8. Ground Conditions and Contamination

Introduction

8.1 This Chapter, which was prepared by Waterman, presents an assessment of the likely significant impacts of the Development with respect to ground conditions and contamination at the Site. It provides an overview of relevant legislation and policy, together with a description of the methodology used for the assessment. This is followed by a description of baseline conditions, the potential direct and indirect impacts of the Development. Where necessary, mitigation measures required to prevent, reduce or offset any adverse impacts are described.

Legislation and Planning Policy Context

Legislation

Environmental Protection Act: Part 2A 1990 and Contaminated Land (England) Regulations, 2006

8.2 UK legislation on contaminated land is principally contained in Part 2A of the Environmental Protection Act (EPA) 1990, which came into force in April 2000 through enaction of Section 57 of the Environment Act 1995. Part 2A is implemented by the Contaminated Land (England) Regulations 2006 which was brought into force on 4 August 2006. Statutory guidance issued by the Secretary of State is contained in Department for Environment, Food and Rural Affairs (DEFRA) Circular 01/2006, which provides an outline of the contaminated land regime and how it should be implemented.

8.3 The Part 2A regime supports a systematic approach to the identification and remediation of land affected by historical contamination. The legislation endorses the principle of a 'suitable for use' approach to contaminated land, using a risk assessment methodology to assess the need for remedial action. Such action is only required if unacceptable risks to human health or the environment are demonstrated, taking into account the end use of the land and its environmental setting. Within the legislation, contaminated land is defined as:

"*...any land which appears to the local authority in whose area it is situated to be in such a condition, by reason of substances in, on or under the land, that:*

(i) significant harm is being caused or there is a significant possibility of such harm being caused; or

(ii) pollution of controlled waters is being, or is likely to be, caused."

8.4 For actual harm to occur, a significant pollutant linkage must be demonstrated using a site-specific source-pathway-receptor conceptual model. The presence of all three elements must be established to accord with the definition of contaminated land. The elements of the conceptual model are as follows:

(i) source – the key pollutant hazards associated with the site;

(ii) receptor – the key targets at risk from the hazards identified e.g. people, environmental assets, surface or groundwater; and

(iii) pathway – the means by which the contaminant can reach and impact the receptor.

Water Resources Act 1991 (Amendment) (England and Wales), 2009

8.5 The Water Resources Act 2009 protects the quality of groundwater and surface water, collectively defined as 'controlled waters'.

8.6 The Act is of specific relevance to soil contamination in those cases where the nature, extent and mobility of contamination present a risk of pollution of controlled waters. In such cases, the landowner is committing an offence if the pollution of controlled waters is not prevented once the Site has been identified as being a source of contamination.

8.7 Under Section 161 of the Water Resources Act, the Environment Agency can serve a Works Order on a person or persons who cause or knowingly permit pollution of controlled waters.

The Environmental Protection (Duty of Care) Regulations, 1991 (as amended)

8.8 The Environmental Protection Regulations, 1991 relate to the requirements on waste producers to prevent the escape of waste, environmental pollution or harm to human health during the transfer, treatment or disposal of waste.

National Planning Policy

8.9 Planning Policy Statement 23: '*Planning and Pollution Control*' 2004 (PPS23) is designed to protect the environment from potential harm caused by development and operations. Consequently opportunities should be taken wherever possible, to assist and encourage the remediation of contaminated land that will be redeveloped.

Local Planning Policy

8.10 The adopted '*Cherwell Local Plan*', 1996 contains policies relating to contaminated land and water quality. Policy EN12 '*Contaminated Land*' stipulates that where land is known, or is suspected to be contaminated, adequate measures should be taken to remove the risk of contamination to future site users. Development would only be permitted where it is not likely to result in the contamination of surface or underground water resources. This is supported by Policy EN7 '*Water Quality*' which states that developments which would adversely affect the quality of surface waters and groundwater would not be permitted. Both these policies are reiterated in the '*Non Statutory Cherwell Local Plan 2011*'.

8.11 In addition, the '*Non Statutory Cherwell Local Plan 2011*' contains policies specific to developing the Site. Policy UH2 (iii) stipulates proposals for the onsite treatment of contaminated liquids and materials including soil where that would accord with the good environmental practice and have no detrimental environmental impacts arising.

Assessment Methodology and Significance Criteria

Establishing the Baseline Conditions

8.12 The baseline conditions of the Site, in respect of the potential for contamination, were established through a desk-based study, which included a review of the following information sources:

- Landmark Information, EnviroCheck Report dated July 2010;
- Enviros Consulting Ltd (2009) '*Supplementary Information to the Environmental Statement, Heyford Park*';
- Roger Evans Ltd (September 2007) '*Heyford Park Environment Statement*';

- Aspinwall & Company Limited (June 1997) '*RAF Upper Heyford Land Quality Assessment, Phase Two: Intrusive Survey Factual Report*'; and
- DLS South (1995) '*Explosives Ordnance Disposal of RAF Upper Heyford*';

8.13 A desk-based qualitative risk assessment for the Site and Flying Field area was undertaken by Arup and reported in the 2007 Environmental Statement. Supplementary information relating to Environmental Statement was prepared by Enviros Consulting in 2009. These documents present a site-specific conceptual model to establish significant potential pollutant linkages. Although the Site boundary has changed since the time of writing these documents, the sources of information consulted in undertaking the assessment and determining the significance criteria remain relevant where they relate to the current Site.

Method of Assessment

8.14 The assessment of ground contamination was undertaken in general accordance with current UK guidance on the assessment of contaminated land, including DEFRA Contaminated Land Reports (CLR) 11 '*Model Procedures for the Management of Contaminated Land*' (DEFRA & Environment Agency, 2004).

8.15 Current guidance on the assessment of contamination risk advocates the use of a conceptual risk assessment model to establish the links between a contamination source and a sensitive receptor via an exposure pathway. In order to evaluate the potential environmental and health risks associated with any potential contamination, sensitive receptors and potential pathways relevant to the Site and the Development were identified through the baseline research. This was followed by an appraisal of the means (i.e. the pathways) by which sources might affect receptors.

8.16 Since the time of the Roger Evans (2007) report, the Environment Agency and DEFRA announced the withdrawal of the Contaminated Land Reports CLR7 – 10, CLEA UK (beta). Consequently Soil Guideline Values (SGV) and Soil Assessment Criteria (Generic Assessment Criteria (GAC) and Site Assessment Criteria (SAC)) have altered. As such the screening values used within the Evans (2007) report to assess the chemical results of soil samples (collected from the Site as reported in Aspinwall (1997)) have changed since its production.

8.17 New risk assessment tools (CLEA model version v1.04, v1.05 and currently v1.06) have been published which allow environmental practitioners to derive generic and site specific GAC and SAC. For the purposes of the assessment reported in this Chapter, the results obtained from the Aspinwall (1997) report were reassessed using the updated SAC. The following hierarchy for the generic assessment of soils was also used to evaluate the risk to human health:

- published Soil Guideline Values (SGV's), or in their absence;
- GAC prepared in accordance with the CLEA v1.04 / v1.06 model by authoritative bodies (e.g. Chartered Institute of Environmental Health (CIEH), Land Quality Management (LQM) and Contaminated Land Applications in Real Environments (CL:AIRE), or in their absence; and
- Waterman in-house GAC prepared in accordance with the CLEA V1.04 model or associated documents.

Significance Criteria

8.18 There is no specific methodology or guidance for the assessment of impacts on ground conditions and contamination for the purposes of EIA. Significance criteria were therefore developed based on professional judgement and relevant experience. The criteria are based on the potential magnitude and duration of the impact, the sensitivity of the receiving receptor and the likelihood of the impact occurring. An explanation of the significance criteria used in this Chapter is provided in **Table 8.1**.

Table 8.1: Significance Criteria for Ground Conditions and Contamination Assessment

Significance Criteria	Description
Adverse Impact of Substantial Significance	Acute or severe chronic impacts on human health and/or animal/ plant populations predicted. Impact on a potable groundwater or surface water resource of regional importance e.g. Principal Aquifer, public water reservoir or inner protection zone of a public supply borehole.
Adverse Impact of Moderate Significance	Proven (or likely significant) pollutant linkages with human health and/or animal/plant populations, with harm from long-term exposure. Impact on a potable groundwater or surface water resource at a local level e.g. impact on an outer groundwater source protection zone. Temporary alteration to the regional hydrological or hydrogeological regime or permanent alteration to the local regime.
Adverse Impact of Minor Significance	Potential pollutant linkages with human health and / or animal / plant populations identified. Reversible, localised reduction in the quality of groundwater or surface water resources used for commercial or industrial abstractions, Secondary Aquifer etc.
Insignificant	No appreciable impact on human, animal or plant health, groundwater or surface water resources.
Beneficial Impact of Minor Significance	Risks to human, animal or plant health are reduced to acceptable levels. Local scale improvement to the quality of groundwater or surface water resources used for commercial or industrial abstraction.
Beneficial Impact of Moderate Significance	Significant local improvement to the quality of potable groundwater or surface water resources. Significant improvement to the quality of groundwater or surface water resources used for public water supply.
Beneficial Impact of Substantial Significance	Major reduction in risks to human, animal or plant health. Significant regional scale improvement to the quality of potable groundwater or surface water resources.

Assumptions and Limitations

8.19 In the absence of detailed construction methodologies it was assumed for the purposes of the assessment that surplus soil arising would be reused on the Site, where possible.

8.20 It was assumed that all recommended mitigation measures including the undertaking of a Ground Investigation and remediation work (if required) would be completed to a suitable standard and to the satisfaction of the responsible Statutory Authority, for the purposes of the assessment of residual impacts.

Baseline Conditions

Current Site Conditions

8.21 The Site to the north of Camp Road is largely occupied by offices, warehouses, access roads, and areas of hard-standing and landscaping. The area south of Camp Road is occupied by the residential area of the former Airbase.

8.22 Many of the warehouses and buildings to the north of Camp Road are leased out for various purposes including a storage and maintenance depot for new cars. The car storage company currently have an active fuel storage facility, which was previously part of the fuel handling and storage system of the Airbase, although this is not connected to the ring main fuel supply pipeline. They also occupy a number of other buildings for use as workshops and also operate a carwash facility.

8.23 Although some occupied semi-detached housing is present to the north of Camp Road, the majority of housing, which range from dormitories to semi-detached units, is located to the south of Camp Road. The majority of housing across the Site remains in occupation but the former barracks dormitories are unoccupied.

8.24 The former Airbase fuel pumps are also present to the south of Camp road, whilst two former vehicle filling points are present on the Site to the north of Camp Road. The fuel pumps and vehicle filling points are no longer in use.

8.25 A number of other above and below ground fuel storage facilities are known to be present on-Site including, but not limited to, two separate clusters of tanks associated with the on-Site district heating system and a network of tanks associated with the incinerator of the former hospital on-Site. Above and below ground heating fuel tanks are also associated with the housing.

8.26 The small land parcel to the east of the main part of the Site is undeveloped, although a petrol interceptor is known to be present. A small stream flows north to south through this part of the Site.

Surrounding Land Uses

8.27 Land to the north of the Site is occupied by the Flying Field area of the former Airbase. The Flying Field area comprises the runway and associated taxi ways, hardened aircraft shelters, fuel storage tanks, maintenance areas, offices, warehouses and undeveloped grassed areas. Some of buildings present on the Flying Field are leased out for a range of purposes. The Flying Field also contains a Petrol Oil Lubrication (POL) storage and delivery system. The POL system consists of approximately 13km of buried pipeline connected to numerous above and below ground tanks with ancillary infrastructure such as maintenance, valve and pump chambers located across the Flying Field.

8.28 Land to the south and east of the Site is in agricultural use, whereas land to the west of the Site comprises the former playing fields and sports facilities of the Airbase. Land to the south of Camp Road immediately east of the main part of the Site is occupied by a Mobile Home Park. A sewage treatment plant is located approximately 100m south-east of the Site.

Historical Land Uses

8.29 Historical maps are presented in the EnviroCheck Report (2010) provided in **Appendix 8.1**. A brief summary of the historical uses of the Site is set out below.

8.30 The 1884 Ordnance Survey (OS) map shows the Site to be largely undeveloped, and presumably in agricultural use. A tower and pumps were situated adjacent to south western corner of the Grouse Covert area. The OS map also shows that Camp Road was in place at this time. A field barn is also shown to be present adjacent to the southern boundary of the Site. A farm referred to as 'North Leys Farm' was present adjacent to the north western corner of the Site, whilst a farm referred to as 'Leys Farm' was present close to the eastern boundary. Remaining land surrounding the Site at this time was in agricultural use. A quarry was located approximately 130m east of the small area of land that is included as part of the Site.

8.31 The 1900 OS map shows that no significant changes had taken place across the Site since the 1884 map was published. A quarry, the bulk of which is shown as being present to the west, encroaches across the south-western tip of the Site.

8.32 The 1923 OS map again shows no significant changes had occurred in the intervening period. The Airbase is not marked on the 1923 map. However, it is known that construction of the Airbase began in 1916 when it was occupied by the Canadian Air Force prior to its closure in 1920. The Airbase reopened in 1927 and in 1951 control of the Airbase was passed to the United States Air force (USAF).

8.33 The 1955 OS map shows that no significant changes had taken place. The quarry previously identified on the western part of the Site appears to have been back-filled. No signs of the Airbase are marked on the map.

8.34 The 1966 OS map shows significant changes had taken place across the Site with the construction of warehouses and residential buildings. By this time, the Site generally resembled the current layout, particularly to the north of Camp Road. The runway and taxiing infrastructure is shown to the north of the Site, although similar infrastructure is also shown to the west of the Site. A sewage works is shown approximately 100m to the south-east of the Site in the location of the current facility.

8.35 OS maps of 1979 to 1982 show that continued development had taken place across the Site with the construction of a significant number of houses as well as shops, a hospital, a recreational park, car parks, a school and additional warehouses and building associated with the Flying Field. Development associated with the Airbase had also taken place adjacent to the west of the Site in the area previously occupied by the taxiing infrastructure. The quarry previously shown to the west of the Site appears to have been in filled by this time. Continued development of the land to the north of the Site had also taken place in the intervening period. The sewage works to the south-east of the Site had been extended by this time. A Mobile Home Park associated with the former grounds of Leys Farm had been developed immediately to the east of the main part of the Site.

8.36 The 1993 OS map showed that no significant changes had taken place since the 1982 map was published. In 1994 the Airbase closed and is now under the control of the applicant. The 2006 and 2010 OS maps show that no significant changes had occurred on the Site or surrounding areas since its closure.

Geology

8.37 The British Geological Survey (BGS) map (Sheet 218, scale 1:50,000) shows that the solid geology underlying the Site comprises the Great Oolite Limestone, which is part of the Jurassic Great Oolite Series and consists of limestones, marl, sandstones, siltstones and mudstones. The maximum thickness of the Great Oolite Limestone is expected to be approximately 25m. The BGS map shows the Great Oolite Limestone to be underlain by the Inferior Oolite Series, which comprises the Lower Estuarine Series consisting of sandstone, and thin mudstone and the underlying Northampton Sand which consists of the sandy, shelly limestones and sandstones. The Inferior Oolite Series is underlain by the Lias Series comprising mudstones, siltstones and thin limestones.

Hydrogeology

8.38 The Great Oolite Limestone is classified by the Environment Agency as a Principal Aquifer and is subject to extensive abstraction for local water supply. Limestone has a low primary permeability such that little groundwater movement takes place through the rock matrix itself. However significant movement of groundwater can take place through secondary features such as joints, fissures and bedding planes, especially where these have been enlarged by the solution process. In such instances the movement of groundwater can be rapid with little filtration. The Great Oolite Limestone also comprises bands of mudstone, which could act as effective low permeability strata giving rise to a layered aquifer system. Connectivity between the groundwater layers would depend on the thickness, lateral continuity and permeability of any intervening low permeability strata. This conceptual layered aquifer system, if present, could rapidly move contaminants in a lateral direction especially following periods of heavy rain when flushing could occur.

8.39 Although there are no boreholes on the Site from the seven boreholes that have been advanced on the Flying Field area there is evidence to suggest that a layered aquifer system does exist, although given the limited coverage provided by seven boreholes it is unknown whether the layered system is extensive across the Site itself.

Hydrology

8.40 Groundwater from the Site is discharged at a number of springs located at or close to the southern and eastern boundary of the Site and to the west of the Site. Some of these coincide with oil water separators leading to storm water outfall points. On-Site surface water drainage is discharged via the drainage system into a number of drainage ditches/watercourses along the southern and eastern boundaries of the Site.

8.41 Springs to the west of the Site drain to the River Cherwell which itself lies approximately 1km to the west of the Site, whilst springs located to the south of the Site flow to the River Ray, which in turn drains to the River Cherwell further downstream. The Oxford Canal is also present approximately 1km west of the Site and broadly runs parallel to the River Cherwell.

8.42 An unnamed tributary of Gallos Brook flows through the small parcel of land to the east of the main part of the Site. Gallos Brook flows to the south of the Site into the River ray, which in turn flows into the River Cherwell.

Previous Investigations

8.43 A previous Ground Investigation pertaining to the Site and Flying Field was undertaken in 1997, by others, and is reported by Aspinwall (1997). As part of the Ground Investigation 44No. trial pits were excavated on the Site across the existing commercial and disused areas of the Site to a maximum depth of 2.7m below ground surface.

8.44 A review of the relevant trial pit logs indicated that the underlying drift consisted of a clayey, sandy, silty deposit with varying quantities of limestone gravels and cobbles. Made ground encountered on the Site predominantly consisted of reworked natural material with various quantities of clinker and ash; and in some cases glass metal, wood and burnt timber. Buried horizons of concrete and tarmac were also encountered on the Site. Visual and olfactory evidence of hydrocarbon contamination was present in one trial pit, which was located approximately 200m north Camp Road, in an area currently in commercial use.

