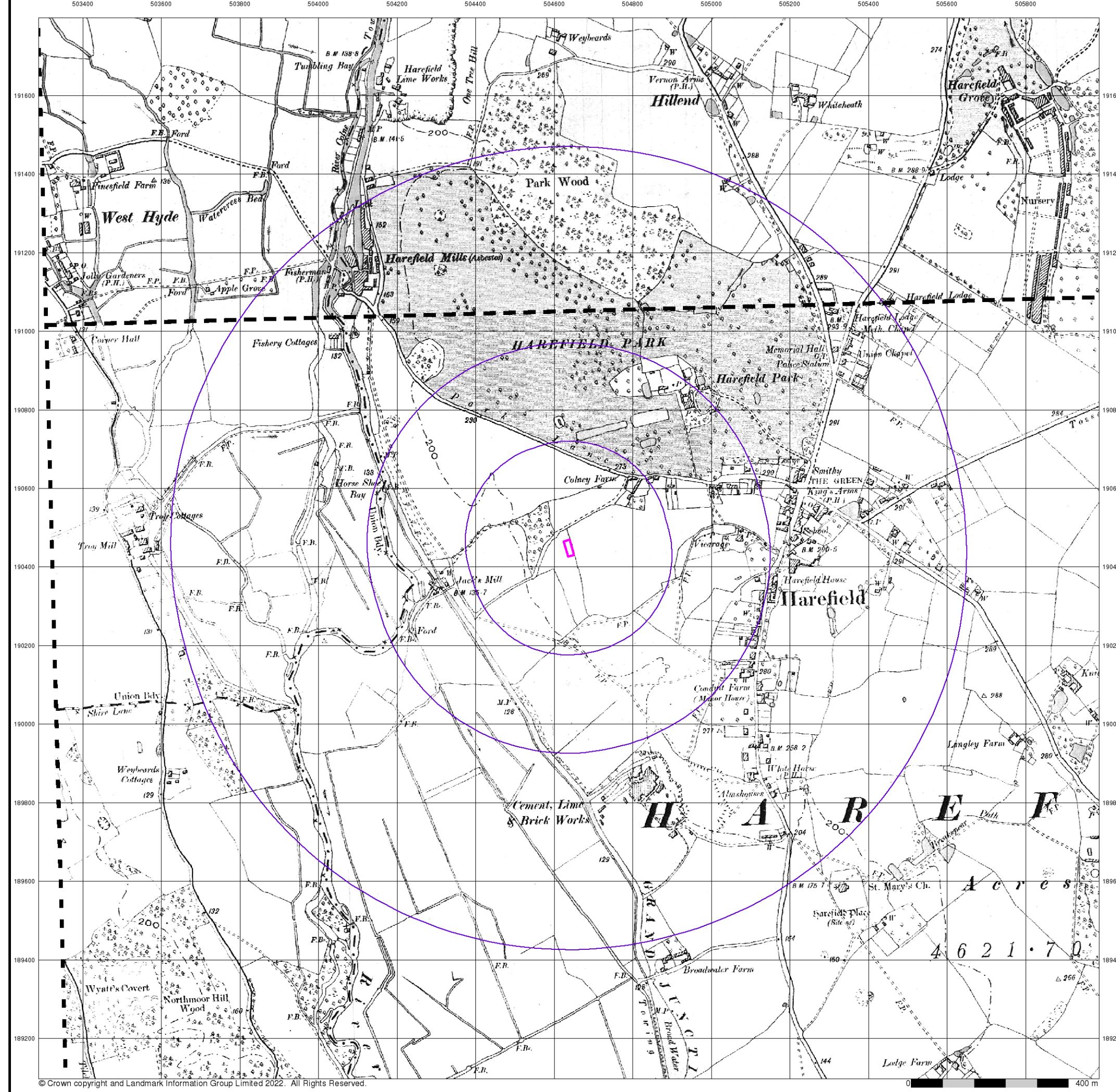
004SE	1899
	1:10,560
009NE	1897
	1:10,560

Historical Map - Slice A

Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

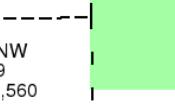
Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ

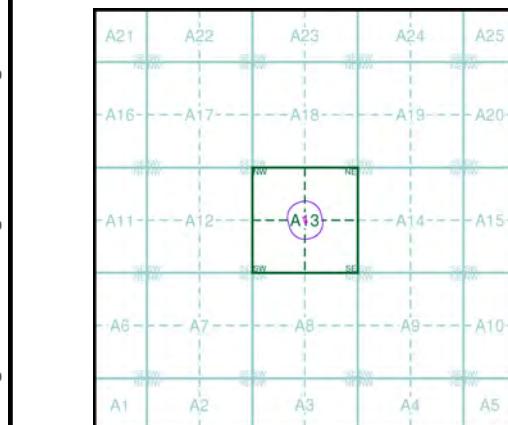


Hertfordshire
Published 1899
Source map scale - 1:10,560

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)

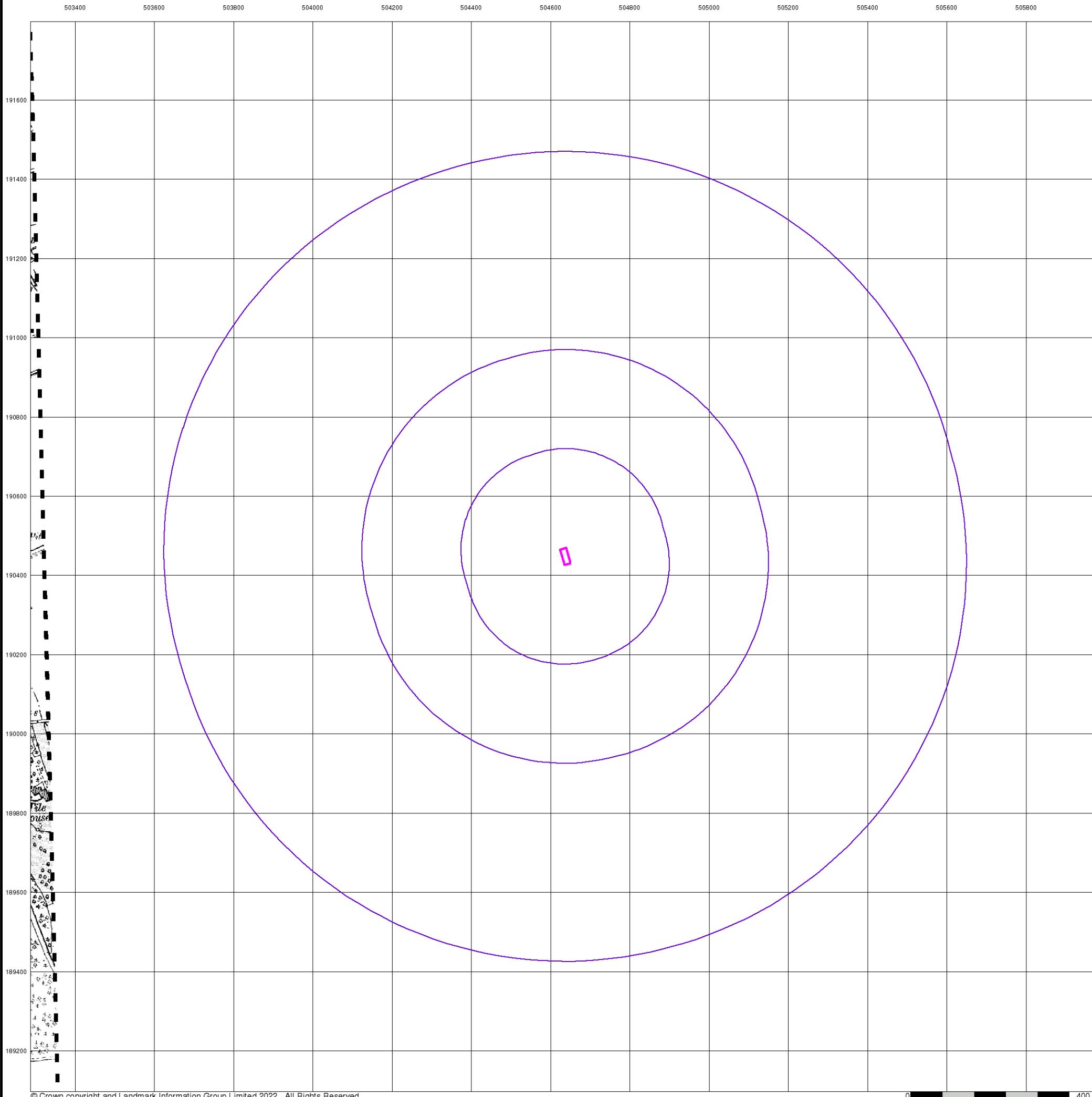
043SW 1899 1:10,560	
047NW 1899 1:10,560	

Historical Map - Slice A

Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



Buckinghamshire

Published 1900

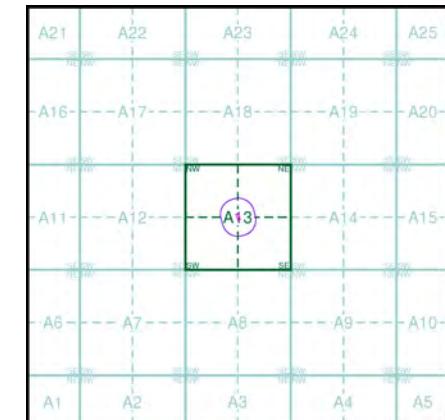
Source map scale - 1:10,560

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)

048NE 1900 1:10,560	049SW 1900 1:10,560
048SE 1900 1:10,560	

Historical Map - Slice A

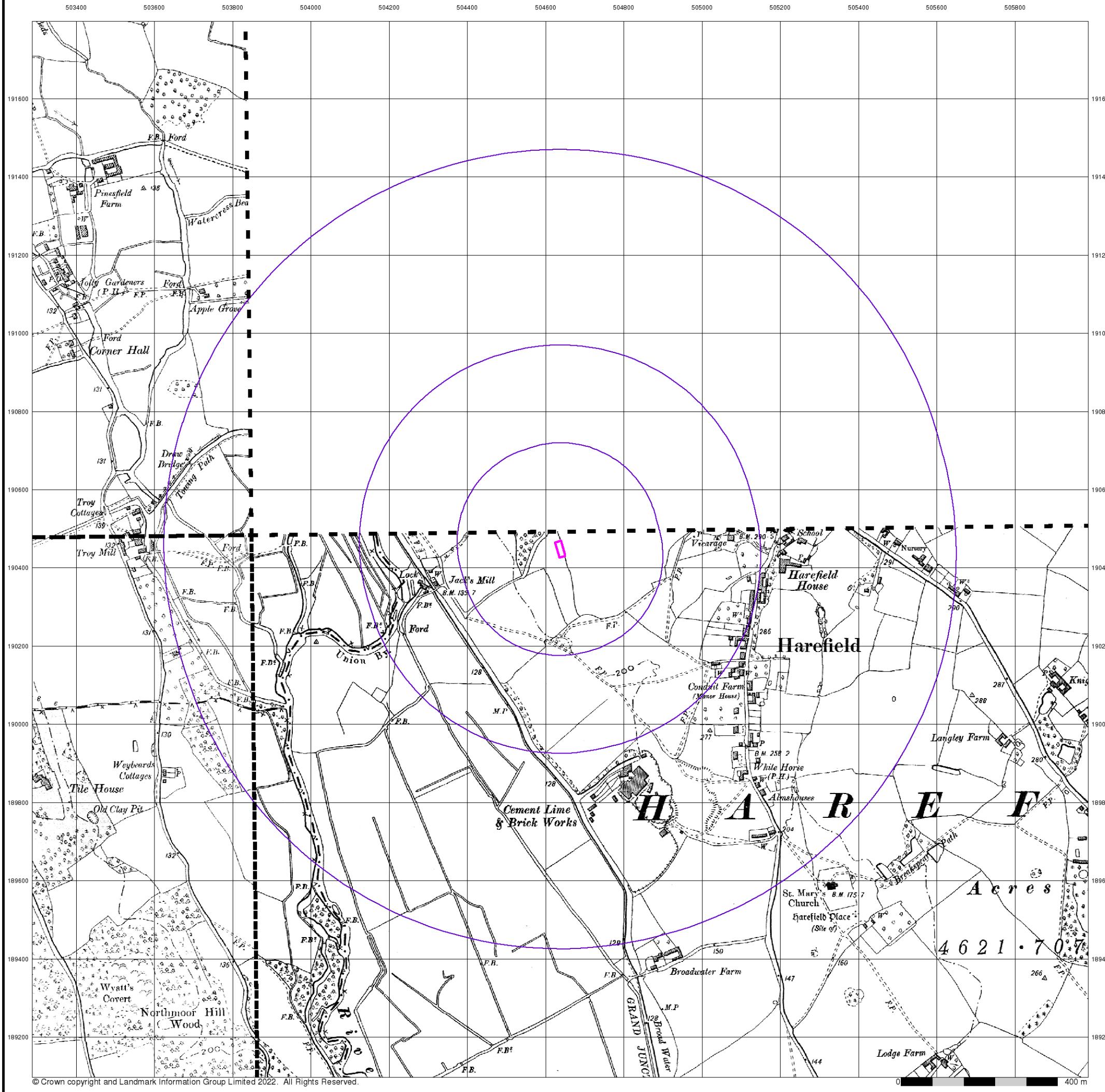


Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ



Hertfordshire

Published 1916 - 1927

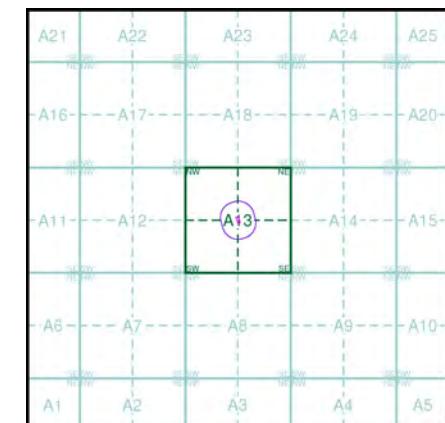
Source map scale - 1:10,560

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)

043SW	043SE
1922	1920
1:10,560	1:10,560
047NW	047NE
1927	1916
1:10,560	1:10,560

Historical Map - Slice A

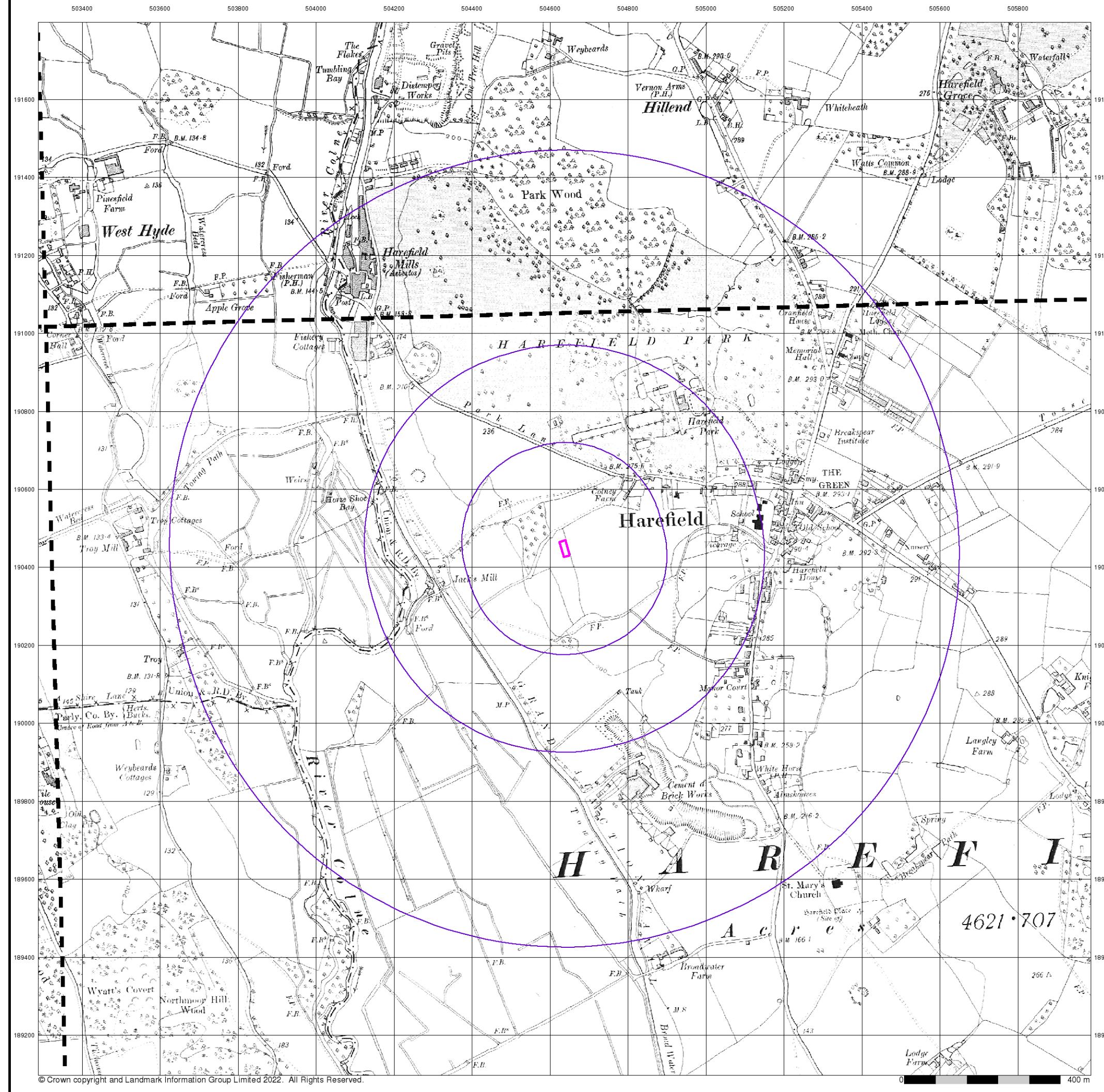


Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ



Buckinghamshire

Published 1926

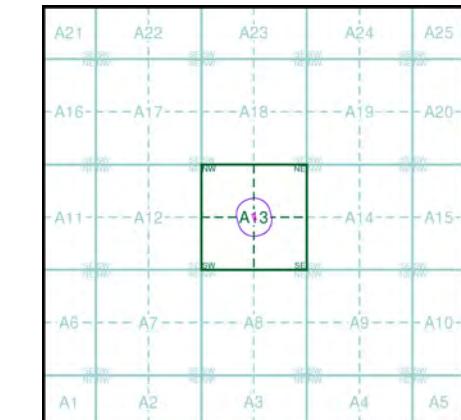
Source map scale - 1:10,560

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)

048NE	1926	1:10,560
048SE	1926	1:10,560

Historical Map - Slice A

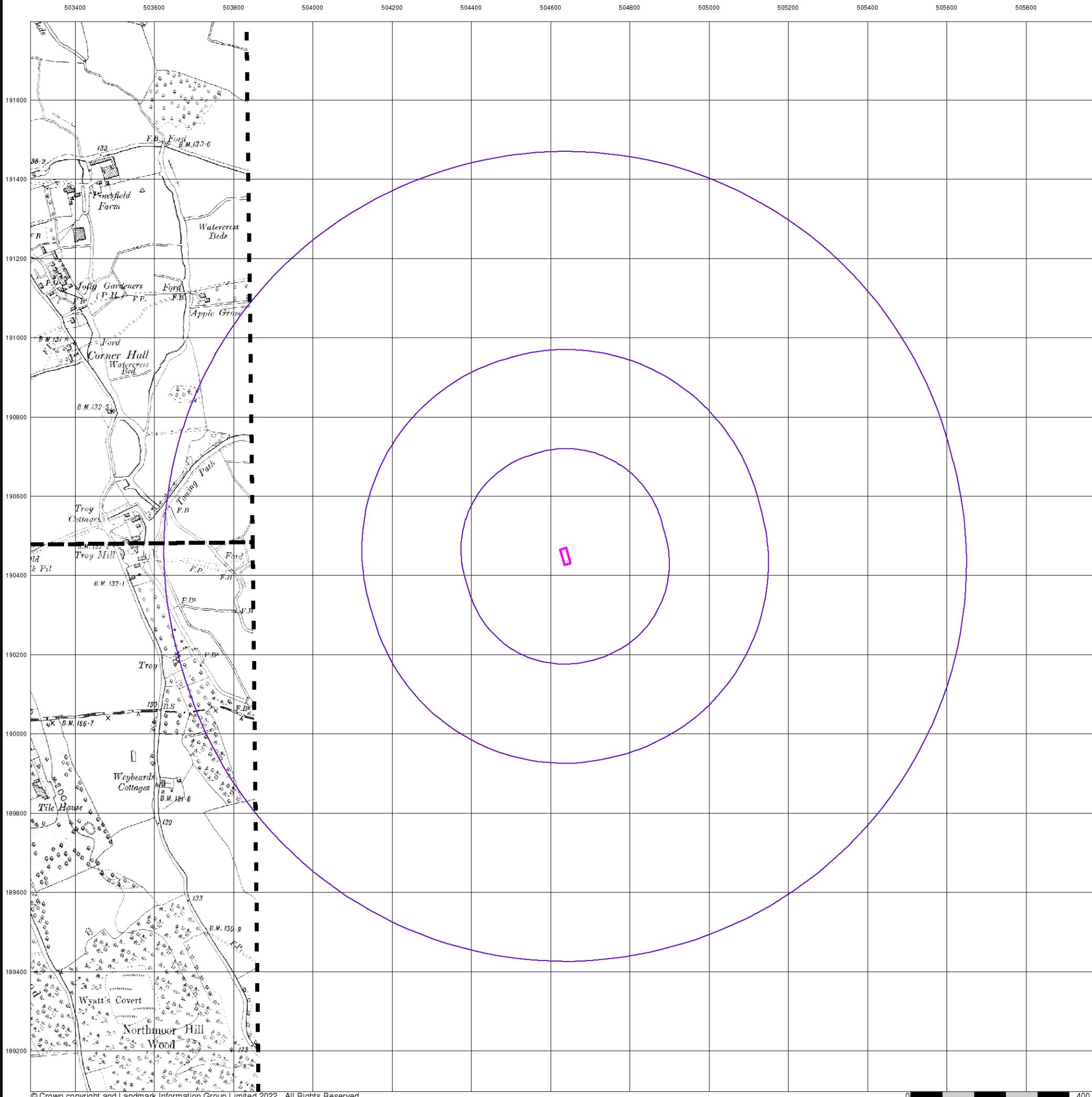


Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



Hertfordshire

Published 1934 - 1935

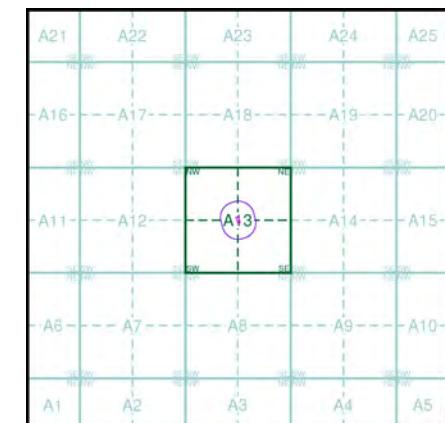
Source map scale - 1:10,560

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)

043SE	1935
	1:10,560
047NE	1934
	1:10,560

Historical Map - Slice A

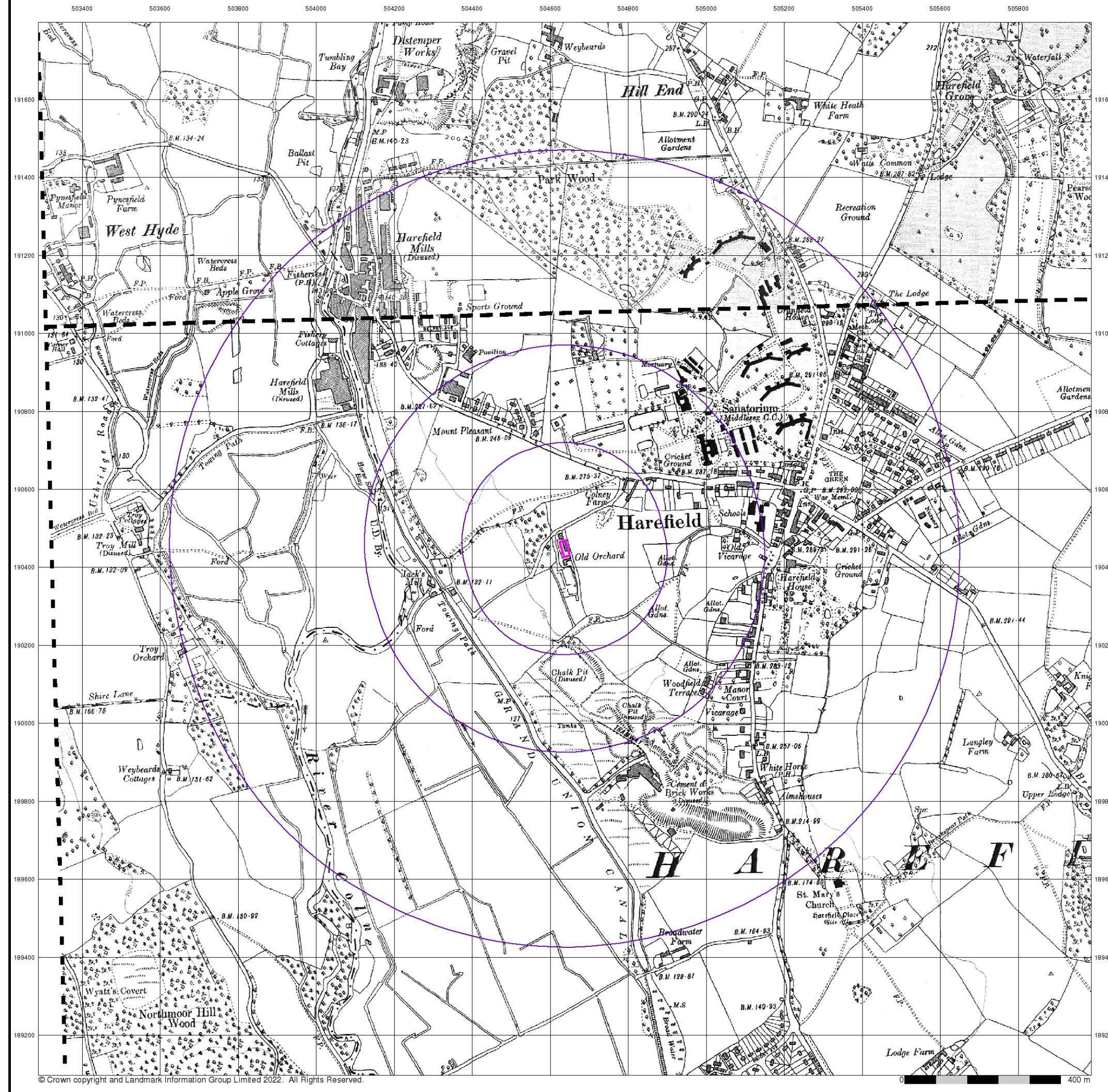


Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



Hertfordshire

Published 1938 - 1950

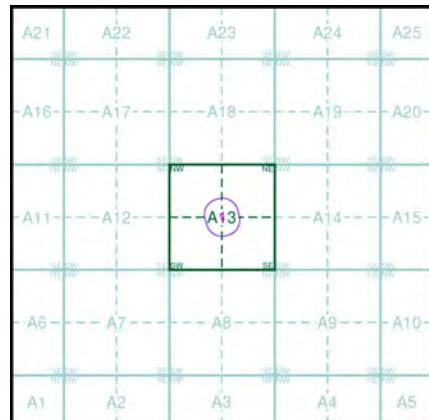
Source map scale - 1:10,560

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)

043SW 1938 1:10,560	043SE 1938 1:10,560
047NW 1938 1:10,560	047NE 1950 1:10,560

Historical Map - Slice A

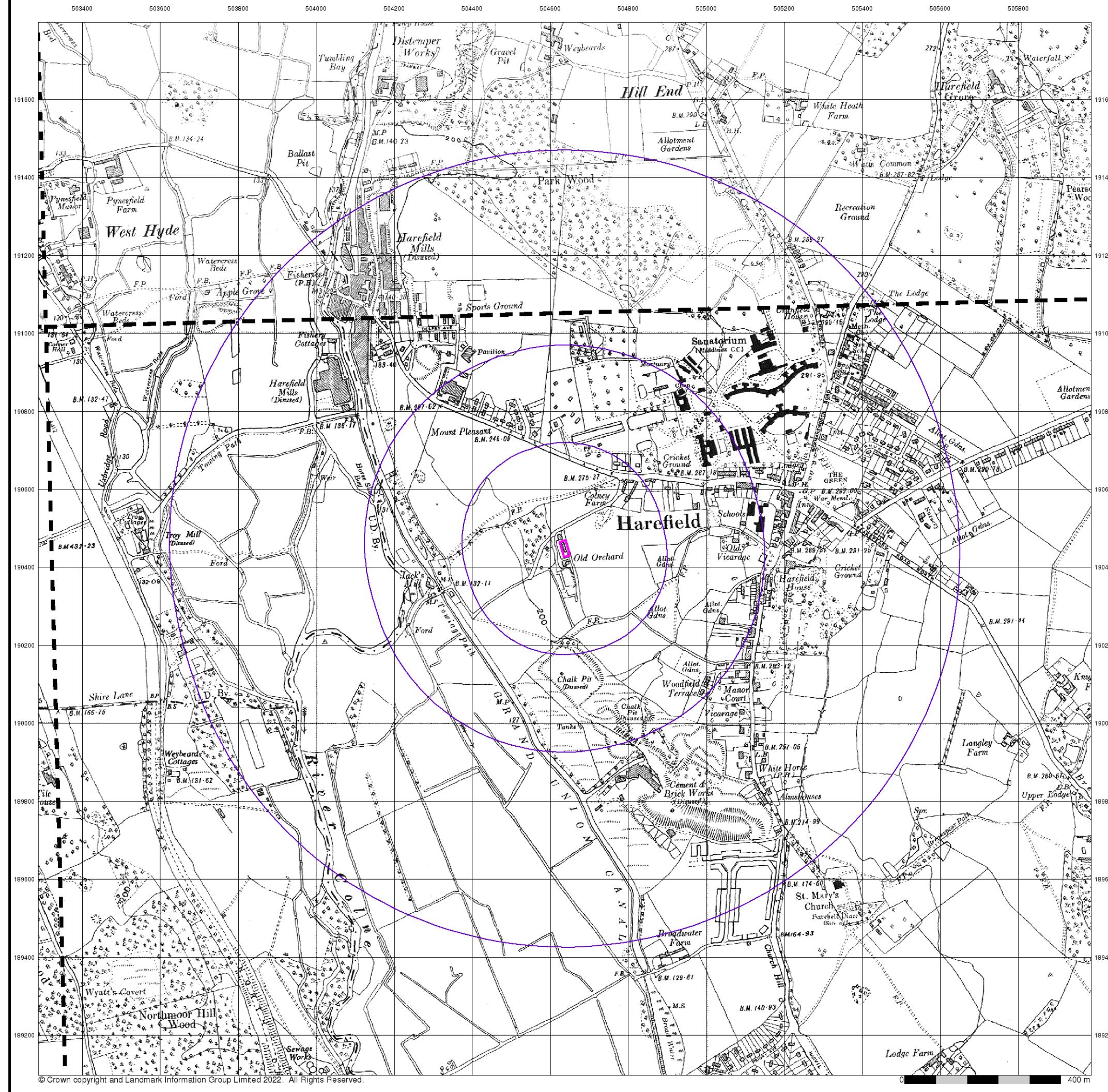


Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



Hertfordshire

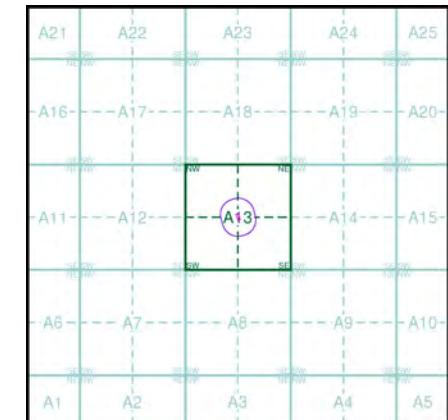
Published 1938

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)

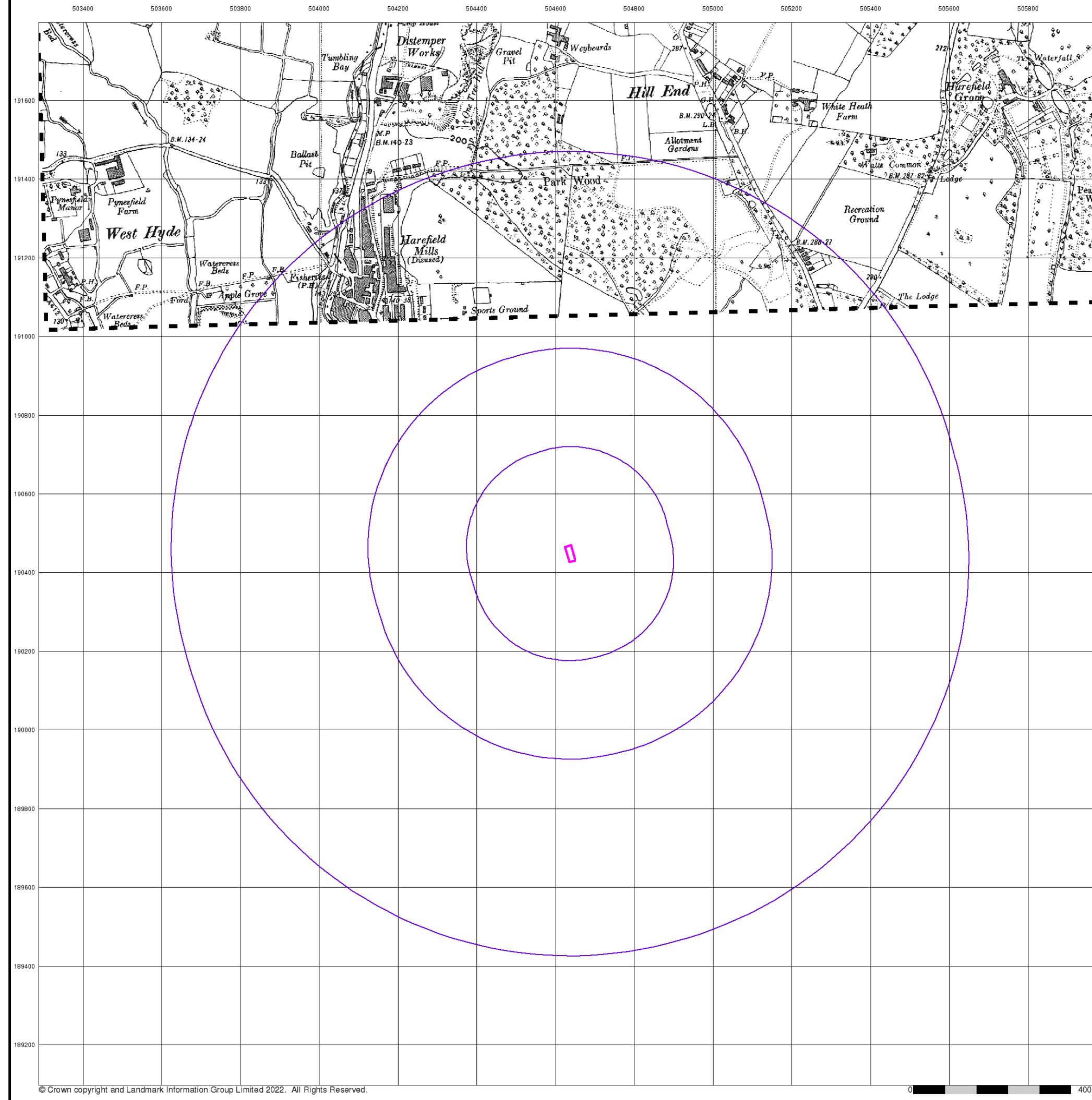
043SE
1938
1:10,560

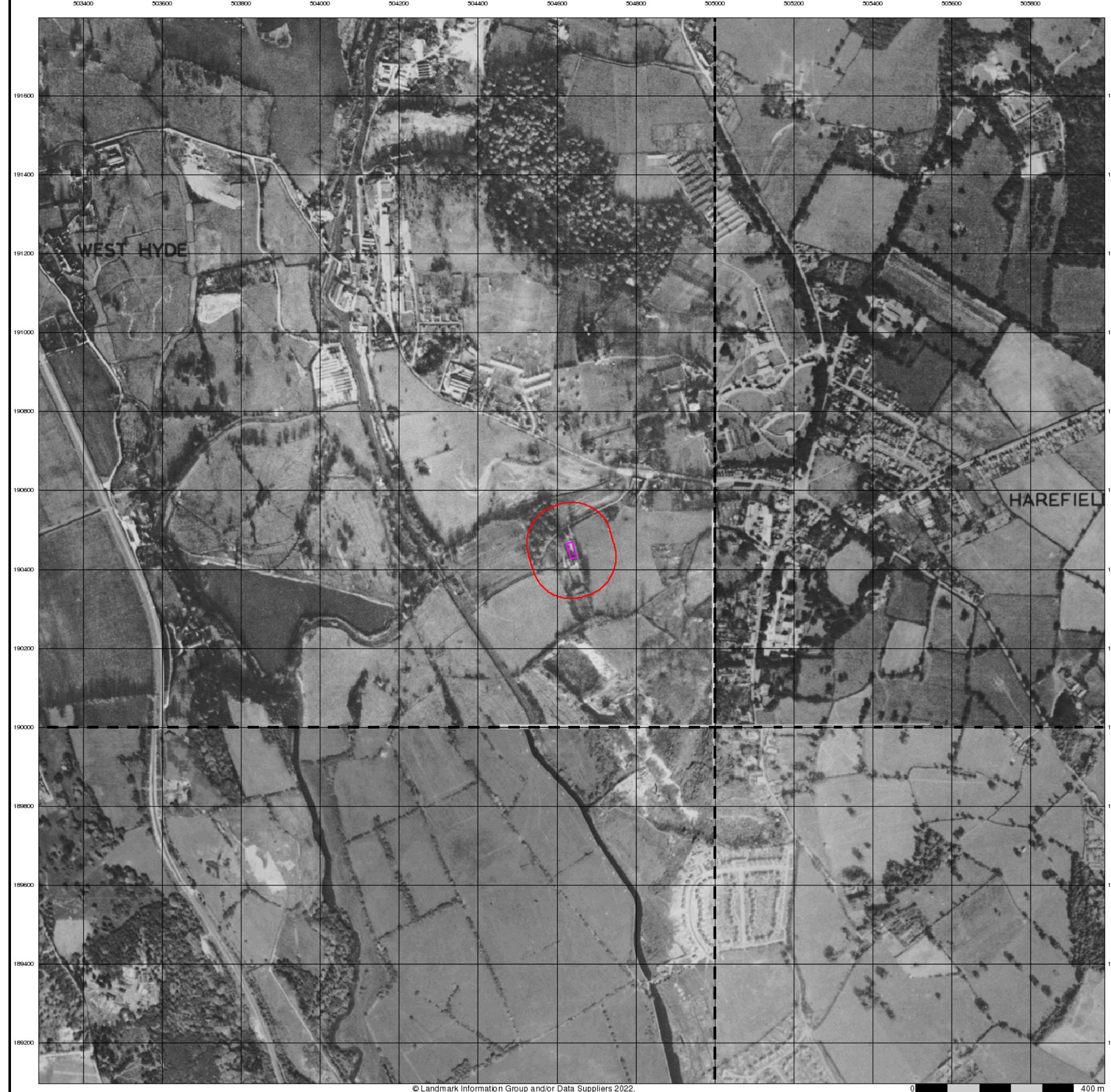

Historical Map - Slice A

Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ





Historical Aerial Photography

Published 1947 - 1948

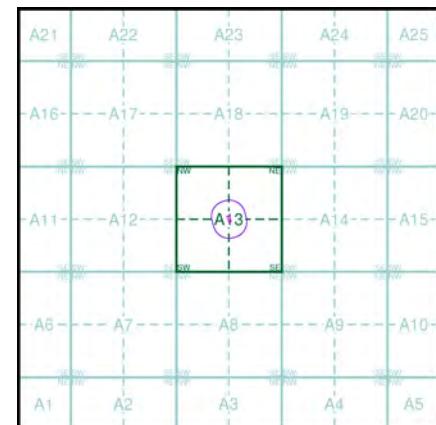
Source map scale - 1:10,560

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.

Map Name(s) and Date(s)

TQ09SW	TQ09SE
1947	1948
1:10,560	1:10,560
TQ08NW	TQ08NE
1948	1948
1:10,560	1:10,560

Historical Aerial Photography - Slice A



Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ

Ordnance Survey Plan

Published 1960

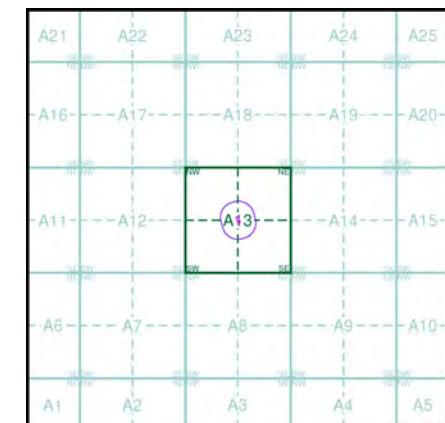
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TQ09SW	TQ09SE
1960	1960
1:10,560	1:10,560
—	—
TQ08NW	TQ08NE
1960	1960
1:10,560	1:10,560
—	—

Historical Map - Slice A

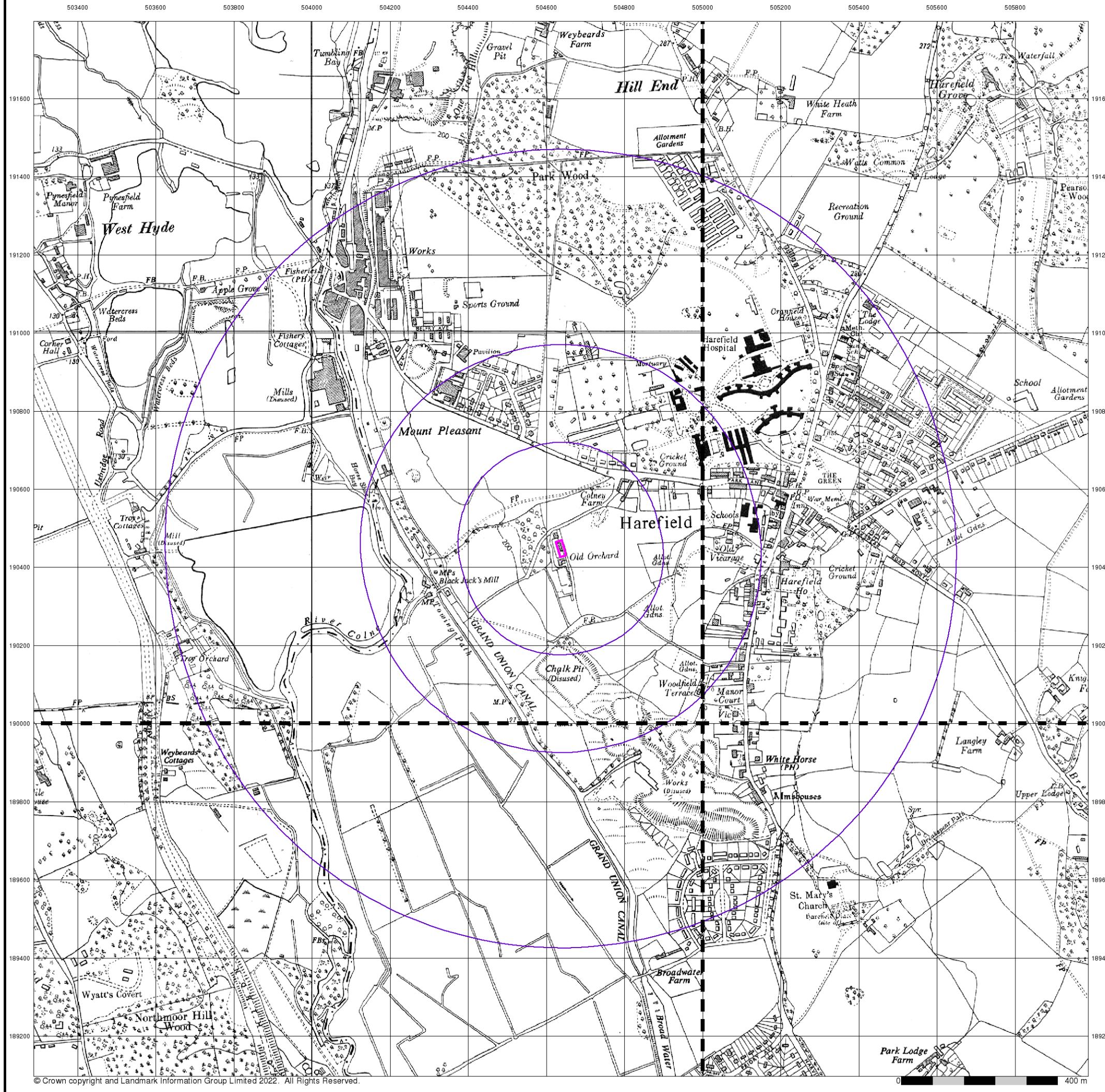


Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



Ordnance Survey Plan

Published 1965 - 1968

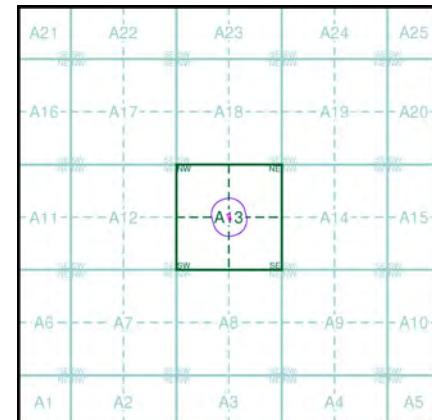
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

—	TQ09SE	1965	—
—	—	1:10,560	—
—	TQ08NE	1968	—
—	—	1:10,560	—
—	—	—	—

Historical Map - Slice A

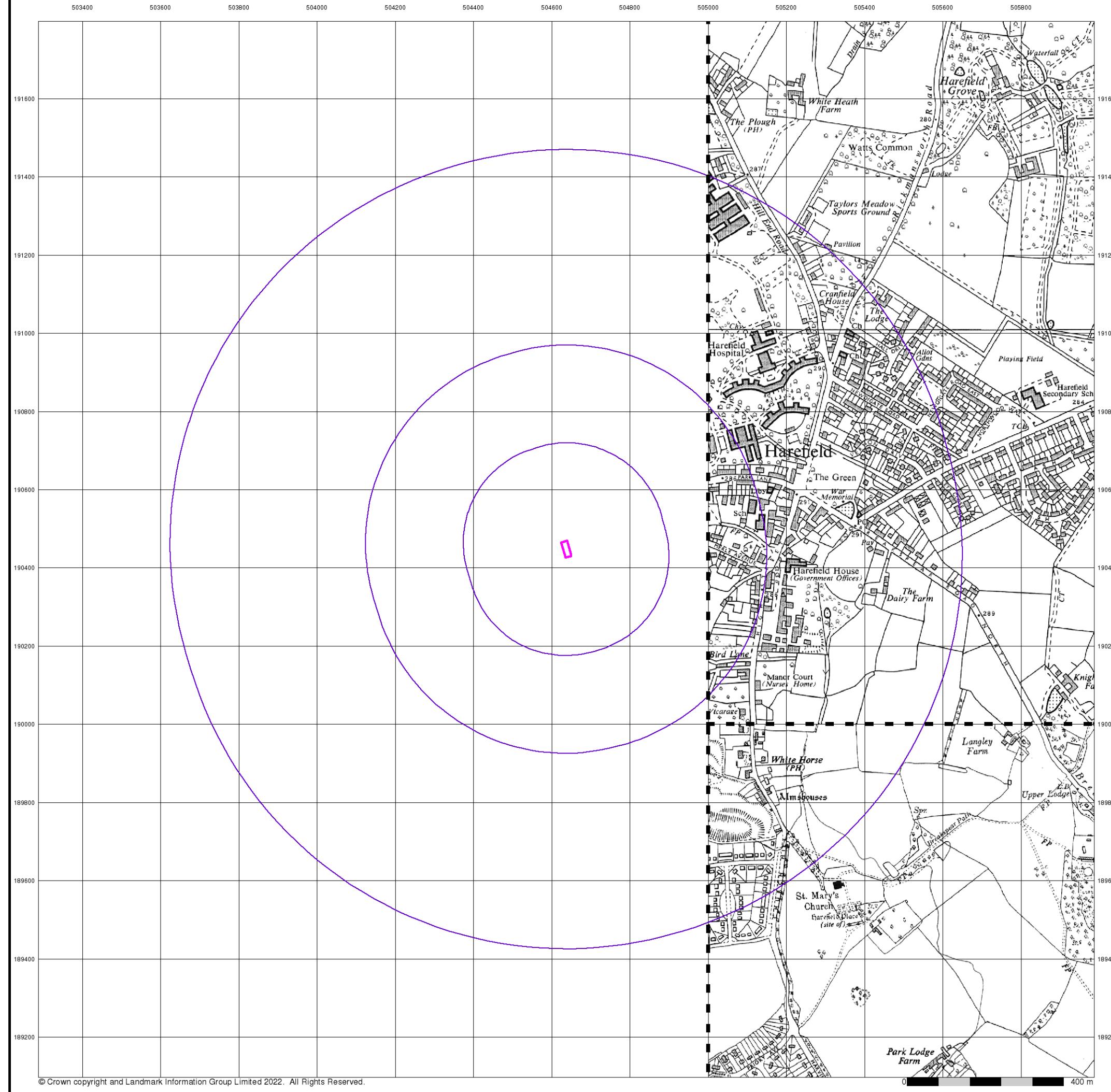


Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



Ordnance Survey Plan

Published 1970 - 1976

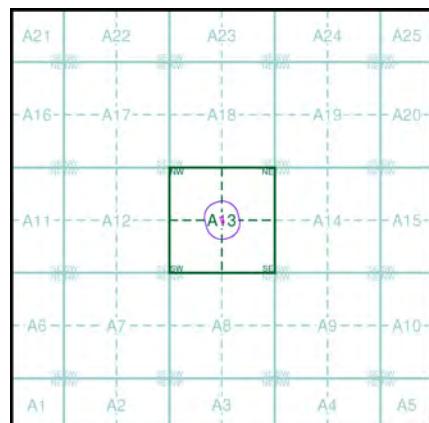
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TQ09SW	TQ09SE
1970	1976
1:10,560	1:10,000
—	—
TQ08NW	TQ08NE
1975	1975
1:10,000	1:10,000
—	—

Historical Map - Slice A

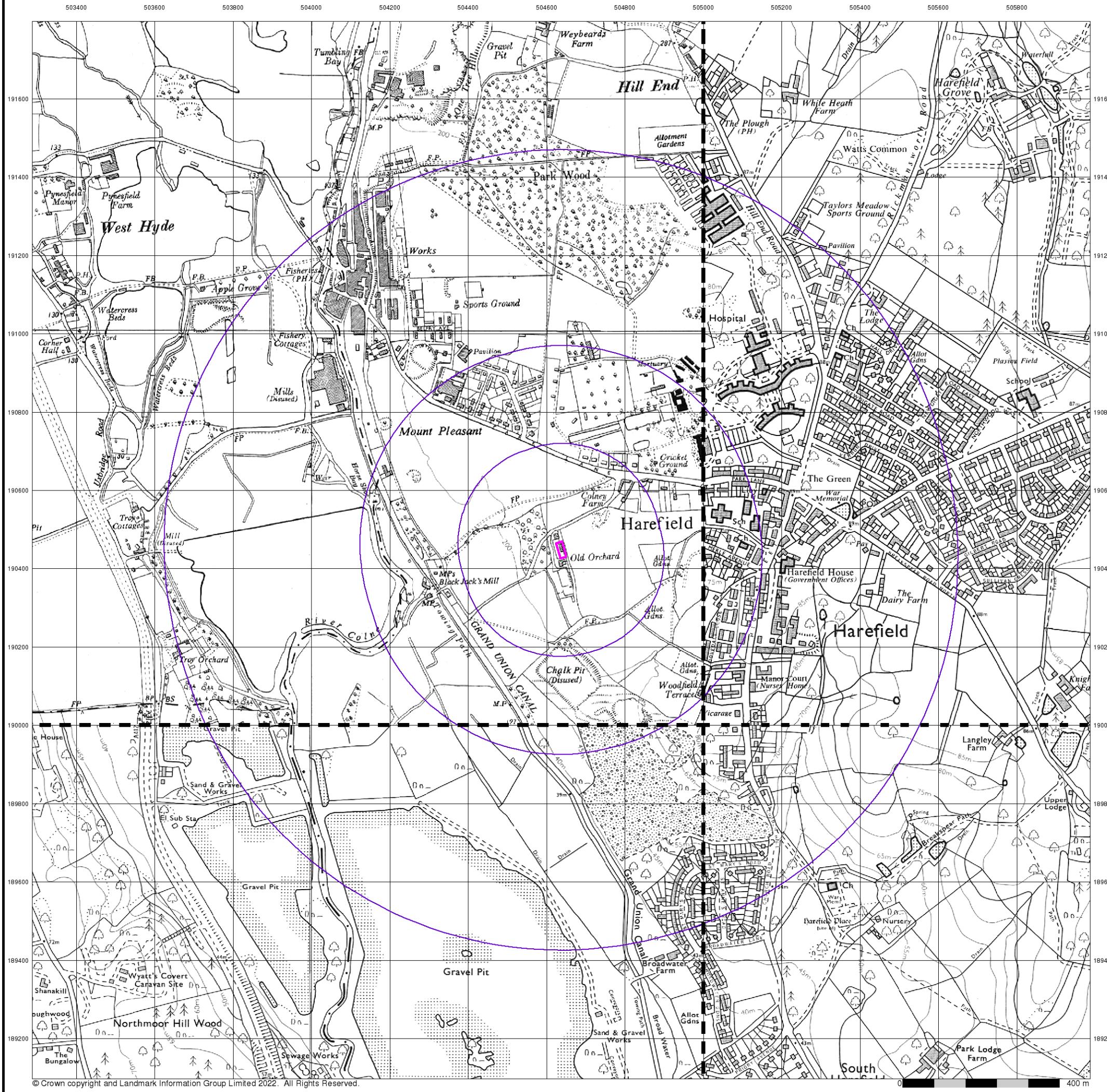


Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005 VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



Ordnance Survey Plan

Published 1976

Source map scale - 1:10,000

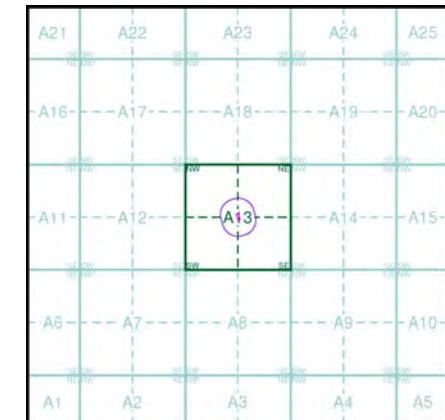
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)

TQ09SW
1976
1:10,000



Historical Map - Slice A

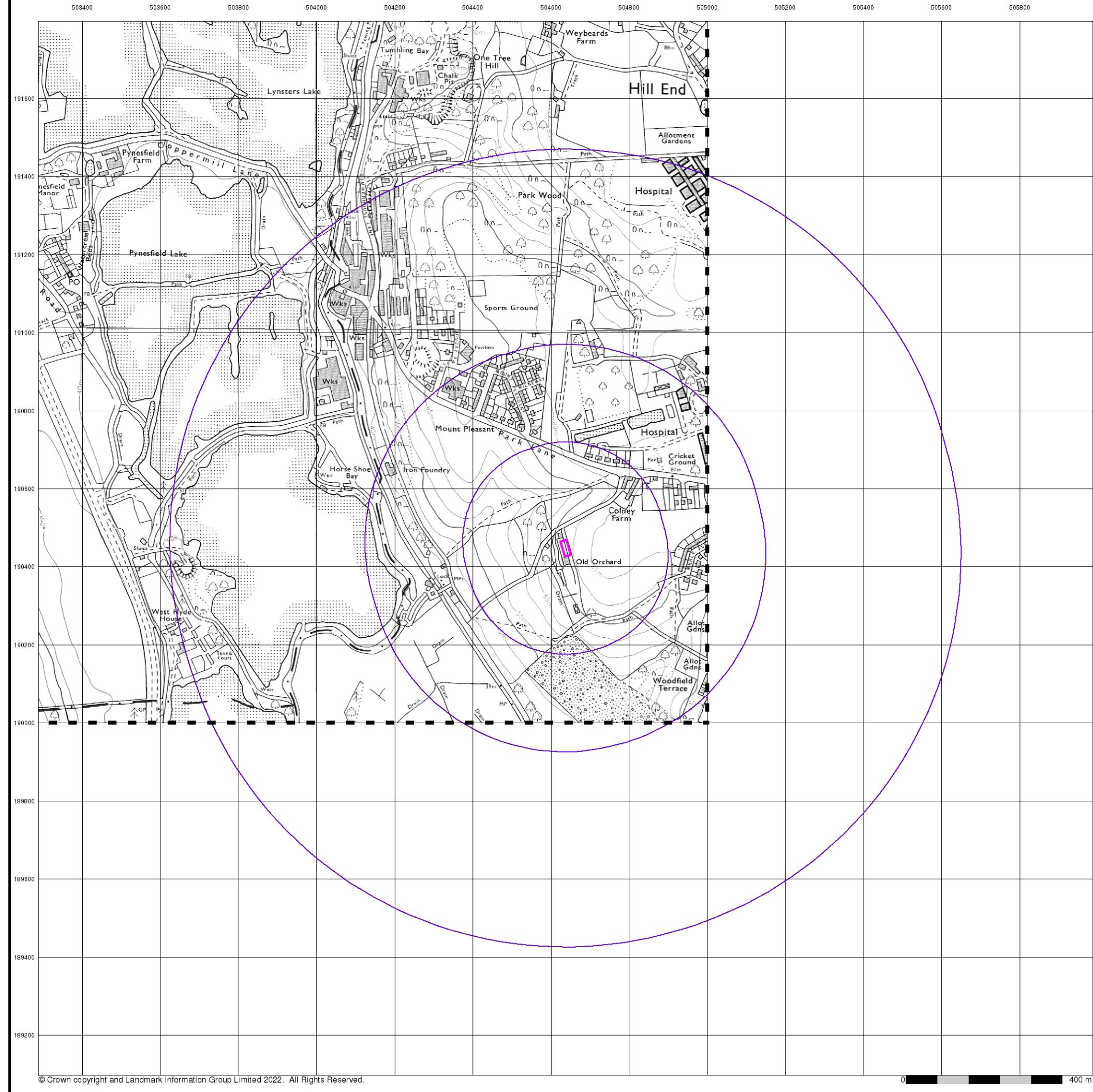


Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



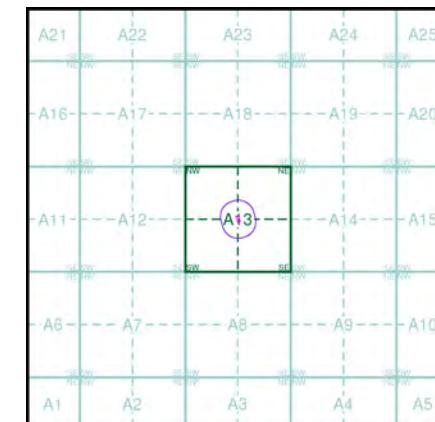
London
Published 1985
Source map scale - 1:25,000

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

- | TQ09
1985
| 1:25,000
- | TQ08
1985
| 1:25,000

Russian Map - Slice A

Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ

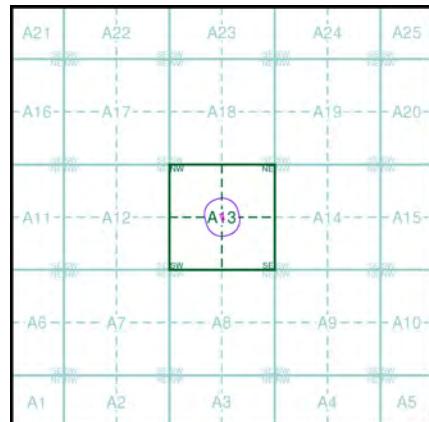


Ordnance Survey Plan
Published 1989
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

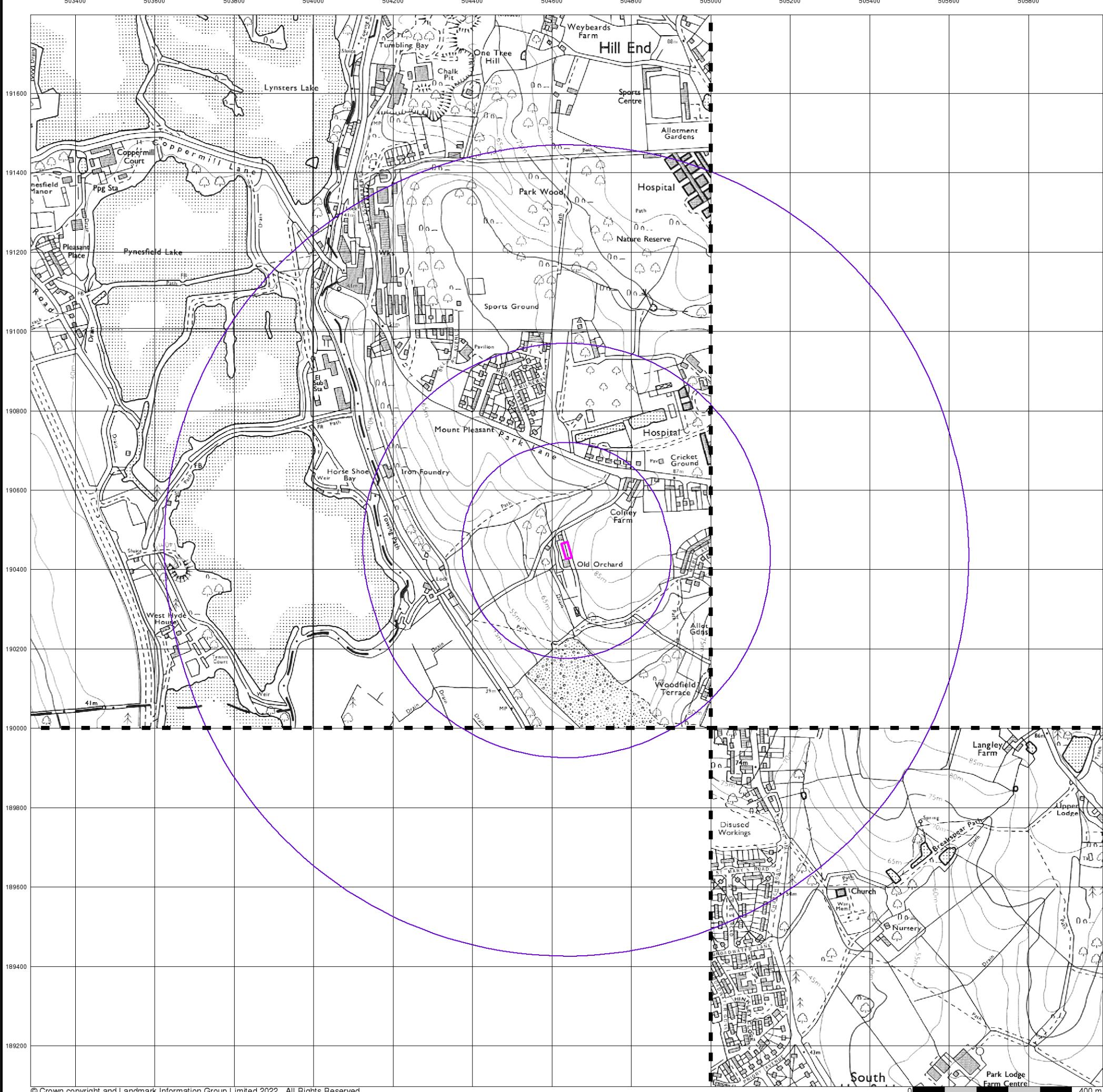
- - -	TQ09SW	- - -
	1989	
	1:10,000	
- - -	TQ08NE	- - -
	1989	
	1:10,000	
- - -		- - -