8.45 A number of soil samples were submitted for chemical analysis as part of the investigation. The results of the analysis were compared with SAC to investigate their significance in terms of the current commercial use of that part of the Site. The updated assessment criteria are present in **Table 8.2**. This includes tabulated ranges of concentrations detected in samples subject to testing, values of the GACs for a commercial land use, for the corresponding compounds analysed as part of the investigation as reported in Aspinwall (1997), together with the reference sources.

Table 8.2: Updated GACs for Corresponding Compounds as Reported in Aspinwall (1997)

Compound	Unit	Range of concentrations	Screening Value Commercial	Source
Arsenic	mg/kg	<1 – 72	640	CLEA SGV 2009
Boron (Water soluble)	mg/kg	<1 – 4	19200	LQM / CIEH
Cadmium	mg/kg	<1 – 2	230	CLEA SGV 2009
Chromium	mg/kg	4 – 60	30400	LQM / CIEH
Copper	mg/kg	2 – 65	71700	LQM / CIEH
Mercury	mg/kg	<1	26	CLEA SGV 2009
Nickel	mg/kg	2 – 46	1800	CLEA SGV 2009
Lead	mg/kg	<1 – 767	750	CLEA SGV 2002 (Withdrawn in 2008)
Selenium	mg/kg	<1 – 2	13000	CLEA SGV 2009
Zinc	mg/kg	9 – 271	665000	LQM / CIEH

8.46 Comparison of the results of the analysis of soil samples collected as part of the previous Ground Investigation in 1997 with the updated screening assessment in **Table 8.2,** showed one exceedance for lead in a soil sample collected from a trial pit advanced to the north of Camp Road, close to the northern boundary of the Site.

8.47 As part of the 1997 Ground Investigation, samples were also submitted for a range of organic analysis including Dichlorin Methanol, Solvent Extractable Matter, Mineral Oil, Total Non Volatile Aromatics, Non Specific Organics/Resins, Diesel Range Organics, Total Solvent Extract and Total Volatiles. These methodologies are predominately generic types of organic analysis and include the combined concentrations of many different organic compounds. More recent risk characterisation has been undertaken to define the hazardous associated with individual Poly-aromatic Hydrocarbons and Total Petroleum Hydrocarbon fractions. Consequently, the results of the previously completed analysis cannot be compared to the current GACs.

8.48 Ongoing groundwater sampling has been taking place from a number of off Site boreholes since 1997. All but one of the boreholes are located to the north of the Site on the Flying Field area. Borehole BH6 is located approximately 50m to the west of the Site. The results of the groundwater quality analysis of samples collected from these boreholes indicated that since December 1997 diesel range organic contamination was present in many of the boreholes. However, since December 2001 Diesel Range Organic contamination has been primarily associated with groundwater collected from BH7. Boreholes BH9, BH10 and BH11 were subsequently drilled to delineate the hydrocarbons identified within BH7 and have also identified Diesel Range Organic contamination. The area covered by these boreholes is located approximately 800m to the north of the Site.

8.49 Ongoing surface water sampling has been taking place from springs adjacent to the Site boundary and to the north of the Site. The result of the analysis of the surface water samples indicates that the springs adjacent to the Site are not significantly impacted.

Potential Sources of Contamination

8.50 A number of potential on and off Site current and historic sources of contamination have been identified. Current and historical sources of contamination include, but are not necessarily limited to the following:

- the storage of fuel in both above ground and underground storage tanks by the car storage company and other companies storing fuel as part of their operations, for example, as heating fuel, emergency power generation and for powering oil fired equipment. Contamination can arise from the storage and handling of fuel as result of leaks in tanks and/or ancillary pipe work, spillage during tank refuelling or equipment maintenance, and poor housekeeping practices;
- the storage of heating fuel oil for domestic purposes. It is known that some housing on the Site was previously connected to a heating oil delivery system, which included day tanks at each supplied property. Contamination could arise as a result of this activity due to leaks in tanks and ancillary pipe work, spillage during tank refilling and/or during boiler maintenance;
- three separate clusters of large underground storage tanks are present on the Site to the south of Camp Road; one is associated with the hospital incinerator and the other two being associated with the on-Site district heating system. Contamination could arise from this activity due to leaks from tanks and ancillary pipe work, accidental spillages during refilling and/or maintenance and poor housekeeping practices;
- fuel pumps and refuelling points. Contamination could have arisen due to the possibility of leaks from tanks and ancillary pipe work, accidental spillages during refilling and/or during maintenance and poor housekeeping practices;
- numerous electrical substations are present on the Site, which contain transformers and various quantities of mineral oil, some of which could contain Polychlorinated Biphenyls (PCBs). Contamination can arise as a result of leakage from the substations during servicing or as a result of vandalism. Two substation transformers are known to have leaked as a result of vandalism causing transformer oil to be discharged to ground surface in the immediate vicinity, and subsequently treated in conjunction with the Environment Agency;
- the presence of workshops and maintenance facilities associated with the commercial activities on Site, particularly to the north of Camp Road, for example those operated by Paragon with respect to the maintenance of vehicles. Contamination can arise as a result of these activities due to spillage and leaks of maintenance and lubricating oils, chemicals and poor housekeeping practices;

- runoff of washing water and/or rainwater from contaminated surfaces and/or activities, for example, from the car storage company's carwash or rainwater runoff from maintenance areas;
- the presence of made ground across the Site containing varying quantities of foreign material including concrete, brick, glass wire and timber. The results of chemical analysis carried out on samples collected from trial pits excavated during the Ground Investigation carried out by Aspinwall in 1997, indicated that at two locations arsenic concentrations exceeded the Waterman GAC, whilst at one location lead concentrations exceeded the Waterman GAC. Olfactory and visual evidence of hydrocarbon contamination was also encountered in one trial pit. Buried organic matter could also have the capability to generate ground gas including carbon dioxide, methane and hydrogen sulphide;
- the presence to the north of the Site of the POL storage and delivery system associated with the Airbase. Several leaks are known to have occurred from the POL system during its lifetime. In particular, POL 21 located close to the western boundary of the Site, which was the former fuel entry compound from the National Fuel Pipe Line. POL 21 is known to have leaked in 1990. POL19 and POL 23 also known to have leaked historically. It is possible that contamination from the POL has migrated on to the Site;
- the fuel entry pipe leading from the National Fuel Pipe Line passes close to the west of the Site boundary. Any leaks from this pipe or spillages as a result of maintenance could have caused contamination in this area;
- a number of in filled locations are also known to be present on the Site, including backfilled quarries and backfilled interceptor chambers. The consistency of the material used as backfill is unknown. Buried organic material has the potential to generate substantial amounts of landfill gases including carbon dioxide, methane and hydrogen sulphide. Decaying organic matter and or buried contaminated material also has the potential to leach contaminants to groundwater and surface water bodies; and
- asbestos is known to be present in the fabric of buildings on the Site and could also be associated with buried pipes and tanks. Given the unknown consistency of made ground on the Site, including materials used to backfill quarries, asbestos could also be present in made ground.

8.51 According to the Landmark Envirocheck Report (**Appendix 8.1**) there are no recorded landfill sites, registered waste treatment/transfer sites or Contaminated Land Register Entries and Notices within 1km of the Site.

Potential Receptors

8.52 Relevant potential receptors, that could be affected by contamination, identified for the Site as required by Part 2A of the Environmental Protection Act 1990, are set out below:

- human health (future users of the Site including visitors, construction and maintenance workers, residents and off Site land users including residential occupants);
- controlled waters including underlying groundwater, tributaries springs that drain the Site, including Gallos Brook, the River Cherwell, and The Oxford Canal; and
- property (building structures including foundations and buried services).

8.53 Although flora is not defined as a receptor under Part 2A of the Environmental Protection Act 1990, flora is identified as a potential receptor for this Site as the Development would include large areas of green infrastructure and tree planting.

Potential Pathways

8.54 Potential pathways, which could exist on-Site, or could be established during and/or once the proposed Development is completed, are as follows:

- potential pathways relating to human health impacts include: ingestion of home grown produce (in private garden areas); ingestion of, or dermal contact with contaminated soils, dust, surface water and groundwater; and inhalation of dust, indoor gases and vapours;
- potential pathways via which contamination could cause pollution of controlled waters include downward and lateral migration through soils and shallow rock head into groundwater, downward and lateral migration along foundation paths/service trenches, surface runoff, flowing through leaking and damaged drains, flow via smaller tributaries and direct spills and soakaways; and
- potential pathways relating building structures include: direct contact with contaminated soils and groundwater; and ingress of ground gases in confined spaces.

Impact Assessment

8.55 The elements of the Development that could potentially mobilise contamination sources and affect sensitive receptors are described in this section. For an impact to occur there needs to be a pathway (i.e. direct contact, ingestion, inhalation, and migration through soils) from the source of the contamination to the identified receptors. The key elements of the Development that would result in disturbance of the ground and the consequent impacts are described in the following paragraphs.

Demolition and Construction Phase

Risk to Human Health from Ground Contamination

8.56 Earthworks and excavations necessary for the installation of services, building foundations and the planned surface water attenuation tanks of the Development could disturb and expose localised areas of made ground and perched or shallow groundwater. Given the previous Site history, some material excavated may be classified as hazardous waste. Under the new Environmental Permitting (England and Wales) Regulations 2007, both hazardous and non-hazardous waste would require pre-treatment either on-Site or off Site, if disposed at a licensed landfill site, and prior consent from the Environment Agency would be required.

8.57 The potential for contaminant exposure is therefore considered greatest for construction workers, who could be exposed to any contaminated soils and perched or shallow groundwater through dermal contact, ingestion and inhalation of fugitive dusts. Construction workers could also be exposed to ground gases through the inhalation of gases and vapours, if required to work in confined spaces such as trenches. Hydrocarbon contaminated soil could be present on the Site in the vicinity of fuel tanks or fuel delivery pipelines.

8.58 Construction workers would be the subject to mandatory health and safety requirements under the Construction (Design and Management) Regulations 2007 and the Control of Substances Hazardous to Health (COSHH) Regulations (2002). Construction workers and Site visitors would therefore be required to use appropriate personal protective equipment, thereby minimising the risk of dermal contact, ingestion and inhalation of contaminated soils, dust, groundwater or contaminated surface water run-off.

8.59 In areas of earthworks and stockpiled material, dust could be generated during dry and windy conditions. Under these conditions, the general public using footpaths around the Site, together with local residents living on the Site could be exposed to contaminated dust.

8.60 Demolition of buildings without removing asbestos and/or asbestos containing material could result in the release of asbestos fibre to the surrounding environment. Construction workers therefore could be exposed to asbestos fibres by inhalation.

8.61 Adherence to the legislative requirements described above would significantly reduce the potential health risk posed to construction workers and the public from ground contamination. However, since there is the potential for construction workers and the general public, including Site occupants, to be exposed to ground gases and contaminated dust respectively, the impact is considered to be **temporary**, **adverse** and of **moderate significance**.

Contamination of Controlled Waters

8.62 The Great Oolite Limestone is classified by the Environment Agency as a Principal Aquifer and is subject to extensive abstraction for local water supply. Pollution of the underlying groundwater and deterioration of the quality of springs draining the Site and the subsequent potential impact on the River Cherwell and Oxford Canal could occur though the following activities:

- introduction of potential new sources of contamination to the Site such as fuel, oils, chemicals, cement. Accidental spillages or uncontrolled releases (e.g. drips, leaks and spills) could occur during construction activities;
- creation of new migration pathways such as underground service routes or via building foundations or during the excavating for the attenuation tanks into the limestone, which could introduce potential contaminants to greater depths;
- re-levelling and infilling areas, and
- disturbance of sub-surface soils (e.g. made ground) could remobilise or release any contamination currently present in a stable or contained form in the soil or groundwater.

8.63 Where construction works are carried out close to drains that discharge to springs and the stream in the eastern part of the Site, there is the potential for contaminants to enter the surface watercourses through direct spills and contaminated runoff.

8.64 Migration of any soluble mobile contaminants, for example from any contamination that has entered the Site from the POL system could be remobilised as a result of ground disturbance. Owing to the Site's shallow rock head and the fissured nature of Great Oolite, this could result in contamination travelling quickly and easily to underlying groundwater and also travelling a significant distance from the Site.

8.65 The Oxford Canal is likely to be lined such that groundwater is unlikely to be in direct hydraulic continuity with the canal. The lining would also inhibit the migration of contaminants into the canal through lateral pathways. Contamination of the canal via contaminated runoff or the spillage/leakage of a contaminative liquid entering the canal directly is considered unlikely because the canal is located approximately 1km to the west of the Site.

8.66 Water ingress into excavated areas such as trenches would be likely to occur and therefore dewatering would be required. If dewatering is not managed appropriately, the resulting runoff could, if carried out in proximity to the on-Site surface water drains, springs that drain the Site or the stream, cause the deterioration in surface water quality.

8.67 The greatest risk of contamination to controlled waters is likely to arise from new sources of contamination being introduced to the Site, together with the mobilisation of subsurface

contamination currently on the Site. In the absence of appropriate mitigation, there could be a **temporary** and **local adverse impact** of **minor significance** in relation to the quality of controlled waters. However, the adverse impact would be reduced or avoided through the adoption of appropriate mitigation measures.

Completed Development

Impact on Human Health from Ground Contamination

8.68 There is the potential for exposure of future occupants and Site visitors to localised ground contamination within the near surface soils, surface water and shallow groundwater through ingestion, inhalation and dermal contact pathways. Any exposure would likely be limited to areas of soft landscaping and garden areas. The results of chemical analysis from the previous Ground Investigation carried out at the Site in 1997 indicated that arsenic and lead concentrations exceeded the respective residential and commercial screening criteria in soil samples from areas intended to be developed for residential and commercial use respectively. Visual and olfactory evidence of hydrocarbon contaminant was also encountered in one trial pit located in an area intended to be developed as open space. Moreover many potential sources of contamination are known to have been and are present on or close to the Site with the potential to cause significant ground contamination.

8.69 There is a potential for the generation of ground gas and vapours associated with made ground, infilled areas and/or contaminated soil. For this reason, there is the potential for ground gases to accumulate in poorly ventilated areas of buildings and rooms. However, it is anticipated that some of the made ground, that is a potential source of ground gas, would be removed during the construction works.

8.70 Without the adoption and implementation of appropriate mitigation measures future occupants and Site users could be exposed to contaminated soil in gardens and soft landscaped areas. There is also the potential for ground gas to accumulate in poorly vented confined spaces, posing a risk to future occupants. In the absence of appropriate mitigation future occupants and Site users could come into contact with ground contamination which would represent a likely **long-term adverse impact** of **moderate significance.**

Contamination of Controlled Waters

8.71 The Development does not include land uses that are likely to result in significant contamination of soil, underlying groundwater and surface waters. However, fuel and oil leakages cannot be discounted in car parks or from any of the intended future commercial activities on the Site.

8.72 Contamination is known to be present on the Site, along with many current and previous potential sources of contamination. Runoff attenuation features which are proposed principally in the south-western part of the Site, together with building foundations, could act as a pathway for contamination to reach the groundwater. A number of springs are also present adjacent to the Site boundaries. Therefore without the adoption of adequate mitigation measures, the likely impact of the Development on controlled waters would be **long-term, adverse** and of **moderate significance**.

Chemical Degradation of Underground Structures and Services

8.73 Buried concrete structures can be susceptible to chemical attack from ground contaminants, particularly sulphates. If present at significant concentrations, the structural integrity of below ground building structures could be compromised. In addition, if significant phenol, hydrocarbon,

acids and metals contamination are present in the Site soils, there is the potential for contaminants to corrode and permeate plastic water mains and adversely affect drinking water. Without appropriate mitigation measures, the likely impact of contamination on underground building structures and services would be **long-term**, **adverse** and of **minor significance**.

Impact on Flora

8.74 The Development includes large areas of soft landscaping. Therefore there is the potential for flora to come into direct contact with localised areas of contamination. Without appropriate mitigation measures, plant uptake of phytotoxic compounds present in the soil could affect plant growth and for this reason, the likely impact of ground contamination on flora is assessed as **long-term, adverse** and of **minor significance**.

Mitigation Measures and Residual Impacts

Demolition and Construction Phase

Risk to Human Health from Ground Contamination

8.75 This assessment has shown that there is the potential for parts of the Site to have localised contamination. Whilst parts of the Site were subject to a preliminary Ground Investigation in 1997 (Aspinwall 1997), a supplementary Ground Investigation should be carried out to fully ascertain the location, nature and levels of ground contamination across the Site. Following this, a detailed Quantitative Environmental Risk Assessment should be undertaken in accordance with CLR11. Should any unacceptable environmental risks be identified, a Remediation Strategy should be developed and agreed with the statutory authorities and implemented prior to works commencing on the Site. This should ensure that the Site is suitable for use. A validation report should be produced to document the completed works and to update the final environmental conceptual model.

8.76 To lower the risk of the inhalation of potentially contaminated dusts by on and off Site users, including the public, a dust suppression regime of damping down exposed soils and wheel washing facilities for vehicles leaving the Site should be adopted. Areas of the Site should be secured from the public, where possible and stockpiled materials should be covered to reduce airborne dust.

8.77 Adequate ventilation should be maintained in confined spaces, such as trenches, to reduce the likelihood of ground gas accumulating. Entering confined spaces should be minimised and only undertaken by suitably trained and equipped workers. Excavations should also be monitored for ground gas and vapours during works, if they are to be entered.

8.78 The development and implementation of an agreed Remediation Strategy, if necessary, would reduce any ground contamination and its associated risk to workers to acceptable levels. The adoption of a dust suppression regime would also lower the potential for public exposure to contaminated dusts. With the adoption of the measures described above, the likely residual impact would be **beneficial** and of **minor significance**.

Contamination of Controlled Waters

8.79 A supplementary Ground Investigation should be carried out to ascertain the nature and levels of ground contamination. This should include groundwater testing to ascertain groundwater flows and levels, together with the quality of the groundwater and surface watercourses on the Site. If the findings of the investigation identify any unacceptable risks, a Remediation Strategy, should be developed, agreed with the statutory authorities and implemented. The removal of the sources of

contamination, where necessary, would significantly reduce the risk of pollution to any controlled water.