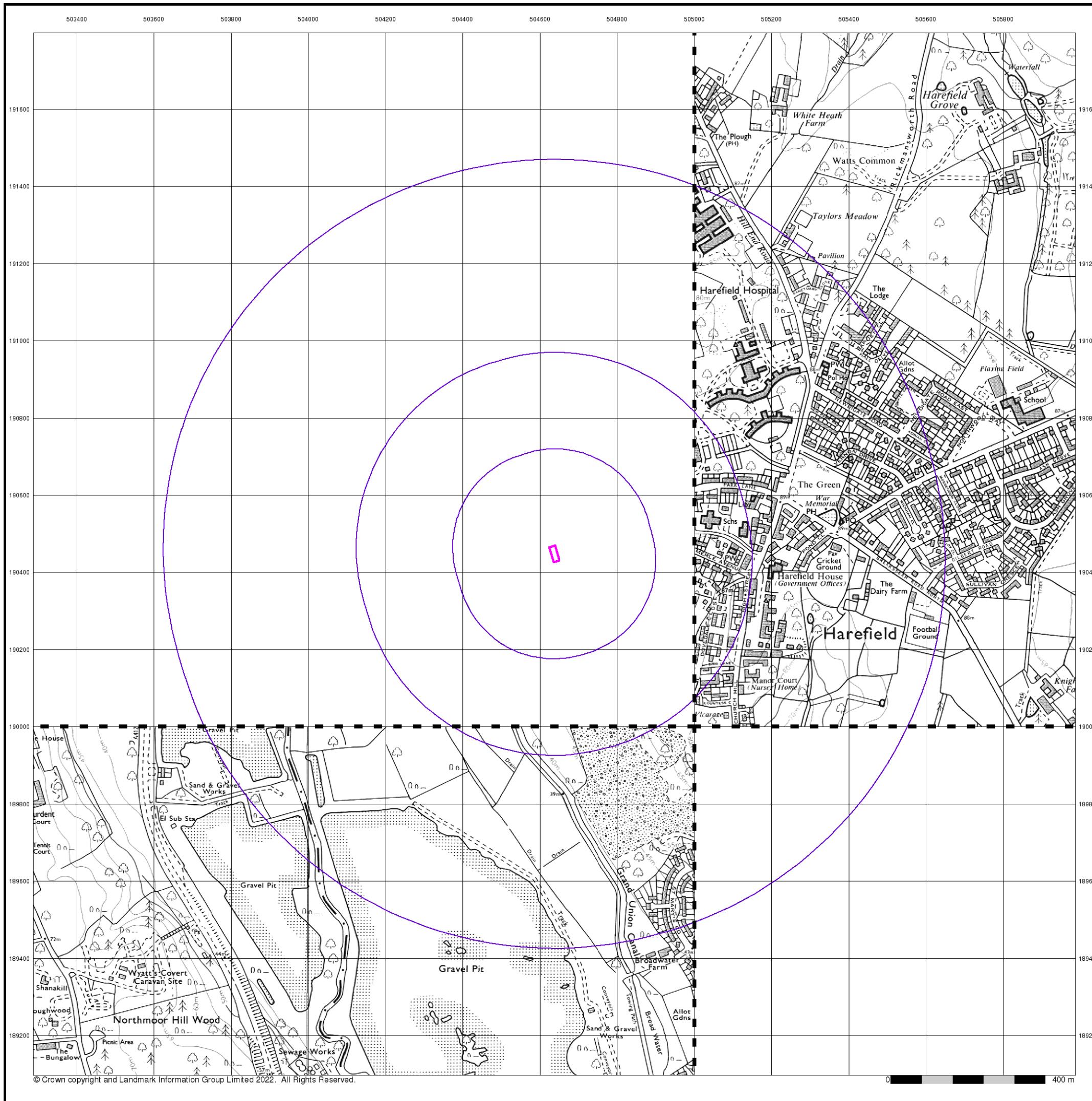
Historical Map - Slice A

Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ





Ordnance Survey Plan

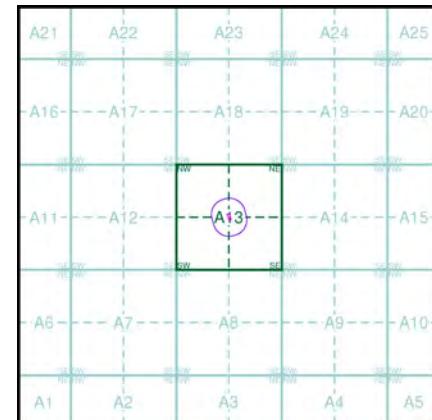
Published 1990

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

Historical Map - Slice A



Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ

10k Raster Mapping

Published 1999

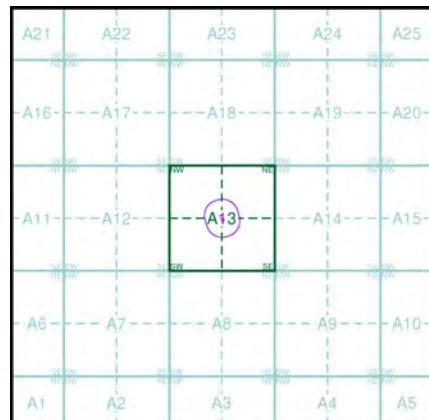
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TQ09SW	TQ09SE
1999	1999
1:10,000	1:10,000
—	—
TQ08NW	TQ08NE
1999	1999
1:10,000	1:10,000
—	—

Historical Map - Slice A



Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ



10k Raster Mapping

Published 2006

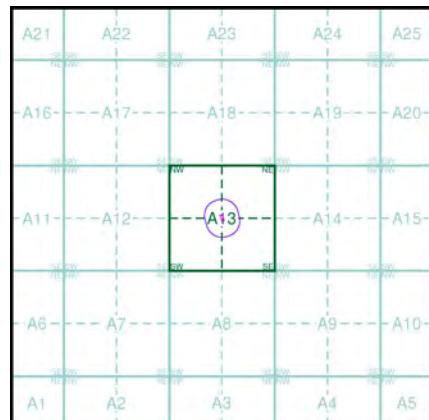
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TQ09SW	TQ09SE
2006	2006
1:10,000	1:10,000
—	—
TQ08NW	TQ08NE
2006	2006
1:10,000	1:10,000
—	—

Historical Map - Slice A

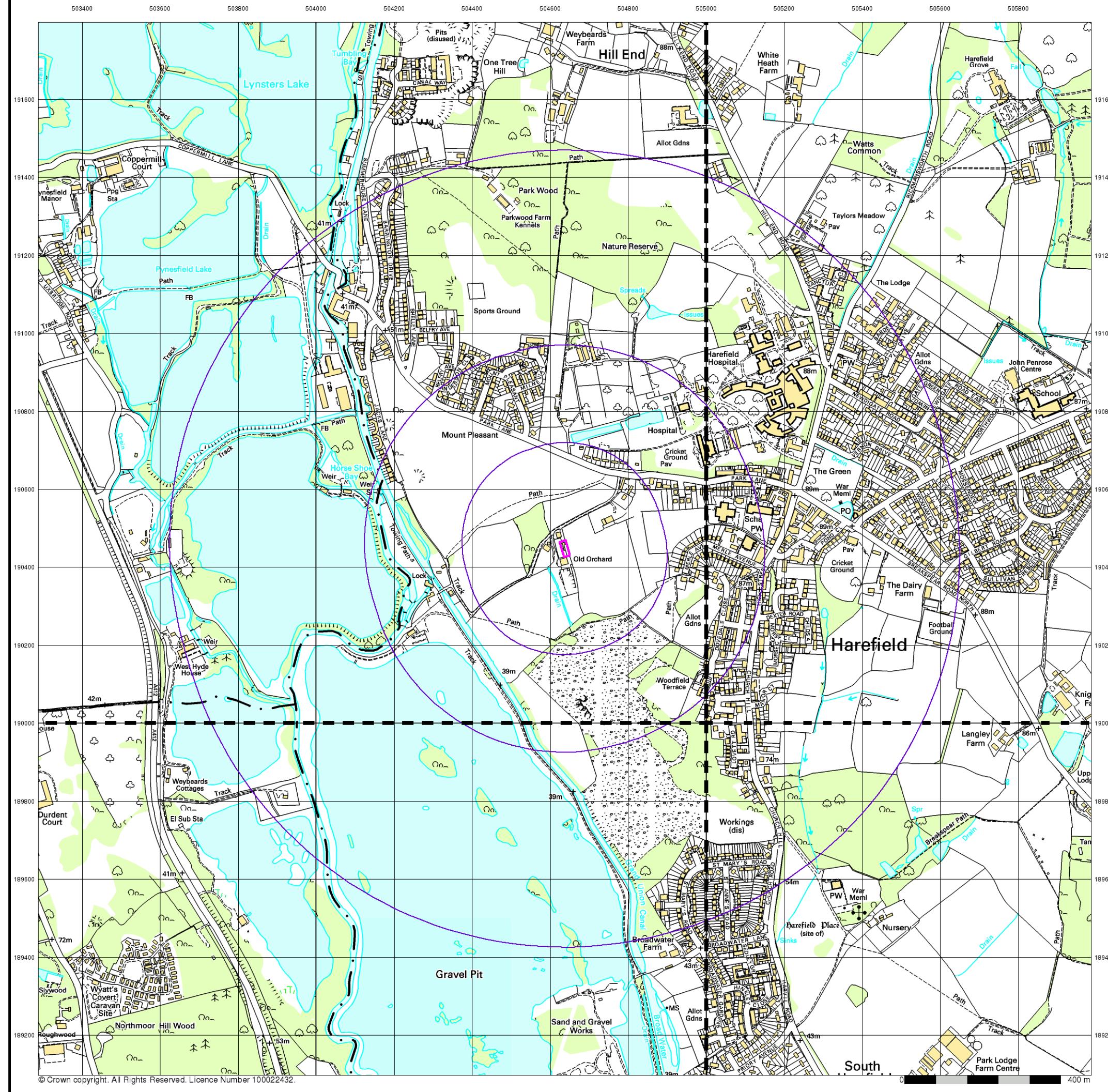


Order Details

Order Number: 289962449_1_1
Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



VectorMap Local

Published 2021

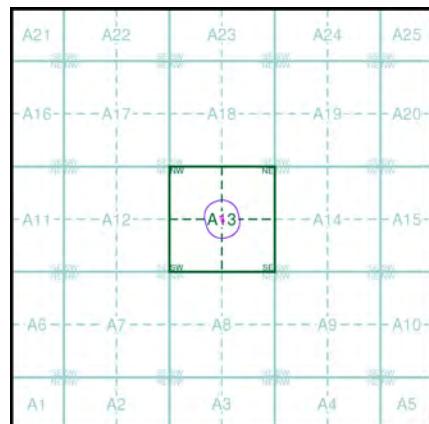
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TQ09SW	TQ09SE
2021	2021
Variable	Variable
TQ08NW	TQ08NE
2021	2021
Variable	Variable

Historical Map - Slice A



Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



APPENDIX D

Phase 1 Desk Study – Environmental Database Search Results and Mapping



Envirocheck® Report:

Datasheet

Order Details:

Order Number:
289962449_1_1

Customer Reference:
J15005_VF

National Grid Reference:
504640, 190450

Slice:
A

Site Area (Ha):
0.07

Search Buffer (m):
1000

Site Details:

Old Orchard Lodge, Park Lane
Harefield
UXBRIDGE
UB9 6HJ

Client Details:

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

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	45
Hazardous Substances	47
Geological	48
Industrial Land Use	56
Sensitive Land Use	63
Data Currency	65
Data Suppliers	72
Useful Contacts	73

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			2	31
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 10			1	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 11			Yes	
Pollution Incidents to Controlled Waters	pg 11				12
Prosecutions Relating to Authorised Processes	pg 13				1
Registered Radioactive Substances	pg 13				19
River Quality	pg 16			2	1
River Quality Biology Sampling Points	pg 17			1	
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 17				1
Water Abstractions	pg 17				14 (*61)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 36	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 36	1	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 36	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 36	Yes	n/a	n/a	n/a
Source Protection Zones	pg 36	2	1		
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 37			20	47

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 45		1		
Historical Landfill Sites	pg 45		1	1	2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 46				1
Potentially Infilled Land (Non-Water)	pg 46		1		2
Potentially Infilled Land (Water)	pg 46			2	2
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 47				3
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 48	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 48	Yes		Yes	Yes
BGS Recorded Mineral Sites	pg 49			2	10
BGS Urban Soil Chemistry	pg 51		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 53	Yes			
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	pg 54	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 54	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 54		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 54		Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 54	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 54	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 54	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 56			10	31
Fuel Station Entries	pg 59				1
Points of Interest - Commercial Services	pg 59			2	9
Points of Interest - Education and Health	pg 60				2
Points of Interest - Manufacturing and Production	pg 60				2
Points of Interest - Public Infrastructure	pg 60			3	11
Points of Interest - Recreational and Environmental	pg 62			2	1
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 63				2
Areas of Adopted Green Belt	pg 63	1	1	3	3
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 63	1			
Ramsar Sites					
Sites of Special Scientific Interest	pg 63		1		2
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: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	0	1	504650 190447
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	75	1	504550 190447
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	175	1	504450 190447
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	185	1	504500 190300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	196	1	504550 190250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	201	1	504450 190350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	222	1	504500 190250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	225	1	504400 190450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	225	1	504450 190300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	225	1	504400 190447
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	234	1	504400 190400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	242	1	504550 190200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	248	1	504400 190350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	275	1	504350 190450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	277	1	504350 190500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	278	1	504600 190150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	289	1	504550 190150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	313	1	504850 190700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	326	1	504637 190100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	327	1	504300 190500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	328	1	504600 190100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	336	1	504300 190550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	350	1	505000 190447
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	370	1	505000 190550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	376	1	504650 190050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	376	1	504637 190050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	384	1	504900 190750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	399	1	504250 190600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	401	1	505050 190400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	418	1	504250 190650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	426	1	504637 190000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	426	1	504650 190000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	428	1	504600 190000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	431	1	504700 190000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	443	1	504250 190700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	458	1	505000 190750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	474	1	504850 190000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	476	1	504650 189950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	486	1	504200 190700
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Black Jack Cottage, Harefieldblack Jack Cottageharefield Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.0462 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 13th October 2015 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Canal Environment: Receiving Water: Grand Union Canal Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A13SW (W)	331	2	504300 190400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Black Jack Cottage, Harefield Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.0462 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: Canal Receiving Water: Grand Union Canal Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m</p>	A13SW (W)	331	2	504300 190400
2	<p>Discharge Consents</p> <p>Operator: Jarvis (Harpden) Homes Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Off Black Jack Lane, Harefield, Herts Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctvc.1364 Permit Version: 1 Effective Date: 23rd December 1986 Issued Date: 23rd December 1986 Revocation Date: 22nd May 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Grand Union Canal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	575	2	504100 190700
3	<p>Discharge Consents</p> <p>Operator: Clancy Developments Ltd. Property Type: Undefined Or Other Location: Clare House Complex, Coppermill Lane, Harefield, Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.2403 Permit Version: 1 Effective Date: 28th August 1996 Issued Date: 28th August 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Colne(Flakes Channel) Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	745	2	504000 190870
4	<p>Discharge Consents</p> <p>Operator: Mr & Mrs Roberts Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 1,3&4 Fishery Cottages Coppermill Lane Harefield Middlesex Ub9 6hz Authority: Environment Agency, Thames Region Catchment Area: Colne Reference: Canm.0493 Permit Version: 1 Effective Date: 13th December 2002 Issued Date: 13th December 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Colne 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>	A17SE (NW)	790	2	504010 190960

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p>Discharge Consents</p> <p>Operator: Clancy Developments Ltd. Property Type: Extraction Of Stone, Gravel Etc. Location: Clancy Plant Hire Ltd Clare House Coppermill Lane Harefield Middlesex Ub9 6hz Authority: Environment Agency, Thames Region Catchment Area: Colne Reference: Canm.0821 Permit Version: 1 Effective Date: 18th June 2004 Issued Date: 18th June 2004 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: River Colne Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	799	2	503900 190800
5	<p>Discharge Consents</p> <p>Operator: Clancy Developments Ltd. Property Type: MINERAL/GRAVEL EXTRACTION/QUARRYING Location: Clancy Plant Hire Ltd Clare House Coppermill Lane Harefield Middlesex Ub9 6hz Authority: Environment Agency, Thames Region Catchment Area: Colne Reference: Canm.0723 Permit Version: 1 Effective Date: 20th March 2004 Issued Date: 20th March 2004 Revocation Date: 19th May 2006 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: The River Colne Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	799	2	503900 190800
6	<p>Discharge Consents</p> <p>Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Harefield Rubber, Harefieldharefield Rubberharefield Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1101 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 13th October 2015 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Canal Environment: Receiving Water: Grand Union Canal Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	824	2	504100 191100
6	<p>Discharge Consents</p> <p>Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Harefield Rubber, Harefieldharefield Rubberharefield Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1101 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: Canal Environment: Receiving Water: Grand Union Canal Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	824	2	504100 191100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>Discharge Consents</p> <p>Operator: Mr & Mrs Roberts Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Fishery Cottages, Coppermill Lane, West Hyde, Harefield, Middx, UB9 6HZ Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.1157 Permit Version: 1 Effective Date: 24th November 1993 Issued Date: 24th November 1993 Revocation Date: 13th December 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Colne Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	891	2	504000 191100
7	<p>Discharge Consents</p> <p>Operator: Ind Coope Benskins Ltd Property Type: FOOD+BEVERAGE SERVICES/CAFE/RESTAURANT/PUB Location: Fisheries Inn, Coppermill Lane, West Hyde, Harefield, Middlesex, UB9 6HZ Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcu.1123 Permit Version: 1 Effective Date: 8th January 1982 Issued Date: 8th January 1982 Revocation Date: 26th July 1991 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Gravel Strata Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	891	2	504000 191100
7	<p>Discharge Consents</p> <p>Operator: F E Mathews Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Fishery Cottages, Coppermill Lane, West Hyde, Harefield, Middx, UB9 6HZ Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcr.0729 Permit Version: 1 Effective Date: 13th October 1964 Issued Date: 13th October 1964 Revocation Date: 24th November 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Colne Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location</p>	A17SE (NW)	891	2	504000 191100
7	<p>Discharge Consents</p> <p>Operator: R R Yeo, 50 Kenilworth Rd, Croxley Green, Herts Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Fishery Cottages, Coppermill Lane, West Hyde, Harefield, Middx, UB9 6HZ Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcr.0646 Permit Version: 1 Effective Date: 23rd September 1963 Issued Date: 23rd September 1963 Revocation Date: 23rd November 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Flakes Channel Of Colne Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location</p>	A17SE (NW)	891	2	504000 191100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Harefield Rubber Co.Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Harefield Rubber Co. Ltd, Bell Works, Harefield, Middx, Ub9 6hg Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1709 Permit Version: 1 Effective Date: 5th November 1980 Issued Date: 5th November 1980 Revocation Date: 3rd April 1990 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	904	2	504100 191200
8	Discharge Consents Operator: Harefield Rubber Co.Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Harefield Rubber Co. Ltd, Bell Works, Harefield, Middx, Ub9 6hg Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1710 Permit Version: 1 Effective Date: 5th November 1980 Issued Date: 5th November 1980 Revocation Date: 3rd April 1990 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	904	2	504100 191200
8	Discharge Consents Operator: Harefield Rubber Co.Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Harefield Rubber Co. Ltd, Bell Works, Harefield, Middx, Ub9 6hg Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1711 Permit Version: 1 Effective Date: 5th November 1980 Issued Date: 5th November 1980 Revocation Date: 3rd April 1990 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	904	2	504100 191200
8	Discharge Consents Operator: Harefield Rubber Co.Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Harefield Rubber Co. Ltd, Bell Works, Harefield, Middx, Ub9 6hg Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1712 Permit Version: 1 Effective Date: 5th November 1980 Issued Date: 5th November 1980 Revocation Date: 3rd April 1990 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	904	2	504100 191200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Discharge Consents</p> <p>Operator: Harefield Rubber Co.Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Harefield Rubber Co. Ltd, Bell Works, Harefield, Middx, Ub9 6hg Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1713 Permit Version: 1 Effective Date: 5th November 1980 Issued Date: 5th November 1980 Revocation Date: 3rd April 1990 Discharge Type: Trade Discharges - Cooling Water Discharge Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	904	2	504100 191200
8	<p>Discharge Consents</p> <p>Operator: Harefield Rubber Co.Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Harefield Rubber Co. Ltd, Bell Works, Harefield, Middx, Ub9 6hg Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1714 Permit Version: 1 Effective Date: 5th November 1980 Issued Date: 5th November 1980 Revocation Date: 3rd April 1990 Discharge Type: Trade Discharges - Cooling Water Discharge Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	904	2	504100 191200
8	<p>Discharge Consents</p> <p>Operator: Harefield Rubber Co.Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Harefield Rubber Co. Ltd, Bell Works, Harefield, Middx, Ub9 6hg Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1715 Permit Version: 1 Effective Date: 5th November 1980 Issued Date: 5th November 1980 Revocation Date: 3rd April 1990 Discharge Type: Trade Effluent Discharge Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	904	2	504100 191200
9	<p>Discharge Consents</p> <p>Operator: Messrs J.D. Miles & K.E. Kirby Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Fishery Cottages, Coppermill Lane, West Hyde, Harefield, Middx, Ub9 6hz Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.1156 Permit Version: 1 Effective Date: 25th November 1993 Issued Date: 25th November 1993 Revocation Date: 13th December 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Freshwater Stream/River Environment: Receiving Water: River Colne Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	928	2	504000 191150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Allied Domecq Inns Property Type: FOOD+BEVERAGE SERVICES/CAFE/RESTAURANT/PUB Location: Fisheries Inn, Coppermill Lane, West Hyde, Harefield, Middlesex, UB9 6HZ Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTCU.0654 Permit Version: 1 Effective Date: 8th May 1974 Issued Date: 8th May 1974 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Onto Land Receiving Water: Gravel Strata Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	965	2	504000 191200
10	Discharge Consents Operator: Bass Leisure Retail Property Type: FOOD+BEVERAGE SERVICES/CAFE/RESTAURANT/PUB Location: The Fisheries Public House, Junction Park Lane, Harefield, Herts Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.2053 Permit Version: 1 Effective Date: 11th October 1995 Issued Date: 11th October 1995 Revocation Date: 15th December 2000 Discharge Type: Non Water Company (Private) Sewage Discharge Environment: Freshwater Stream/River Receiving Water: River Colne Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	962	2	503950 191150
11	Discharge Consents Operator: Mr Khaled Al-Babtain Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: An Stp Serving Troy House Old Uxbridge Road West Hyde Rickmansworth Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: NPSWQD001433 Permit Version: 1 Effective Date: 9th April 2008 Issued Date: 9th April 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Colne Troy Arm Loop Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12SW (W)	974	2	503677 190238
12	Discharge Consents Operator: Harefield Rubber Co. Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Bell Works, Park Lane, Harefield, Herts, UB9 6HG Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTWC.0833 Permit Version: 1 Effective Date: 22nd April 1986 Issued Date: 22nd April 1986 Revocation Date: 25th September 1986 Discharge Type: Trade Discharges - Cooling Water Discharge Environment: Canal Receiving Water: Grand Union Canal Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	983	2	504100 191295

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: Harefield Rubber Co. Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Bell Works, Park Lane, Harefield, Herts, UB9 6HG Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0833 Permit Version: 2 Effective Date: 26th September 1986 Issued Date: 22nd April 1986 Revocation Date: 3rd April 1990 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	987	2	504100 191300
12	Discharge Consents Operator: Harefield Rubber Co. Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Bell Works, Park Lane, Harefield, Herts, UB9 6HG Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0834 Permit Version: 1 Effective Date: 22nd April 1986 Issued Date: 22nd April 1986 Revocation Date: 3rd April 1990 Discharge Type: Trade Boiler Blowdown Effluent: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	987	2	504100 191300
12	Discharge Consents Operator: Harefield Rubber Co.Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Harefield Rubber Co. Ltd, Bell Works, Harefield, Middx, UB9 6HG Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1704 Permit Version: 1 Effective Date: 5th November 1980 Issued Date: 5th November 1980 Revocation Date: 3rd April 1990 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	987	2	504100 191300
12	Discharge Consents Operator: Harefield Rubber Co.Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Harefield Rubber Co. Ltd, Bell Works, Harefield, Middx, UB9 6HG Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1705 Permit Version: 1 Effective Date: 5th November 1980 Issued Date: 5th November 1980 Revocation Date: 3rd April 1990 Discharge Type: Trade Boiler Blowdown Effluent: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	987	2	504100 191300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: Harefield Rubber Co.Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Harefield Rubber Co. Ltd, Bell Works, Harefield, Middx, Ub9 6hg Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1706 Permit Version: 1 Effective Date: 5th November 1980 Issued Date: 5th November 1980 Revocation Date: 3rd April 1990 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	987	2	504100 191300
12	Discharge Consents Operator: Harefield Rubber Co.Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Harefield Rubber Co. Ltd, Bell Works, Harefield, Middx, Ub9 6hg Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1707 Permit Version: 1 Effective Date: 5th November 1980 Issued Date: 5th November 1980 Revocation Date: 3rd April 1990 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	987	2	504100 191300
12	Discharge Consents Operator: Harefield Rubber Co.Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Harefield Rubber Co. Ltd, Bell Works, Harefield, Middx, Ub9 6hg Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1708 Permit Version: 1 Effective Date: 5th November 1980 Issued Date: 5th November 1980 Revocation Date: 3rd April 1990 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	987	2	504100 191300
12	Discharge Consents Operator: Vulcansons Ltd Property Type: Undefined Or Other Location: Factory Premises, Harefield Mills, Harefield, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcp.0441 Permit Version: 1 Effective Date: 16th November 1964 Issued Date: 16th November 1964 Revocation Date: 21st January 1981 Discharge Type: Unknown Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location	A17NE (NW)	987	2	504100 191300
13	Local Authority Pollution Prevention and Controls Name: Dry Clean 2 Door Location: 42 School Parade, Uxbridge, Middlesex, Ub9 6bu Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/DC/028 Dated: 25th October 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A14SW (E)	489	3	505139 190419

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nearest Surface Water Feature	A13NE (N)	252	-	504663 190720
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 10th December 1998 Incident Reference: THNE1998041329 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	A12NE (W)	542	2	504100 190600
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 12th September 1995 Incident Reference: N1950511 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	551	2	505200 190400
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed As A Pollution Incident Incident Date: 4th September 1995 Incident Reference: N1950496 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	A12NE (NW)	575	2	504100 190700
17	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 26th April 1995 Incident Reference: N1950210 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	663	2	505300 190300
18	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Jacks Lane, HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 23rd July 1996 Incident Reference: N1960387 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	A17SE (NW)	750	2	504100 191000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 14th May 1993 Incident Reference: N1930184 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	A17SE (NW)	824	2	504100 191100
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 16th March 1992 Incident Reference: N1920151 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	A17NE (NW)	850	2	504200 191200
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Old Park Wood, HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 14th February 1991 Incident Reference: N1910060 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	A18NE (N)	871	2	504900 191300
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Maple Lodge Stw Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Yes Incident Date: 9th January 1991 Incident Reference: N1910010 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	A17SE (NW)	884	2	504005 191095
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 27th May 1993 Incident Reference: N1930197 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	A17SE (NW)	888	2	504000 191095
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST HYDE Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Natural Note: Not Supplied Incident Date: 21st August 1996 Incident Reference: N1960451 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	A17SW (NW)	927	2	503950 191100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HAREFIELD Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 21st July 1992 Incident Reference: N1920423 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	A17NE (NW)	987	2	504100 191300
25	Prosecutions Relating to Authorised Processes Location: Harven Form Foundry, Jacks Lane, Harefield, UXBRIDGE, Middlesex, UB9 6HE Prosecution Text: Environment Times 1997, Flytipping tree cuttings at the former Harven Form Foundry. Prosecution Act: EPA90 Hearing Date: 19th May 1997 Verdict: Guilty Fine: 500 Costs: 490 Positional Accuracy: Manually positioned to the road within the address or location	A12NE (NW)	537	2	504168 190747
26	Registered Radioactive Substances Name: Ministry Of Defence Location: Aqd Laboratories, Harefield, UXBRIDGE, Middlesex, UB8 Authority: Environment Agency, Thames Region Permit Reference: AM9900 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA made by Ministry of Defence Status: Authorisation either revoked or cancelled Positional Accuracy: Unknown	A14SW (E)	606	2	505250 190350
27	Registered Radioactive Substances Name: Imperial College Of Science, Technology And Medicine Location: The Heart Science Centre, Harefield Hospital, Hill End Road, Harefield, Uxbridge, UB9 6jh Authority: Environment Agency, Thames Region Permit Reference: Bz5167 Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Automatically positioned to the address	A19SW (NE)	654	2	505166 190856
27	Registered Radioactive Substances Name: Imperial College Of Science, Technology And Medicine Location: The Heart Science Centre, Harefield Hospital, Hill End Road, Harefield, Uxbridge, UB9 6jh Authority: Environment Agency, Thames Region Permit Reference: CD6756 Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Automatically positioned to the address	A19SW (NE)	654	2	505166 190856
27	Registered Radioactive Substances Name: Royal Brompton & Harefield Nhs Foundation Trust Location: Department Of Nuclear Medicine, Harefield Hospital, Hill End Road, Uxbridge, UB9 6jh Authority: Environment Agency, Thames Region Permit Reference: CD9569 Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Automatically positioned to the address	A19SW (NE)	654	2	505166 190856

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Registered Radioactive Substances Name: Royal Brompton & Harefield Nhs Foundation Trust Location: Department Of Nuclear Medicine, Harefield Hospital, Hill End Road, Uxbridge, UB9 6jh Authority: Environment Agency, Thames Region Permit Reference: CD9542 Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied Status: Application has been determined by the EA Positional Accuracy: Automatically positioned to the address	A19SW (NE)	654	2	505166 190856
27	Registered Radioactive Substances Name: Royal Brompton And Harefield Nhs Foundation Trust Location: Hill End Road, Harefield, Uxbridge, Middlesex, UB9 6JH Authority: Environment Agency, Thames Region Permit Reference: CB6259 Dated: 12th November 2007 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SW (NE)	655	2	505167 190856
27	Registered Radioactive Substances Name: Imperial College London Location: Hill End Road, Harefield, UXBRIDGE, Middlesex, UB9 6JH Authority: Environment Agency, Thames Region Permit Reference: Bz5159 Dated: 29th December 2005 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of multiple open sources which are also the subject of authorisations Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SW (NE)	655	2	505167 190856
27	Registered Radioactive Substances Name: Royal Brompton And Harefield Nhs Foundation Trust Location: Hill End Road, Harefield, Uxbridge, Middlesex, UB9 6JH Authority: Environment Agency, Thames Region Permit Reference: Bz2010 Dated: 7th June 2005 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Initial variation to an authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SW (NE)	655	2	505167 190856
27	Registered Radioactive Substances Name: Imperial College London Location: Heart and Science Centre, Hill End Road, Harefield, Uxbridge, Middlesex, UB9 6JH Authority: Environment Agency, Thames Region Permit Reference: By4629 Dated: 6th December 2004 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a new application Positional Accuracy: Automatically positioned to the address	A19SW (NE)	655	2	505167 190856
27	Registered Radioactive Substances Name: Imperial College London Location: Heart and Science Centre, Hill End Road, Harefield, Uxbridge, Middlesex, UB9 6JH Authority: Environment Agency, Thames Region Permit Reference: By4637 Dated: 6th December 2004 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a new application Positional Accuracy: Automatically positioned to the address	A19SW (NE)	655	2	505167 190856

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Registered Radioactive Substances Name: Royal Brompton And Harefield Nhs Foundation Trust Location: Hill End Road, Harefield, Uxbridge, Middlesex, UB9 6JH Authority: Environment Agency, Thames Region Permit Reference: Bw6833 Dated: 1st December 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SW (NE)	655	2	505167 190856
27	Registered Radioactive Substances Name: Royal Brompton And Harefield Nhs Foundation Trust Location: Hill End Road, Harefield, Uxbridge, Middlesex, UB9 6JH Authority: Environment Agency, Thames Region Permit Reference: Bt6853 Dated: 8th May 2003 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SW (NE)	655	2	505167 190856
27	Registered Radioactive Substances Name: Imperial College London Location: Heart and Science Centre, Hill End Road, Harefield, Uxbridge, Middlesex, UB9 6JH Authority: Environment Agency, Thames Region Permit Reference: Bt7515 Dated: 31st March 2003 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Discretionary registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SW (NE)	655	2	505167 190856
27	Registered Radioactive Substances Name: Imperial College London Location: Heart and Science Centre, Hill End Road, Harefield, Uxbridge, Middlesex, UB9 6JH Authority: Environment Agency, Thames Region Permit Reference: Bt7531 Dated: 31st March 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SW (NE)	655	2	505167 190856
27	Registered Radioactive Substances Name: Royal Brompton And Harefield Nhs Foundation Trust Location: Hill End Road, Harefield, Uxbridge, Middlesex, UB9 6JH Authority: Environment Agency, Thames Region Permit Reference: BB4952 Dated: 29th November 1999 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SW (NE)	655	2	505167 190856
27	Registered Radioactive Substances Name: Royal Brompton And Harefield Nhs Foundation Trust Location: Hill End Road, Harefield, Uxbridge, Middlesex, UB9 6JH Authority: Environment Agency, Thames Region Permit Reference: BB4936 Dated: 5th February 1999 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SW (NE)	655	2	505167 190856

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Registered Radioactive Substances Name: Royal Brompton And Harefield Nhs Foundation Trust Location: Hill End Road, Harefield, Uxbridge, Middlesex, UB9 6JH Authority: Environment Agency, Thames Region Permit Reference: AY7712 Dated: 16th September 1997 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SW (NE)	655	2	505167 190856
27	Registered Radioactive Substances Name: Royal Brompton And Harefield Nhs Foundation Trust Location: Hill End Road, Harefield, Uxbridge, Middlesex, UB9 6JH Authority: Environment Agency, Thames Region Permit Reference: AO8106 Dated: 5th July 1995 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SW (NE)	655	2	505167 190856
27	Registered Radioactive Substances Name: Royal Brompton And Harefield Nhs Trust Location: Harefield Hospital, Harefield, UXBRIDGE, Middlesex, UB9 6JH Authority: Environment Agency, Thames Region Permit Reference: AB3919 Dated: 30th November 1992 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA dated pre April 1991 Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A19SW (NE)	655	2	505167 190856
	River Quality Name: Colne GQA Grade: River Quality B Reach: Guc (Harefield Reach) - Misbourne Estimated Distance (km): 6.8 Flow Rate: Flow less than 5 cumecs Flow Type: River Year: 2000	A13SW (SW)	281	2	504396 190280
	River Quality Name: Guc (Black Jacks Reach) GQA Grade: River Quality C Reach: Source - Colne Estimated Distance (km): 1.2 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A12NE (W)	393	2	504248 190578
	River Quality Name: Guc (Denham Reach) GQA Grade: River Quality D Reach: Source - New Denham Strm Estimated Distance (km): 5.3 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A12SE (W)	602	2	504027 190394

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	River Quality Biology Sampling Points Name: Grand Union Canal (Denham Reach) Reach: Source To New Denham Stream Estimated Distance: 5.30 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade Not Supplied Year: 1995 GQA Grade: River Quality Biology GQA Grade Not Supplied Year: 2000 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2002 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2003 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2004 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2005 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2006 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2007 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2008 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2009 GQA Grade: River Quality Biology GQA Grade B - Good	A12NE (W)	484	2	504160 190600
29	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 14th April 2003 Incident Reference: 153652 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Oils - Diesel (Including Agricultural)	A17SE (NW)	713	2	504034 190863
30	Water Abstractions Operator: Rickmansworth Sailing Club Licence Number: 28/39/28/0432 Permit Version: 100 Location: Borehole At Troy Lake, West Hyde, Rickmansworth Authority: Environment Agency, Thames Region Abstraction: Sports Grounds/Facilities: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 18 Yearly Rate (m3): 4546 Details: Troy Lake, West Hyde Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th March 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NE (W)	639	2	504000 190600
31	Water Abstractions Operator: Clancy Plant Hire Limited Licence Number: 28/39/28/0584 Permit Version: 1 Location: Clare House, Coppermill Lane- Borehole Authority: Environment Agency, Thames Region Abstraction: Environmental: Pump & Treat: Pollution Remediation Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Clare House, Coppermill Lane, Harefield, Middlesex. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	687	2	504050 190840

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	Water Abstractions Operator: Harefield Hospital Nhs Trust Licence Number: 28/39/28/0514 Permit Version: 100 Location: Borehole At Harefield Hospital, Harefield, Middlesex Authority: Environment Agency, Thames Region Abstraction: Hospitals: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 190 Yearly Rate (m3): 60000 Details: Harefield Hospital, Harefield, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th October 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	772	2	505200 191000
33	Water Abstractions Operator: Royal Brompton And Harefield Nhs Trust Licence Number: 28/39/28/0514 Permit Version: 101 Location: Harefield Hospital- Borehole Authority: Environment Agency, Thames Region Abstraction: Hospitals: 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: Harefield Hospital, Harefield, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th September 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	781	2	505100 191100
34	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 106 Location: Northmoor Pumping Station 'H1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	929	2	503930 189822
34	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 105 Location: Northmoor Pumping Station 'H1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	929	2	503930 189822

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 104 Location: Northmoor Pumping Station 'H1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th March 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	929	2	503930 189822
34	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 106 Location: Northmoor Pumping Station 'H2' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	931	2	503930 189819
34	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 105 Location: Northmoor Pumping Station 'H2' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	931	2	503930 189819
34	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 104 Location: Northmoor Pumping Station 'H2' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th March 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	931	2	503930 189819

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 103 Location: Northmoor Pumping Station Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	966	2	503900 189800
34	Water Abstractions Operator: Veolia Water Central Limited Licence Number: 28/39/28/0480 Permit Version: 102 Location: Northmoor Pumping Station Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th July 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	966	2	503900 189800
34	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 28/39/28/0480 Permit Version: 101 Location: Northmoor Pumping Station Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th September 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	966	2	503900 189800
34	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 28/39/28/0480 Permit Version: 100 Location: Northmoor Pumping Station Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 20457 Yearly Rate (m3): 1 Details: Annual Abstraction Total Aggregated To Another Licence For Quantity Purposes. Chalk (Undifferentiate) Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	966	2	503900 189800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 106 Location: Northmoor Pumping Station 'H3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	1024	2	503861 189756
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 105 Location: Northmoor Pumping Station 'H3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	1024	2	503861 189756
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 104 Location: Northmoor Pumping Station 'H3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th March 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	1024	2	503861 189756
	Water Abstractions Operator: Tarmac Aggregates Limited Licence Number: 28/39/28/0052 Permit Version: 104 Location: Broadwater, Harefield Moor-Wet Gravel Pit 'B' Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Broadwater, Harefield Moor, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th October 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NE (S)	1228	2	504700 189200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Lafarge Aggregates Limited Licence Number: 28/39/28/0052 Permit Version: 103 Location: Broadwater, Harefield Moor-Wet Gravel Pit 'B' Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Broadwater, Harefield Moor, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th September 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NE (S)	1228	2	504700 189200
	Water Abstractions Operator: Lafarge Aggregates Limited Licence Number: 28/39/28/0052 Permit Version: 102 Location: Broadwater, Harefield Moor-Wet Gravel Pit 'B' Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Broadwater, Harefield Moor, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th November 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NE (S)	1228	2	504700 189200
	Water Abstractions Operator: Lafarge Aggregates Limited Licence Number: 28/39/28/0052 Permit Version: 101 Location: Wet Gravel Pit 'B' At Broadwater, Harefield Moor Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Broadwater, Harefield Moor Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd January 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NE (S)	1228	2	504700 189200
	Water Abstractions Operator: Lafarge Redland Aggregates Limited Licence Number: 28/39/28/0052 Permit Version: 100 Location: Wet Gravel Pit 'B' At Broadwater, Harefield Moor Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Broadwater, Harefield Heath Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1228	2	504700 189200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Lafarge Redland Aggregates Limited Licence Number: 28/39/28/0052 Permit Version: 100 Location: Wet Gravel Pit 'B' At Broadwater, Harefield Moor Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Broadwater, Harefield Moor Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1228	2	504700 189200
	Water Abstractions Operator: Tarmac Aggregates Limited Licence Number: 28/39/28/0052 Permit Version: 104 Location: Broadwater, Harefield Moor-Wet Gravel Pit 'A' Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Broadwater, Harefield Moor, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th October 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NE (S)	1328	2	504700 189100
	Water Abstractions Operator: Lafarge Aggregates Limited Licence Number: 28/39/28/0052 Permit Version: 103 Location: Broadwater, Harefield Moor-Wet Gravel Pit 'A' Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Broadwater, Harefield Moor, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th September 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NE (S)	1328	2	504700 189100
	Water Abstractions Operator: Lafarge Aggregates Limited Licence Number: 28/39/28/0052 Permit Version: 102 Location: Broadwater, Harefield Moor-Wet Gravel Pit 'A' Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Broadwater, Harefield Moor, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th November 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NE (S)	1328	2	504700 189100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Lafarge Aggregates Limited Licence Number: 28/39/28/0052 Permit Version: 101 Location: Wet Gravel Pit 'A' At Broadwater, Harefield Moor Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Broadwater, Harefield Moor Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd January 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NE (S)	1328	2	504700 189100
	Water Abstractions Operator: Lafarge Redland Aggregates Limited Licence Number: 28/39/28/0052 Permit Version: 100 Location: Wet Gravel Pit 'A' At Broadwater, Harefield Moor Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1541 Yearly Rate (m3): 53188 Details: Broadwater, Harefield Heath Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NE (S)	1328	2	504700 189100
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 106 Location: West Hyde Pumping Station 'G1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1405	2	503610 191436
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 105 Location: West Hyde Pumping Station 'G1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1405	2	503610 191436

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 104 Location: West Hyde Pumping Station 'G1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th March 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1405	2	503610 191436
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 106 Location: West Hyde Pumping Station 'G3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1413	2	503550 191382
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 105 Location: West Hyde Pumping Station 'G3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1413	2	503550 191382
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 104 Location: West Hyde Pumping Station 'G3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th March 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1413	2	503550 191382

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 106 Location: West Hyde Pumping Station 'G2' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1417	2	503548 191385
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 105 Location: West Hyde Pumping Station 'G2' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1417	2	503548 191385
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 104 Location: West Hyde Pumping Station 'G2' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th March 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1417	2	503548 191385
	Water Abstractions Operator: Mr P Lory Licence Number: 28/39/28/0358 Permit Version: 100 Location: Borehole A At Pynesfield Farm, West Hyde 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): 291 Yearly Rate (m3): 7274 Details: Pynesfield Farm, Wets Hyde, Rickmansworth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th September 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (W)	1426	2	503200 190400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr P Lory Licence Number: 28/39/28/0358 Permit Version: 100 Location: Borehole A At Pynesfield Farm, West Hyde Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pynesfield Farm, West Hyde ,Rickmansworth Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 25th September 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SW (W)	1426	2	503200 190400
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 103 Location: West Hyde Pumping Station Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1463	2	503500 191400
	Water Abstractions Operator: Veolia Water Central Limited Licence Number: 28/39/28/0480 Permit Version: 102 Location: West Hyde Pumping Station Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th July 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1463	2	503500 191400
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 28/39/28/0480 Permit Version: 101 Location: West Hyde Pumping Station Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th September 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1463	2	503500 191400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 28/39/28/0480 Permit Version: 100 Location: West Hyde Pumping Station Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1463	2	503500 191400
	Water Abstractions Operator: Harleyford Aggregates Limited Licence Number: 28/39/28/0037 Permit Version: 101 Location: Wet Gravel Pit At Harefield Moor Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 582 Yearly Rate (m3): 166419 Details: Harefield Moor, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1602	2	504860 188840
	Water Abstractions Operator: Thames Water Utilities Ltd Licence Number: 28/39/28/0116 Permit Version: 100 Location: Well 'E' At Maple Cross Sewage Works, Maple Cross Authority: Environment Agency, Thames Region Abstraction: Water supply related: Process water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 546 Yearly Rate (m3): 145472 Details: Maple Cross Sewage Works, Rickmansworth Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22NE (N)	1689	2	504200 192100
	Water Abstractions Operator: Deluxe Laboratories Limited Licence Number: 28/39/28/0448 Permit Version: 101 Location: North Orbital Road, Denham - Borehole 'D' Authority: Environment Agency, Thames Region Abstraction: Environmental: Pump & Treat: Pollution Remediation Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Orbital Orad, Denham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1749	2	504170 188740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Deluxe Laboratories Limited Licence Number: 28/39/28/0448 Permit Version: 100 Location: Borehole D At North Orbital Road, Denham Authority: Environment Agency, Thames Region Abstraction: Environmental: Pump & Treat: Pollution Remediation Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1591 Yearly Rate (m3): 1 Details: North Orbital Orad, Denham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1749	2	504170 188740
	Water Abstractions Operator: Weston Homes Plc Licence Number: 28/39/28/0101 Permit Version: 103 Location: Denham Media Park Authority: Environment Agency, Thames Region Abstraction: Environmental: Pollution Remediation Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Denham Media Park Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 10th May 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2SE (S)	1755	2	504010 188787
	Water Abstractions Operator: Deluxe Laboratories Limited Licence Number: 28/39/28/0101 Permit Version: 102 Location: Denham Media Park Authority: Environment Agency, Thames Region Abstraction: Environmental: Pollution Remediation Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Denham Media Park Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 31st January 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2SE (S)	1755	2	504010 188787
	Water Abstractions Operator: Weston Homes Plc Licence Number: 28/39/28/0101 Permit Version: 103 Location: Denham Media Park 'C' Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Orbital Road, Denham Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 10th May 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1756	2	504103 188753

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Deluxe Laboratories Limited Licence Number: 28/39/28/0101 Permit Version: 102 Location: Denham Media Park 'C' Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Orbital Road, Denham Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 31st January 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1756	2	504103 188753
	Water Abstractions Operator: Roussel Laboratories Ltd Licence Number: 28/39/28/0468 Permit Version: 100 Location: Borehole At North Orbital Road, Denham Authority: Environment Agency, Thames Region Abstraction: Research Non-University/College: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 205 Yearly Rate (m3): 4546 Details: North Orbital Road, Denham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th May 1988 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1758	2	504300 188700
	Water Abstractions Operator: Roussel Laboratories Ltd Licence Number: 28/39/28/0468 Permit Version: 100 Location: Borehole At North Orbital Road, Denham Authority: Environment Agency, Thames Region Abstraction: Research Non-University/College: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Orbital Road, Denham Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 10th May 1988 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1758	2	504300 188700
	Water Abstractions Operator: Deluxe Laboratories Limited Licence Number: 28/39/28/0101 Permit Version: 101 Location: North Orbital Road, Denham At Borehole 'B' Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Orbital Road, Denham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1782	2	504060 188740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Deluxe Laboratories Limited Licence Number: 28/39/28/0448 Permit Version: 101 Location: North Orbital Road, Denham At Borehole 'C' Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Orbital Road, Denham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1785	2	504110 188720
	Water Abstractions Operator: Deluxe Laboratories Limited Licence Number: 28/39/28/0448 Permit Version: 100 Location: Borehole C At North Orbital Road, Denham Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Orbital Road, Denham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1785	2	504110 188720
	Water Abstractions Operator: Weston Homes Plc Licence Number: 28/39/28/0101 Permit Version: 103 Location: Denham Media Park 'B' Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Orbital Road, Denham Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 10th May 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1802	2	504073 188714
	Water Abstractions Operator: Deluxe Laboratories Limited Licence Number: 28/39/28/0101 Permit Version: 102 Location: Denham Media Park 'B' Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Orbital Road, Denham Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 31st January 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1802	2	504073 188714

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Deluxe Laboratories Limited Licence Number: 28/39/28/0101 Permit Version: 100 Location: Borehole 'A' At North Orbital Road, Denham Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1591 Yearly Rate (m3): 580751 Details: North Orbital Road, Denham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1807	2	504100 188700
	Water Abstractions Operator: Deluxe Laboratories Limited Licence Number: 28/39/28/0101 Permit Version: 100 Location: Borehole 'B' At North Orbital Road, Denham Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Orbital Road, Denham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1807	2	504100 188700
	Water Abstractions Operator: Weston Homes Plc Licence Number: 28/39/28/0101 Permit Version: 103 Location: Denham Media Park 'A' Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Orbital Road, Denham Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 10th May 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1850	2	504068 188665
	Water Abstractions Operator: Deluxe Laboratories Limited Licence Number: 28/39/28/0101 Permit Version: 102 Location: Denham Media Park Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Orbital Road, Denham Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 31st January 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1850	2	504068 188665

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Deluxe Laboratories Limited Licence Number: 28/39/28/0101 Permit Version: 101 Location: North Orbital Road, Denham At Borehole 'A' Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Orbital Road, Denham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1852	2	504080 188660
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 106 Location: Blackford Pumping Station 'I3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1873	2	504830 188563
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 105 Location: Blackford Pumping Station 'I3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1873	2	504830 188563
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 104 Location: Blackford Pumping Station 'I3' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th March 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1873	2	504830 188563

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Thames Water Utilities Ltd Licence Number: 28/39/28/0113 Permit Version: 100 Location: Borehole At Maple Cross Sewage Works, Maple Cross Authority: Environment Agency, Thames Region Abstraction: Water supply related: Process water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 909 Yearly Rate (m3): 181840 Details: Maple Cross Sewage Works, Rickmansworth. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NW)	1881	2	503900 192200
	Water Abstractions Operator: Mr P Lory Licence Number: 28/39/28/0108 Permit Version: 100 Location: Well At Lynsters Farm, West Hyde 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): 23 Yearly Rate (m3): 6228 Details: Lynsters Farm, West Hyde Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th March 1969 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21NE (NW)	1887	2	503400 191900
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 103 Location: Blackford Pumping Station 'L' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1933	2	504800 188500
	Water Abstractions Operator: Veolia Water Central Limited Licence Number: 28/39/28/0480 Permit Version: 102 Location: Blackford Pumping Station 'L' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th July 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1933	2	504800 188500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 28/39/28/0480 Permit Version: 101 Location: Blackford Pumping Station 'L' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th September 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1933	2	504800 188500
	Water Abstractions Operator: Three Valleys Water Plc Licence Number: 28/39/28/0480 Permit Version: 100 Location: Blackford Pumping Station 'L' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1933	2	504800 188500
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 106 Location: Blackford Pumping Station 'I1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1991	2	504881 188450
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 105 Location: Blackford Pumping Station 'I1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1991	2	504881 188450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Affinity Water Limited Licence Number: 28/39/28/0480 Permit Version: 104 Location: Blackford Pumping Station 'I1' Authority: Environment Agency, Thames Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th March 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1991	2	504881 188450
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SE (E)	0	4	504649 190446
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SE (S)	0	4	504637 190447
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - High Possibility	A13SE (S)	0	4	504637 190447
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SE (S)	0	4	504637 190447
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (E)	0	4	504649 190446
35	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13SE (S)	0	2	504637 190447
36	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A13SE (S)	0	2	504637 190447
37	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A13SE (SE)	150	2	504727 190301

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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				
38	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 1197.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Trent Primacy: 1	A13SW (SW)	311	5	504365 190274
39	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 94.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NE)	335	5	504795 190765
40	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 192.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Trent Primacy: 2	A12SE (W)	338	5	504288 190437
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12SE (W)	344	5	504291 190380
42	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 24.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Trent Primacy: 1	A12SE (W)	344	5	504289 190391
43	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 169.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Trent Primacy: 1	A12SE (W)	353	5	504276 190411
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 229.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12SE (W)	396	5	504244 190358

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A12SE (W)	396	5	504245 190352
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12SE (W)	396	5	504245 190352
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A12SE (W)	397	5	504257 190306
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A12SE (W)	397	5	504257 190306
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12SE (W)	404	5	504247 190317
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A12SE (W)	425	5	504229 190304
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12SE (W)	425	5	504229 190304
52	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 65.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Trent Primacy: 1	A12NE (W)	439	5	504196 190561
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12SE (SW)	444	5	504226 190255

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 481.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12SE (SW)	453	5	504218 190250
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Horse Shoe Bay Catchment Name: Thames Primacy: 2	A12NE (W)	480	5	504156 190566
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12NE (W)	482	5	504152 190554
57	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 184.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Trent Primacy: 1	A12NE (W)	482	5	504169 190620
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 182.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12NE (W)	545	5	504097 190603
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 122.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A12NE (W)	545	5	504097 190603
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A17SE (NW)	607	5	504116 190796
61	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 338.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Trent Primacy: 1	A17SE (NW)	607	5	504116 190796
62	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1414.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	615	5	504085 190153

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	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: 1	A18SE (N)	634	5	504852 191066
64	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 75.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	634	5	504852 191066
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	639	5	504848 191073
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12NE (NW)	640	5	504030 190701
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	644	5	504845 191079
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (NE)	645	5	504925 191047
69	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14SW (E)	671	5	505304 190281
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 202.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14SW (E)	679	5	505310 190272
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NW (E)	690	5	505284 190715

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12NE (NW)	699	5	503994 190766
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 391.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12NE (NW)	705	5	503991 190774
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 456.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A12NE (NW)	705	5	503991 190774
75	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (SE)	740	5	505298 190072
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (SE)	743	5	505299 190067
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 194.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (SE)	748	5	505299 190057
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 239.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (SE)	748	5	505299 190057
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NE (E)	756	5	505366 190677
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 193.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A7NW (SW)	787	5	503943 190053

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 367.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A7NW (SW)	787	5	503943 190053
82	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 13.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (SE)	838	5	505243 189837
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 225.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (SE)	848	5	505244 189824
84	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 77.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Trent Primacy: 2	A17NE (NW)	860	5	504074 191125
85	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 14.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A17NE (NW)	871	5	504102 191161
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A17NE (NW)	873	5	504096 191160
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1006.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SW)	873	5	503968 189864
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1569.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A7NE (SW)	873	5	503968 189864
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A17NE (NW)	876	5	504104 191168

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 67.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Trent Primacy: 1	A17SE (NW)	877	5	504033 191111
91	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 6.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A17NE (NW)	881	5	504080 191157
92	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 20.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Trent Primacy: 2	A17NE (NW)	884	5	504074 191156
93	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 52.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A17NE (NW)	888	5	504103 191183
94	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	A19SE (NE)	897	5	505347 191020
95	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 54.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Trent Primacy: 1	A17NE (NW)	905	5	504060 191172
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	920	5	503728 190258
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SE (NE)	930	5	505359 191057
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A17NE (NW)	930	5	504000 191153

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 522.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A17NE (NW)	930	5	504001 191155
100	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 41.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A17NE (NW)	934	5	504097 191235
101	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 110.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A17NE (NW)	934	5	504097 191235
102	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 123.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Trent Primacy: 1	A17NE (NW)	949	5	504057 191225
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 182.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12SW (W)	962	5	503680 190282
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12SW (W)	970	5	503682 190237

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	BGS Recorded Landfill Sites Site Name: Church Hill Tip Location: LONDON, SE1 Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A13SE (S)	199	-	504648 190227
106	Historical Landfill Sites Licence Holder: W W Drinkwater Location: Harefield, Hillingdon, London Name: Church Hill Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11317 First Input Date: 31st December 1954 Last Input Date: 31st December 1974 Specified Waste Type: Deposited Waste included Commercial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5510/0007 BGS Ref: 2338 Other Ref: 8HI010, HIL010	A13SE (S)	209	2	504638 190217
107	Historical Landfill Sites Licence Holder: Not Supplied Location: Merle Avenue Name: South of Merle Avenue Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11340 First Input Date: 31st December 1969 Last Input Date: 31st December 1972 Specified Waste Type: Not Supplied EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 8HI058	A14SW (E)	357	2	505005 190398
108	Historical Landfill Sites Licence Holder: Not Supplied Location: Harefield, Hillingdon, London Name: Park Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11330 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 8HI037	A17SE (NW)	539	2	504280 190878
109	Historical Landfill Sites Licence Holder: Not Supplied Location: Hill End, Harefield, Hillingdon, London Name: Parkwood Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11342 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 8HI061	A18NW (N)	917	2	504325 191331
	Local Authority Landfill Coverage Name: London Borough of Hillingdon - Has not been able to supply Landfill data		0	3	504637 190447

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Hertfordshire County Council - Has supplied landfill data		397	6	504241 190363
	Local Authority Landfill Coverage Name: Three Rivers District Council - Has supplied landfill data		397	7	504241 190363
	Local Authority Landfill Coverage Name: Buckinghamshire County Council - Has supplied landfill data		785	8	503948 190048
	Local Authority Landfill Coverage Name: South Buckinghamshire District Council - Has supplied landfill data		785	9	503948 190048
110	Local Authority Recorded Landfill Sites Location: Troy Mill Reference: 148 Authority: Hertfordshire County Council, Spatial Planning and Economy Unit Last Reported Status: Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A12NE (NW)	733	6	503965 190785
111	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13SW (S)	219	-	504630 190207
112	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SW (NW)	546	-	504307 190908
113	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A12SW (W)	838	-	503792 190368
114	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A13NE (NE)	295	-	504830 190694
115	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1934	A18SE (NE)	411	-	504832 190832
116	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A14SE (E)	805	-	505451 190350
117	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1916	A14NE (E)	933	-	505527 190754

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	Planning Hazardous Substance Consents Name: Harefield Hospital Trust Location: Harefield Hospital, Harefield, Uxbridge, Middlesex, UB9 6jh Authority: London Borough of Hillingdon Application Ref: AM/5947/57ch/02 Hazardous Substance: Unknown at time of report Maximum Quantity: 0 Application date: 25th August 1995 Decision: Unknown at time of reportUnknown Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	640	10	505190 190794
119	Planning Hazardous Substance Consents Name: Harefield Hospital Trust Location: Harefield Hospital, Harefield, Uxbridge, Middlesex, UB9 6jh Authority: London Borough of Hillingdon Application Ref: Abo/596/Sice/01 Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Substances flammable in air above their Bpt, as a liquid or with gas at >1.4bar, amount held is >=25t Maximum Quantity: 50 Application date: 12th June 1992 Decision: Unknown at time of reportUnknown Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	690	10	505191 190883
119	Planning Hazardous Substance Consents Name: Harefield Hospital Trust Location: Harefield Hospital, Harefield, Uxbridge, Middlesex, UB9 6jh Authority: London Borough of Hillingdon Application Ref: RW/Ral/807 Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Substances flammable in air above their Bpt, as a liquid or with gas at >1.4bar, amount held is >=25t Maximum Quantity: 0 Application date: 4th September 1992 Decision: Unknown at time of reportUnknown Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	696	10	505195 190888

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lambeth Group	A13SE (S)	0	1	504637 190447
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic no data Concentration: Cadmium <1.8 mg/kg Concentration: Chromium no data Concentration: Lead Concentration: <100 mg/kg Nickel no data Concentration:	A13SE (S)	0	1	504637 190447
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SW (SW)	299	1	504381 190268
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic no data Concentration: Cadmium <1.8 mg/kg Concentration: Chromium no data Concentration: Lead Concentration: <100 mg/kg Nickel no data Concentration:	A13SW (SW)	346	1	504357 190222
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	423	1	504215 190359
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil 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:	A8NW (S)	442	1	504518 190000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil 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:	A18SW (NW)	591	1	504374 191000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SE (NW)	732	1	503968 190787
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (SW)	823	1	503924 190014
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	985	1	503883 191112
120	BGS Recorded Mineral Sites Site Name: Harefield Cement, Lime & Brick Works Location: Harefield, Northwood, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19811 Type: Opencast Status: Ceased Operator: British Portland Cement Co Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup (Upper Chalk) Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A13SE (S)	277	1	504650 190150
121	BGS Recorded Mineral Sites Site Name: Harefield Cement, Lime & Brick Works Location: Harefield, Northwood, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19810 Type: Opencast Status: Ceased Operator: British Portland Cement Co Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup (Upper Chalk) Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A8NE (S)	438	1	504790 190015
122	BGS Recorded Mineral Sites Site Name: Harefield Cement & Brick Works Location: Harefield, Northwood, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 10926 Type: Opencast Status: Ceased Operator: British Portland Cement Co Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A8NE (S)	582	1	504790 189865

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	BGS Recorded Mineral Sites Site Name: Harefield Cement, Lime & Brick Works Location: Harefield, Northwood, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19809 Type: Opencast Status: Ceased Operator: British Portland Cement Co Operator Location: Not Supplied Periodic Type: Palaeogene Geology: London Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	582	1	504980 189950
124	BGS Recorded Mineral Sites Site Name: Harefield Park Chalk Pit Location: Harefield, Uxbridge, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 169885 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	588	1	504266 190930
125	BGS Recorded Mineral Sites Site Name: Harefield Cement, Lime & Brick Works Location: Harefield, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 253962 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A8NE (S)	678	1	504883 189793
126	BGS Recorded Mineral Sites Site Name: Harefield Cement, Lime & Brick Works Location: Harefield, Northwood, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19808 Type: Opencast Status: Ceased Operator: British Portland Cement Co Operator Location: Not Supplied Periodic Type: Palaeocene Geology: Lambeth Group (Woolwich & Reading Beds) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	703	1	504990 189815
127	BGS Recorded Mineral Sites Site Name: Troy Mill Gravel Pit Location: West Hyde, Rickmansworth, Hertfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19814 Type: Opencast Status: Ceased Operator: Stone Court Ballast Co., Ltd. Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12NW (W)	746	1	503880 190500
128	BGS Recorded Mineral Sites Site Name: Harefield Pit Location: Harefield, Uxbridge, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 169886 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	870	1	505205 189760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	BGS Recorded Mineral Sites Site Name: Broadwater Farm Location: Harefield, Uxbridge, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 2393 Type: Opencast Status: Ceased Operator: Redland Aggregates Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 100m	A8SW (S)	956	1	504400 189500
130	BGS Recorded Mineral Sites Site Name: Troy Mill Gravel Pit Location: West Hyde, Rickmansworth, Hertfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19815 Type: Opencast Status: Ceased Operator: Stone Court Ballast Co., Ltd. Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	964	1	503765 190900
131	BGS Recorded Mineral Sites Site Name: Broadwater Farm Gravel Pit Location: Denham Green, Gerrards Cross, Buckinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 19813 Type: Opencast Status: Ceased Operator: Redland Aggregates Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	979	1	503770 189970
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 504746, 190271 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 13.00 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 59.80 mg/kg Concentration: Lead Measured 229.40 mg/kg Concentration: Nickel Measured 20.90 mg/kg Concentration:	A13SE (SE)	186	1	504746 190271
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 504720, 190773 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 13.10 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 38.40 mg/kg Concentration: Lead Measured 53.90 mg/kg Concentration: Nickel Measured 15.10 mg/kg Concentration:	A13NE (N)	315	1	504720 190773