8.80 A Construction Environmental Management Plan (CEMP) should be adopted during the construction phase and should include, but not be limited to, the following:

- procedures for the storage and management of materials, spillage and spill clean-up, use of best practice construction methods and monitoring;
- measures to avoid surface water ponding and the collection, testing (and treatment if necessary) and disposal of all Site runoff; and
- refuelling of vehicles in designated hard surfaced areas.

8.81 Water pumped from excavations should be tested and released, where appropriate, in accordance with environmental legislation and in agreement with the Environment Agency, Water Company or CDC.

8.82 To reduce the risk of potential groundwater contamination during any foundation works, an appropriate methodology should be selected and implemented in accordance with best practice guidelines produced by the Environment Agency. This should be developed at a detailed stage in the form of a Foundation Works Risk Assessment and in consultation with the Environment Agency.

8.83 Providing the above measures are developed and implemented, where necessary, the likely residual impact on controlled waters would be **insignificant**.

Completed Development

Impact on Human Health from Ground Contamination

8.84 As mentioned above, it is recommended that a supplementary Ground Investigation should be undertaken at the Site, and a Remediation Strategy developed and implemented if required. This would ensure that the Site is suitable for use and that there would be no unacceptable risk posed to future human receptors using the Site.

8.85 It is recommended that as part of the Ground Investigation, the ground gas regime on the Site is assessed. Gas protection measures should be implemented (if required) in accordance with guidance contained in '*Assessing Risks Posed by Hazardous Ground Gases to Buildings (revised) (C665)*' (Construction Industry Research and Information Association, 2007) and '*Guidance on Evaluation of Development Proposals on Sites where Methane and Carbon Dioxide are Present*' (National House-Building Council, 2007).

8.86 Providing remediation of the Site is carried out, where necessary, and that gas protection measures are incorporated into the design of the buildings if necessary, the likely residual impact with respect to future Site users would be **beneficial** and of **minor significance**.

Contamination of Controlled Waters

8.87 Areas of hard-standing should be designed to prevent uncontrolled discharges to drains and surface watercourses. Surface water drainage systems for the Site should be designed to incorporate suitable interceptors, filters and silt traps to avoid the discharge of any fuels or oils that have entered the system, into the underlying groundwaters and nearby watercourses. The interceptor system should be regularly maintained to ensure it remains functional. Providing these measures are carried out the likely residual impact on controlled waters would be **long-term beneficial** and of **minor significance**.

Chemical Degradation of Underground Structures and Services

8.88 Concrete foundations should be designed using the results of the Ground Investigation and in accordance with guidance provided in British Research Establishment (BRE) Special Digest 1 (BRE, 2005) to ensure that the appropriate grade of concrete is used.

8.89 In addition, the water supply pipework should be selected in accordance with '*The Selection of Materials for Water Supply Pipes to be Laid in Contaminated Land*' (Water Regulations Advisor Scheme, 2002) to ensure that the pipeworks are resistant to chemical attack. The pipe and service routes should be protected from any residual contamination in the soils through the use of clean backfill.

8.90 Providing the above is implemented and taken into account during the design stage, the likely residual impact on underground structures and services would be **insignificant**.

Impact on Flora

8.91 It is recommended that as part of a supplementary Ground Investigation, phytotoxic metals should be tested for in areas where soft landscaping and gardens are proposed. Should remediation of the Site be required, this process would remediate the soils and contaminant concentrations to acceptable levels. A suitable thickness of clean inert topsoil should be placed in areas where residual contamination coincides with areas of proposed soft landscaping to reduce the likelihood of plants coming into direct contact with contaminated soil and groundwater. Providing these measures are implemented, where necessary, the likely residual impact on flora would be **insignificant**.

Conclusions

8.92 Localised contamination has been identified within the soils underlying parts of the Site. Contamination has also been found in groundwater to the north of the Site. Owing to the historical and current activities on, and adjacent to the Site, there is the potential for further contamination to exist within the soils and underlying groundwater.

8.93 During demolition and construction operations, construction workers and Site occupants could be exposed to ground contamination. Pollution of the underlying groundwater and springs draining the Site could also occur as a result of new sources of contamination introduced to the Site, together with the mobilisation of existing contamination in the subsurface soils. However, mitigation measures should be implemented, where necessary, to reduce the environmental risks to Site users, surface water courses and underlying groundwater to an acceptable level.

8.94 The proposed Development does not include land uses that would be likely to result in significant contamination of soil, underlying groundwater and surface waters. However, future Site users could be exposed to historical contamination in soft landscaped areas and ground gases accumulating in buildings. Runoff attenuation features and building foundations could provide new contamination pathways, introducing contamination to the underlying groundwater. Prior to developing the Site, a Ground Investigation should be carried out to ascertain the nature and extent of contamination across the Site. Where necessary, the Site should be remediated so that ground contamination is reduced to an acceptable level.

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
31993967_1_1

Customer Reference:
10658

National Grid Reference:
451980, 226740

Slice:
D

Site Area (Ha):
76.28

Search Buffer (m):
1000

Site Details:

Site at
Upper Heyford Airfield
Oxfordshire

Client Details:

Mr F Alcock
Waterman Energy Environment & Design Ltd
Versailles Court
3 Paris Gardens
London
SE1 8ND

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Introduction

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

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

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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and the Health Protection Agency.

Report Version v47.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents					
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature					
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 1				(*5)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 2	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites	pg 4				1
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites	pg 5				2
BGS 1:625,000 Solid Geology	pg 5	Yes	n/a	n/a	n/a
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Natural and Mining Cavities					
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards				n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards				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
Shallow Mining Hazards				n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 6	1			1
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nearest Surface Water Feature None				
	Water Abstractions Operator: R Hill Esq Licence Number: 6/33/02/*g/095 Permit Version: Not Supplied Location: Borehole At Troy Farm, SOMERTON Authority: Environment Agency, Anglian Region Abstraction: Domestic & Agriculture Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 2 Yearly Rate (m3): 9090 Details: Great Oolite; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	D9SE (N)	1726	1	451900 227900
	Water Abstractions Operator: R & M Power Licence Number: 6/33/02/*G/0128 Permit Version: 100 Location: Borehole At Somerton Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	D9SE (N)	1727	1	451940 227895
	Water Abstractions Operator: R & M Power Licence Number: 6/33/02/*G/0128 Permit Version: 100 Location: Borehole At Somerton Authority: Environment Agency, Anglian Region Abstraction: Household Private Water Undertaking: 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: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	D9SE (N)	1728	1	451945 227895
	Water Abstractions Operator: R J And M R Power Licence Number: 6/33/02/*g/128 Permit Version: Not Supplied Location: Borehole, SOMERTON Authority: Environment Agency, Anglian Region Abstraction: Private Water Undertaking Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 1 Yearly Rate (m3): 15400 Details: Great Oolite; Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	D9SE (N)	1732	1	451940 227900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: L F Parker Licence Number: 6/33/02/*G/0092 Permit Version: 100 Location: Borehole At Ardley Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	D10SE (NE)	1853	1	452700 227800
	Groundwater Vulnerability Geological Classification: Major Aquifer (Highly permeable) - These are highly permeable formations usually with a known or probable presence of significant fracturing. They may be highly productive and able to support large abstractions for public water supply and other purposes Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 30 Northern Cotswolds Scale: 1:100,000	D2SW (S)	0	1	452041 226526
	Groundwater Vulnerability Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 30 Northern Cotswolds Scale: 1:100,000	D1NE (SE)	0	1	451983 226741
	Drift Deposits None				
	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				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Cherwell District Council - Has supplied landfill data		0	6	451983 226741
	Local Authority Landfill Coverage Name: Oxfordshire County Council - Has supplied landfill data		0	7	451983 226741

Hazardous Substances

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Explosive Sites** Name: Cosmic Fireworks Limited Location: Southern Bomb Site, RAF Upper Heyford, Cherwell, Oxfordshire, OX6 3HD **Status: Active** Positional Accuracy: Manually positioned to the address or location	D2SE (E)	840	2	452613 226556

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**BGS Recorded Mineral Sites** Site Name: North Leys Farm Location: Chilgrove Drive, Upper Heyford, Oxford, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 57205 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Great Oolite Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	D2SE (SE)	619	3	452393 226490
3	**BGS Recorded Mineral Sites** Site Name: North Leys Farm Location: Upper Heyford, Oxford, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 57204 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Great Oolite Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	D5SW (NW)	915	3	451373 227111
	BGS 1:625,000 Solid Geology Description: Great Oolite	D1NE (SE)	0	3	451983 226741
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Potential for Collapsible Ground Stability Hazards No Hazard				
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1NE (SE)	0	3	451983 226741
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1NE (SE)	0	3	451983 226741
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1NE (SE)	0	3	451983 226741
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1NE (SE)	0	3	451983 226741
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1NE (SE)	0	3	451983 226741
	Radon Potential - Radon Affected Areas Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	D1NE (SE)	0	3	451983 226741
	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	D1NE (SE)	0	3	451983 226741
	Shallow Mining Hazards No Hazard				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water - Designated 2006 Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	D1NE (SE)	0	4	451983 226741
5	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water and Groundwater Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	D1NE (N)	701	4	451995 226911

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Cherwell District Council - Environmental Health Department	February 2010	Annual Rolling Update
South Northamptonshire Council - Environment Division	June 2009	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2010	Quarterly
Environment Agency - Thames Region	April 2010	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	May 2010	Quarterly
Environment Agency - Thames Region	May 2010	Quarterly
Integrated Pollution Controls		
Environment Agency - Anglian Region	October 2008	Not Applicable
Environment Agency - Thames Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	April 2010	Quarterly
Environment Agency - Thames Region	April 2010	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Cherwell District Council - Environmental Health Department	April 2009	Annual Rolling Update
South Northamptonshire Council - Environmental Health Department	February 2010	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Cherwell District Council - Environmental Health Department	April 2009	Annual Rolling Update
South Northamptonshire Council - Environmental Health Department	February 2010	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Cherwell District Council - Environmental Health Department	April 2009	Annual Rolling Update
South Northamptonshire Council - Environmental Health Department	February 2010	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	February 2010	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Anglian Region	September 1999	Not Applicable
Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	June 2010	Monthly
Environment Agency - Thames Region	June 2010	Monthly
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	June 2010	Monthly
Environment Agency - Thames Region	June 2010	Monthly
Registered Radioactive Substances		
Environment Agency - Anglian Region	April 2010	Quarterly
Environment Agency - Thames Region	April 2010	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	January 2010	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	January 2010	Annually
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	April 2010	Quarterly
Environment Agency - Thames Region - West Area	April 2010	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	April 2010	Quarterly
Environment Agency - Thames Region	April 2010	Quarterly

Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals		
Environment Agency - Anglian Region	January 2010	Quarterly
Environment Agency - Thames Region	January 2010	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	January 1999	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Source Protection Zones		
Environment Agency - Head Office	April 2010	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	March 2010	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	March 2010	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	March 2010	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	March 2010	Quarterly
Flood Defences		
Environment Agency - Head Office	March 2010	Quarterly

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Anglian Region - Northern Area	April 2010	Quarterly
Environment Agency - Thames Region - West Area	April 2010	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	October 2008	Not Applicable
Environment Agency - Thames Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	April 2010	Quarterly
Environment Agency - Thames Region - West Area	April 2010	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2010	Quarterly
Environment Agency - Thames Region - West Area	April 2010	Quarterly
Local Authority Landfill Coverage		
Cherwell District Council - Environmental Health Department	May 2000	Not Applicable
Northamptonshire County Council	May 2000	Not Applicable
Oxfordshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Cherwell District Council - Environmental Health Department	May 2000	Not Applicable
Northamptonshire County Council	May 2000	Not Applicable
Oxfordshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	May 2010	Bi-Annually
Explosive Sites		
Health and Safety Executive	January 2009	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Northamptonshire County Council	December 2009	Annual Rolling Update
Cherwell District Council	June 2010	Annual Rolling Update
South Northamptonshire Council	May 2010	Annual Rolling Update
Oxfordshire County Council	October 2009	Annual Rolling Update
Planning Hazardous Substance Consents		
Northamptonshire County Council	December 2009	Annual Rolling Update
Cherwell District Council	June 2010	Annual Rolling Update
South Northamptonshire Council	May 2010	Annual Rolling Update
Oxfordshire County Council	October 2009	Annual Rolling Update

Geological	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2010	Bi-Annually
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	November 2002	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2006	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural and Mining Cavities Peter Brett Associates	May 2010	Bi-Annually
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	May 2007	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	May 2007	As notified
Shallow Mining Hazards British Geological Survey - National Geoscience Information Service	August 2002	Not Applicable
Industrial Land Use	**Version**	**Update Cycle**
Contemporary Trade Directory Entries Thomson Directories	June 2010	Quarterly
Fuel Station Entries Catalist Ltd - Experian Catalist	April 2010	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt Cherwell District Council	March 2010	As notified
Areas of Unadopted Green Belt Cherwell District Council	March 2010	As notified
Areas of Outstanding Natural Beauty Natural England	July 2010	Bi-Annually
Environmentally Sensitive Areas Natural England	July 2010	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	December 2009	Bi-Annually
Marine Nature Reserves Natural England	September 2009	Bi-Annually
National Nature Reserves Natural England	December 2009	Bi-Annually
National Parks Natural England	July 2010	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2009	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2009	Annually
Ramsar Sites Natural England	December 2009	Bi-Annually
Sites of Special Scientific Interest Natural England	December 2009	Bi-Annually
Special Areas of Conservation Natural England	December 2009	Bi-Annually
Special Protection Areas Natural England	December 2009	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Countryside Council for Wales	
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

Useful Contacts

Contact	Name and Address	Contact Details
1	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	**Health and Safety Executive** HSE Infoline, Caerphilly Business Park, Caerphilly, CF83 3GG	Telephone: 08701 545500 Fax: 02920 859260 Email: hseinformationservices@natbrit.com Website: www.hse.gov.uk
3	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	**Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)** Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
5	**Natural England** Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
6	**Cherwell District Council - Environmental Health Department** Bodicote House, Bodicote, Banbury, Oxfordshire, OX15 4AA	Telephone: 01295 252535 extn 4511 Fax: 01295 270028 Website: www.cherwell-dc.gov.uk
7	**Oxfordshire County Council** County Hall, New Road, Oxford, Oxfordshire, OX1 1ND	Telephone: 01865 792422 Fax: 01865 810106 Email: environmental.services@oxfordshire.gov.uk Website: www.oxfordshire.gov.uk
-	**Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	**Landmark Information Group Limited** The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
31993967_1_1

Customer Reference:
10658

National Grid Reference:
452020, 225510

Slice:
B

Site Area (Ha):
76.28

Search Buffer (m):
1000

Site Details:

Site at
Upper Heyford Airfield
Oxfordshire

Client Details:

Mr F Alcock
Waterman Energy Environment & Design Ltd
Versailles Court
3 Paris Gardens
London
SE1 8ND

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Introduction

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

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

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Report Version v47.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		2	1	
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 1	Yes			
Pollution Incidents to Controlled Waters	pg 1	1	4	1	
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances	pg 2	2			
River Quality	pg 3		1		
River Quality Biology Sampling Points	pg 3		1		
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 3			1	
Water Abstractions	pg 3				(*2)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 4	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
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Registered Waste Treatment or Disposal Sites					

Summary

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Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites	pg 7	1	1		2
BGS 1:625,000 Solid Geology	pg 7	Yes	n/a	n/a	n/a
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Natural and Mining Cavities					
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 7	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards				n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards				n/a	n/a
Radon Potential - Radon Affected Areas	pg 8	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Shallow Mining Hazards				n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 9	12	1		
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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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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 11	1			1
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: Antony William Butler Property Type: Domestic Property (Single) Location: Letchmere Farm Cottage Camp Road, Upper Heyford Bicester Oxfordshire Ox25 5ls Authority: Environment Agency, Thames Region Catchment Area: Cherwell and Ray (Oxon) Reference: Cawm.1362 Permit Version: 1 Effective Date: 17th July 2006 Issued Date: 17th July 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Leys Farm Ditch **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	B13NE (N)	38	1	451921 226112
2	**Discharge Consents** Operator: Mr. K.A. And S.A Buxey Property Type: Domestic Property (Multiple) Location: Heyford Leys Mobile Home Park, Upper Heyford, Oxfordshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.1883 Permit Version: 1 Effective Date: 30th June 1995 Issued Date: 30th June 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Leys Farm Ditch **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	B9NE (W)	205	1	451850 225470
3	**Discharge Consents** Operator: North Oxfordshire Consortium Ltd. Property Type: Undefined Or Other Location: Heyford Park, Upper Heyford, Near Bicester, Oxfordshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.2805 Permit Version: 1 Effective Date: 27th March 1997 Issued Date: 27th March 1997 Revocation Date: Not Supplied Discharge Type: Sewage And Trade Combined - Unspecified Discharge Environment: Freshwater Stream/River Receiving Water: Gallows Brook **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 10m	B9SE (SW)	291	1	451710 225280
	Nearest Surface Water Feature	(W)	0	-	451252 225209
4	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Raf Upper Heyford Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed As A Pollution Incident Incident Date: 24th October 1991 Incident Reference: W1910467 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	B13SE (NW)	0	1	451800 225800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: UPPER HEYFORD Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 22nd August 1994 Incident Reference: W1940464 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	B13NE (N)	49	1	451800 226195
5	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: UPPER HEYFORD Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 21st January 1991 Incident Reference: W1910034 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	B13NE (N)	54	1	451800 226200
6	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Heyford Leys, UPPER HEYFORD Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 13th February 1997 Incident Reference: THWE1997031460 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Unknown	B9NE (NW)	65	1	451900 225700
7	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: UPPER HEYFORD Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 8th March 1991 Incident Reference: W1910099 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	B13NE (N)	200	1	452000 226300
8	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Heyford Ley Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 26th April 1995 Incident Reference: W1950199 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	B9NE (SW)	266	1	451800 225400
9	**Registered Radioactive Substances** Name: Oxford Bio-Innovation Ltd Location: 77, Heyford Park, Upper Heyford, Bicester, Oxfordshire, OX25 5HD Authority: Environment Agency, Thames Region Permit Reference: CA4765 Dated: 1st November 2006 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation **Status: Authorisation either revoked or cancelledCancelled** Positional Accuracy: Manually positioned to the address or location	B13SW (NW)	0	1	451658 225928

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Registered Radioactive Substances** Name: Oxford Bio-Innovation Ltd Location: 77, Heyford Park, Upper Heyford, Bicester, Oxfordshire, OX25 5HD Authority: Environment Agency, Thames Region Permit Reference: CA4773 Dated: 1st November 2006 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA **Status: Authorisation either revoked or cancelledCancelled** Positional Accuracy: Manually positioned to the address or location	B13SW (NW)	0	1	451658 225928
	River Quality Name: Leys Farm D GQA Grade: River Quality B Reach: Upper Heyford - Gallos Bk Estimated Distance (km): 6 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	B10NW (SE)	161	1	452110 225417
10	**River Quality Biology Sampling Points** Name: Leys Farm Ditch Reach: Upper Heyford - Gallos Brook Estimated Distance: 6.00 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 1995 GQA Grade: River Quality Biology GQA Grade C - Fairly Good 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 C - Fairly 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	B13NE (N)	169	1	452010 226250
11	**Substantiated Pollution Incident Register** Authority: Environment Agency - Thames Region, West Area Incident Date: 22nd May 2007 Incident Reference: 496617 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Sewage Materials: Final Effluent	B9SE (SW)	282	1	451720 225309
	Water Abstractions Operator: Mr C F Hilsdon Licence Number: 28/39/14/0102 Permit Version: 100 Location: Manor Farm, Middleton Stoney (A) Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 20 Yearly Rate (m3): 7319 Details: Manor Farm, Middleton Stoney Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st September 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B10SE (SE)	1008	1	452700 225200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: J H Norman & Sons Licence Number: 28/39/14/0304 Permit Version: 100 Location: Park Farm, Middleton Stoney (A) Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 18 Yearly Rate (m3): 6619 Details: Great Oolite Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th November 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B6SW (S)	1243	1	452200 224400
	Groundwater Vulnerability Geological Classification: Major Aquifer (Highly permeable) - These are highly permeable formations usually with a known or probable presence of significant fracturing. They may be highly productive and able to support large abstractions for public water supply and other purposes Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 30 Northern Cotswolds Scale: 1:100,000	B9NE (NW)	0	1	452017 225511
	Groundwater Vulnerability Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 30 Northern Cotswolds Scale: 1:100,000	B9NE (NW)	0	1	451757 225686
	Drift Deposits None				
	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				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Cherwell District Council - Has supplied landfill data		0	6	452017 225511
	Local Authority Landfill Coverage Name: Oxfordshire County Council - Has supplied landfill data		0	7	452017 225511

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Control of Major Accident Hazards Sites (COMAH)** Name: Black Cat Fireworks Ltd Location: Heyford Park, Upper Heyford, Oxford, Oxfordshire, OX6 3HE Reference: Not Supplied Type: Lower Tier **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	B13SW (NW)	0	2	451436 225770
13	**Control of Major Accident Hazards Sites (COMAH)** Name: Cosmic Fireworks Ltd Location: Northern Bomb Site, RAF Upper Heyford, Camp Road, Upper Heyford, Oxfordshire, OX25 5HE Reference: Not Supplied Type: Lower Tier **Status: Active** Positional Accuracy: Manually positioned to the address or location	B13NW (NW)	0	2	451424 226144
14	**Explosive Sites** Name: Cosmic Fireworks Limited Location: Northern Bomb Site, RAF Upper Heyford, Camp Road, Upper Heyford, Oxfordshire, OX25 5HE **Status: Active** Positional Accuracy: Manually positioned to the address or location	B13NW (NW)	0	2	451425 226144

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**BGS Recorded Mineral Sites** Site Name: Gorse Covert Location: Upper Heyford, Oxford, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 57208 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Great Oolite Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B13SE (NW)	0	3	451705 225928
16	**BGS Recorded Mineral Sites** Site Name: Leys Farm Location: Upper Heyford, Oxford, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 57207 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Great Oolite Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B10NW (N)	247	3	452081 225671
17	**BGS Recorded Mineral Sites** Site Name: The Gorse Location: Caulcott, Oxford, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 57366 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Great Oolite Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B5SW (SW)	743	3	451610 224609
18	**BGS Recorded Mineral Sites** Site Name: The Gorse Location: Caulcott, Oxford, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 57378 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Great Oolite Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B5SE (S)	781	3	451798 224675
	BGS 1:625,000 Solid Geology Description: Great Oolite	B9NE (NW)	0	3	452017 225511
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Potential for Collapsible Ground Stability Hazards No Hazard				
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NE (NW)	0	3	452017 225511
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B5NE (S)	227	3	452017 225000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9NE (NW)	0	3	452017 225511
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B5NE (S)	227	3	452017 225000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NE (NW)	0	3	452017 225511
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B5NE (S)	227	3	452017 225000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NE (NW)	0	3	452017 225511
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B5NE (S)	227	3	452017 225000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NE (NW)	0	3	452017 225511
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B5NE (S)	227	3	452017 225000
	Radon Potential - Radon Affected Areas Affected Area: The property is in a radon affected area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	B9NE (NW)	0	3	452017 225511
	Radon Potential - Radon Affected Areas Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	B10NW (E)	0	3	452075 225511
	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	B9NE (NW)	0	3	452017 225511
	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	B10NW (E)	0	3	452075 225511
	Shallow Mining Hazards No Hazard				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	**Contemporary Trade Directory Entries** Name: Ranik Ltd Location: 88, Heyford Park, Camp Road, Upper Heyford, Bicester, Oxfordshire, OX25 5HD Classification: Plastic Products - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	B13SW (NW)	0	-	451582 225992
20	**Contemporary Trade Directory Entries** Name: Contact Silica Location: 77, Heyford Park, Camp Road, Upper Heyford, Bicester, Oxfordshire, OX25 5HD Classification: Electronic Component Manufacturers & Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	B13SW (NW)	0	-	451659 225928
20	**Contemporary Trade Directory Entries** Name: Telco Electronics Ltd Location: 77, Heyford Park, Camp Road, Upper Heyford, Bicester, Oxfordshire, OX25 5HD Classification: Electronic Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	B13SW (NW)	0	-	451659 225928
20	**Contemporary Trade Directory Entries** Name: Advanced Paypoint Solutions Location: 77, Heyford Park, Camp Road, Upper Heyford, Bicester, Oxfordshire, OX25 5HD Classification: Cash Registers & Check-Out Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	B13SW (NW)	0	-	451659 225928
20	**Contemporary Trade Directory Entries** Name: Raman Technical Research Ltd Location: Heyford Park,Camp Rd, Upper Heyford, Bicester, Oxfordshire, OX25 5HD Classification: Medical Equipment Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	B13SW (NW)	0	-	451640 225948
20	**Contemporary Trade Directory Entries** Name: Interactive Office Systems Ltd Location: 77, Heyford Park, Camp Road, Upper Heyford, Bicester, Oxfordshire, OX25 5HD Classification: Photocopiers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	B13SW (NW)	0	-	451659 225928
20	**Contemporary Trade Directory Entries** Name: Steelweld Uk Location: 77, Heyford Park, Camp Road, Upper Heyford, Bicester, Oxfordshire, OX25 5HD Classification: Machine Tools - Manufacturers & Distributors **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	B13SW (NW)	0	-	451659 225928
20	**Contemporary Trade Directory Entries** Name: Everest Biotech Ltd Location: 77, Heyford Park, Camp Road, Upper Heyford, Bicester, Oxfordshire, OX25 5HD Classification: Scientific Apparatus & Instruments - Manufacturers **Status: Active** Positional Accuracy: Manually positioned to the address or location	B13SW (NW)	0	-	451659 225928
21	**Contemporary Trade Directory Entries** Name: Laundryquip Location: Heyford Pk, Upper Heyford, Bicester, Oxfordshire, OX25 5HD Classification: Laundry Equipment - Sales & Service **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	B13SW (NW)	0	-	451530 225940
21	**Contemporary Trade Directory Entries** Name: Sensor Technology Ltd Location: 68, Heyford Park, Camp Road, Upper Heyford, Bicester, Oxfordshire, OX25 5HD Classification: Electronic Equipment - Manufacturers & Assemblers **Status: Active** Positional Accuracy: Automatically positioned to the address	B13SW (NW)	0	-	451519 225917

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	**Contemporary Trade Directory Entries** Name: Storm Graphics Location: Heyford Pk,Camp Rd, Upper Heyford, Bicester, Oxfordshire, OX25 5HA Classification: Screen Process Printers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	B13SW (NW)	0	-	451377 225777
23	**Contemporary Trade Directory Entries** Name: A Buxton Location: 32 Heyford Pk,Camp Rd, Upper Heyford, Bicester, Oxfordshire, OX25 5HD Classification: Plant & Machinery Repairs **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	B13SW (NW)	0	-	451578 225751
24	**Contemporary Trade Directory Entries** Name: Heyford Garage Location: Camp Road, Upper Heyford, Bicester, Oxfordshire, OX25 5LU Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	B9NE (W)	61	-	451785 225605

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water - Designated 2006 Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	B9NE (NW)	0	4	452017 225511
26	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water and Groundwater Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	(N)	701	4	452116 226902

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Cherwell District Council - Environmental Health Department	February 2010	Annual Rolling Update
Discharge Consents Environment Agency - Thames Region	April 2010	Quarterly
Enforcement and Prohibition Notices Environment Agency - Thames Region	May 2010	Quarterly
Integrated Pollution Controls Environment Agency - Thames Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Thames Region	April 2010	Quarterly
Local Authority Integrated Pollution Prevention And Control Cherwell District Council - Environmental Health Department	April 2009	Annual Rolling Update
Local Authority Pollution Prevention and Controls Cherwell District Council - Environmental Health Department	April 2009	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Cherwell District Council - Environmental Health Department	April 2009	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	February 2010	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Thames Region	June 2010	Monthly
Prosecutions Relating to Controlled Waters Environment Agency - Thames Region	June 2010	Monthly
Registered Radioactive Substances Environment Agency - Thames Region	April 2010	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	January 2010	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	January 2010	Annually
Substantiated Pollution Incident Register Environment Agency - Thames Region - West Area	April 2010	Quarterly
Water Abstractions Environment Agency - Thames Region	April 2010	Quarterly
Water Industry Act Referrals Environment Agency - Thames Region	January 2010	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 1999	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Source Protection Zones Environment Agency - Head Office	April 2010	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2010	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2010	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	March 2010	Quarterly

Agency & Hydrological	Version	Update Cycle
Flood Water Storage Areas Environment Agency - Head Office	March 2010	Quarterly
Flood Defences Environment Agency - Head Office	March 2010	Quarterly
Waste	**Version**	**Update Cycle**
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Thames Region - West Area	April 2010	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Thames Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Thames Region - West Area	April 2010	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Thames Region - West Area	April 2010	Quarterly
Local Authority Landfill Coverage Cherwell District Council - Environmental Health Department Oxfordshire County Council	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Cherwell District Council - Environmental Health Department Oxfordshire County Council	May 2000 May 2000	Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	May 2010	Bi-Annually
Explosive Sites Health and Safety Executive	January 2009	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Cherwell District Council Oxfordshire County Council	June 2010 October 2009	Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Cherwell District Council Oxfordshire County Council	June 2010 October 2009	Annual Rolling Update Annual Rolling Update

Geological	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2010	Bi-Annually
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	November 2002	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2006	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural and Mining Cavities Peter Brett Associates	May 2010	Bi-Annually
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	May 2007	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	May 2007	As notified
Shallow Mining Hazards British Geological Survey - National Geoscience Information Service	August 2002	Not Applicable
Industrial Land Use	**Version**	**Update Cycle**
Contemporary Trade Directory Entries Thomson Directories	June 2010	Quarterly
Fuel Station Entries Catalist Ltd - Experian Catalist	April 2010	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt Cherwell District Council	March 2010	As notified
Areas of Unadopted Green Belt Cherwell District Council	March 2010	As notified
Areas of Outstanding Natural Beauty Natural England	July 2010	Bi-Annually
Environmentally Sensitive Areas Natural England	July 2010	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	December 2009	Bi-Annually
Marine Nature Reserves Natural England	September 2009	Bi-Annually
National Nature Reserves Natural England	December 2009	Bi-Annually
National Parks Natural England	July 2010	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2009	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2009	Annually
Ramsar Sites Natural England	December 2009	Bi-Annually
Sites of Special Scientific Interest Natural England	December 2009	Bi-Annually
Special Areas of Conservation Natural England	December 2009	Bi-Annually
Special Protection Areas Natural England	December 2009	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Countryside Council for Wales	
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

Useful Contacts

Contact	Name and Address	Contact Details
1	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	**Health and Safety Executive** HSE Infoline, Caerphilly Business Park, Caerphilly, CF83 3GG	Telephone: 08701 545500 Fax: 02920 859260 Email: hseinformationservices@natbrit.com Website: www.hse.gov.uk
3	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	**Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)** Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
5	**Natural England** Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
6	**Cherwell District Council - Environmental Health Department** Bodicote House, Bodicote, Banbury, Oxfordshire, OX15 4AA	Telephone: 01295 252535 extn 4511 Fax: 01295 270028 Website: www.cherwell-dc.gov.uk
7	**Oxfordshire County Council** County Hall, New Road, Oxford, Oxfordshire, OX1 1ND	Telephone: 01865 792422 Fax: 01865 810106 Email: environmental.services@oxfordshire.gov.uk Website: www.oxfordshire.gov.uk
-	**Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	**Landmark Information Group Limited** The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
31993967_1_1

Customer Reference:
10658

National Grid Reference:
450750, 226700

Slice:
C

Site Area (Ha):
76.28

Search Buffer (m):
1000

Site Details:

Site at
Upper Heyford Airfield
Oxfordshire

Client Details:

Mr F Alcock
Waterman Energy Environment & Design Ltd
Versailles Court
3 Paris Gardens
London
SE1 8ND

Contents

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Introduction

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

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

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Information supplied from a joint dataset compiled by The British Geological Survey and the Health Protection Agency.

Report Version v47.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents					
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature					
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability	pg 1	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites					
BGS 1:625,000 Solid Geology	pg 3	Yes	n/a	n/a	n/a
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Natural and Mining Cavities					
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 3	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 3		Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards				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
Shallow Mining Hazards	pg 3		Yes	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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Environmentally Sensitive Areas	pg 4			1	
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 4	1			1
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nearest Surface Water Feature None				
	Groundwater Vulnerability Geological Classification: Major Aquifer (Highly permeable) - These are highly permeable formations usually with a known or probable presence of significant fracturing. They may be highly productive and able to support large abstractions for public water supply and other purposes Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 30 Northern Cotswolds Scale: 1:100,000	C3NW (W)	0	1	450301 226864
	Groundwater Vulnerability Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 30 Northern Cotswolds Scale: 1:100,000	C4SW (SE)	0	1	450754 226696
	Drift Deposits None				
	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				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Cherwell District Council - Has supplied landfill data		0	5	450754 226696
	Local Authority Landfill Coverage Name: Oxfordshire County Council - Has supplied landfill data		0	6	450754 226696

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Great Oolite	C4SW (SE)	0	2	450754 226696
	BGS 1:625,000 Solid Geology Description: Inferior Oolite	C4SW (W)	0	2	450752 226696
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Potential for Collapsible Ground Stability Hazards No Hazard				
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C4SW (SE)	0	2	450754 226696
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2SE (W)	140	2	450000 226696
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C4SW (SE)	0	2	450754 226696
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C4SW (SE)	0	2	450754 226696
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2SE (W)	168	2	449975 226696
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C4SW (SE)	0	2	450754 226696
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2SE (W)	140	2	450000 226696
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C4SW (SE)	0	2	450754 226696
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2SE (W)	140	2	450000 226696
	Radon Potential - Radon Affected Areas Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	C4SW (SE)	0	2	450754 226696
	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	C4SW (SE)	0	2	450754 226696
	Shallow Mining Hazards Risk: Low Source: British Geological Survey, National Geoscience Information Service	C2SE (W)	218	2	449973 226501

Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Environmentally Sensitive Areas** Name: Upper Thames Tributaries Multiple Areas: Y Total Area (m2): 117363037.52 Source: Natural England	(SW)	388	3	449858 225956
2	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water - Designated 2006 Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	C4SW (SE)	0	4	450754 226696
3	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water and Groundwater Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	C8SE (NE)	701	4	451150 227150

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Cherwell District Council - Environmental Health Department	February 2010	Annual Rolling Update
West Oxfordshire District Council - Environmental Health Department	February 2010	Annual Rolling Update
South Northamptonshire Council - Environment Division	June 2009	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2010	Quarterly
Environment Agency - Thames Region	April 2010	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	May 2010	Quarterly
Environment Agency - Thames Region	May 2010	Quarterly
Integrated Pollution Controls		
Environment Agency - Anglian Region	October 2008	Not Applicable
Environment Agency - Thames Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	April 2010	Quarterly
Environment Agency - Thames Region	April 2010	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Cherwell District Council - Environmental Health Department	April 2009	Annual Rolling Update
South Northamptonshire Council - Environmental Health Department	February 2010	Annual Rolling Update
West Oxfordshire District Council - Environmental Health Department	January 2010	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Cherwell District Council - Environmental Health Department	April 2009	Annual Rolling Update
South Northamptonshire Council - Environmental Health Department	February 2010	Annual Rolling Update
West Oxfordshire District Council - Environmental Health Department	January 2010	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Cherwell District Council - Environmental Health Department	April 2009	Annual Rolling Update
South Northamptonshire Council - Environmental Health Department	February 2010	Annual Rolling Update
West Oxfordshire District Council - Environmental Health Department	January 2010	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	February 2010	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Anglian Region	September 1999	Not Applicable
Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	June 2010	Monthly
Environment Agency - Thames Region	June 2010	Monthly
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	June 2010	Monthly
Environment Agency - Thames Region	June 2010	Monthly
Registered Radioactive Substances		
Environment Agency - Anglian Region	April 2010	Quarterly
Environment Agency - Thames Region	April 2010	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	January 2010	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	January 2010	Annually
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	April 2010	Quarterly
Environment Agency - Thames Region - West Area	April 2010	Quarterly