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 504338, 190272 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 11.30 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 81.60 mg/kg Concentration: Lead Measured 85.60 mg/kg Concentration: Nickel Measured 35.50 mg/kg Concentration:	A13SW (SW)	335	1	504338 190272
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 504244, 190713 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 10.20 mg/kg Concentration: Cadmium Measured 1.20 mg/kg Concentration: Chromium Measured 37.60 mg/kg Concentration: Lead Measured 69.70 mg/kg Concentration: Nickel Measured 25.30 mg/kg Concentration:	A12NE (NW)	455	1	504244 190713
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 505194, 190217 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 15.00 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 60.90 mg/kg Concentration: Lead Measured 207.00 mg/kg Concentration: Nickel Measured 25.60 mg/kg Concentration:	A14SW (SE)	584	1	505194 190217
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 505305, 190704 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 9.40 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 48.60 mg/kg Concentration: Lead Measured 88.70 mg/kg Concentration: Nickel Measured 11.00 mg/kg Concentration:	A14NW (E)	706	1	505305 190704
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 504860, 189756 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 18.90 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 121.70 mg/kg Concentration: Lead Measured 110.10 mg/kg Concentration: Nickel Measured 47.90 mg/kg Concentration:	A8SE (S)	706	1	504860 189756

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 504660, 191245 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 8.50 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 46.60 mg/kg Concentration: Lead Measured 53.00 mg/kg Concentration: Nickel Measured 10.00 mg/kg Concentration:	A18NE (N)	776	1	504660 191245
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 504303, 191304 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 15.70 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 49.30 mg/kg Concentration: Lead Measured 68.00 mg/kg Concentration: Nickel Measured 24.40 mg/kg Concentration:	A18NW (N)	899	1	504303 191304
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 505297, 189769 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 13.30 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 74.80 mg/kg Concentration: Lead Measured 79.50 mg/kg Concentration: Nickel Measured 23.00 mg/kg Concentration:	A9SW (SE)	925	1	505297 189769
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: London Count Id: 7209 Arsenic Minimum 1.00 mg/kg Concentration: Arsenic Average 17.00 mg/kg Concentration: Arsenic Maximum 161.00 mg/kg Concentration: Cadmium Minimum 0.10 mg/kg Concentration: Cadmium Average 0.90 mg/kg Concentration: Cadmium Maximum 165.20 mg/kg Concentration: Chromium Minimum 13.00 mg/kg Concentration: Chromium Average 79.00 mg/kg Concentration: Chromium Maximum 2094.00 mg/kg Concentration: Lead Minimum 11.00 mg/kg Concentration: Lead Average 280.00 mg/kg Concentration: Lead Maximum 10000.00 mg/kg Concentration: Nickel Minimum 2.00 mg/kg Concentration: Nickel Average 28.00 mg/kg Concentration: Nickel Maximum 506.00 mg/kg Concentration:	A13SE (S)	0	1	504637 190447

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	504637 190447
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	71	1	504552 190462
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	504637 190447
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	504637 190447
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	194	1	504652 190233
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	504637 190447
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	46	1	504576 190446
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	81	1	504563 190517
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	188	1	504445 190405
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	227	1	504412 190543
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	504637 190447
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	504649 190446
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	71	1	504552 190462
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	88	1	504691 190541
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	95	1	504615 190333
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	182	1	504572 190638
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	504637 190447
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	71	1	504552 190462
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	504637 190447
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	3	1	504619 190449

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	38	1	504688 190446
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	71	1	504552 190462
	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 (S)	0	1	504637 190447
	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 (S)	0	1	504637 190447

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	Contemporary Trade Directory Entries Name: E Ryder Location: 87, Park Lane, Harefield, Uxbridge, Middlesex, UB9 6BL Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	286	-	504891 190604
133	Contemporary Trade Directory Entries Name: Graham Cars Location: 122, Dovedale Close, Harefield, Uxbridge, Middlesex, UB9 6EE Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	392	-	505033 190349
134	Contemporary Trade Directory Entries Name: Harefield Carpet Cleaners Location: 5, Merle Avenue, Harefield, Uxbridge, UB9 6DG Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	424	-	505073 190409
135	Contemporary Trade Directory Entries Name: C S F Location: 12, Roman Close, Harefield, Uxbridge, UB9 6BH Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	449	-	504531 190905
136	Contemporary Trade Directory Entries Name: Diamond Commercial Cleaning Location: 35, Dovedale Close, Harefield, UXBRIDGE, Middlesex, UB9 6DQ Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	469	-	505074 190230
136	Contemporary Trade Directory Entries Name: Orbital Epos System Ltd Location: Harefield, Uxbridge, Middlesex, UB9 6DQ Classification: Cash Registers & Check-Out Equipment Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SW (SE)	504	-	505093 190190
137	Contemporary Trade Directory Entries Name: Dry Clean 2 Door.Com Location: 42, High St, Harefield, Uxbridge, Middlesex, UB9 6BU Classification: Dry Cleaners Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SW (E)	488	-	505138 190418
137	Contemporary Trade Directory Entries Name: Daystar & Conerstone Location: 42, School Parade, High Street, Harefield, Uxbridge, Middlesex, UB9 6BU Classification: Laundry & Dry Cleaning Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	489	-	505139 190419
137	Contemporary Trade Directory Entries Name: Dryclean 2 Door Location: 42 High Street, Harefield, Uxbridge, Middlesex, UB9 6BU Classification: Dry Cleaners Status: Active Positional Accuracy: Manually positioned to the address or location	A14SW (E)	490	-	505140 190420
137	Contemporary Trade Directory Entries Name: Carpets 4 All Seasons Location: 2-3, School Parade, High Street, Harefield, Uxbridge, Middlesex, UB9 6BT Classification: Carpet & Fabric Proofing Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	497	-	505147 190437
137	Contemporary Trade Directory Entries Name: Jet Home Location: 2, School Parade, High Street, Harefield, Uxbridge, Middlesex, UB9 6BT Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	497	-	505147 190437
138	Contemporary Trade Directory Entries Name: Matelect Location: 33, High Street, Harefield, Uxbridge, Middlesex, UB9 6BX Classification: Electronic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	550	-	505199 190464

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
139	Contemporary Trade Directory Entries Name: Cordatech Ltd Location: M R S Building, Hill End Road, Harefield, Uxbridge, Middlesex, UB9 6HG Classification: Medical Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	551	-	505136 190707
140	Contemporary Trade Directory Entries Name: Harefield Location: C, 12, High Street, Harefield, Uxbridge, Middlesex, UB9 6BU Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	576	-	505211 190560
140	Contemporary Trade Directory Entries Name: Harefield Cleaners Location: 7, High Street, Harefield, Uxbridge, Middlesex, UB9 6BX Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	584	-	505226 190531
141	Contemporary Trade Directory Entries Name: Capital Car Scrap Location: 29, Morse Close, Harefield, Uxbridge, UB9 6RA Classification: Car Breakers & Dismantlers Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	596	-	505169 190137
142	Contemporary Trade Directory Entries Name: Kings Arms Service Station Location: Rickmansworth Road, Harefield, Uxbridge, Middlesex, UB9 6JT Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	607	-	505221 190642
143	Contemporary Trade Directory Entries Name: Harefield Garage Ltd Location: Harefield Garage, Breakspear Road North, Harefield, Uxbridge, UB9 6NF Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	632	-	505274 190529
143	Contemporary Trade Directory Entries Name: Compact Body Shop Location: Harefield Garage, Breakspear Road North, Harefield, Uxbridge, UB9 6NF Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	632	-	505274 190529
143	Contemporary Trade Directory Entries Name: Harefield Carriage Company Ltd Location: Harefield Garage, Breakspear Road North, Harefield, UXBRIDGE, Middlesex, UB9 6NF Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	633	-	505275 190529
144	Contemporary Trade Directory Entries Name: Sound-A-Sleep Location: 29, Dexter Road, Harefield, Uxbridge, Middlesex, UB9 6RE Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	641	-	505276 190295
145	Contemporary Trade Directory Entries Name: Harefield Hospital Location: Hill End Road, Harefield, Uxbridge, Middlesex, UB9 6JH Classification: Hospitals Status: Active Positional Accuracy: Manually positioned within the geographical locality	A19SW (NE)	654	-	505166 190856
145	Contemporary Trade Directory Entries Name: Royal Brompton & Harefield N H S Trust - Harefield Hospital Location: Hill End Road, Harefield, Uxbridge, UB9 6JH Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	654	-	505166 190856

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
146	Contemporary Trade Directory Entries Name: D S Preston Garages Ltd Location: 19-21, Northwood Road, Harefield, Uxbridge, UB9 6PL Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	807	-	505442 190582
146	Contemporary Trade Directory Entries Name: Ds Preston Garages Ltd Location: 19-21 Northwood Rd, Harefield, Uxbridge, Middlesex, UB9 6PL Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	817	-	505455 190570
147	Contemporary Trade Directory Entries Name: Porcelanosa Group Location: Salamander Quay, Harefield, Uxbridge, Middlesex, UB9 6NZ Classification: Tile Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	812	-	504082 191068
147	Contemporary Trade Directory Entries Name: Verifone Ltd Location: Quay South Court, Salamander Quay, Harefield, Uxbridge, Middlesex, UB9 6NY Classification: Cash Registers & Check-Out Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	842	-	504046 191076
148	Contemporary Trade Directory Entries Name: S I S Jensen Location: The Manor House, Royal Quay, Coppermill Lock, Canal Side, Harefield, Uxbridge, Middlesex, UB9 6JA Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	818	-	504123 191111
148	Contemporary Trade Directory Entries Name: Top-Teks Location: Bridge House Royal Quay, Coppermill Lock, Canal Side, Harefield, Uxbridge, UB9 6JA Classification: Radio Communication Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	845	-	504080 191110
148	Contemporary Trade Directory Entries Name: Gilflex Ltd Location: The Watermill, Coppermill Lock, Canal Side, Harefield, Uxbridge, Middlesex, UB9 6JA Classification: Cable & Wire Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	863	-	504093 191145
149	Contemporary Trade Directory Entries Name: Digby 24hr Recovery Services Location: Heacham, Breakspear Road North, Harefield, Uxbridge, Middlesex, UB9 6NE Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	858	-	505507 190449
150	Contemporary Trade Directory Entries Name: Cavanis Cards Ltd Location: Unit 1 Park Pl, Newdigate Rd, Harefield, Uxbridge, Middlesex, UB9 6EJ Classification: Greeting Card Publishers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A19SE (NE)	858	-	505391 190881
150	Contemporary Trade Directory Entries Name: Matelect Ltd Location: 7, Park Place, Newdigate Road, Harefield, Uxbridge, UB9 6EJ Classification: Scientific Apparatus & Instruments - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (NE)	863	-	505376 190918
150	Contemporary Trade Directory Entries Name: Builders Direct Merchants Ltd Location: Unit 6, Park Place, Newdigate Road, Harefield, Uxbridge, Middlesex, UB9 6EJ Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	864	-	505377 190918

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
151	Contemporary Trade Directory Entries Name: Merit Cleaning Services Ltd Location: 16, St. Marys Road, Harefield, Uxbridge, UB9 6AD Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	893	-	505106 189662
152	Contemporary Trade Directory Entries Name: Ellis & Co Location: Newdigate Rd, Harefield, Uxbridge, Middlesex, UB9 6EJ Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	940	-	505534 190756
153	Contemporary Trade Directory Entries Name: Eltec Metal Finishing Location: Hall Dr, Harefield, Uxbridge, Middlesex, UB9 6LA Classification: Blast Cleaning Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SE (NE)	946	-	505451 190954
154	Contemporary Trade Directory Entries Name: O M E C Location: 38, St. Annes Road, Harefield, Uxbridge, Middlesex, UB9 6AJ Classification: Office Equipment Servicing & Maintenance Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	948	-	505078 189584
155	Contemporary Trade Directory Entries Name: 20-20 Image Location: 43, Barrington Drive, Harefield, Uxbridge, Middlesex, UB9 6RJ Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	952	-	504165 191298
155	Contemporary Trade Directory Entries Name: M J B Mailbox Solutions Location: 43, Barrington Drive, Harefield, Uxbridge, Middlesex, UB9 6RJ Classification: Mailing Machines & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	952	-	504165 191298
156	Contemporary Trade Directory Entries Name: Salamander Cleaners Ltd Location: Northwood Road, Harefield, Uxbridge, Middlesex, UB9 6PN Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	992	-	505610 190679
157	Fuel Station Entries Name: Kings Arms Garage Location: Rickmansworth Road, Harefield, Hillingdon, Outer London, UB9 6JT Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A14NW (E)	606	-	505220 190641
158	Points of Interest - Commercial Services Name: Grahams Cars Location: 122 Dovedale Close, Harefield, Uxbridge, UB9 6EE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SW (E)	392	11	505033 190349
159	Points of Interest - Commercial Services Name: 111 Transport Location: 69c Dovedale Close, Harefield, Uxbridge, UB9 6DQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SW (SE)	452	11	505000 190144
160	Points of Interest - Commercial Services Name: Capital Car Scrap Location: 29 Morse Close, Harefield, Uxbridge, UB9 6RA Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A14SW (SE)	596	11	505169 190137
161	Points of Interest - Commercial Services Name: Harefield Garage Ltd Location: Harefield Garage, Breakspear Road North, Harefield, Uxbridge, UB9 6NF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	632	11	505274 190529

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	Points of Interest - Commercial Services Name: Compact Body Shop Location: Harefield Garage, Breakspear Road North, Harefield, Uxbridge, UB9 6NF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	632	11	505274 190529
161	Points of Interest - Commercial Services Name: Harefield Auto Repair Centre Location: Harefield Garage, Breakspear Road North, Harefield, Uxbridge, UB9 6NF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	633	11	505275 190529
162	Points of Interest - Commercial Services Name: Vitbro Enterprises Location: 22 Shelley Lane, Harefield, Uxbridge, UB9 6HP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SE (NW)	710	11	504266 191077
163	Points of Interest - Commercial Services Name: Asbestos Removal London Location: Suite P & Q, Salamander Quay, Harefield, Uxbridge, UB9 6NZ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A17SE (NW)	805	11	504065 191043
164	Points of Interest - Commercial Services Name: D S Preston Garages Ltd Location: 19-21 Northwood Road, Harefield, Uxbridge, UB9 6PL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	807	11	505442 190582
164	Points of Interest - Commercial Services Name: D S Preston Garages Ltd Location: 19-21 Northwood Road, Harefield, Uxbridge, UB9 6PL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	813	11	505451 190570
164	Points of Interest - Commercial Services Name: Preston Garages Ltd Location: 19-21 Northwood Rd, Harefield, Uxbridge, Middlesex, UB9 6PL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	817	11	505455 190570
165	Points of Interest - Education and Health Name: Harefield Hospital Location: Hill End Road, Harefield, Uxbridge, UB9 6JH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A19SW (NE)	654	11	505166 190856
165	Points of Interest - Education and Health Name: Harefield Hospital Location: Hill End Road, Harefield, Uxbridge, UB9 6JH Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A19SW (NE)	655	11	505167 190856
166	Points of Interest - Manufacturing and Production Name: Tank Location: UB9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	551	11	504657 191020
167	Points of Interest - Manufacturing and Production Name: The Marble & Granite Centre Ltd Location: Troy Wharf, Old Uxbridge Road, West Hyde, Rickmansworth, WD3 9YB Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A12NW (W)	986	11	503639 190448
168	Points of Interest - Public Infrastructure Name: Refuse Tip Location: UB9 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	327	11	504683 190103

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
169	Points of Interest - Public Infrastructure Name: Sluice Location: UB9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	477	11	504162 190579
169	Points of Interest - Public Infrastructure Name: Sluice Location: UB9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	478	11	504162 190584
169	Points of Interest - Public Infrastructure Name: Weir Location: UB9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	501	11	504140 190591
169	Points of Interest - Public Infrastructure Name: Weir Location: UB9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	508	11	504132 190589
170	Points of Interest - Public Infrastructure Name: Bardley Auto Services Ltd Location: 2 Lewis Close, Harefield, Uxbridge, UB9 6RD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SW (E)	554	11	505199 190352
171	Points of Interest - Public Infrastructure Name: Weir Location: UB9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	634	11	504015 190638
171	Points of Interest - Public Infrastructure Name: Weir Location: UB9 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	636	11	504019 190657
172	Points of Interest - Public Infrastructure Name: Harefield Police Office Location: Harefield Hospital, Hill End Road, Harefield, Uxbridge, UB9 6JH Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	655	11	505167 190856
172	Points of Interest - Public Infrastructure Name: Harefield Police Location: Hill End Road, Harefield, Uxbridge, UB9 6JH Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	655	11	505167 190856
173	Points of Interest - Public Infrastructure Name: Harefield Police Station Location: The Gatehouse, Harefield Hospital, Hillend Road, Harefield, UB9 6JX Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	799	11	505268 190962
173	Points of Interest - Public Infrastructure Name: Harefield Hospital Police Office Location: Hill End Road, Harefield, Uxbridge, UB9 6JH Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	800	11	505269 190962
174	Points of Interest - Public Infrastructure Name: Weir Location: WD3 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	957	11	503704 190205

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
174	Points of Interest - Public Infrastructure Name: Weir Location: WD3 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	958	11	503701 190210
175	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	A18SW (N)	396	11	504479 190832
175	Points of Interest - Recreational and Environmental Name: Playground Location: Mount Pleasant, UB9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18SW (NW)	396	11	504474 190830
176	Points of Interest - Recreational and Environmental Name: Playground Location: Rickmansworth Road, UB9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14NW (E)	684	11	505287 190688

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	Ancient Woodland Name: Old Park Wood Reference: 1496319 Area(m ²): 173667.2 Type: Ancient and Semi-Natural Woodland	A18SE (N)	606	12	504805 191052
178	Ancient Woodland Name: Old Park Wood Reference: 1496314 Area(m ²): 1984.22 Type: Plantation on Ancient Woodland	A23SW (N)	993	12	504585 191461
179	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Proposal Map Status: Adopted Plan Date: 16th January 2020	A13SE (S)	0	10	504637 190447
180	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Proposal Map Status: Adopted Plan Date: 16th January 2020	A13NE (N)	211	10	504718 190665
181	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Proposal Map Status: Adopted Plan Date: 16th January 2020	A13SW (SW)	325	10	504343 190285
182	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Proposal Map Status: Adopted Plan Date: 16th January 2020	A12SE (W)	342	10	504284 190443
183	Areas of Adopted Green Belt Authority: Three Rivers District Council Plan Name: Proposal Map Status: Adopted Plan Date: 25th November 2014	A12SE (W)	396	13	504240 190367
184	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Proposal Map Status: Adopted Plan Date: 16th January 2020	A14SW (E)	629	10	505279 190406
185	Areas of Adopted Green Belt Authority: South Buckinghamshire District Council (now part of Buckinghamshire Council), Development Control Department Plan Name: Proposal Map Status: Adopted Plan Date: 22nd February 2011	A7NW (SW)	787	14	503946 190048
186	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Proposal Map Status: Adopted Plan Date: 16th January 2020	A17NE (NW)	986	10	504057 191270
187	Nitrate Vulnerable Zones Name: Colne And Guc (From Confluence With Chess To Ash) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (S)	0	4	504637 190447
188	Sites of Special Scientific Interest Name: Mid Colne Valley Multiple Areas: Y Total Area (m ²): 1477255.34 Source: Natural England Reference: 1003469 Designation Details: Site Of Special Scientific Interest Designation Date: 1st August 1985 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 1st August 1985 Date Type: Notified	A13NW (W)	184	12	504446 190507

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
189	Sites of Special Scientific Interest Name: Harefield Pit Multiple Areas: N Total Area (m ²): 17960.46 Source: Natural England Reference: 1001658 Designation Details: Geological Conservation Review Designation Date: 1st February 1990 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 1st February 1990 Date Type: Notified	A9NW (SE)	595	12	504985 189938
190	Sites of Special Scientific Interest Name: Old Park Wood Multiple Areas: N Total Area (m ²): 171448.4 Source: Natural England Reference: 1003546 Designation Details: Local Wildlife Site Designation Date: 12th January 1984 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 12th January 1984 Date Type: Notified	A18SE (N)	606	12	504805 191052

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Buckinghamshire Council Environment Agency - Head Office South Buckinghamshire District Council (now part of Buckinghamshire Council) - Environmental Health Department London Borough of Harrow - Environmental Health Services London Borough of Hillingdon - Environmental Protection Unit Three Rivers District Council - Environmental Health Department Chiltern District Council (now part of Buckinghamshire Council) - Environmental Health	December 2019 June 2020 October 2014 October 2017 October 2017 October 2017 September 2017	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Thames Region	October 2021	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 - North East Thames Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region	October 21 October 21 October 21	Quarterly Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control London Borough of Hillingdon - Environmental Health Department London Borough of Harrow - Environmental Health Services Buckinghamshire Council Three Rivers District Council - Environmental Health Department Chiltern District Council (now part of Buckinghamshire Council) - Environmental Health South Buckinghamshire District Council (now part of Buckinghamshire Council) - Environmental Health Department	August 2014 December 2014 February 2015 February 2015 October 2014 September 2014	Variable Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls London Borough of Hillingdon - Environmental Health Department London Borough of Harrow - Environmental Health Services Buckinghamshire Council Three Rivers District Council - Environmental Health Department Chiltern District Council (now part of Buckinghamshire Council) - Environmental Health South Buckinghamshire District Council (now part of Buckinghamshire Council) - Environmental Health Department	August 2014 December 2014 February 2015 February 2015 October 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements London Borough of Hillingdon - Environmental Health Department London Borough of Harrow - Environmental Health Services Buckinghamshire Council Three Rivers District Council - Environmental Health Department Chiltern District Council (now part of Buckinghamshire Council) - Environmental Health South Buckinghamshire District Council (now part of Buckinghamshire Council) - Environmental Health Department	August 2014 December 2014 February 2015 February 2015 October 2014 September 2014	Variable Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	November 2021	
Pollution Incidents to Controlled Waters Environment Agency - Thames Region	September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Thames Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Thames Region	March 2013	
Registered Radioactive Substances Environment Agency - Thames Region	June 2016	As notified

Agency & Hydrological	Version	Update Cycle
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - North East Area	October 2021 October 2021 October 2021	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Thames Region	October 2021	Quarterly
Water Industry Act Referrals Environment Agency - Thames Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2021	Quarterly
Flood Defences Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	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	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	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 - North East Thames Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - North East Area	October 2021 October 2021 October 2021	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - North East Area	October 2021 October 2021 October 2021	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Buckinghamshire Council Buckinghamshire County Council Chiltern District Council (now part of Buckinghamshire Council) - Environmental Health Hertfordshire County Council - Spatial Planning and Economy Unit London Borough of Harrow - Environmental Health Services London Borough of Hillingdon - Environmental Health Department South Buckinghamshire District Council (now part of Buckinghamshire Council) Three Rivers District Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Buckinghamshire Council Buckinghamshire County Council Chiltern District Council (now part of Buckinghamshire Council) - Environmental Health Hertfordshire County Council - Spatial Planning and Economy Unit London Borough of Harrow - Environmental Health Services London Borough of Hillingdon - Environmental Health Department South Buckinghamshire District Council (now part of Buckinghamshire Council) Three Rivers District Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Thames Region - North East Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - Thames Region - North East Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Thames Region - North East Area	June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements London Borough of Harrow Buckinghamshire Council Buckinghamshire County Council Chiltern District Council (now part of Buckinghamshire Council) - Planning Department Hertfordshire County Council - Spatial Planning and Economy Unit South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Three Rivers District Council London Borough of Hillingdon	April 2015 February 2016 February 2016 February 2016 February 2016 February 2016 February 2016 January 2016	Variable Variable Variable Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents London Borough of Harrow Buckinghamshire Council Buckinghamshire County Council Chiltern District Council (now part of Buckinghamshire Council) - Planning Department Hertfordshire County Council - Spatial Planning and Economy Unit South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Three Rivers District Council London Borough of Hillingdon	April 2015 February 2016 February 2016 February 2016 February 2016 February 2016 February 2016 January 2016	Variable Variable 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	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2021	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	Annually
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	December 2015	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	March 2014	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	Bi-Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Bi-Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Bi-Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Bi-Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Bi-Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Bi-Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

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

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Buckinghamshire Council Chiltern District Council (now part of Buckinghamshire Council) - Planning Department London Borough of Harrow London Borough of Hillingdon South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Three Rivers District Council	October 2020 October 2020 October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Buckinghamshire Council Chiltern District Council (now part of Buckinghamshire Council) - Planning Department London Borough of Harrow London Borough of Hillingdon South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Three Rivers District Council	October 2020 October 2020 October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

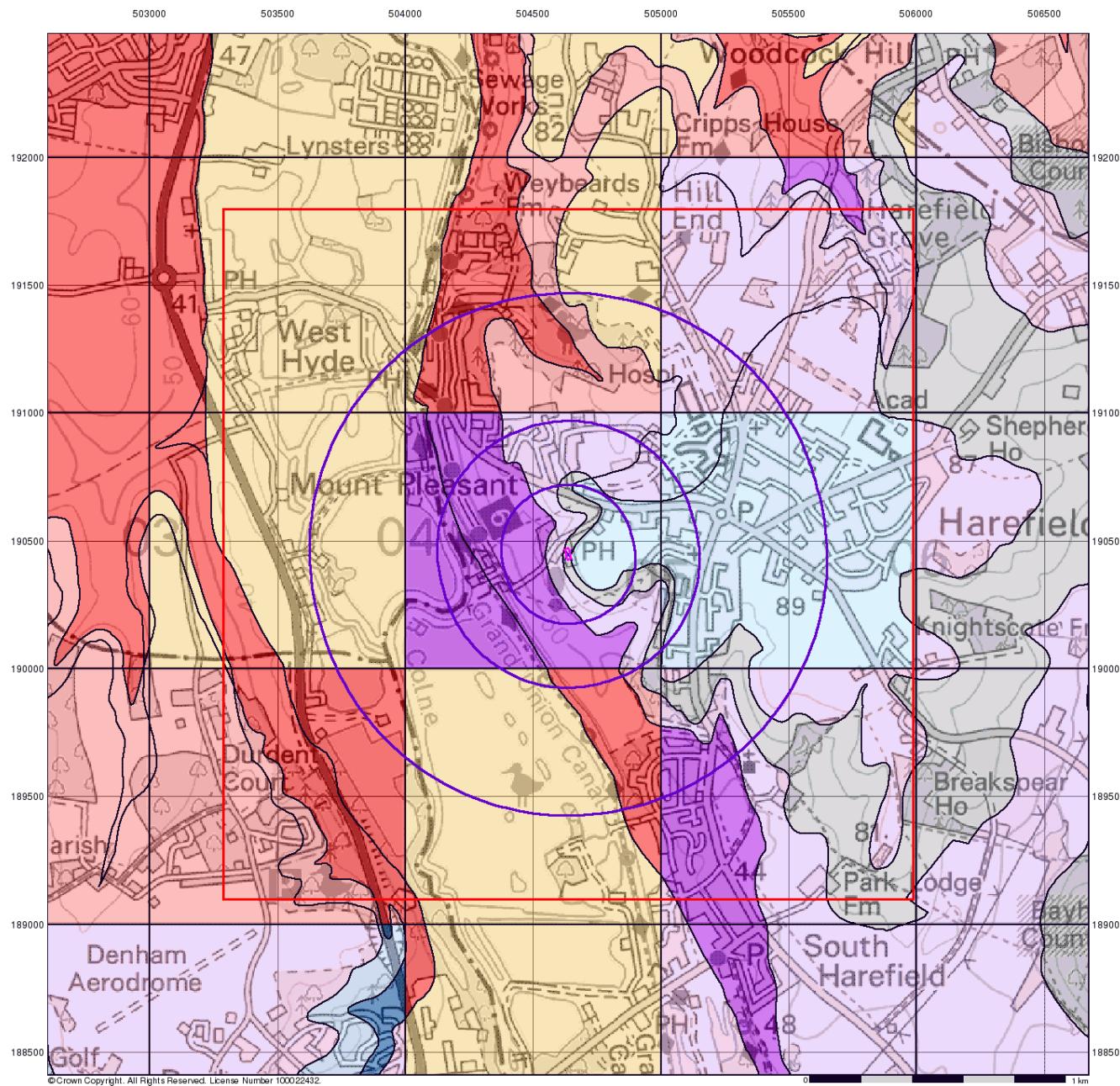
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	 Map data
Environment Agency	 Environment Agency
Scottish Environment Protection Agency	 Scottish Environment Protection Agency
The Coal Authority	 The Coal Authority
British Geological Survey	 British Geological Survey NATIONAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATIONAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	 Cyfoeth Naturiol Cymru Natural Resources Wales
Scottish Natural Heritage	 SCOTTISH NATURAL HERITAGE
Natural England	 NATURAL ENGLAND
Public Health England	 Public Health England
Ove Arup	 ARUP
Stantec UK Ltd	 Stantec

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	London Borough of Hillingdon - Environmental Health Department Civic Centre, High Street, Uxbridge, Middlesex, UB8 1UW	Telephone: 01895 250111 Fax: 01895 277443 Website: www.hillingdon.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Hertfordshire County Council - Spatial Planning and Economy Unit County Hall, Hertford, Hertfordshire, SG13 8DN	Telephone: 01992 556266 Fax: 01992 556015 Email: spatialplanning@hertfordshire.gov.uk Website: www.hertsdirect.org
7	Three Rivers District Council - Environmental Health Department Three Rivers House, Northway, Rickmansworth, Hertfordshire, WD3 1RL	Telephone: 01923 776611 Fax: 01923 896119 Website: www.threerivers.gov.uk
8	Buckinghamshire County Council County Hall, Aylesbury, Buckinghamshire, HP20 1UA	Telephone: 01296 395900 Fax: 01296 88887 Website: www.buckscc.gov.uk
9	South Buckinghamshire District Council (now part of Buckinghamshire Council) Capswood, Oxford Road, Denham, Berkshire, UB9 4LH	Telephone: 01895 837200 Website: www.southbucks.gov.uk
10	London Borough of Hillingdon Civic Centre, High Street, Uxbridge, Middlesex, UB8 1UW	Telephone: 01895 250111 Fax: 01895 250830 Website: www.hillingdon.gov.uk
11	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, EX2 7HY	Website: www.pointx.co.uk
12	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
13	Three Rivers District Council Three Rivers House, Northway, Rickmansworth, Hertfordshire, WD3 1RL	Telephone: 01923 776611 Fax: 01923 896119 Website: www.threerivers.gov.uk
14	South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Capswood, Oxford Road, Denham, Berkshire, UB9 4LH	Telephone: 01895 837200 Website: www.southbucks.gov.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

Contact	Name and Address	Contact Details
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

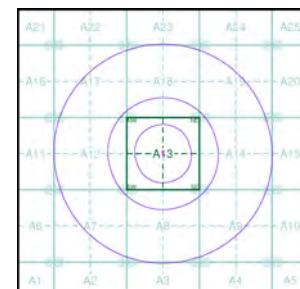
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

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

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ

Bedrock Aquifer Designation

General

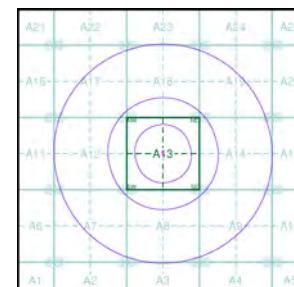
 Specified Site
  Specified Buffer(s)
  Bearing Reference Point
 Slice
  Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

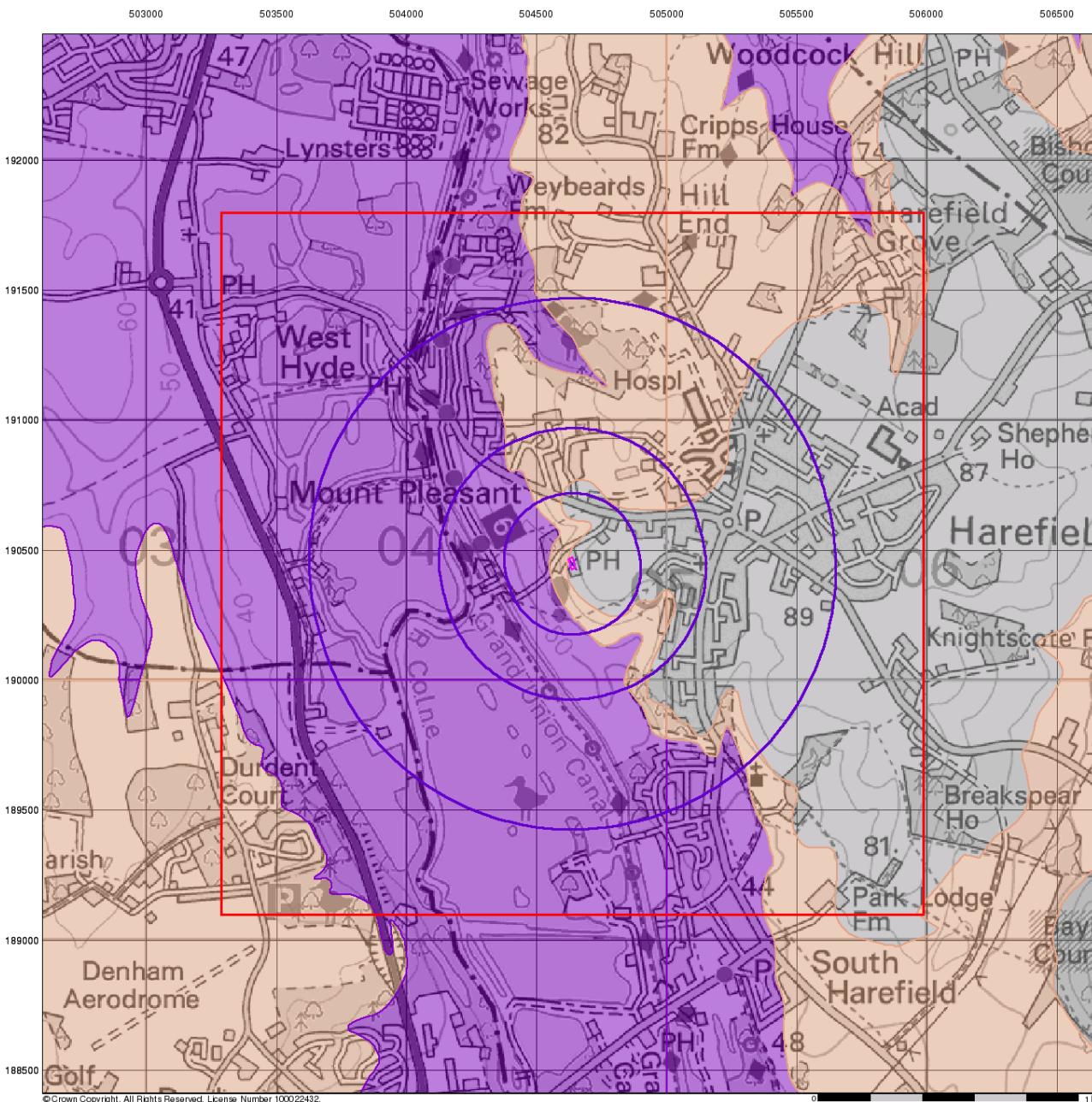


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 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ



Superficial Aquifer Designation

General

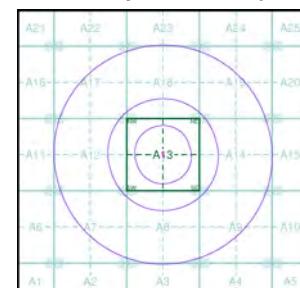
 Specified Site
  Specified Buffer(s)
  Bearing Reference Point
 Slice
  Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

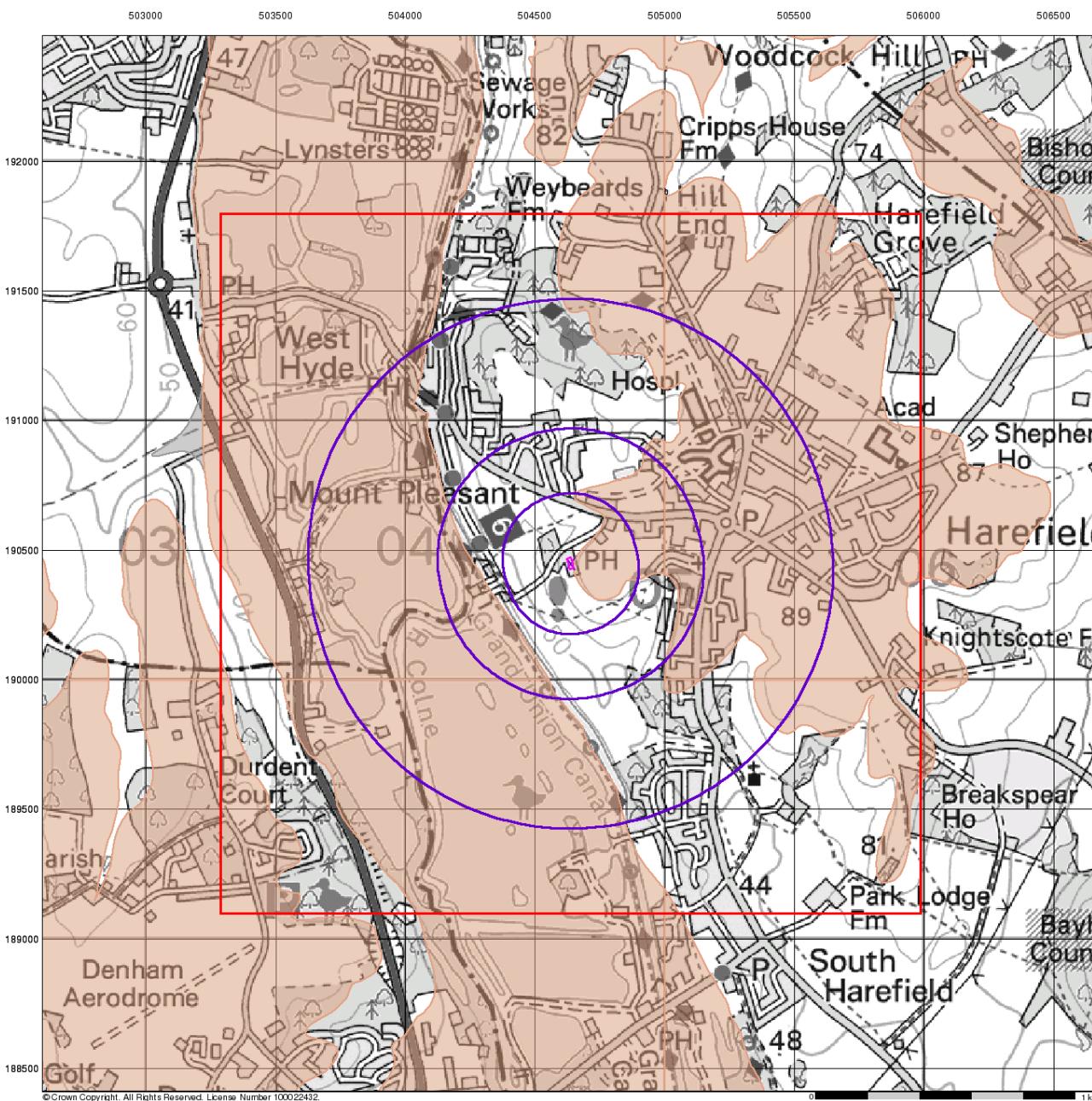


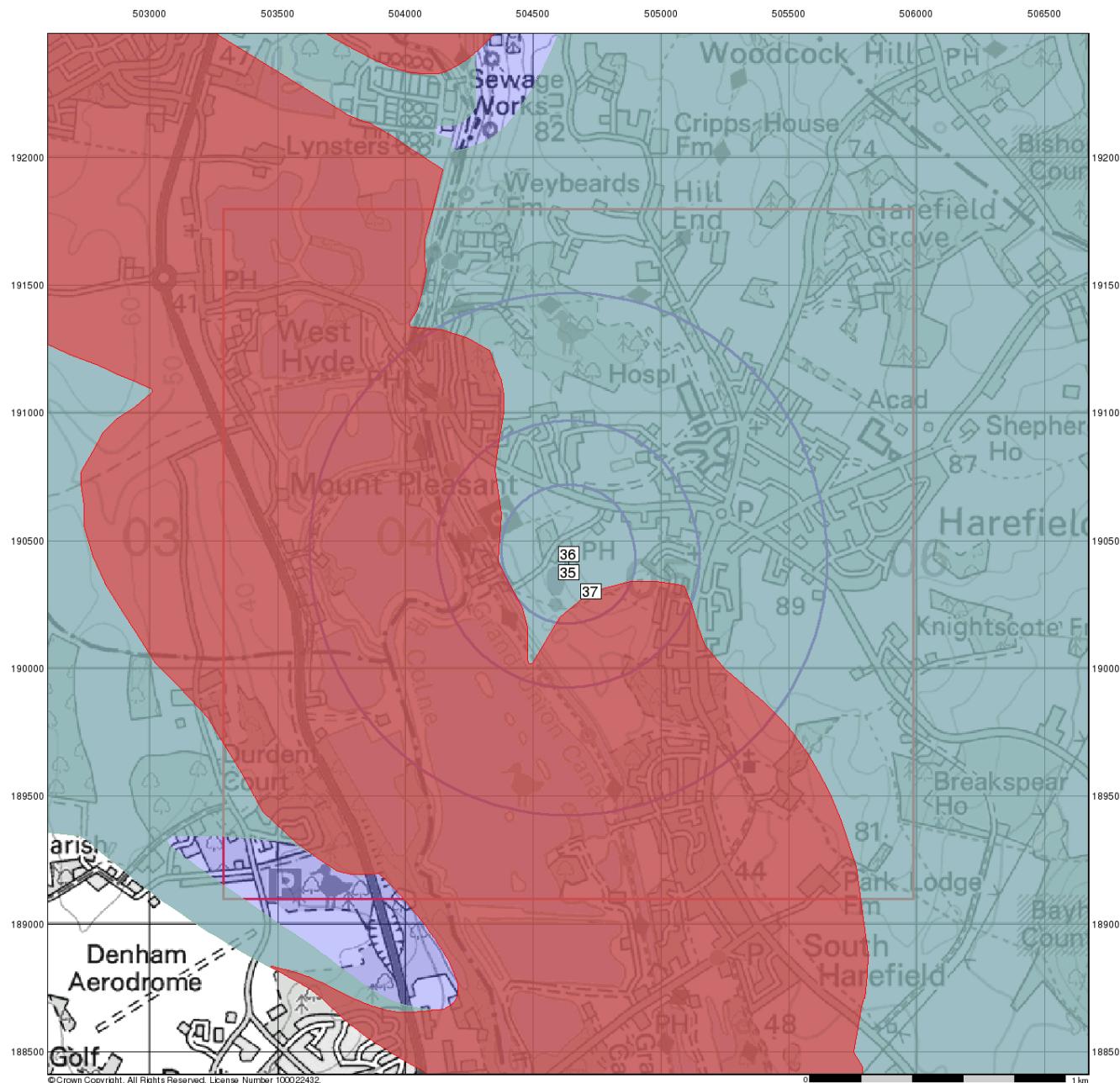
Order Details

Order Number: 28962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ





Source Protection Zones

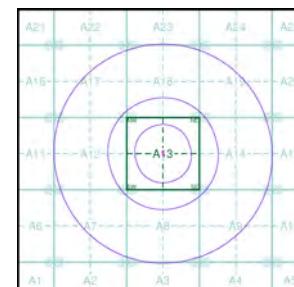
General

◊ Specified Site ◊ Specified Buffer(s) X Bearing Reference Point
◻ Slice ◻ Map ID

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A

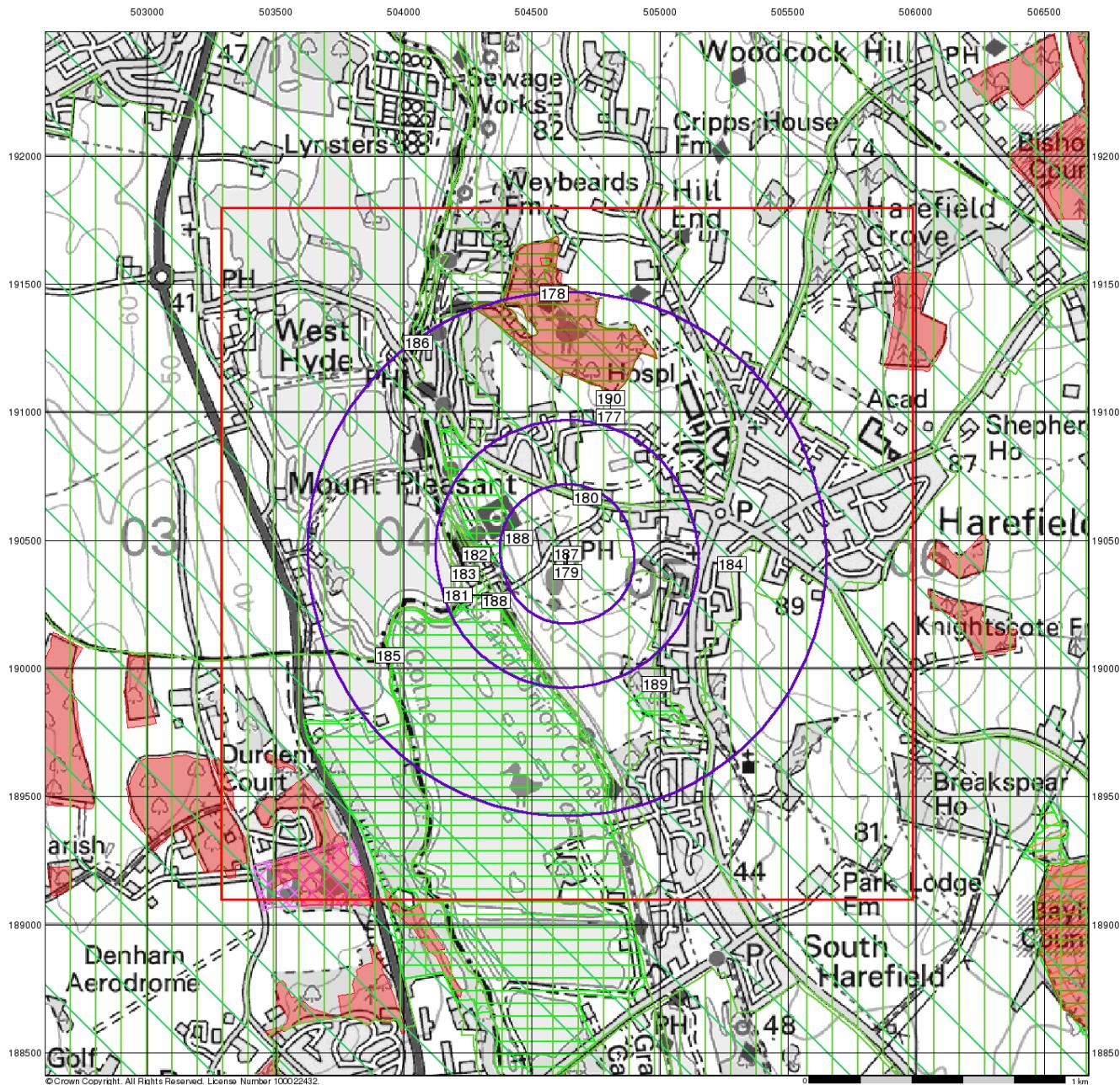


Order Details

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Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



Sensitive Land Uses

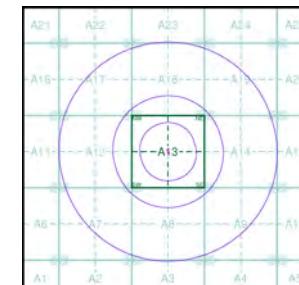
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A

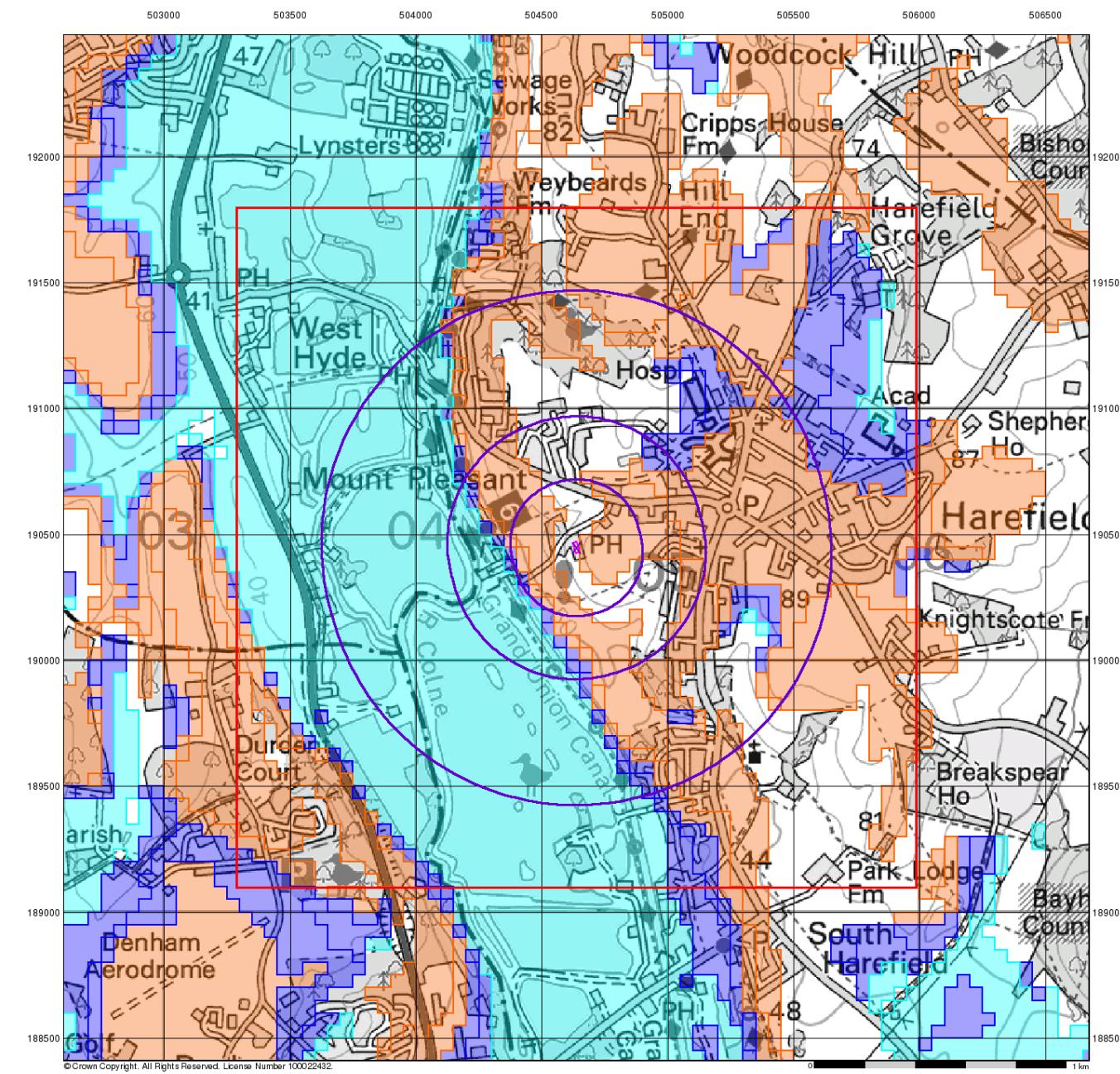


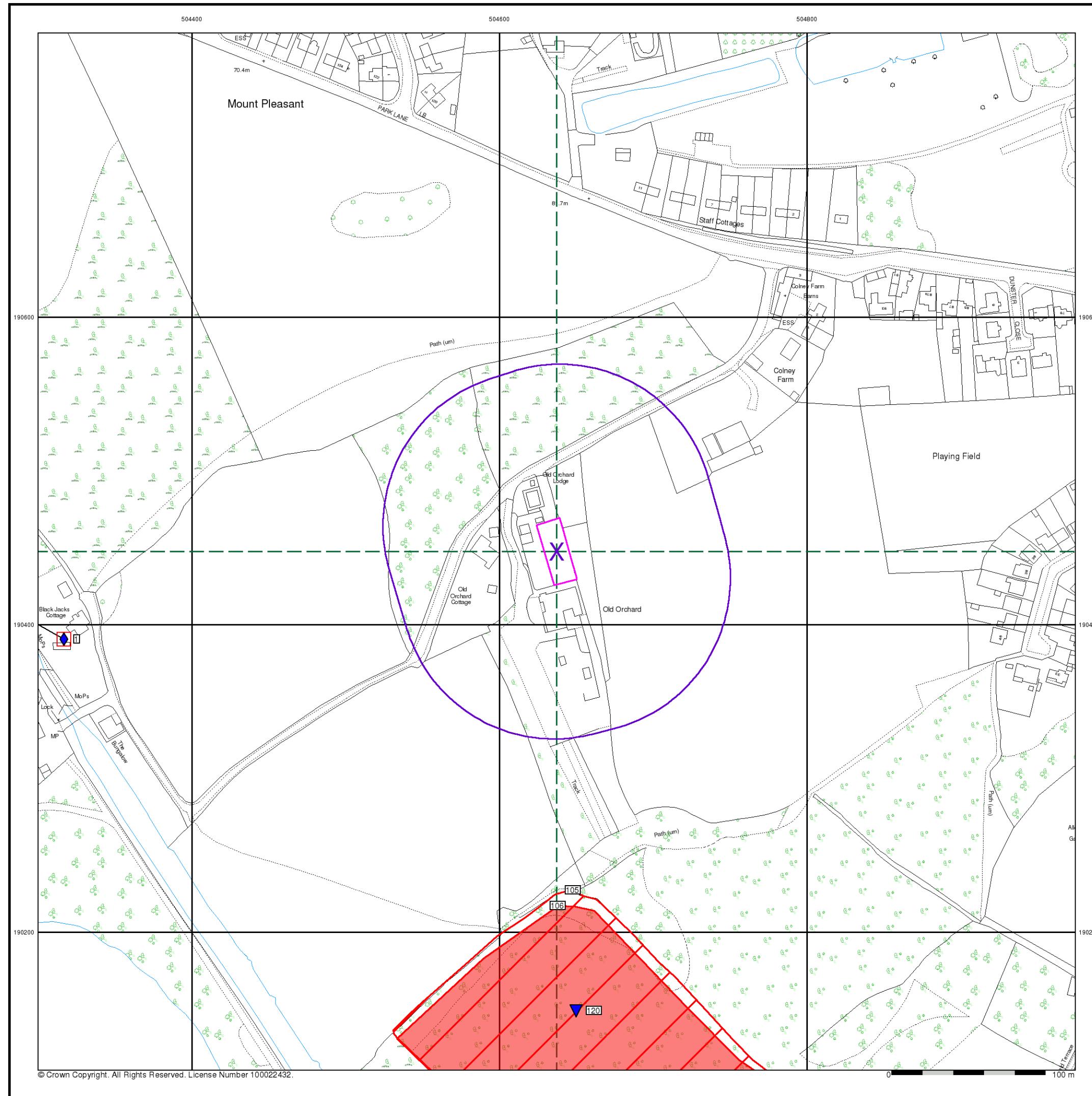
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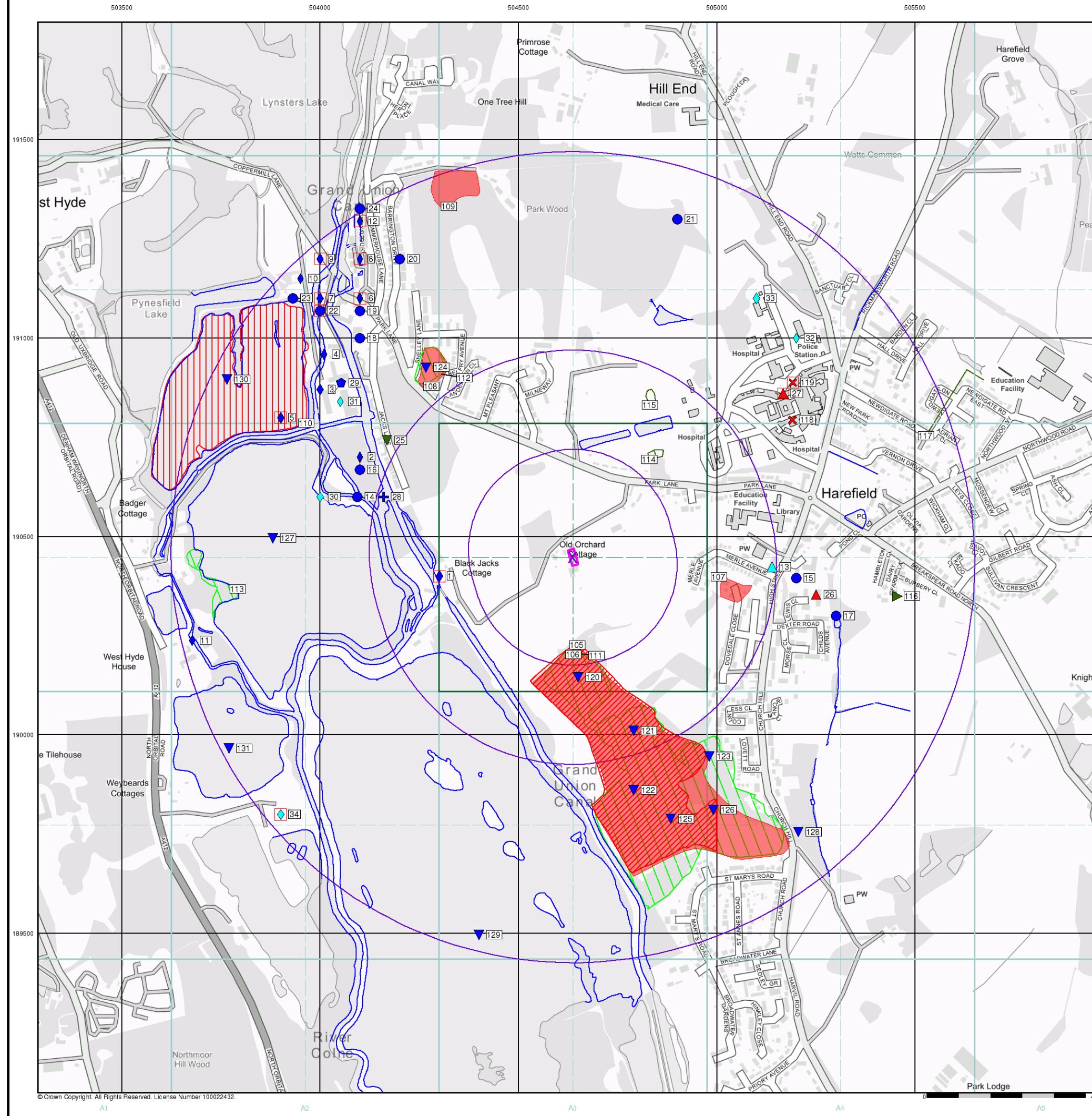
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 Slice: A
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Site Details

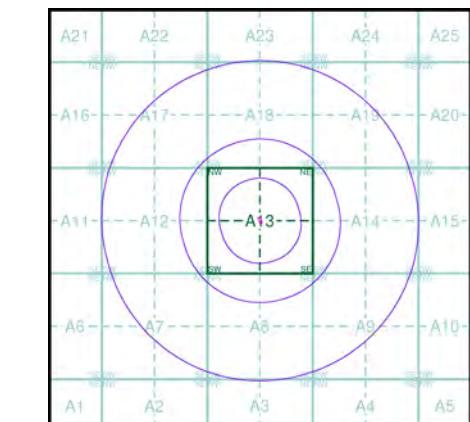
Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ







Site Sensitivity Map - Slice A

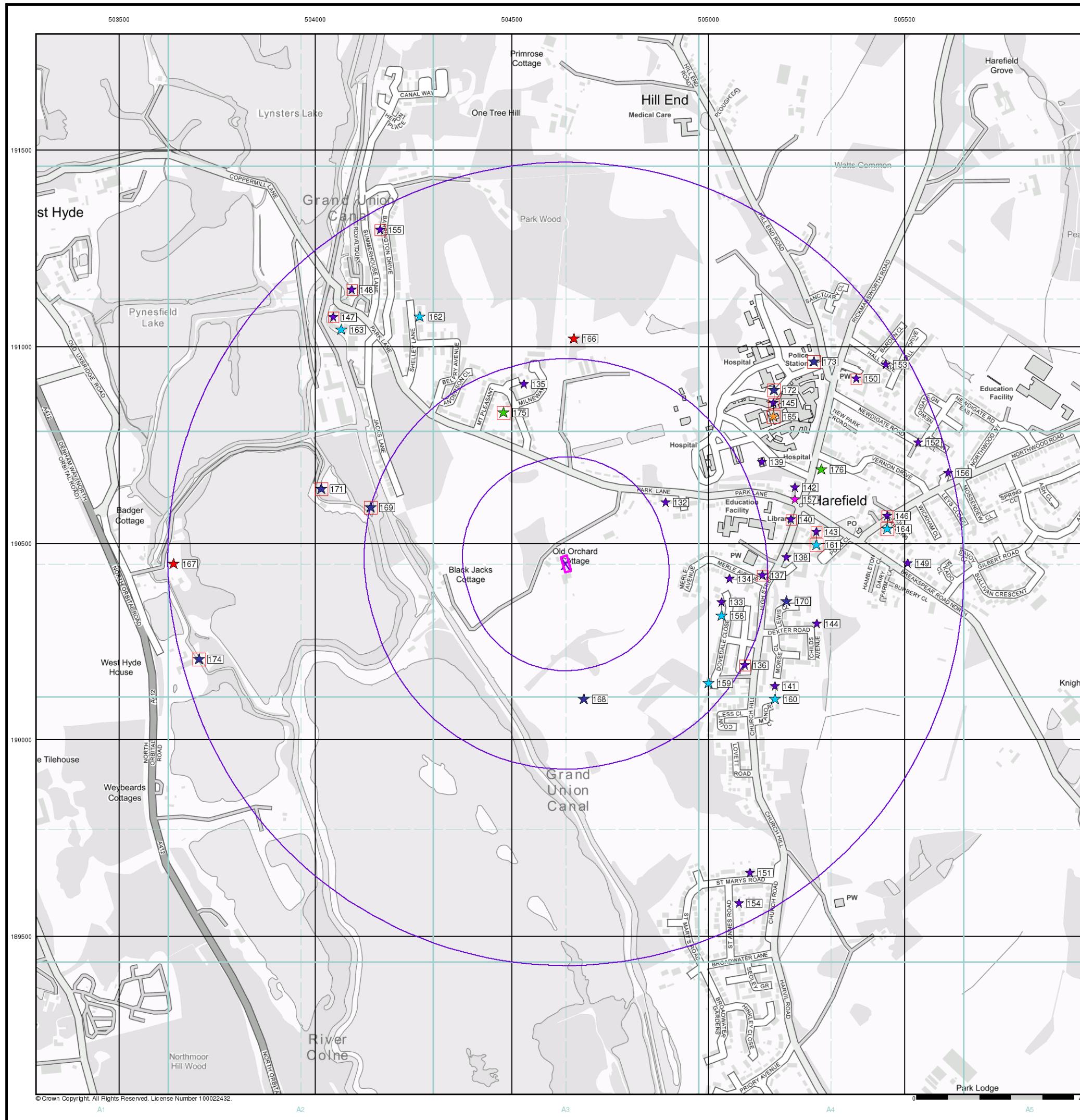


Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



Industrial Land Use Map

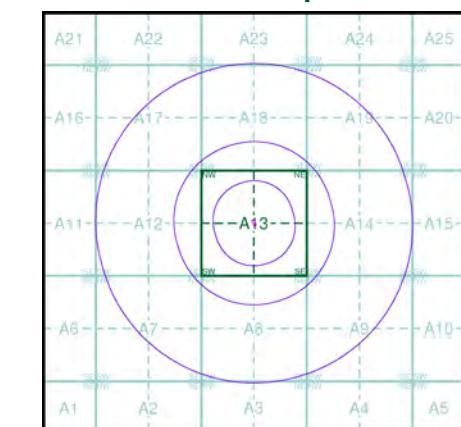
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A