Data Currency

Agency & Hydrological	Version	Update Cycle
Water Abstractions		
Environment Agency - Anglian Region	April 2010	Quarterly
Environment Agency - Thames Region	April 2010	Quarterly
Water Industry Act Referrals		
Environment Agency - Anglian Region	January 2010	Quarterly
Environment Agency - Thames Region	January 2010	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	January 1999	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Source Protection Zones		
Environment Agency - Head Office	April 2010	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	March 2010	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	March 2010	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	March 2010	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	March 2010	Quarterly
Flood Defences		
Environment Agency - Head Office	March 2010	Quarterly

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Anglian Region - Northern Area	April 2010	Quarterly
Environment Agency - Thames Region - West Area	April 2010	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	October 2008	Not Applicable
Environment Agency - Thames Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	April 2010	Quarterly
Environment Agency - Thames Region - West Area	April 2010	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2010	Quarterly
Environment Agency - Thames Region - West Area	April 2010	Quarterly
Local Authority Landfill Coverage		
Cherwell District Council - Environmental Health Department	May 2000	Not Applicable
Northamptonshire County Council	May 2000	Not Applicable
Oxfordshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
West Oxfordshire District Council - Technical Services Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Cherwell District Council - Environmental Health Department	May 2000	Not Applicable
Northamptonshire County Council	May 2000	Not Applicable
Oxfordshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
West Oxfordshire District Council - Technical Services Department	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Environment Agency - Thames Region - West Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	May 2010	Bi-Annually
Explosive Sites Health and Safety Executive	January 2009	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Northamptonshire County Council	December 2009	Annual Rolling Update
West Oxfordshire District Council	December 2009	Annual Rolling Update
Cherwell District Council	June 2010	Annual Rolling Update
South Northamptonshire Council	May 2010	Annual Rolling Update
Oxfordshire County Council	October 2009	Annual Rolling Update
Planning Hazardous Substance Consents		
Northamptonshire County Council	December 2009	Annual Rolling Update
West Oxfordshire District Council	December 2009	Annual Rolling Update
Cherwell District Council	June 2010	Annual Rolling Update
South Northamptonshire Council	May 2010	Annual Rolling Update
Oxfordshire County Council	October 2009	Annual Rolling Update

Geological	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2010	Bi-Annually
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	November 2002	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2006	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural and Mining Cavities Peter Brett Associates	May 2010	Bi-Annually
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	May 2007	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	May 2007	As notified
Shallow Mining Hazards British Geological Survey - National Geoscience Information Service	August 2002	Not Applicable

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	June 2010	Quarterly
Fuel Station Entries Catalist Ltd - Experian Catalist	April 2010	Quarterly
Sensitive Land Use	**Version**	**Update Cycle**
Areas of Adopted Green Belt Cherwell District Council West Oxfordshire District Council	March 2010 March 2010	As notified As notified
Areas of Unadopted Green Belt Cherwell District Council West Oxfordshire District Council	March 2010 March 2010	As notified As notified
Areas of Outstanding Natural Beauty Natural England	July 2010	Bi-Annually
Environmentally Sensitive Areas Natural England	July 2010	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	December 2009	Bi-Annually
Marine Nature Reserves Natural England	September 2009	Bi-Annually
National Nature Reserves Natural England	December 2009	Bi-Annually
National Parks Natural England	July 2010	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2009	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2009	Annually
Ramsar Sites Natural England	December 2009	Bi-Annually
Sites of Special Scientific Interest Natural England	December 2009	Bi-Annually
Special Areas of Conservation Natural England	December 2009	Bi-Annually
Special Protection Areas Natural England	December 2009	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Countryside Council for Wales	
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

Useful Contacts

Contact	Name and Address	Contact Details
1	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	**Natural England** Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
4	**Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)** Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
5	**Cherwell District Council - Environmental Health Department** Bodicote House, Bodicote, Banbury, Oxfordshire, OX15 4AA	Telephone: 01295 252535 extn 4511 Fax: 01295 270028 Website: www.cherwell-dc.gov.uk
6	**Oxfordshire County Council** County Hall, New Road, Oxford, Oxfordshire, OX1 1ND	Telephone: 01865 792422 Fax: 01865 810106 Email: environmental.services@oxfordshire.gov.uk Website: www.oxfordshire.gov.uk
-	**Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	**Landmark Information Group Limited** The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
31993967_1_1

Customer Reference:
10658

National Grid Reference:
450350, 225360

Slice:
A

Site Area (Ha):
76.28

Search Buffer (m):
1000

Site Details:

Site at
Upper Heyford Airfield
Oxfordshire

Client Details:

Mr F Alcock
Waterman Energy Environment & Design Ltd
Versailles Court
3 Paris Gardens
London
SE1 8ND

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Introduction

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

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

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Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1	4	1		10
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 4	2			
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature		Yes			
Pollution Incidents to Controlled Waters	pg 5				1
Prosecutions Relating to Authorised Processes	pg 5	1			
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality	pg 5				3
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 5				2
Water Industry Act Referrals					
Groundwater Vulnerability	pg 6	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
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Historical Landfill Sites	pg 7				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites	pg 7				1
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Summary

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Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites	pg 9	1	1		1
BGS 1:625,000 Solid Geology	pg 9	Yes	n/a	n/a	n/a
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Natural and Mining Cavities					
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 10		Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards				n/a	n/a
Radon Potential - Radon Affected Areas	pg 10	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Shallow Mining Hazards	pg 10		Yes	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 11	5			1
Fuel Station Entries					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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Areas of Unadopted Green Belt					
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National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 12	1			1
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: North Oxfordshire Consortium Ltd. Property Type: Undefined Or Other Location: Heyford Park, Upper Heyford, Near Bicester, Oxfordshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.2849 Permit Version: 1 Effective Date: 27th March 1997 Issued Date: 27th March 1997 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Environment: Freshwater Stream/River Receiving Water: Leys Farm Ditch **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Manually corrected supplier location	A12NW (E)	0	1	450900 225495
1	**Discharge Consents** Operator: North Oxfordshire Consortium Ltd. Property Type: Undefined Or Other Location: Heyford Park, Upper Heyford, Near Bicester, Oxfordshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.2848 Permit Version: 1 Effective Date: 27th March 1997 Issued Date: 27th March 1997 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Environment: Freshwater Stream/River Receiving Water: Leys Farm Ditch **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Manually corrected supplier location	A12NW (E)	0	1	450905 225495
1	**Discharge Consents** Operator: North Oxfordshire Consortium Ltd. Property Type: Undefined Or Other Location: Heyford Park, Upper Heyford, Near Bicester, Oxfordshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.2850 Permit Version: 1 Effective Date: 27th March 1997 Issued Date: 27th March 1997 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Environment: Freshwater Stream/River Receiving Water: Leys Farm Ditch **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Manually corrected supplier location	A12NW (E)	0	1	450900 225505
2	**Discharge Consents** Operator: North Oxfordshire Consortium Ltd. Property Type: Undefined Or Other Location: Heyford Park, Upper Heyford, Near Bicester, Oxfordshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.2846 Permit Version: 1 Effective Date: 27th March 1997 Issued Date: 27th March 1997 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Ofthe Upper Heyford **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A12NW (E)	0	1	450900 225400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: North Oxfordshire Consortium Ltd. Property Type: Undefined Or Other Location: Heyford Park, Upper Heyford, Near Bicester, Oxfordshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.2847 Permit Version: 1 Effective Date: 27th March 1997 Issued Date: 27th March 1997 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Environment: Freshwater Stream/River Receiving Water: Gallo'S Brook **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A11NE (NE)	105	1	450500 225500
4	**Discharge Consents** Operator: Heyfordian Coaches Ltd Property Type: Extraction Of Other Minerals Location: Orchard Lane, Upper Heyford, Oxon Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.1297 Permit Version: 1 Effective Date: 14th November 1986 Issued Date: 14th November 1986 Revocation Date: 29th October 1992 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of Oxford Canl:Middle Sec **Status: Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 10m	A14SE (NW)	601	1	449790 225890
4	**Discharge Consents** Operator: Heyfordian Travel Ltd Property Type: Extraction Of Other Minerals Location: Upper Heyford Depot, Upper Heyford, Oxon Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcr.1489 Permit Version: 1 Effective Date: 28th July 1976 Issued Date: 28th July 1976 Revocation Date: 29th October 1992 Discharge Type: Unknown Discharge Environment: Freshwater Stream/River Receiving Water: Trib Oxfordcanal **Status: Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 100m	A14SE (NW)	604	1	449800 225900
5	**Discharge Consents** Operator: Thames Water Utilities Limited. Property Type: Sewage Disposal Works - Water Company Location: Heyford Stw, Lower Heyford, Oxford, Oxon Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cssc.2331 Permit Version: 3 Effective Date: 1st January 2010 Issued Date: 25th September 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Cherwell **Status: Transferred from COPA 1974** Positional Accuracy: Located by supplier to within 100m	A9NE (W)	840	1	449300 225400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Discharge Consents** Operator: Thames Water Utilities Ltd Property Type: Sewage Disposal Works - Water Company Location: Heyford Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.2658 Permit Version: 2 Effective Date: 14th April 2009 Issued Date: 14th April 2009 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Cherwell **Status: Temporary Consents (Water Act 1989, Section 113)** Positional Accuracy: Located by supplier to within 10m	A9NE (W)	840	1	449300 225401
5	**Discharge Consents** Operator: Thames Water Utilities Limited. Property Type: Sewage Disposal Works - Water Company Location: Heyford Stw, Lower Heyford, Oxford, Oxon Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cssc.2331 Permit Version: 2 Effective Date: 9th March 2005 Issued Date: 9th March 2005 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Cherwell **Status: Transferred from COPA 1974** Positional Accuracy: Located by supplier to within 100m	A9NE (W)	840	1	449300 225400
5	**Discharge Consents** Operator: Thames Water Utilities Ltd Property Type: Sewage Disposal Works - Water Company Location: Heyford Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.2658 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 13th April 2009 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Cherwell **Status: Temporary Consents (Water Act 1989, Section 113)** Positional Accuracy: Located by supplier to within 10m	A9NE (W)	840	1	449300 225401
5	**Discharge Consents** Operator: Thames Water Utilities Limited. Property Type: Sewage Disposal Works - Water Company Location: Heyford Stw, Lower Heyford, Oxford, Oxon Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CSSC.2331 Permit Version: 1 Effective Date: 1st November 1985 Issued Date: 1st November 1985 Revocation Date: 8th March 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Cherwell **Status: Transferred from COPA 1974** Positional Accuracy: Located by supplier to within 100m	A9NE (W)	840	1	449300 225400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: Thames Water Utilities Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Allan'S Lane Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.0323 Permit Version: 2 Effective Date: 14th April 2009 Issued Date: 14th April 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Cherwell **Status: Temporary Consents (Water Act 1989, Section 113)** Positional Accuracy: Located by supplier to within 100m	A14SW (NW)	893	1	449400 225900
6	**Discharge Consents** Operator: Thames Water Utilities Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Allan'S Lane Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.0323 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 13th April 2009 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Cherwell **Status: Temporary Consents (Water Act 1989, Section 113)** Positional Accuracy: Located by supplier to within 100m	A14SW (NW)	893	1	449400 225900
7	**Discharge Consents** Operator: Stewart Developments And Contracting Ltd Property Type: Domestic Property (Multiple) Location: Two Dwellings, The Brambles Somerton Road Upper Heyford Oxfordshire Ox25 5bl Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cawm.0785 Permit Version: 1 Effective Date: 26th November 2003 Issued Date: 5th November 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Into Land Receiving Water: Groundwater Via A Soakaway **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14NE (NW)	995	1	449760 226330
8	**Local Authority Pollution Prevention and Controls** Name: Paragon Fleet Solutions Location: 125 Camp Road, Heyford Park, UPPER HEYFORD, Oxon, OX6 3HA Authority: Cherwell District Council, Environmental Health Department Permit Reference: CDCP 8/95 Dated: 21st November 1995 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles **Status: Authorised** Positional Accuracy: Automatically positioned to the address	A16SE (NE)	0	2	451227 225979
9	**Local Authority Pollution Prevention and Controls** Name: Walon Ltd Location: Heyford Park, Upper Heyford, BICESTER, Oxfordshire, OX6 3HB Authority: Cherwell District Council, Environmental Health Department Permit Reference: CDC10/95 Dated: 17th October 1995 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles **Status: Application exempt from APC** Positional Accuracy: Manually positioned within the geographical locality	A16SW (NE)	0	2	450900 225900
	Nearest Surface Water Feature	A11SE (E)	0	-	450531 225323

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: UPPER HEYFORD Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 24th July 1994 Incident Reference: W1940396 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	A15SW (NW)	615	1	450001 226001
11	**Prosecutions Relating to Authorised Processes** Location: Heyford Park, Bicester, Ox25 Prosecution Text: Failure to comply with packaging waste regulations Prosecution Act: Pro97 Hearing Date: 10th October 2007 Verdict: Guilty Fine: 16964 Costs: 1429 Positional Accuracy: Manually positioned to the address or location	A16SE (NE)	0	1	451307 225869
	River Quality Name: Oxford Canal (Middle) GQA Grade: River Quality E Reach: Aynho Weir Lock - Cherwell @ Bakers Lock Estimated Distance (km): 20.6 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A10NW (W)	771	1	449377 225504
	River Quality Name: Cherwell GQA Grade: River Quality B Reach: Somerton Bridge - Oxford Canal (Middle) Estimated Distance (km): 19.6 Flow Rate: Flow less than 5 cumecs Flow Type: River Year: 2000	A10NW (W)	861	1	449329 225688
	River Quality Name: Gallos Bk GQA Grade: River Quality B Reach: Caulcott - Ray (Oxon) Estimated Distance (km): 13.7 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A4NW (SE)	975	1	450822 224284
12	**Water Abstractions** Operator: The President & Scholars Corpus Christi College Licence Number: 28/39/14/0116 Permit Version: 100 Location: Lower Heyford Estate, Oxon (Catchpit - A) Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 8 Yearly Rate (m3): 1091 Details: Additional Purpose(s) - Agriculture (1091). Inferior Oolite Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th January 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10SW (W)	547	1	449600 225300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Water Abstractions** Operator: The President & Scholars Corpus Christi College Licence Number: 28/39/14/0116 Permit Version: 100 Location: Lower Heyford Estate, Oxon (Catchpit - A) Authority: Environment Agency, Thames Region Abstraction: Household Private Water Undertaking: 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: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th January 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10SW (W)	547	1	449600 225300
	Groundwater Vulnerability Geological Classification: Major Aquifer (Highly permeable) - These are highly permeable formations usually with a known or probable presence of significant fracturing. They may be highly productive and able to support large abstractions for public water supply and other purposes Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 30 Northern Cotswolds Scale: 1:100,000	A11SE (S)	0	1	450354 225358
	Groundwater Vulnerability Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 30 Northern Cotswolds Scale: 1:100,000	A11NE (N)	0	1	450402 225627
	Drift Deposits None				
	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				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Lower Heyford, Oxfordshire Name: Land off Port Way Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD13571 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial and Household Waste, and Liquid Sludge EA Waste Ref: -9999 Regis Ref: Not Supplied WRC Ref: 3100/0174 BGS Ref: Not Supplied Other Ref: TP0449, 13.6.5024	A7SW (S)	834	1	450103 224547
	Local Authority Landfill Coverage Name: Cherwell District Council - Has supplied landfill data		0	2	450354 225358
	Local Authority Landfill Coverage Name: Oxfordshire County Council - Has supplied landfill data		0	7	450354 225358
14	**Local Authority Recorded Landfill Sites** Location: Lower Heyford Reference: 18 Authority: Cherwell District Council, Environmental Health Department **Last Reported Status: Unknown** Types of Waste: Glass (Some Food Jars), Plastic, And Brick Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A7SW (S)	867	2	450068 224520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**Control of Major Accident Hazards Sites (COMAH)** Name: Cosmic Fireworks Ltd Location: Raf Upper Heyford, Upper Heyford, Oxfordshire, OX6 3HD Reference: 1037428 Type: Upper Tier **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A16SE (NE)	0	3	451248 225804

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	**BGS Recorded Mineral Sites** Site Name: The Tower Location: Camp Road, Upper Heyford, Oxford, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 57206 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Great Oolite Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A16SE (NE)	0	4	451224 225780
17	**BGS Recorded Mineral Sites** Site Name: Manor Farm Location: Upper Heyford, Oxford, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 57211 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Great Oolite Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A11SW (W)	20	4	450250 225347
18	**BGS Recorded Mineral Sites** Site Name: Horse & Groom (P.H.) Location: Caulcott, Oxford, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 57380 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Great Oolite Group Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7SE (S)	857	4	450563 224441
	BGS 1:625,000 Solid Geology Description: Great Oolite	A11SE (S)	0	4	450354 225358
	BGS 1:625,000 Solid Geology Description: Inferior Oolite	A11SW (W)	0	4	450154 225376
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Potential for Collapsible Ground Stability Hazards No Hazard				
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	0	4	450354 225358
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	140	4	450000 225358
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NE (S)	227	4	450354 225000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	0	4	450354 225358
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	140	4	450000 225358
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (NW)	205	4	450000 225550
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7NE (S)	227	4	450354 225000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	0	4	450354 225358
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	140	4	450000 225358
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	168	4	449975 225425
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (NW)	205	4	450000 225550
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NE (S)	227	4	450354 225000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	0	4	450354 225358
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	140	4	450000 225358
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NE (S)	227	4	450354 225000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	0	4	450354 225358
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	140	4	450000 225358
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NE (S)	227	4	450354 225000
	Radon Potential - Radon Affected Areas Affected Area: The property is in a radon affected area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	4	450925 225358
	Radon Potential - Radon Affected Areas Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	0	4	450354 225358
	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	A12SW (E)	0	4	450925 225358
	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	A11SE (S)	0	4	450354 225358
	Shallow Mining Hazards Risk: Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	218	4	449940 225486

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	**Contemporary Trade Directory Entries** Name: Kingsground Narrow Boats Location: 103, Heyford Park, Camp Road, Upper Heyford, Bicester, Oxfordshire, OX25 5HA Classification: Boatbuilders & Repairers **Status: Active** Positional Accuracy: Automatically positioned to the address	A16SE (NE)	0	-	451295 225815
20	**Contemporary Trade Directory Entries** Name: Integration Technology Ltd Location: 115-119, Heyford Park, Camp Road, Upper Heyford, BICESTER, Oxfordshire, OX25 5HA Classification: Printing Equipment Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A16SE (NE)	0	-	451330 225905
20	**Contemporary Trade Directory Entries** Name: Abbess Dryers Ltd Location: 115-119, Heyford Park, Camp Road, Upper Heyford, Bicester, Oxfordshire, OX25 5HA Classification: Printing Equipment Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A16SE (NE)	0	-	451330 225905
21	**Contemporary Trade Directory Entries** Name: Essential Location: 14, Bader Drive, Upper Heyford, Bicester, Oxfordshire, OX25 5TN Classification: Cleaning Services - Commercial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (E)	0	-	451016 225393
22	**Contemporary Trade Directory Entries** Name: Smart Cleanings (Uk) Ltd Location: 24, Carswell Circle, Upper Heyford, Bicester, Oxfordshire, OX25 5TY Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (E)	0	-	451157 225516
23	**Contemporary Trade Directory Entries** Name: Atkinson & Sanders Ltd Location: Lower Heyford Road, Caulcott, Bicester, Oxfordshire, OX25 4ND Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A4NW (SE)	889	-	450868 224363

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	**Environmentally Sensitive Areas** Name: Upper Thames Tributaries Multiple Areas: Y Total Area (m2): 117363037.52 Source: Natural England	A10NE (W)	388	5	449778 225538
25	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water - Designated 2006 Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A11SE (S)	0	6	450354 225358
26	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water and Groundwater Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	(NE)	701	6	451450 226950

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Cherwell District Council - Environmental Health Department	February 2010	Annual Rolling Update
West Oxfordshire District Council - Environmental Health Department	February 2010	Annual Rolling Update
Discharge Consents		
Environment Agency - Thames Region	April 2010	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Thames Region	May 2010	Quarterly
Integrated Pollution Controls		
Environment Agency - Thames Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - Thames Region	April 2010	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Cherwell District Council - Environmental Health Department	April 2009	Annual Rolling Update
West Oxfordshire District Council - Environmental Health Department	January 2010	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Cherwell District Council - Environmental Health Department	April 2009	Annual Rolling Update
West Oxfordshire District Council - Environmental Health Department	January 2010	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Cherwell District Council - Environmental Health Department	April 2009	Annual Rolling Update
West Oxfordshire District Council - Environmental Health Department	January 2010	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	February 2010	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Thames Region	June 2010	Monthly
Prosecutions Relating to Controlled Waters		
Environment Agency - Thames Region	June 2010	Monthly
Registered Radioactive Substances		
Environment Agency - Thames Region	April 2010	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	January 2010	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	January 2010	Annually
Substantiated Pollution Incident Register		
Environment Agency - Thames Region - West Area	April 2010	Quarterly
Water Abstractions		
Environment Agency - Thames Region	April 2010	Quarterly
Water Industry Act Referrals		
Environment Agency - Thames Region	January 2010	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	January 1999	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Source Protection Zones		
Environment Agency - Head Office	April 2010	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	March 2010	Quarterly

Agency & Hydrological	Version	Update Cycle
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	March 2010	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	March 2010	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	March 2010	Quarterly
Flood Defences		
Environment Agency - Head Office	March 2010	Quarterly
Waste	**Version**	**Update Cycle**
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Thames Region - West Area	April 2010	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Thames Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Thames Region - West Area	April 2010	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Thames Region - West Area	April 2010	Quarterly
Local Authority Landfill Coverage		
Cherwell District Council - Environmental Health Department	May 2000	Not Applicable
Oxfordshire County Council	May 2000	Not Applicable
West Oxfordshire District Council - Technical Services Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Cherwell District Council - Environmental Health Department	May 2000	Not Applicable
Oxfordshire County Council	May 2000	Not Applicable
West Oxfordshire District Council - Technical Services Department	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	May 2010	Bi-Annually
Explosive Sites		
Health and Safety Executive	January 2009	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
West Oxfordshire District Council	December 2009	Annual Rolling Update
Cherwell District Council	June 2010	Annual Rolling Update
Oxfordshire County Council	October 2009	Annual Rolling Update
Planning Hazardous Substance Consents		
West Oxfordshire District Council	December 2009	Annual Rolling Update
Cherwell District Council	June 2010	Annual Rolling Update
Oxfordshire County Council	October 2009	Annual Rolling Update

Geological	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2010	Bi-Annually
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	November 2002	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2006	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural and Mining Cavities Peter Brett Associates	May 2010	Bi-Annually
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	May 2007	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	May 2007	As notified
Shallow Mining Hazards British Geological Survey - National Geoscience Information Service	August 2002	Not Applicable
Industrial Land Use	**Version**	**Update Cycle**
Contemporary Trade Directory Entries Thomson Directories	June 2010	Quarterly
Fuel Station Entries Catalist Ltd - Experian Catalist	April 2010	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt Cherwell District Council West Oxfordshire District Council	 March 2010 March 2010	 As notified As notified
Areas of Unadopted Green Belt Cherwell District Council West Oxfordshire District Council	 March 2010 March 2010	 As notified As notified
Areas of Outstanding Natural Beauty Natural England	 July 2010	 Bi-Annually
Environmentally Sensitive Areas Natural England	 July 2010	 Annually
Forest Parks Forestry Commission	 April 1997	 Not Applicable
Local Nature Reserves Natural England	 December 2009	 Bi-Annually
Marine Nature Reserves Natural England	 September 2009	 Bi-Annually
National Nature Reserves Natural England	 December 2009	 Bi-Annually
National Parks Natural England	 July 2010	 Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	 December 2009	 Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	 February 2009	 Annually
Ramsar Sites Natural England	 December 2009	 Bi-Annually
Sites of Special Scientific Interest Natural England	 December 2009	 Bi-Annually
Special Areas of Conservation Natural England	 December 2009	 Bi-Annually
Special Protection Areas Natural England	 December 2009	 Bi-Annually

Data Suppliers

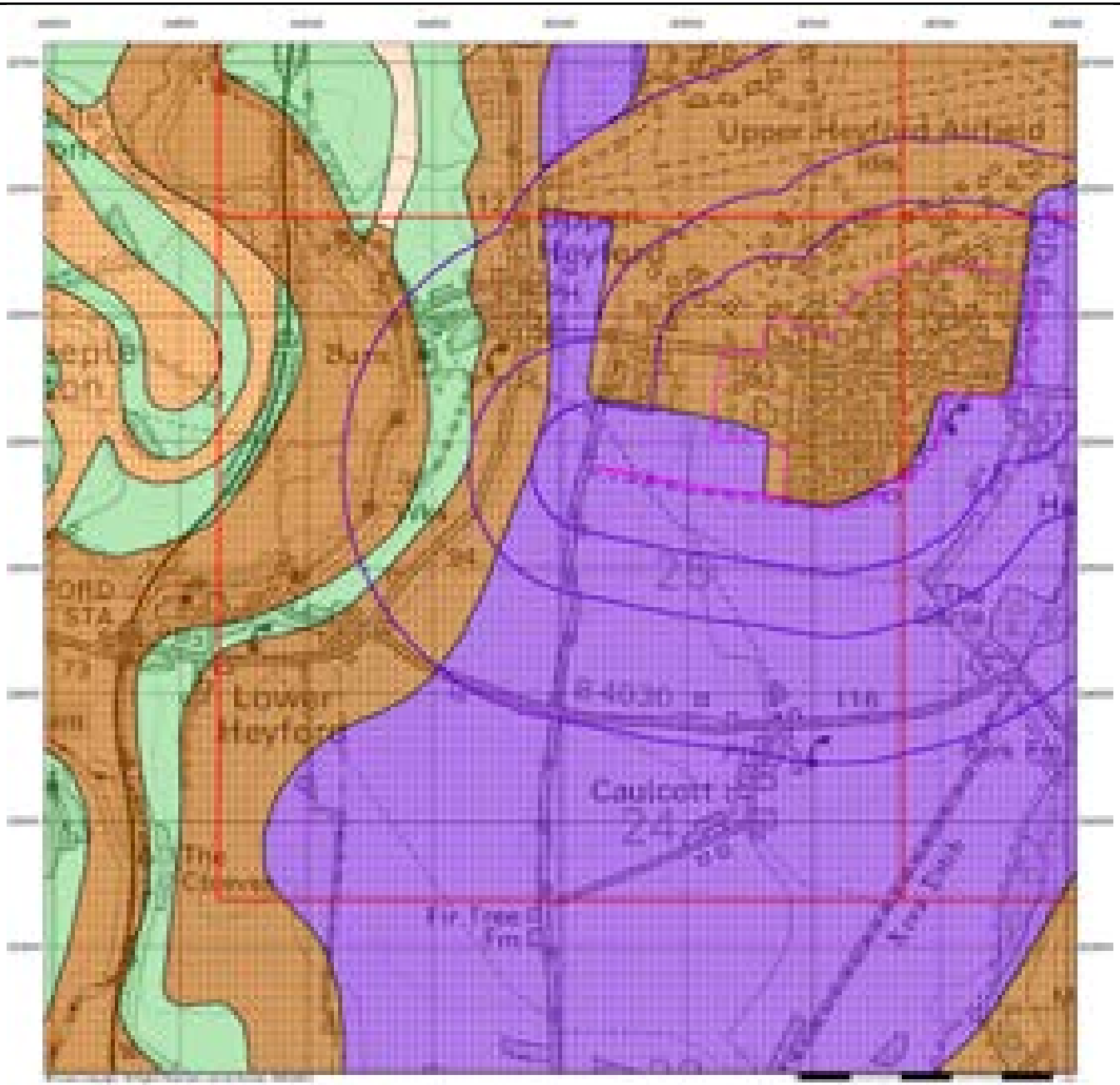
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Countryside Council for Wales	
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

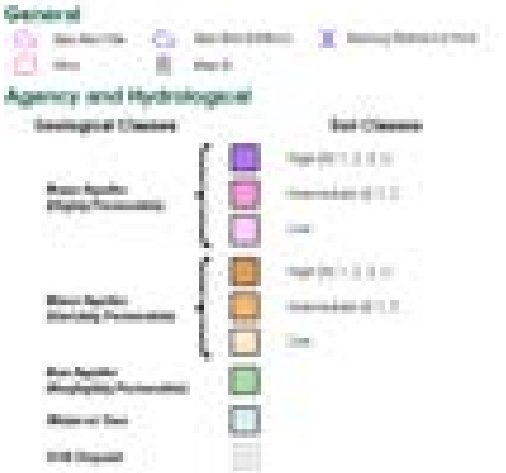
Useful Contacts

Contact	Name and Address	Contact Details
1	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	**Cherwell District Council - Environmental Health Department** Bodicote House, Bodicote, Banbury, Oxfordshire, OX15 4AA	Telephone: 01295 252535 extn 4511 Fax: 01295 270028 Website: www.cherwell-dc.gov.uk
3	**Health and Safety Executive** HSE Infoline, Caerphilly Business Park, Caerphilly, CF83 3GG	Telephone: 08701 545500 Fax: 02920 859260 Email: hseinformationservices@natbrit.com Website: www.hse.gov.uk
4	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
5	**Natural England** Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
6	**Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)** Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
7	**Oxfordshire County Council** County Hall, New Road, Oxford, Oxfordshire, OX1 1ND	Telephone: 01865 792422 Fax: 01865 810106 Email: environmental.services@oxfordshire.gov.uk Website: www.oxfordshire.gov.uk
-	**Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	**Landmark Information Group Limited** The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

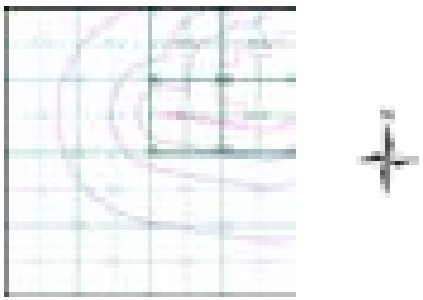
Please note that the Environment Agency / SEPA have a charging policy in place for enquiries.



Groundwater Vulnerability



Site Sensitivity Context Map - Slice A



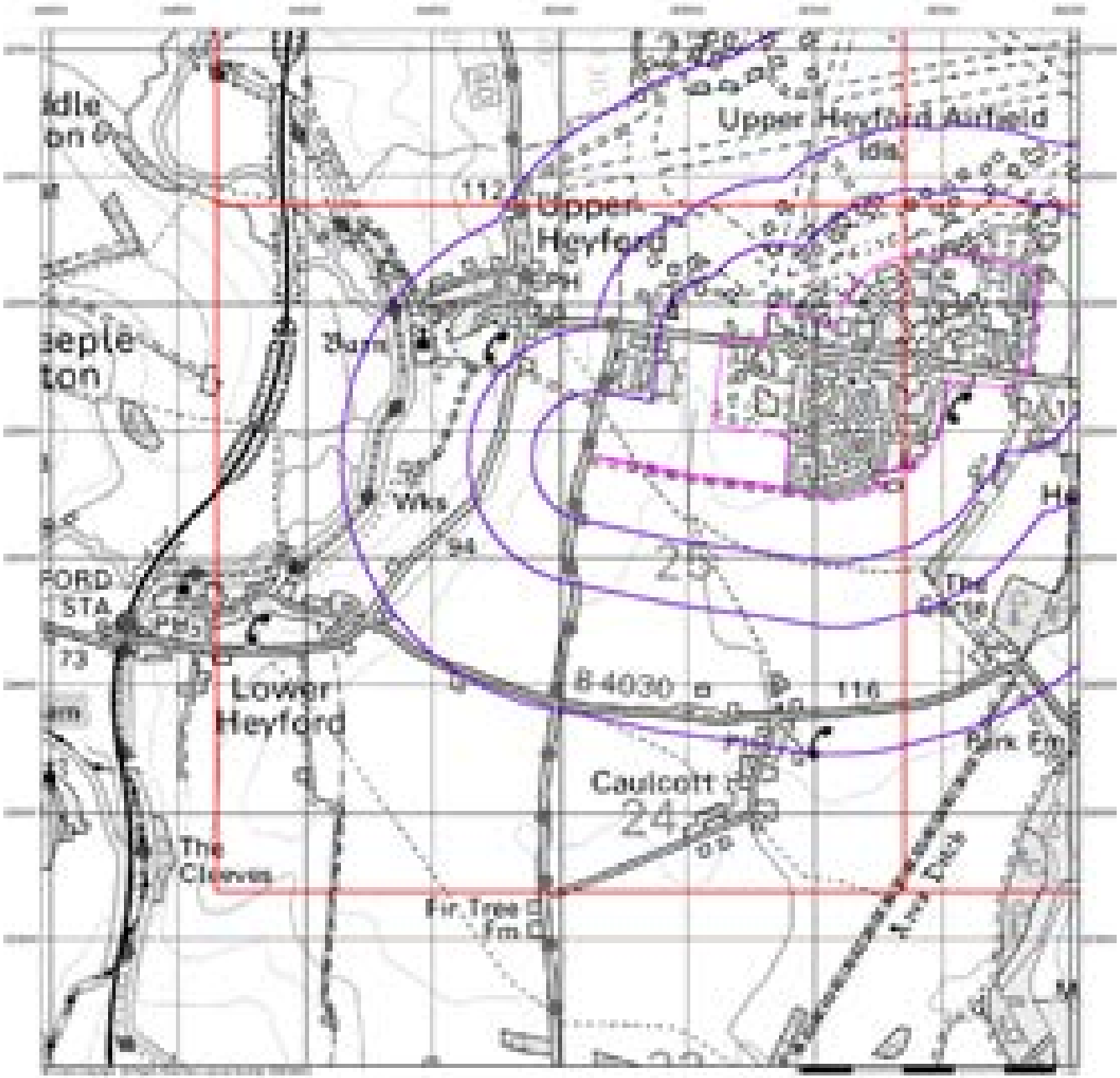
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