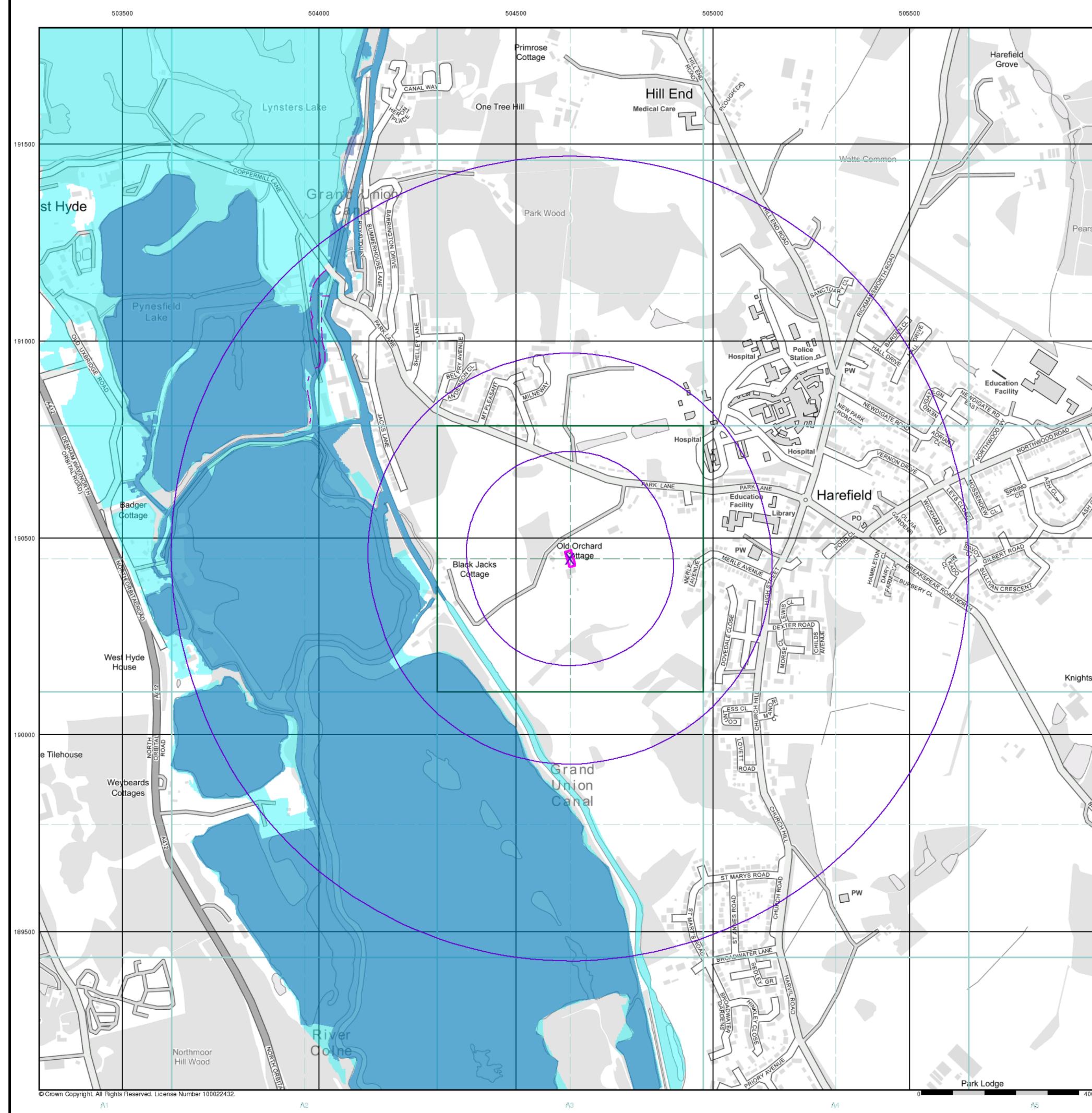


Order Details

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Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

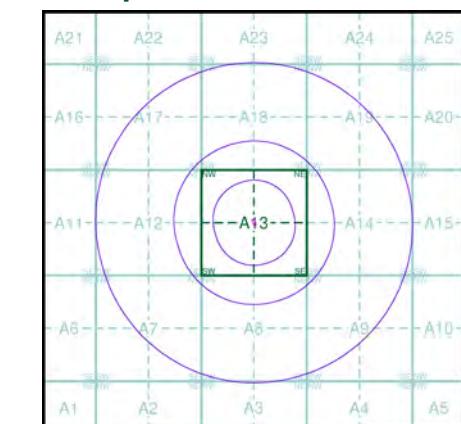
Site Details


General

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

Agency and Hydrological (Flood)

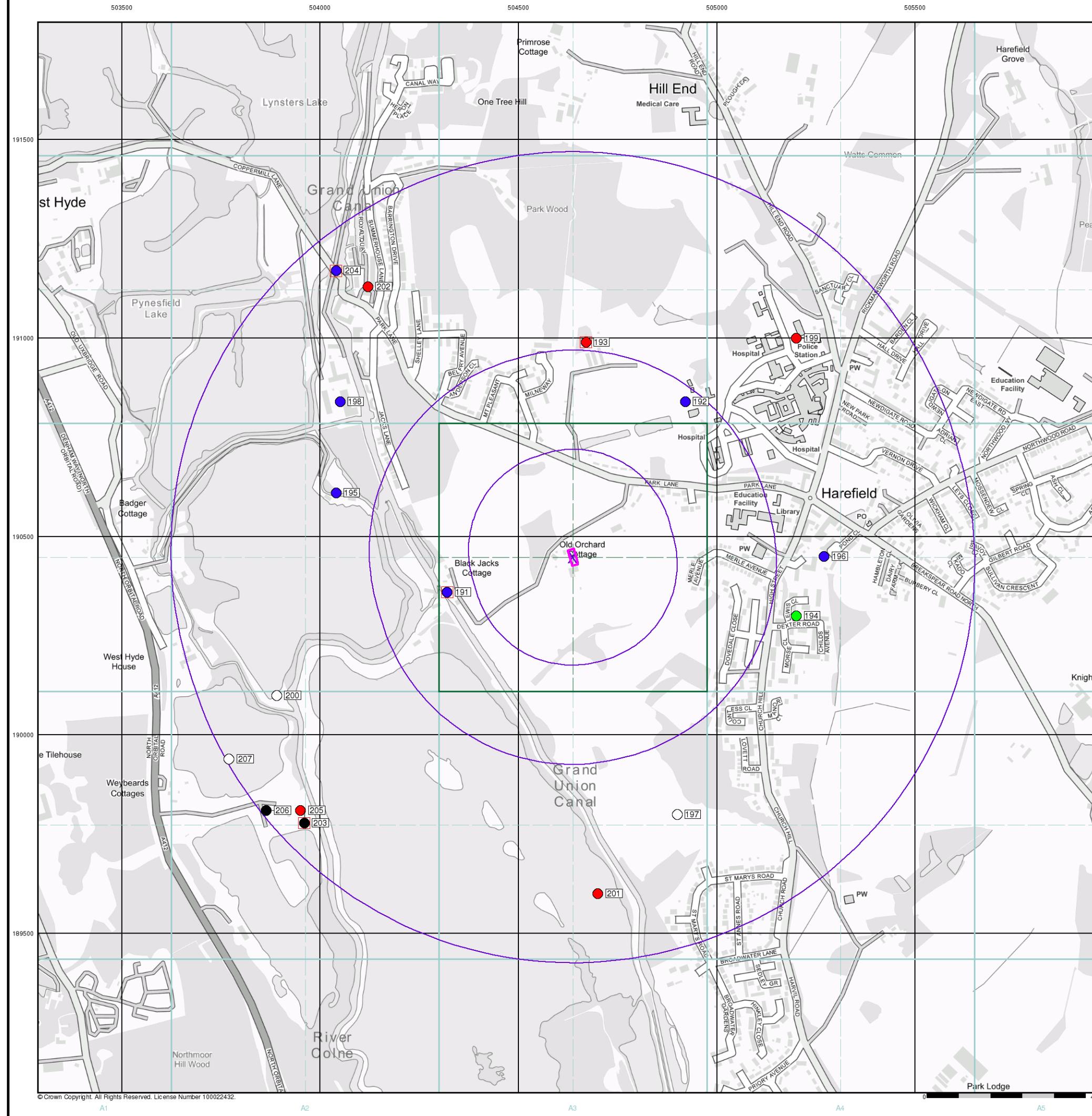
- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

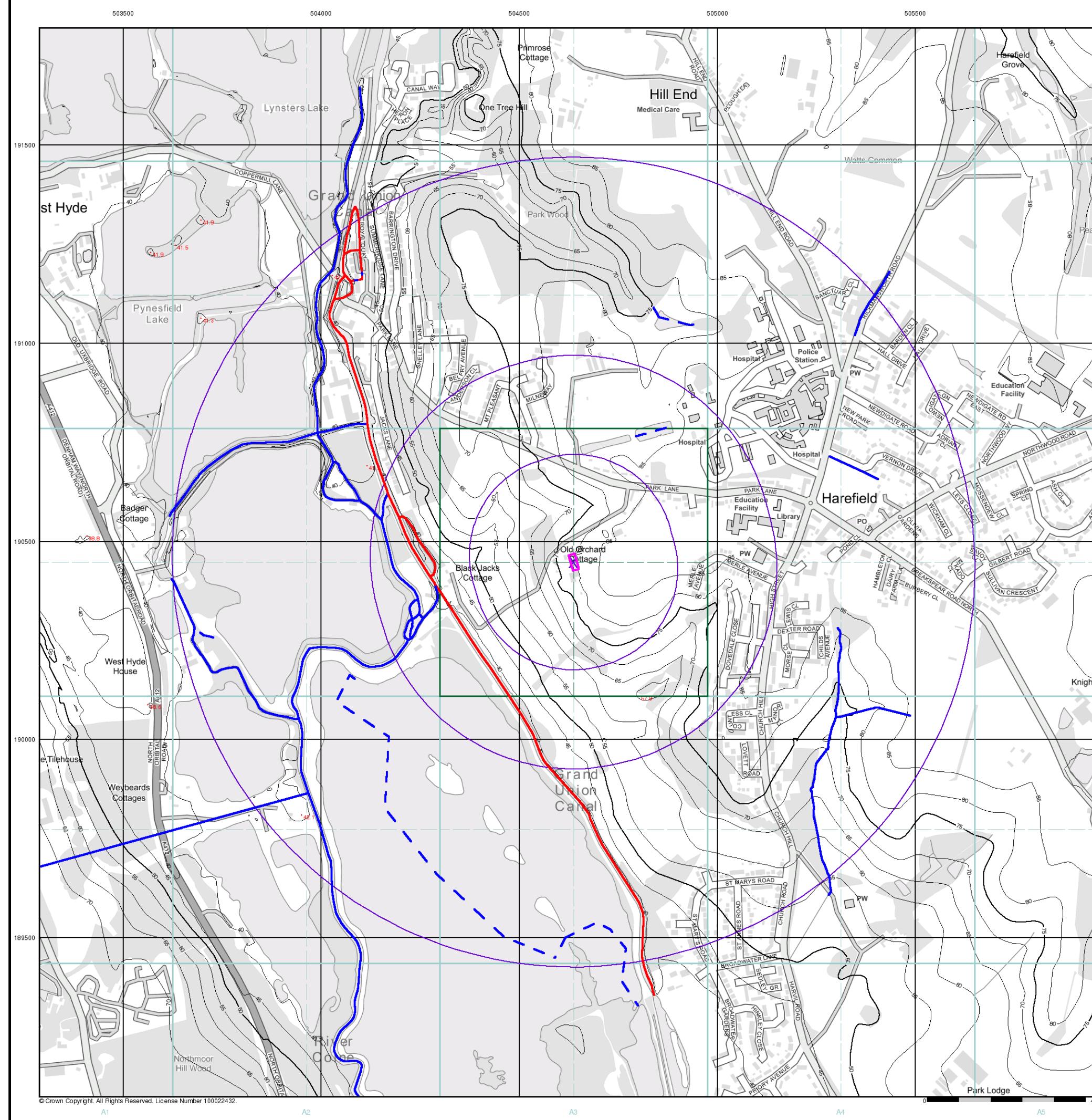
Flood Map - Slice A

Order Details

Order Number: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ





General

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

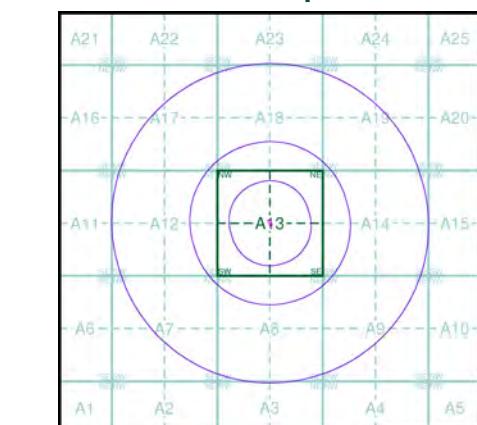
OS Water Network Data

- Drain
- Reservoir
- Foreshore
- Lake
- Marsh
- Transfer
- Tidal River
- Inland River
- Sea

Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height
- MLW
- MHW

OS Water Network Map - Slice A

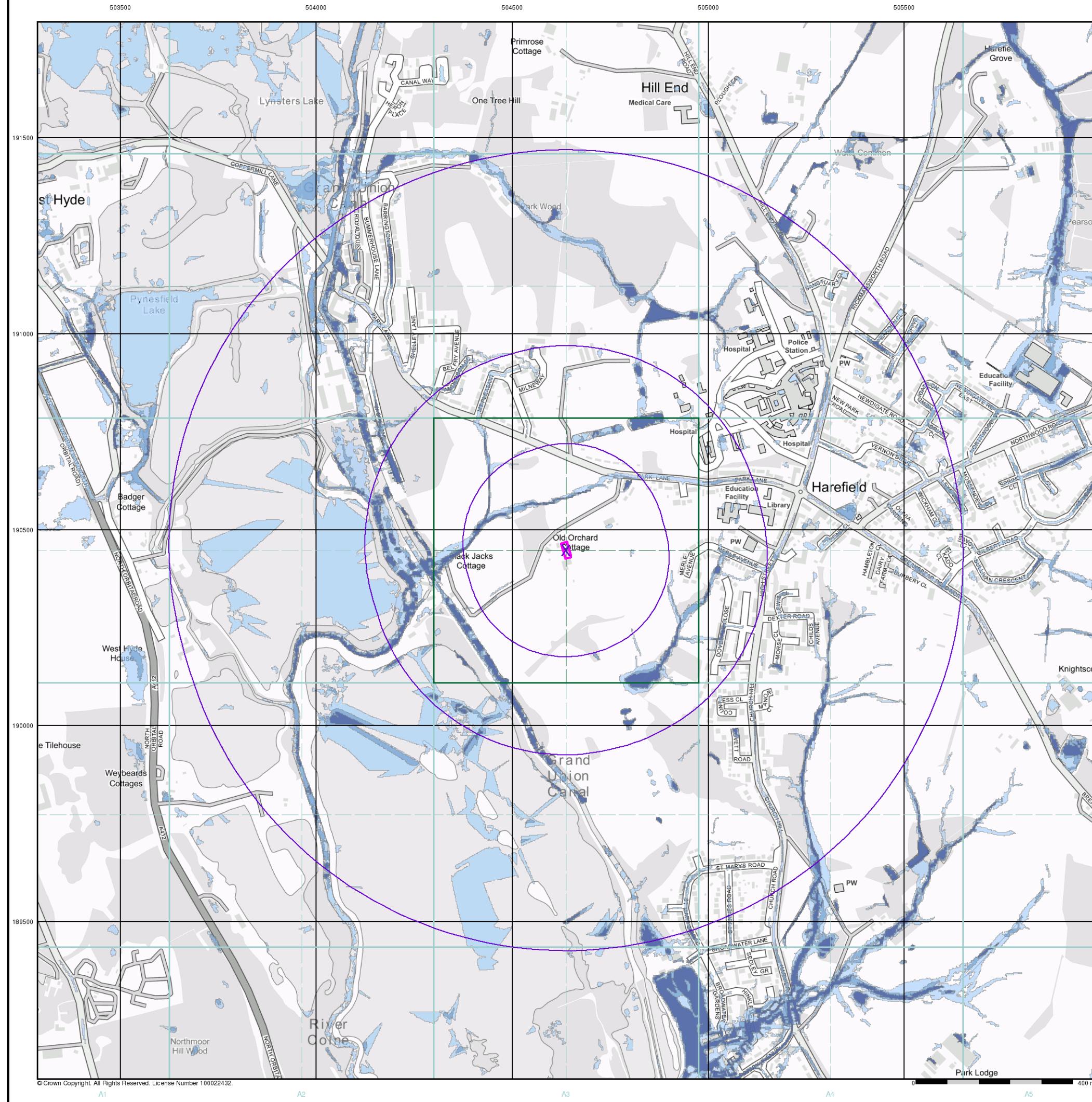


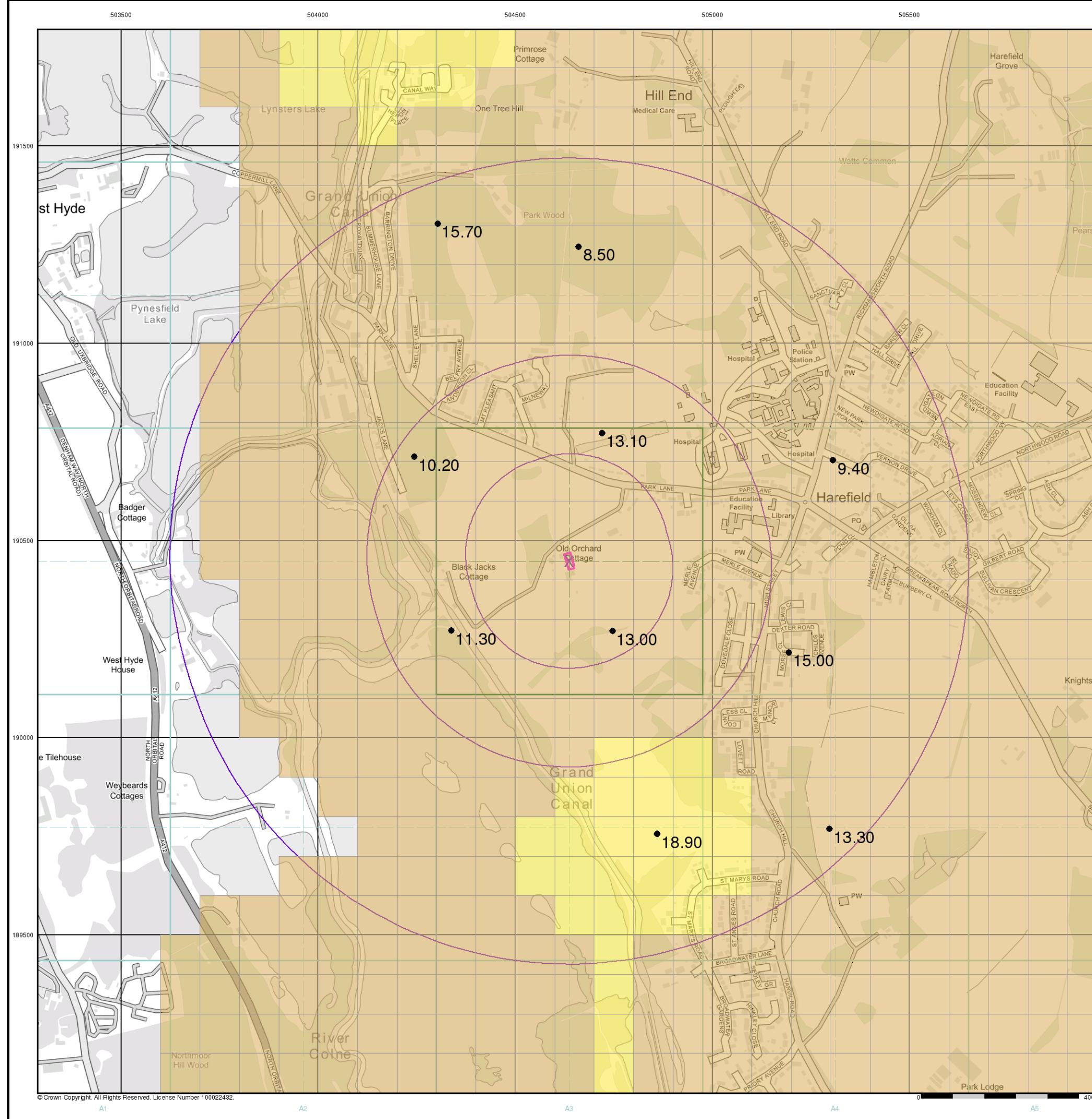
Order Details

Order Number: 289962449_1_1
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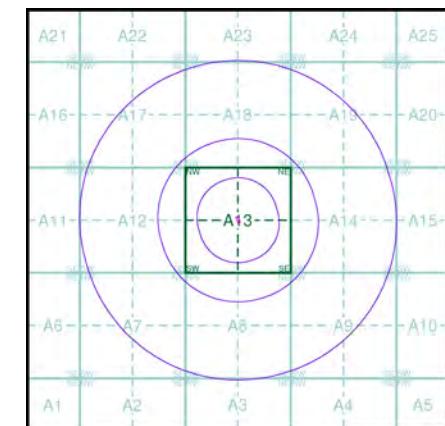
Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBRIIDGE, UB9 6HJ





Urban Soil Chemistry Arsenic - Slice A

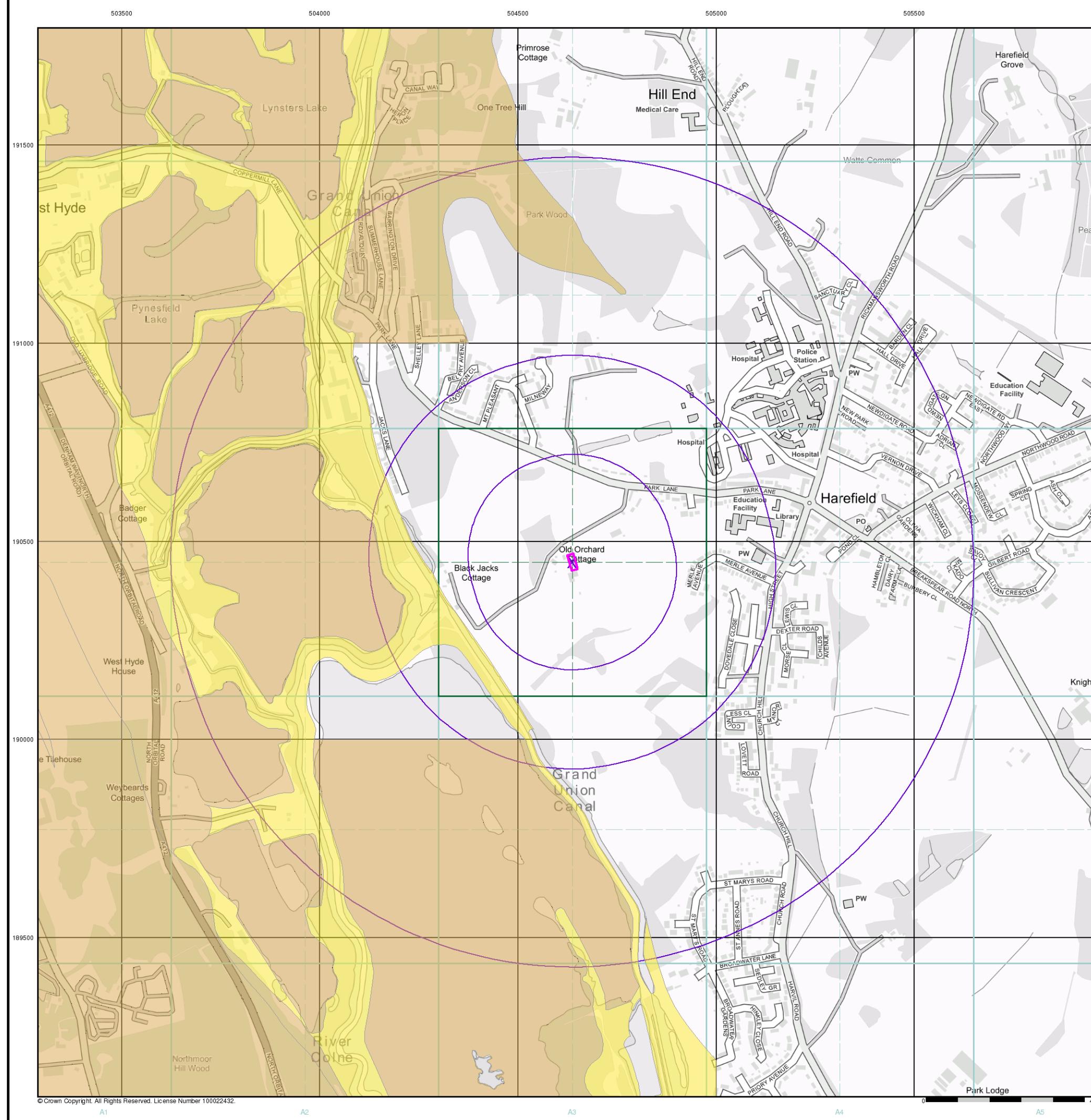


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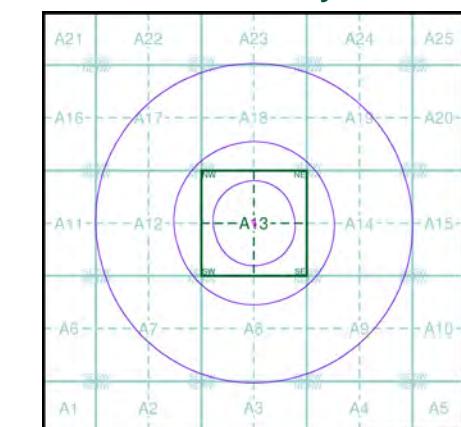
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 Slice: A
 Site Area (Ha): 0.07
 Search buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



Estimated Soil Chemistry Arsenic - Slice A

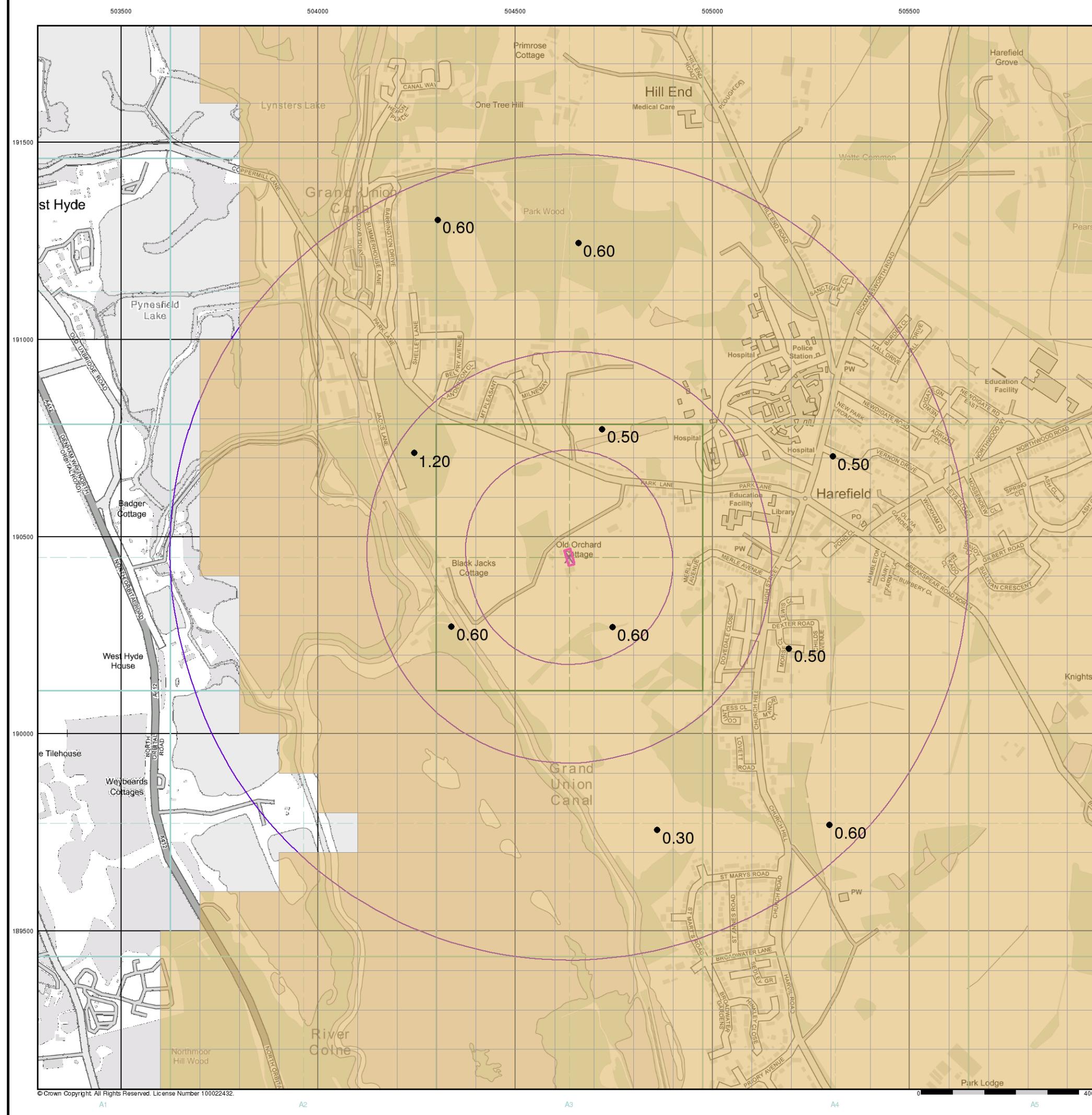


Order Details

Order Details: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
 Slice: A
 Site Area (Ha): 0.07
 Search buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBRIIDGE, UB9 6HJ



General

Specified Site

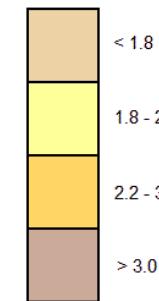
Specified Buffer(s)

Bearing Reference Point

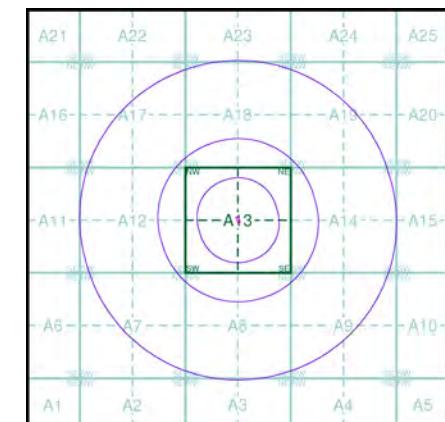
Urban Soil Chemistry Cadmium

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Cadmium Concentrations mg/kg