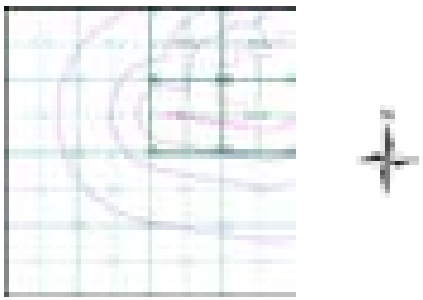


Source Protection Zones

General

Agency and Hydrological

Site Sensitivity Context Map - Slice A



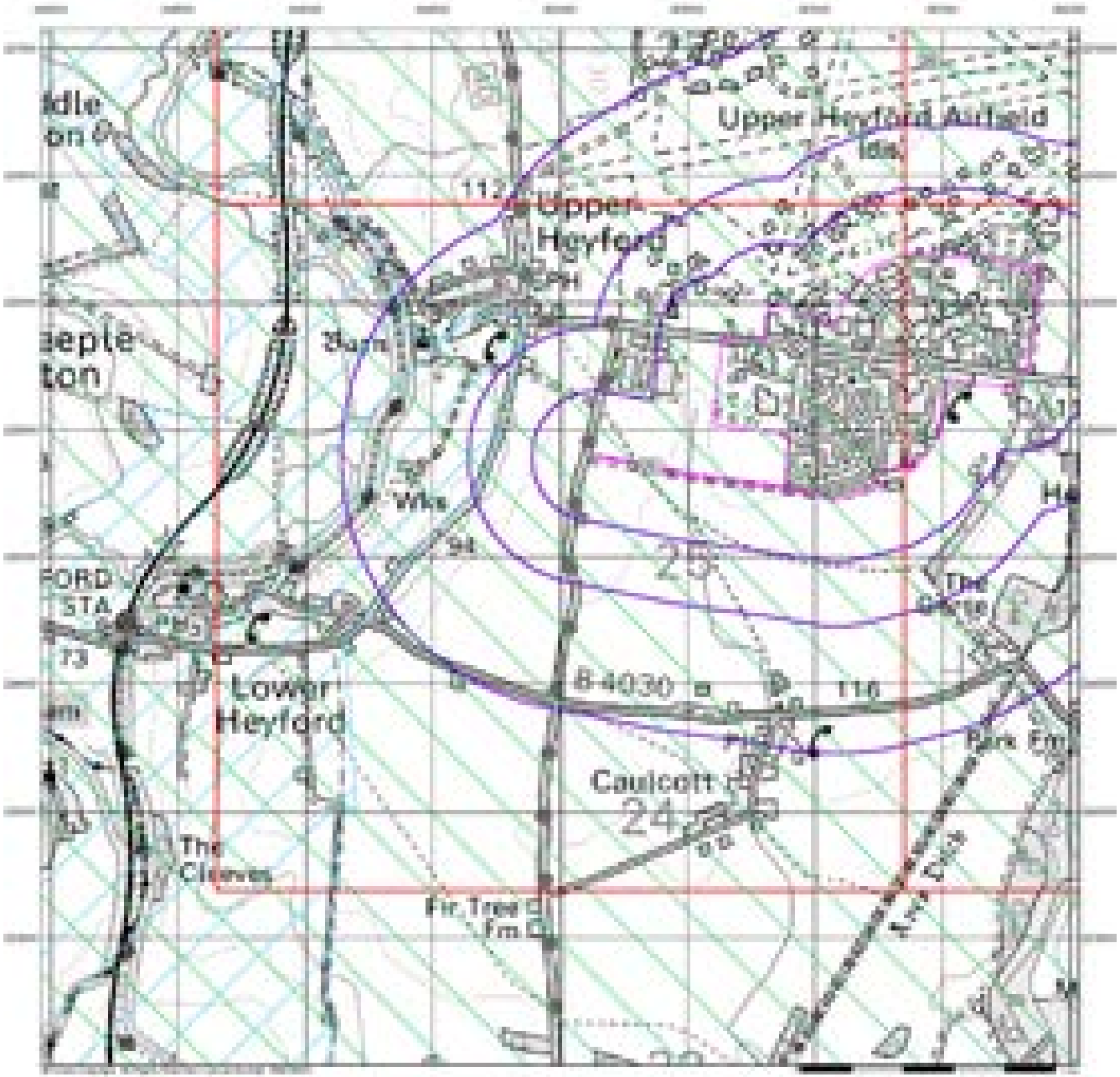
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

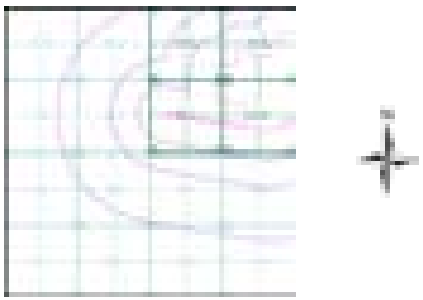


Sensitive Land Uses

General

Sensitive Land Uses

Site Sensitivity Context Map - Slice A



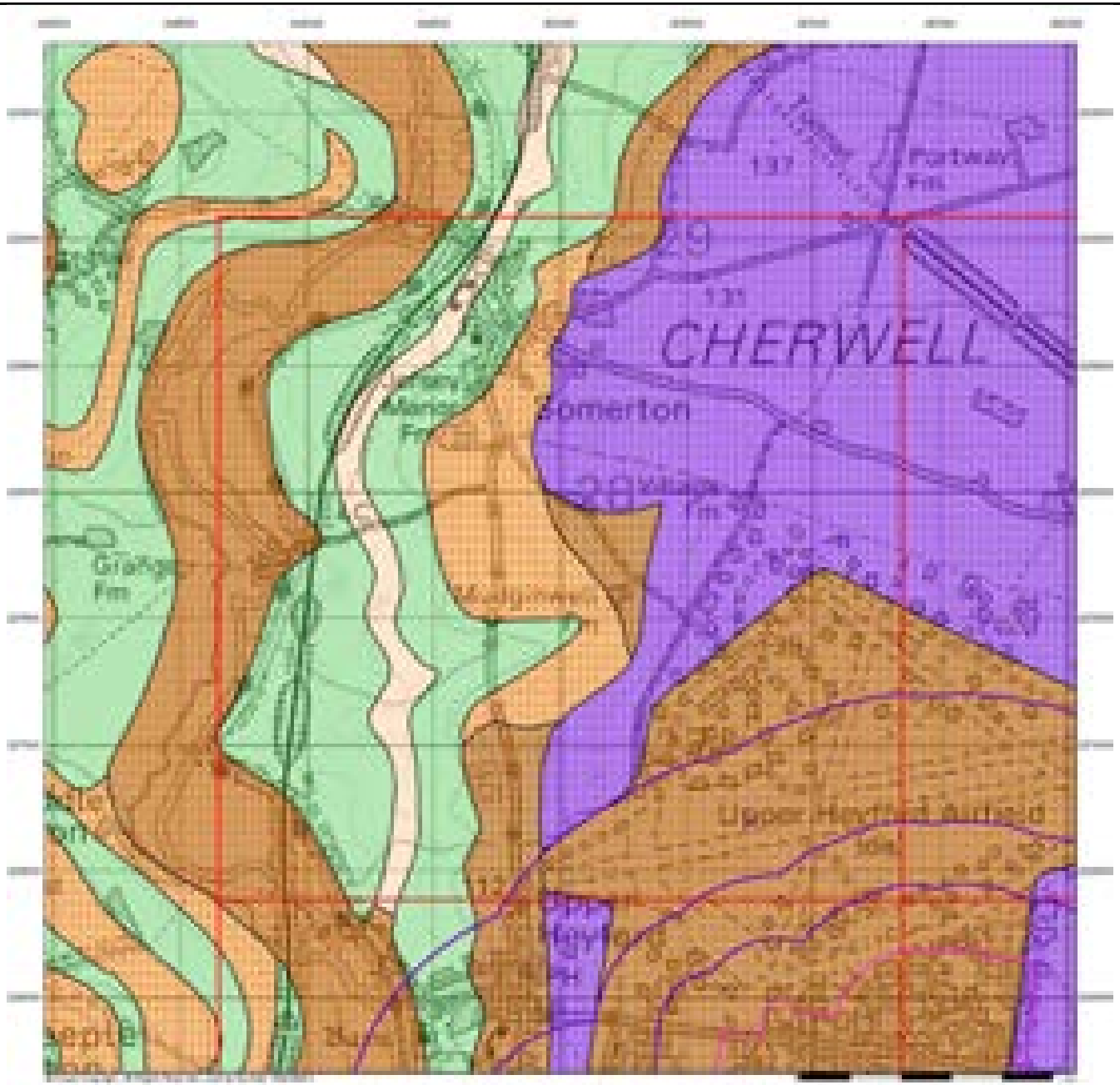
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



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Groundwater Vulnerability

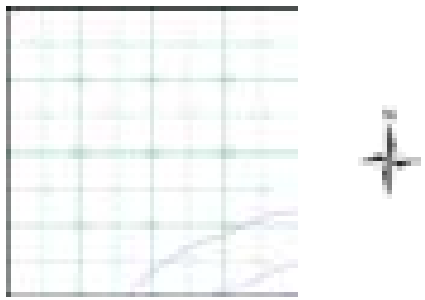
General

Agency and Hydrological

Geological Classes

Soil Classes

Site Sensitivity Context Map - Slice C



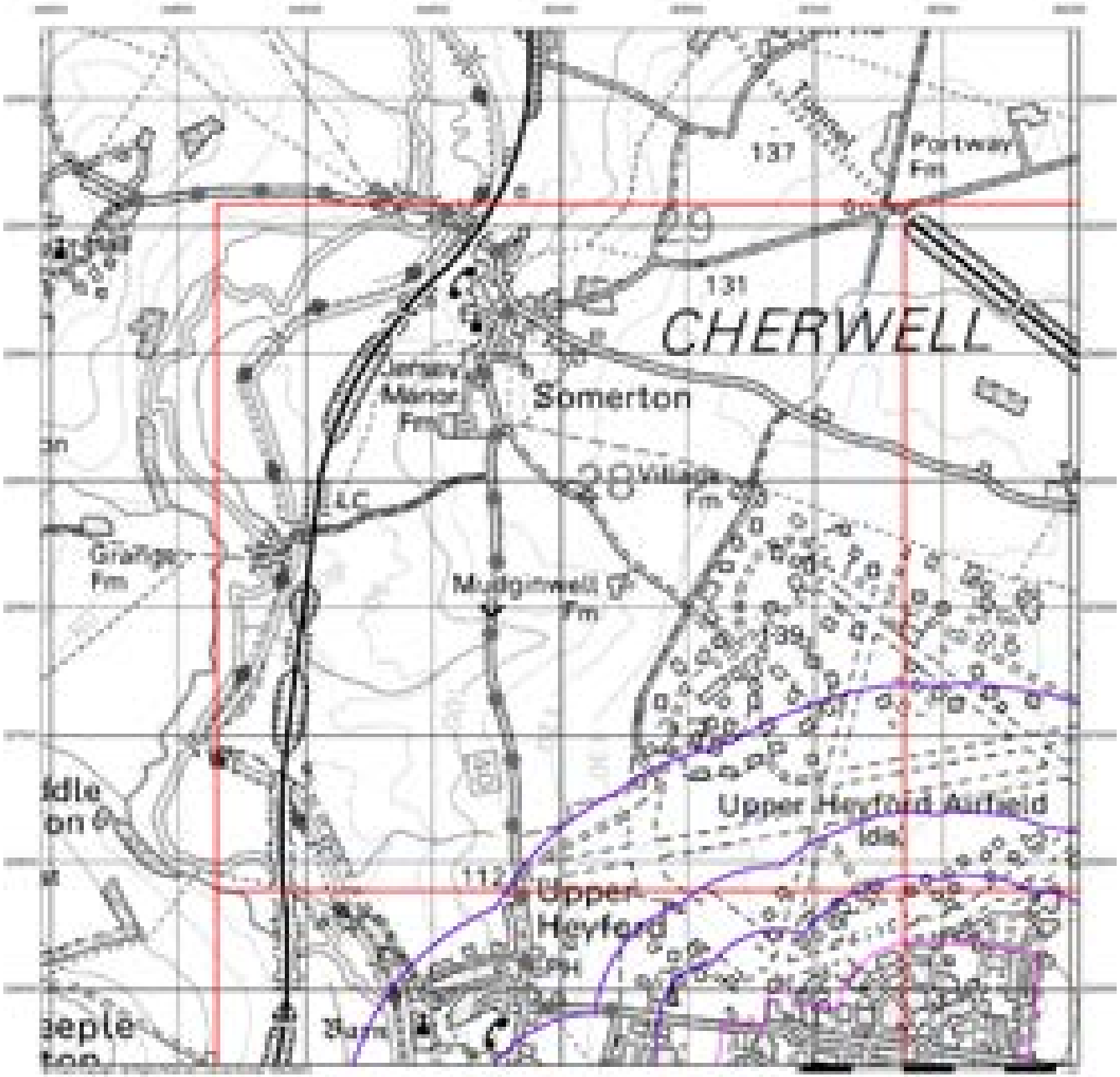
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450750, 226700
Slice:	C
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



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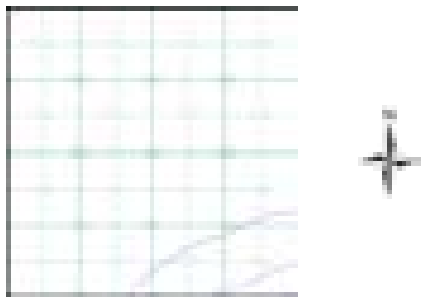
Source Protection Zones

General

Agency and Hydrological

Site Sensitivity Context Map - Slice C



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450750, 226700
Slice:	C
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

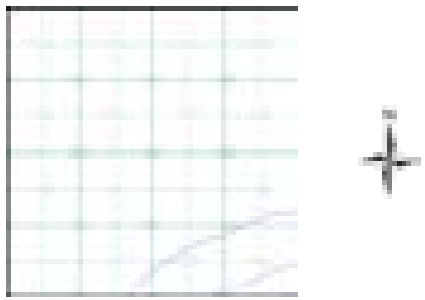
Landmark
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Sensitive Land Uses

General

Sensitive Land Uses

Site Sensitivity Context Map - Slice C



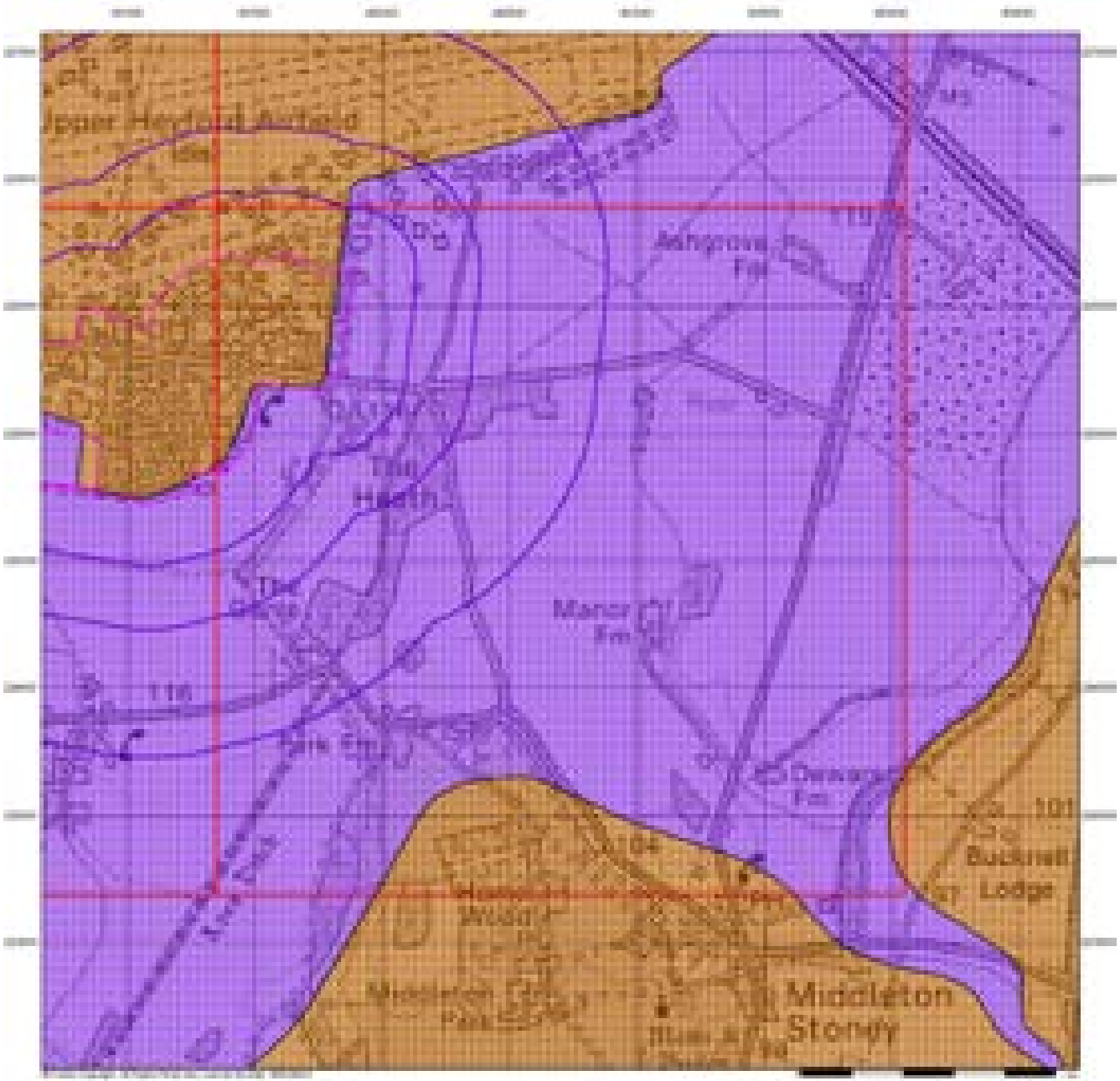
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450750, 226700
Slice:	C
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