Urban Soil Chemistry Cadmium - Slice A

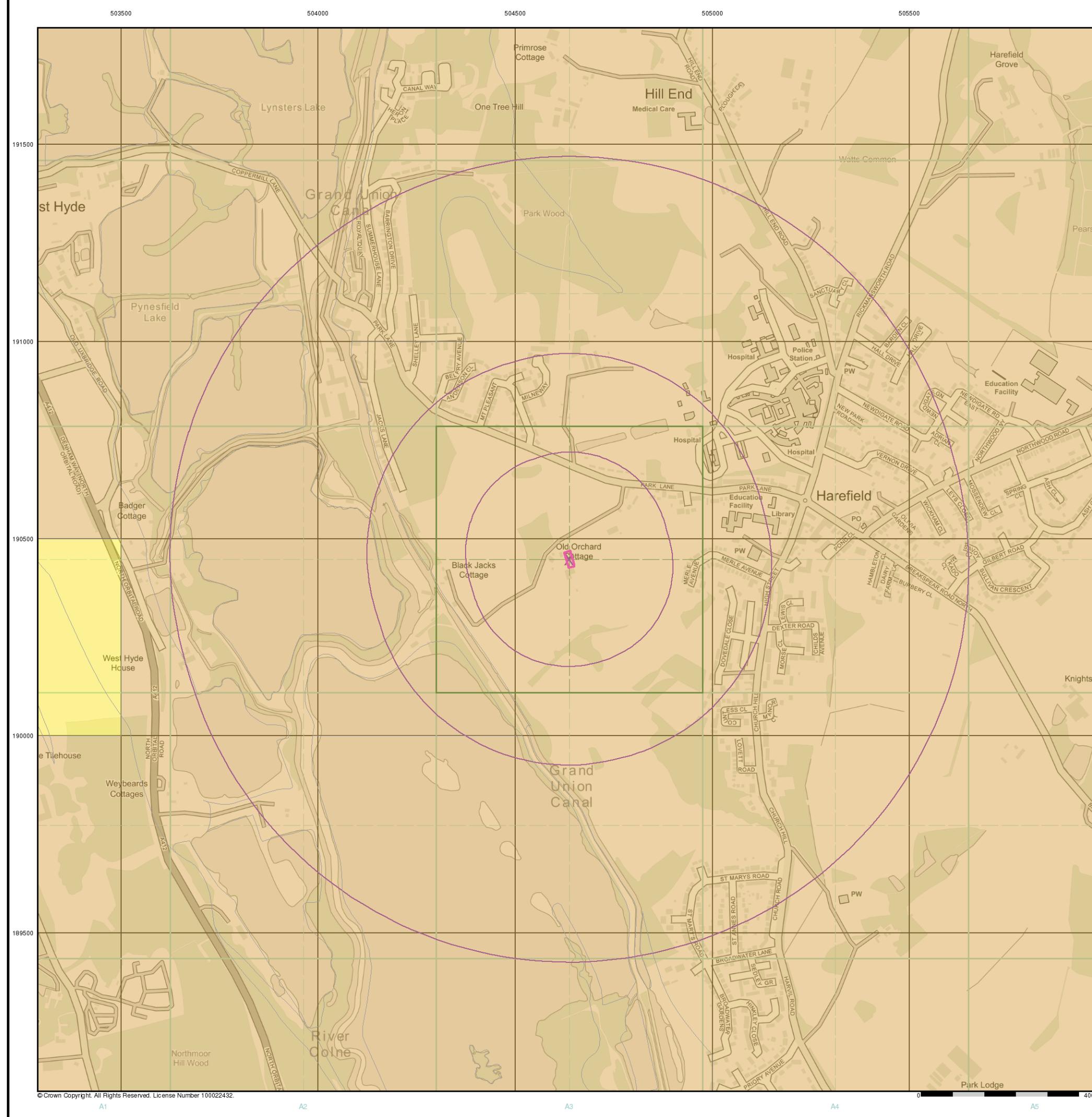


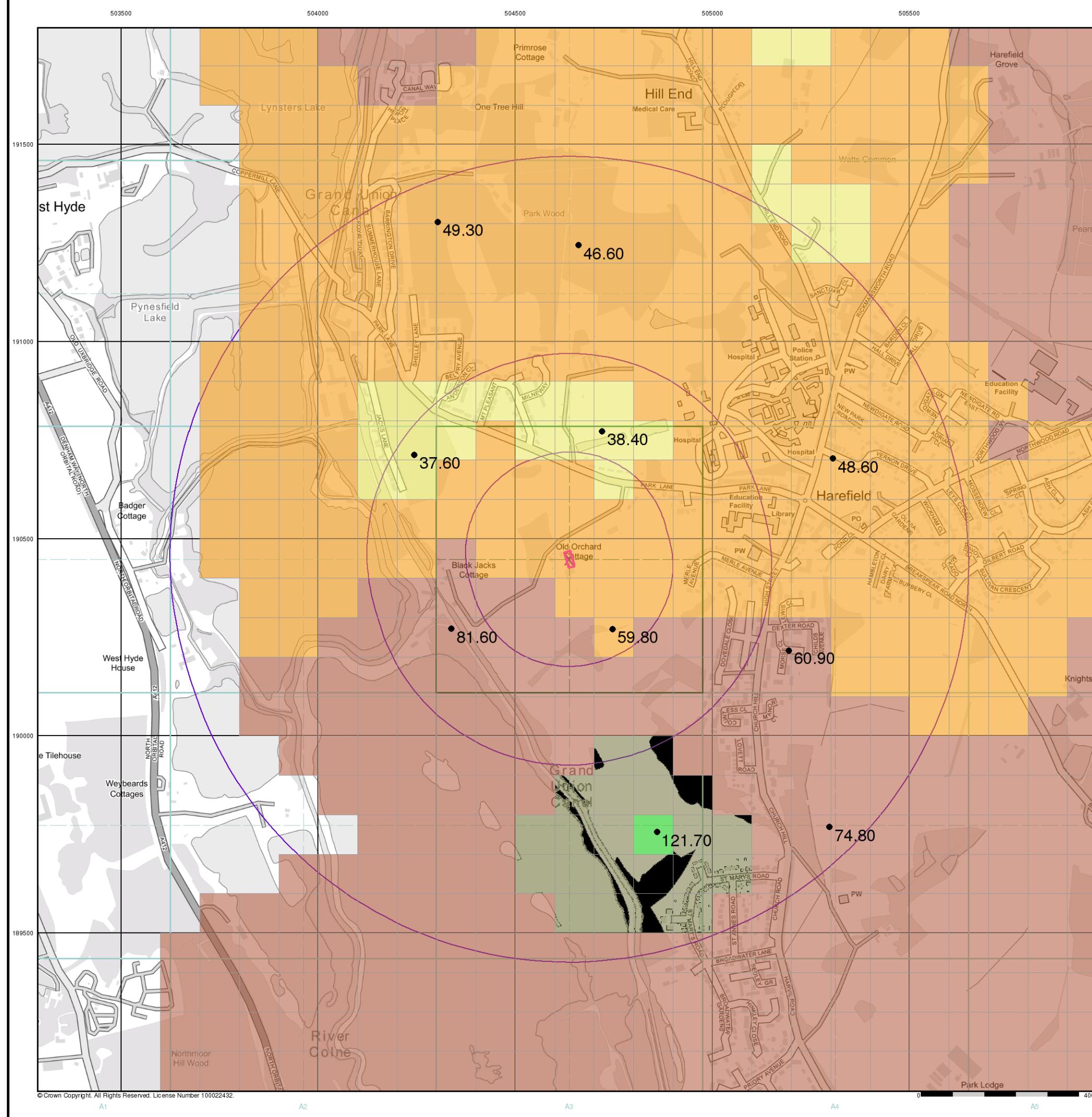
Order Details

Order Details: 289962449_1_1
 Customer Ref: J15005_VF
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 Slice: A
 Site Area (Ha): 0.07
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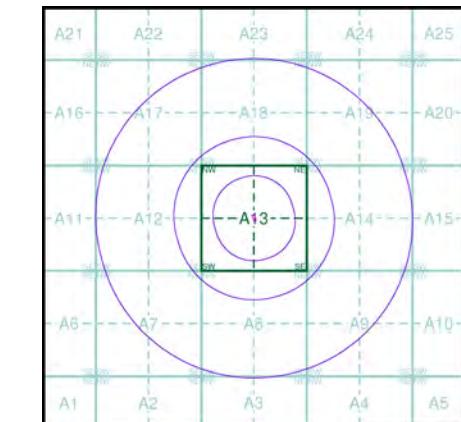
Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ





Urban Soil Chemistry Chromium - Slice A

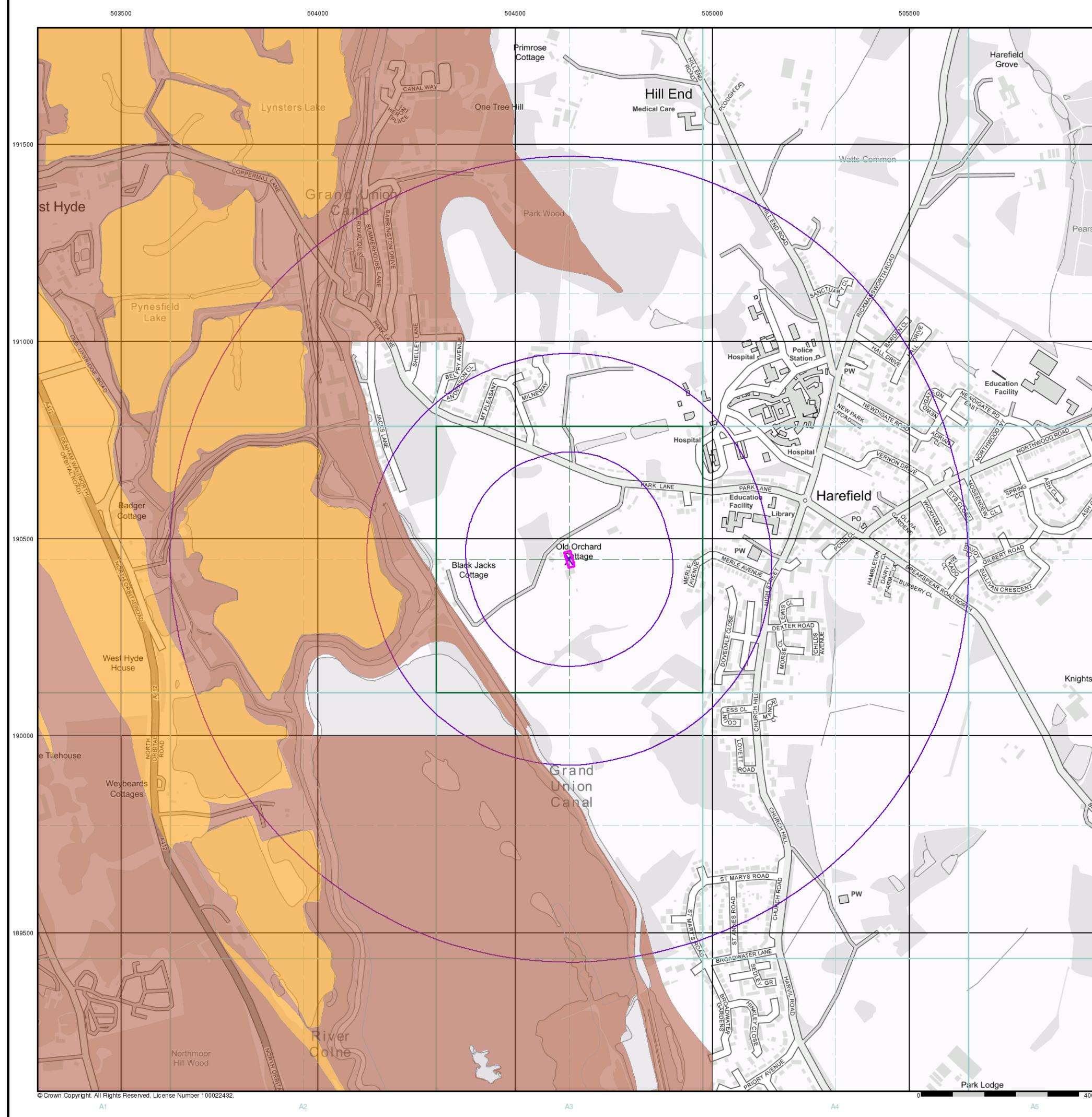


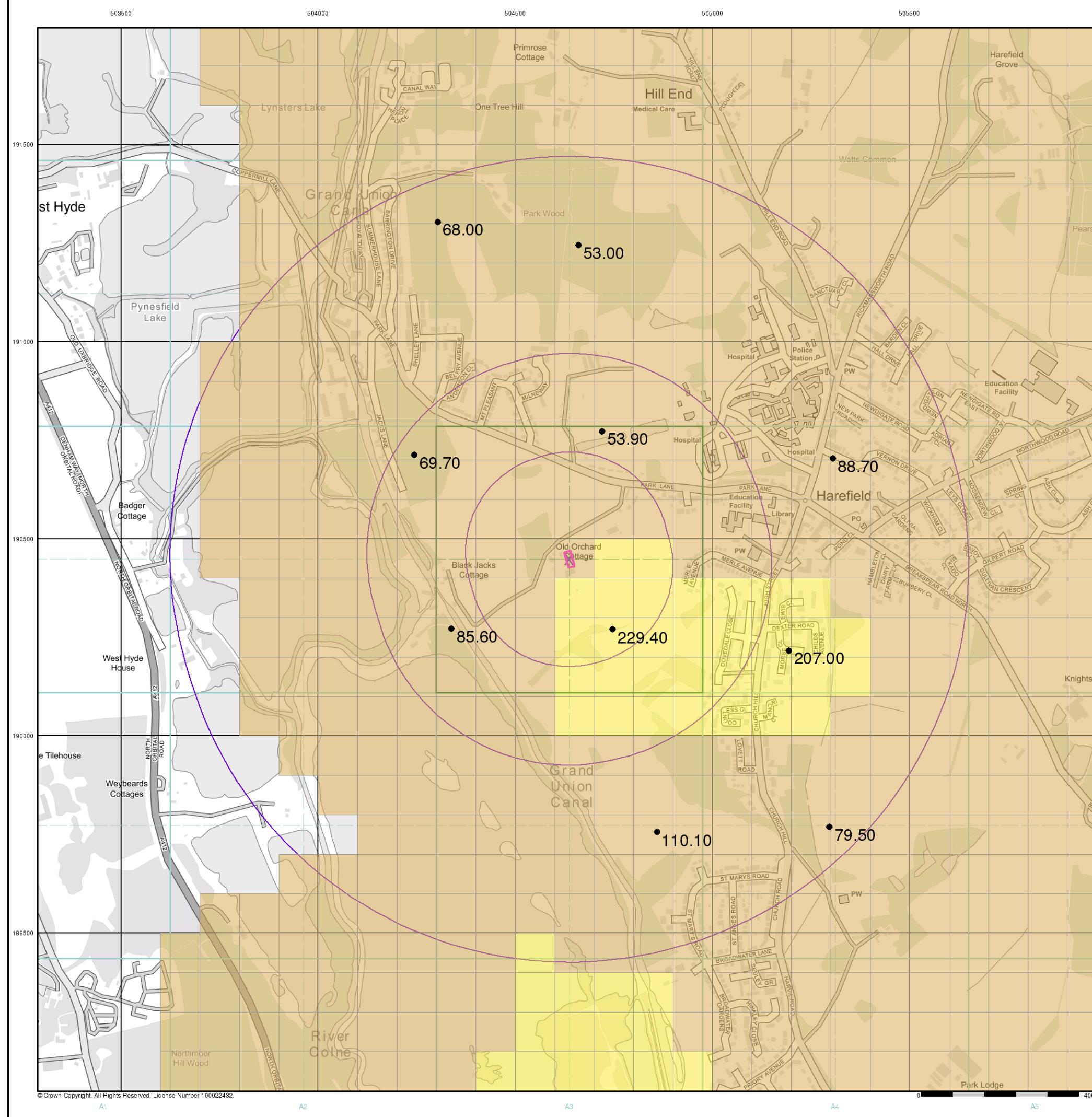
Order Details

Order Details: 289962449_1_1
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 National Grid Reference: 504640, 190450
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Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ





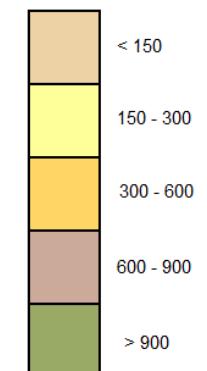
General

Specified Site Specified Buffer(s) Bearing Reference Point

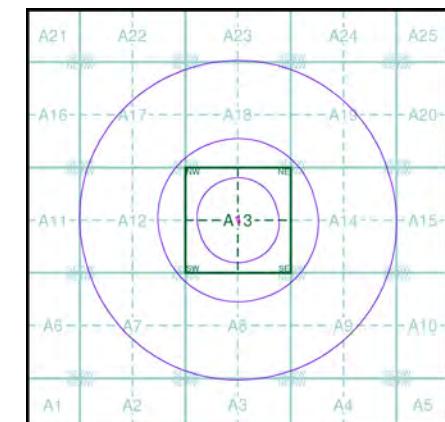
Urban Soil Chemistry Lead

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Lead Concentrations mg/kg



Urban Soil Chemistry Lead - Slice A

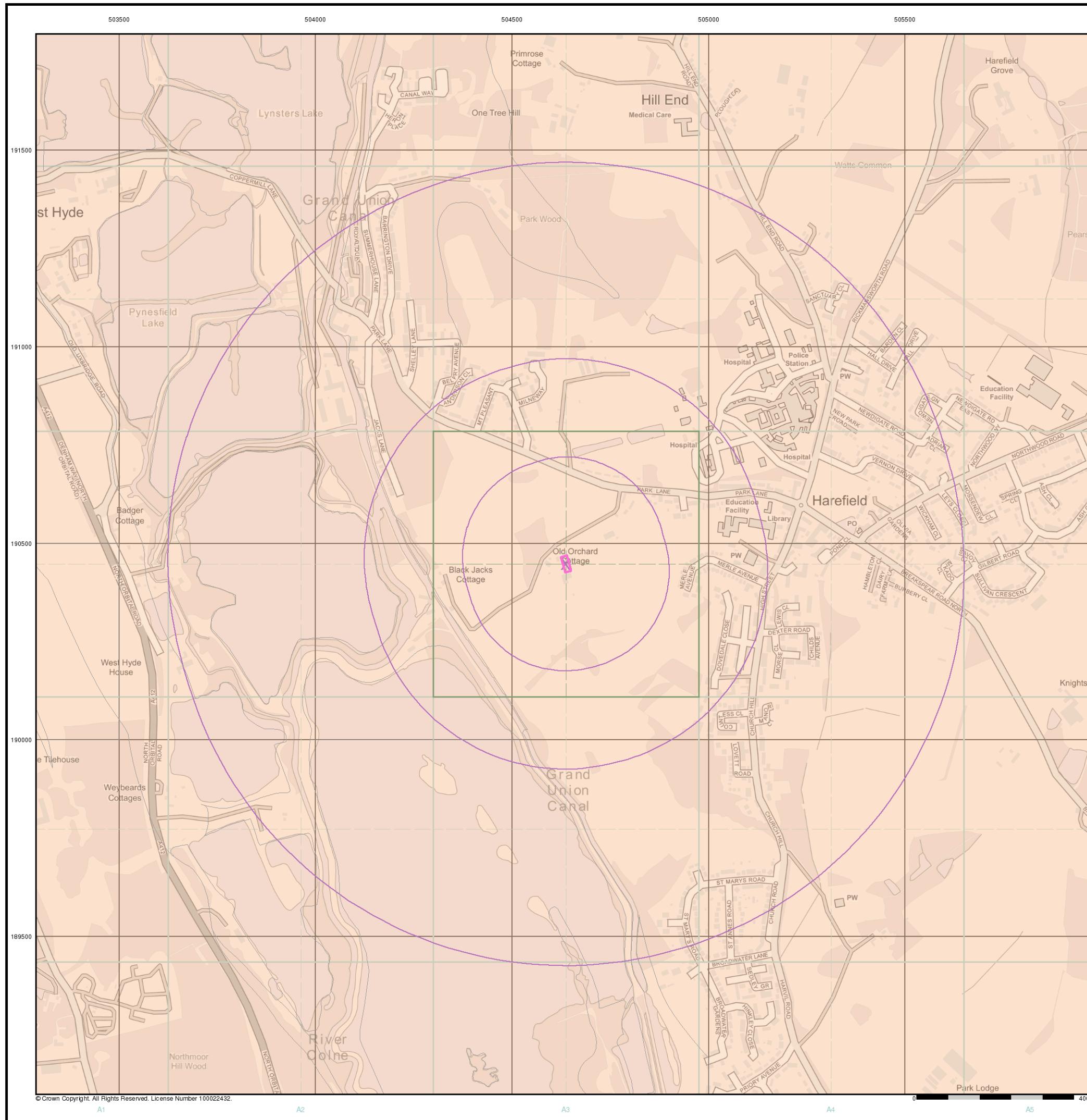


Order Details

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 Customer Ref: J15005_VF
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 Search buffer (m): 1000

Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



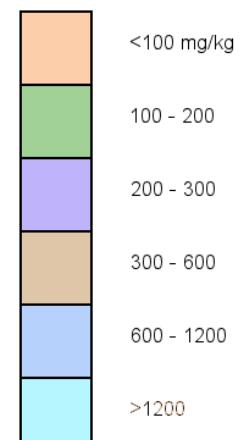
General

Specified Site Specified Buffer(s)

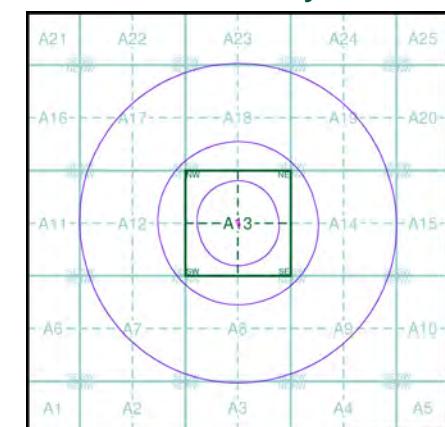
Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

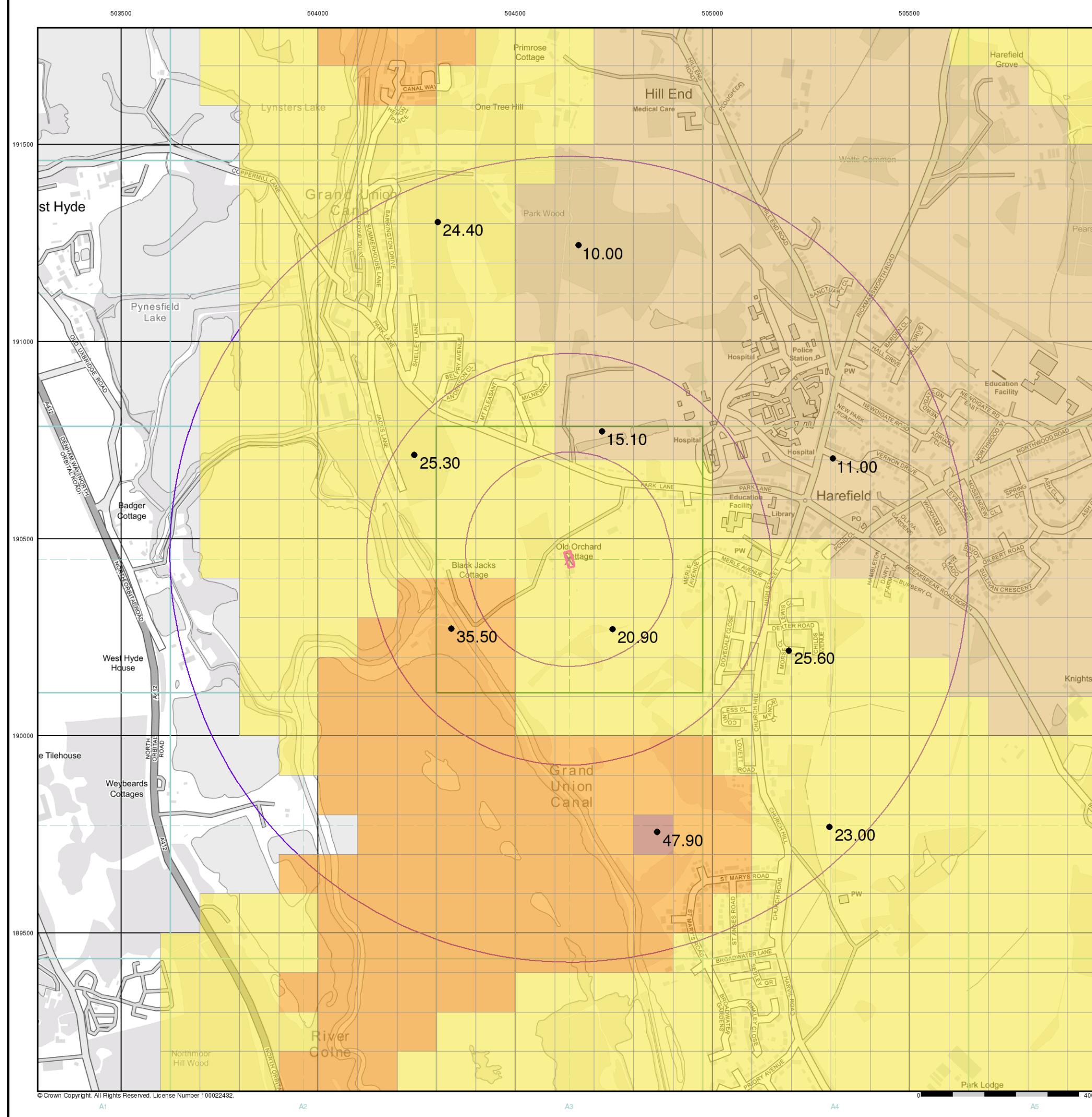


Order Details

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Customer Ref: J15005_VF
National Grid Reference: 504640, 190450
Slice: A
Site Area (Ha): 0.07
Search buffer (m): 1000

Site Details

Site Details
Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ



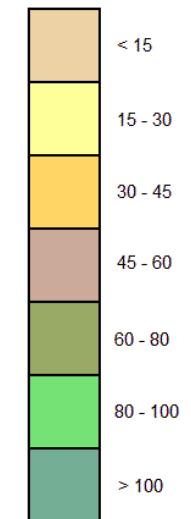
General

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

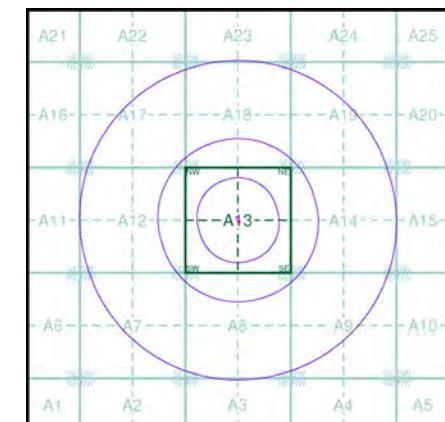
Urban Soil Chemistry Nickel

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Nickel Concentrations mg/kg



Urban Soil Chemistry Nickel - Slice A

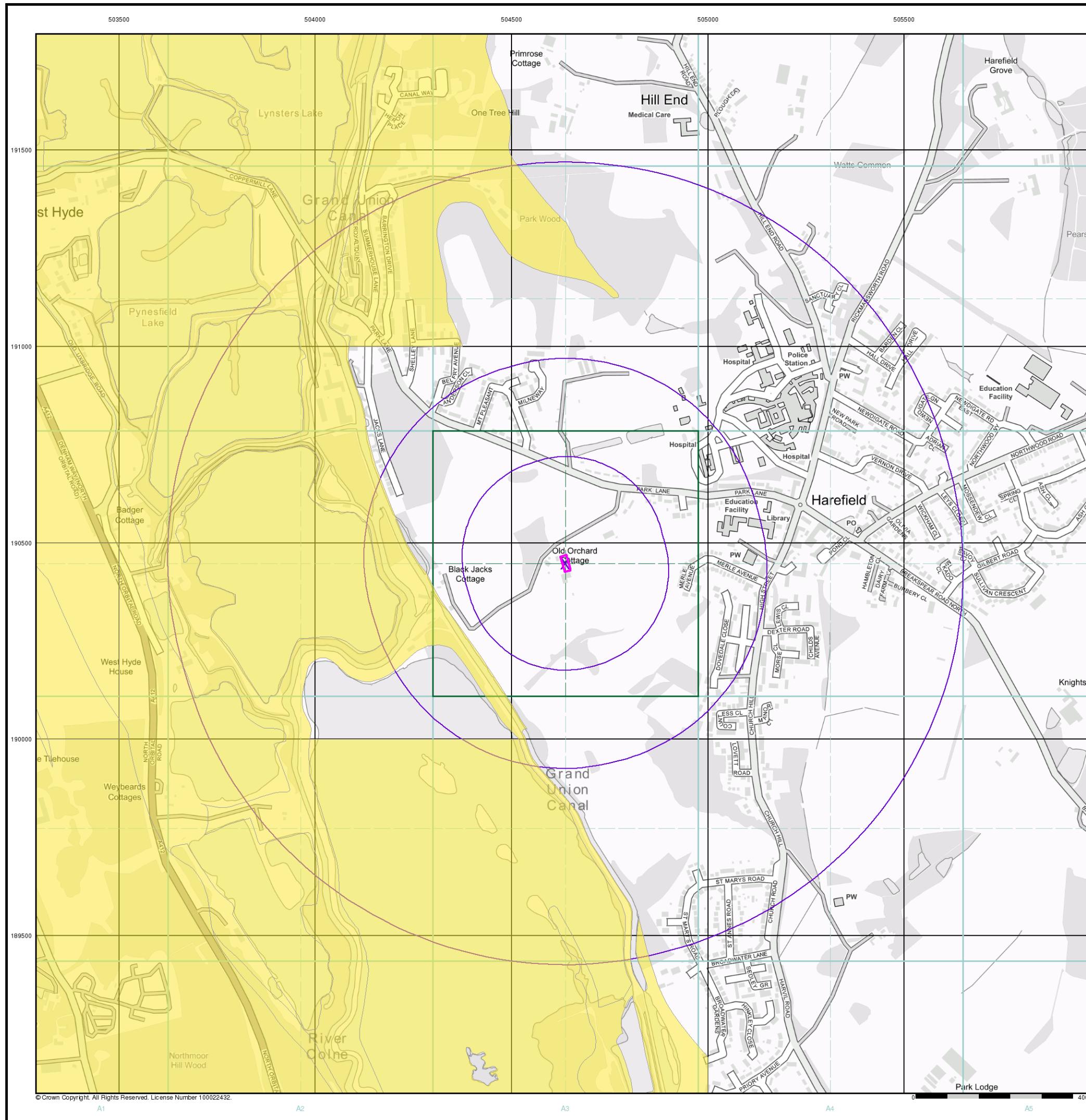


Order Details

Order Details: 289962449_1_1
 Customer Ref: J15005_VF
 National Grid Reference: 504640, 190450
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 Site Area (Ha): 0.07
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Site Details

Old Orchard Lodge, Park Lane, Harefield, UXBIDGE, UB9 6HJ



General

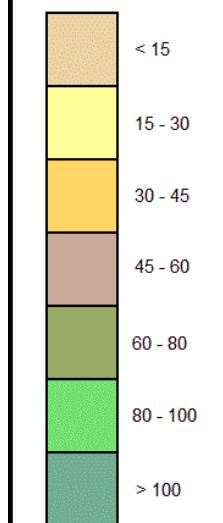
Specified Site

 Specified Buffer(s)

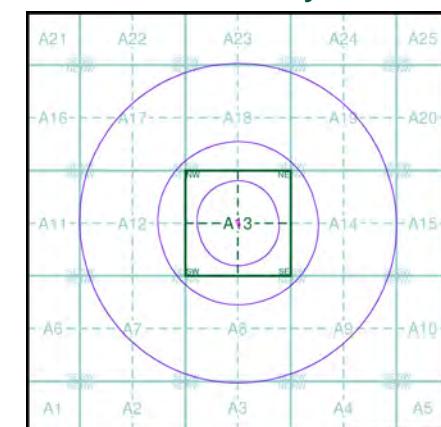
Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 289962449_1_1
Customer Ref: J15005_VF
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Slice: A
Site Area (Ha): 0.07
Search buffer (m): 1000

Site Details

Site Details
Old Orchard Lodge, Park Lane, Harefield, UXBRIDGE, UB9 6HJ



Head Office
East Grinstead
Tel: 01342 333100
enquiries@southerntesting.co.uk

ST Consult Midlands
Northampton
Tel: 01604 500020
creaton@stconsult.co.uk

ST Consult Thames Valley
Hannington
Tel: 01635 800 950
hannington@stconsult.co.uk

ST Consult North West
Warrington
Tel: 01925 661 735
warrington@stconsult.co.uk