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Groundwater Vulnerability

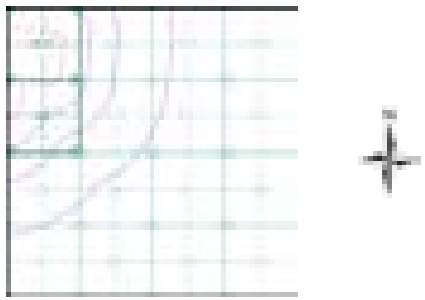
General

Agency and Hydrological

Geological Classes

Soil Classes

Site Sensitivity Context Map - Slice B



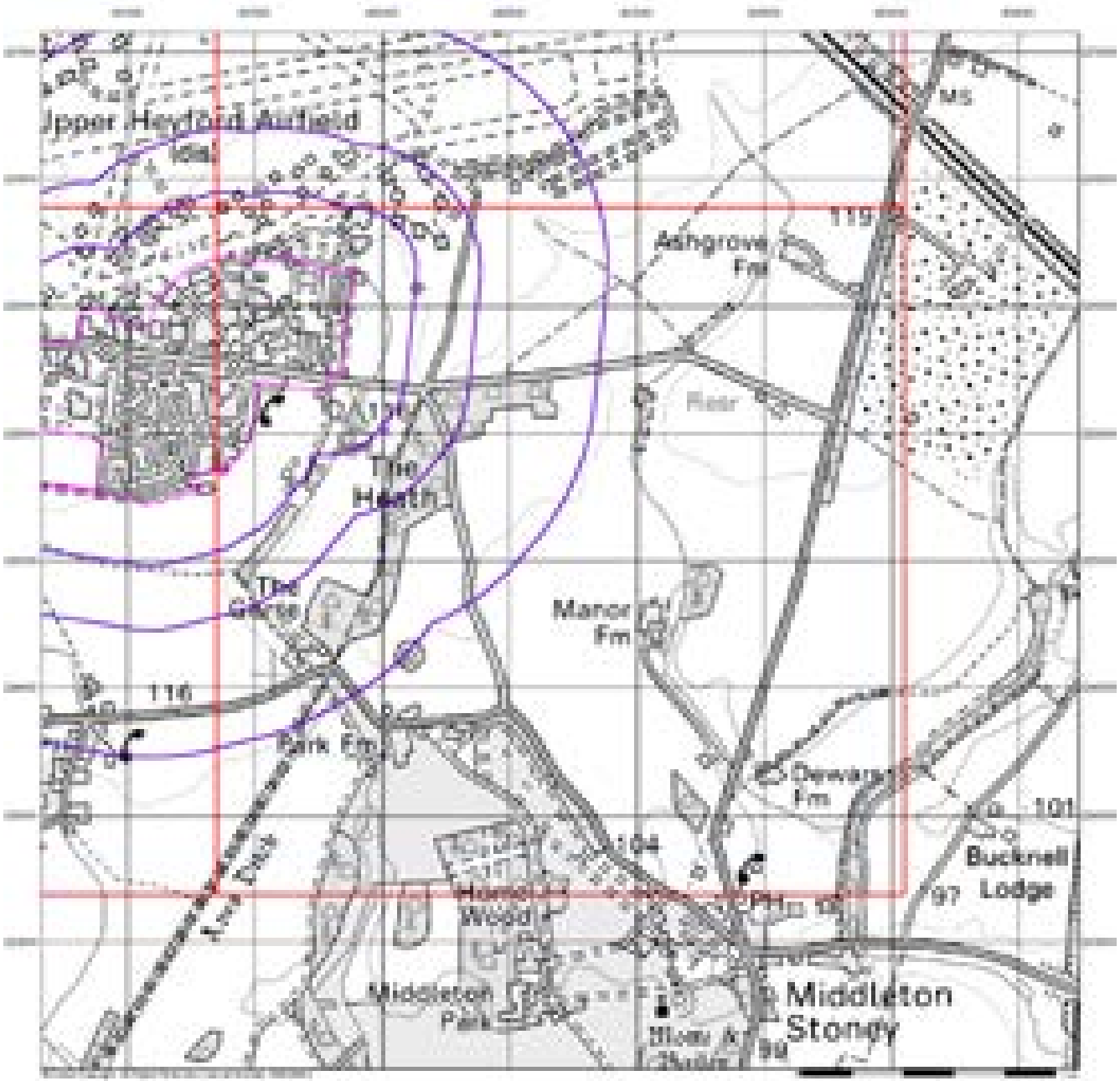
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

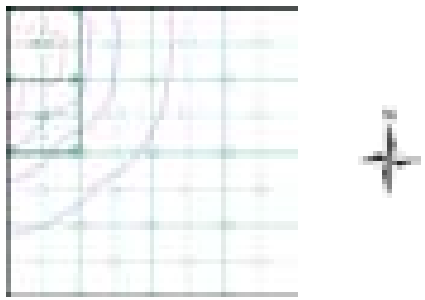


Source Protection Zones

General

Agency and Hydrological

Site Sensitivity Context Map - Slice B



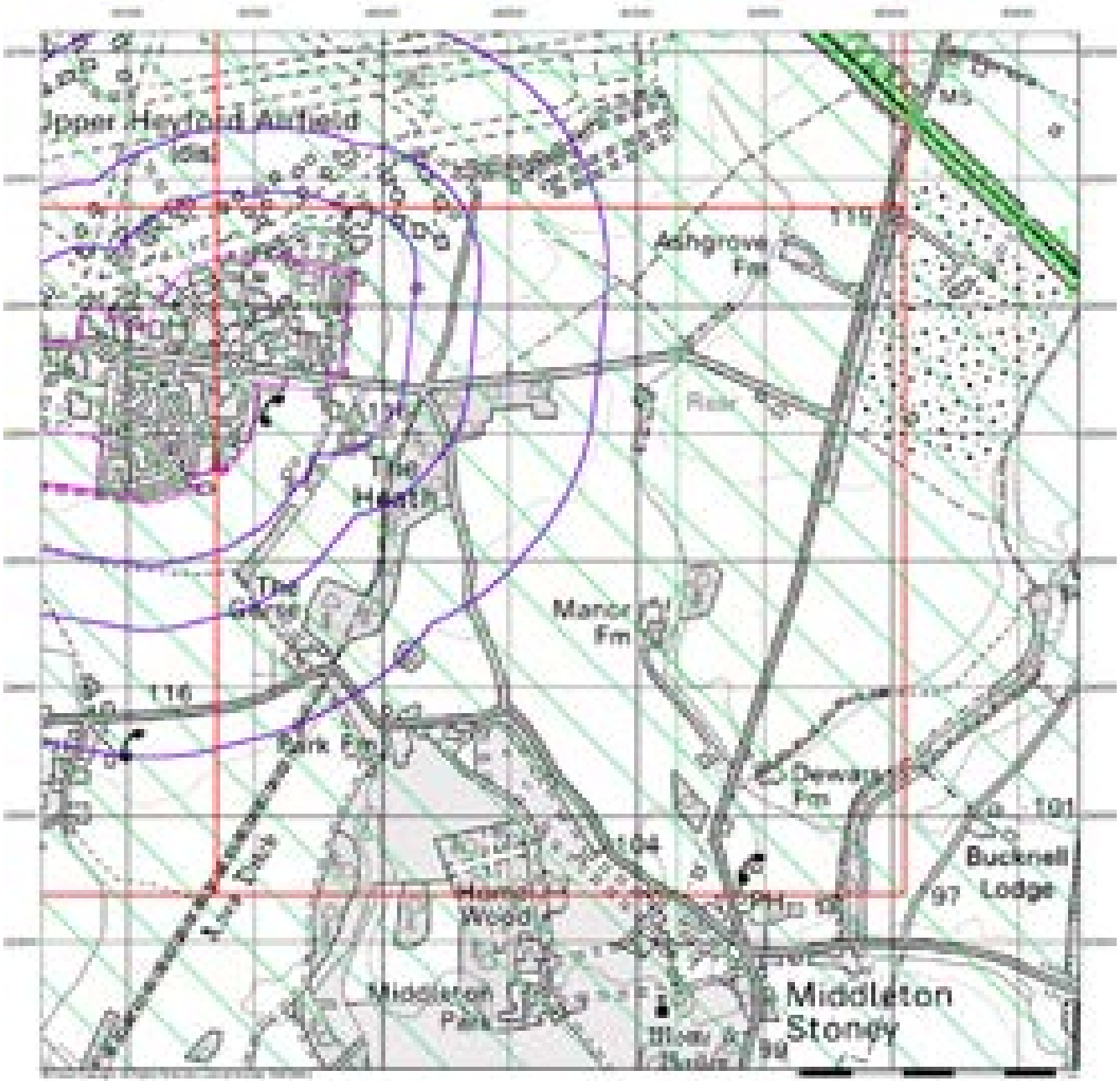
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

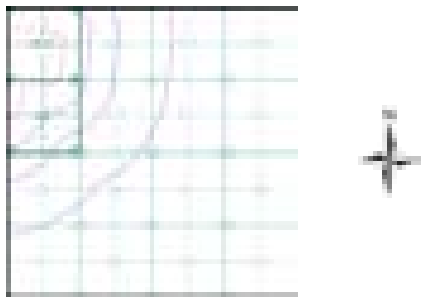


Sensitive Land Uses

General

Sensitive Land Uses

Site Sensitivity Context Map - Slice B



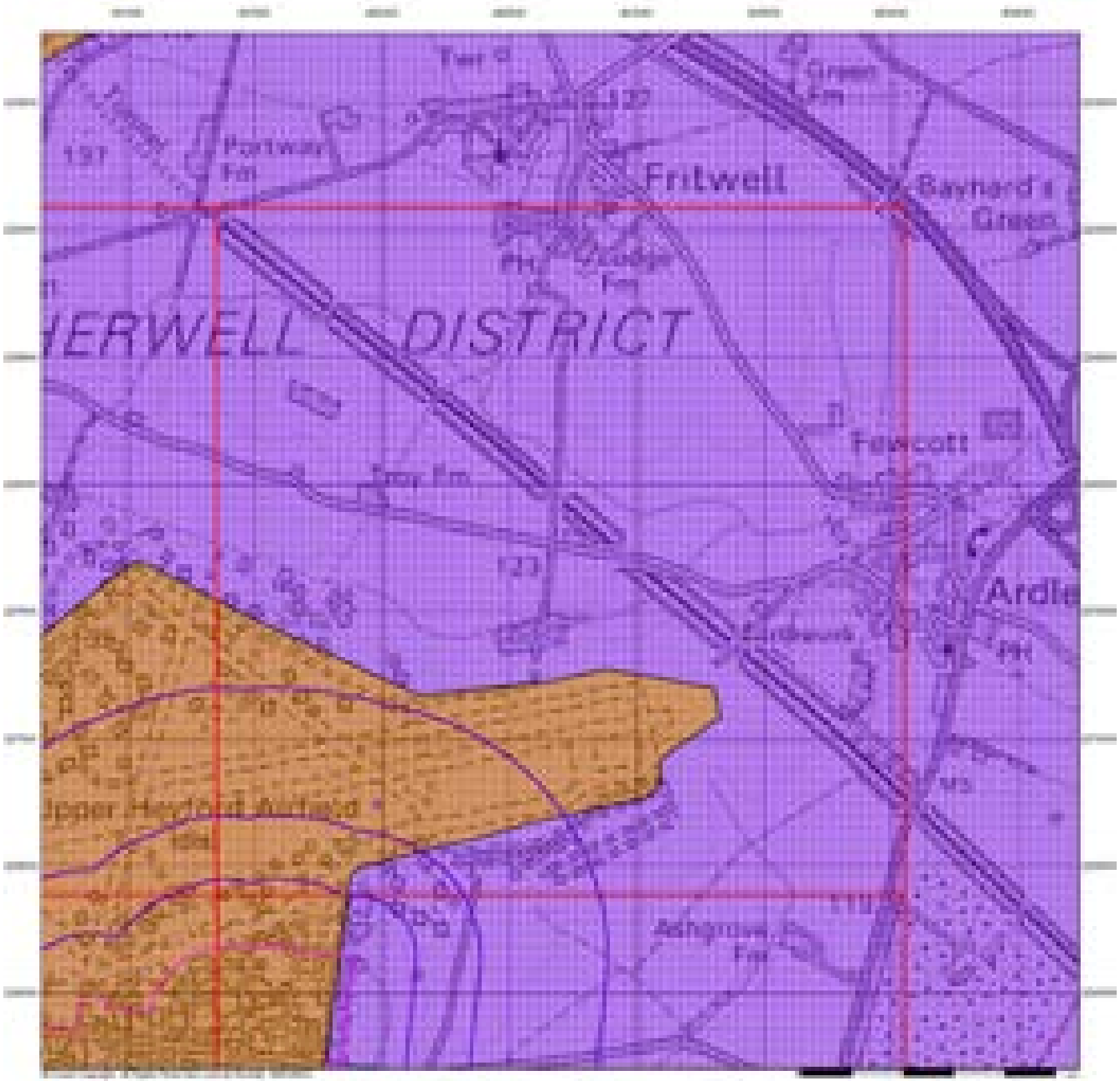
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
Search Buffer (m):	1000

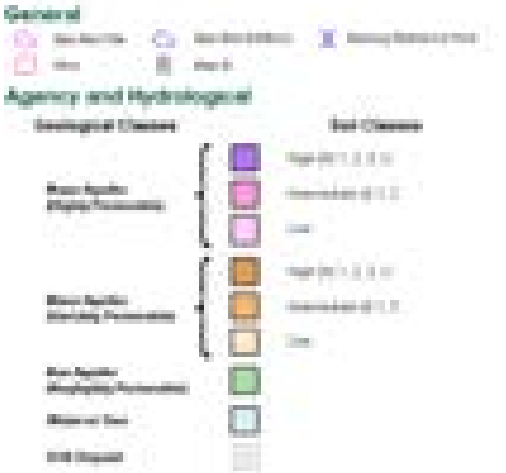
Site Details

Site at, Upper Heyford Airfield, Oxfordshire

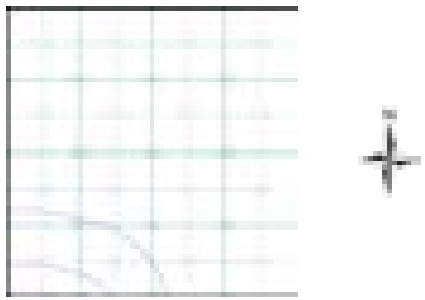
Landmark
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Groundwater Vulnerability



Site Sensitivity Context Map - Slice D



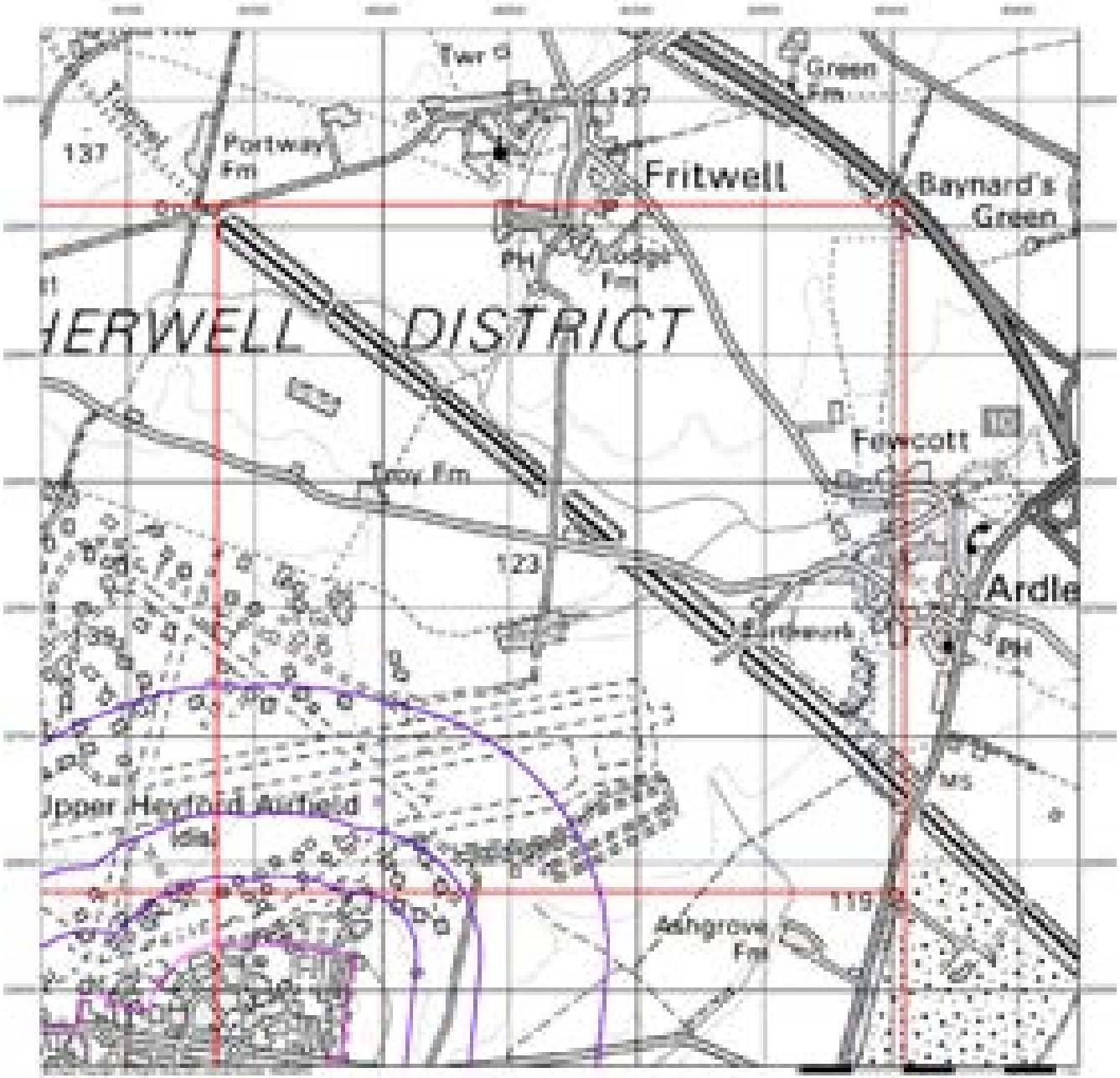
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	451980, 226740
Slice:	D
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



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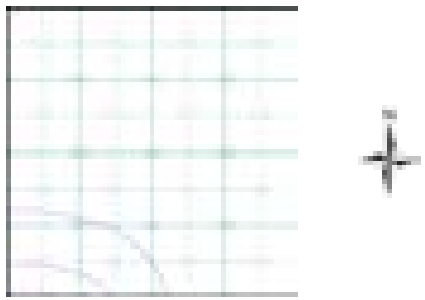
Source Protection Zones

General

Agency and Hydrological

Site Sensitivity Context Map - Slice D



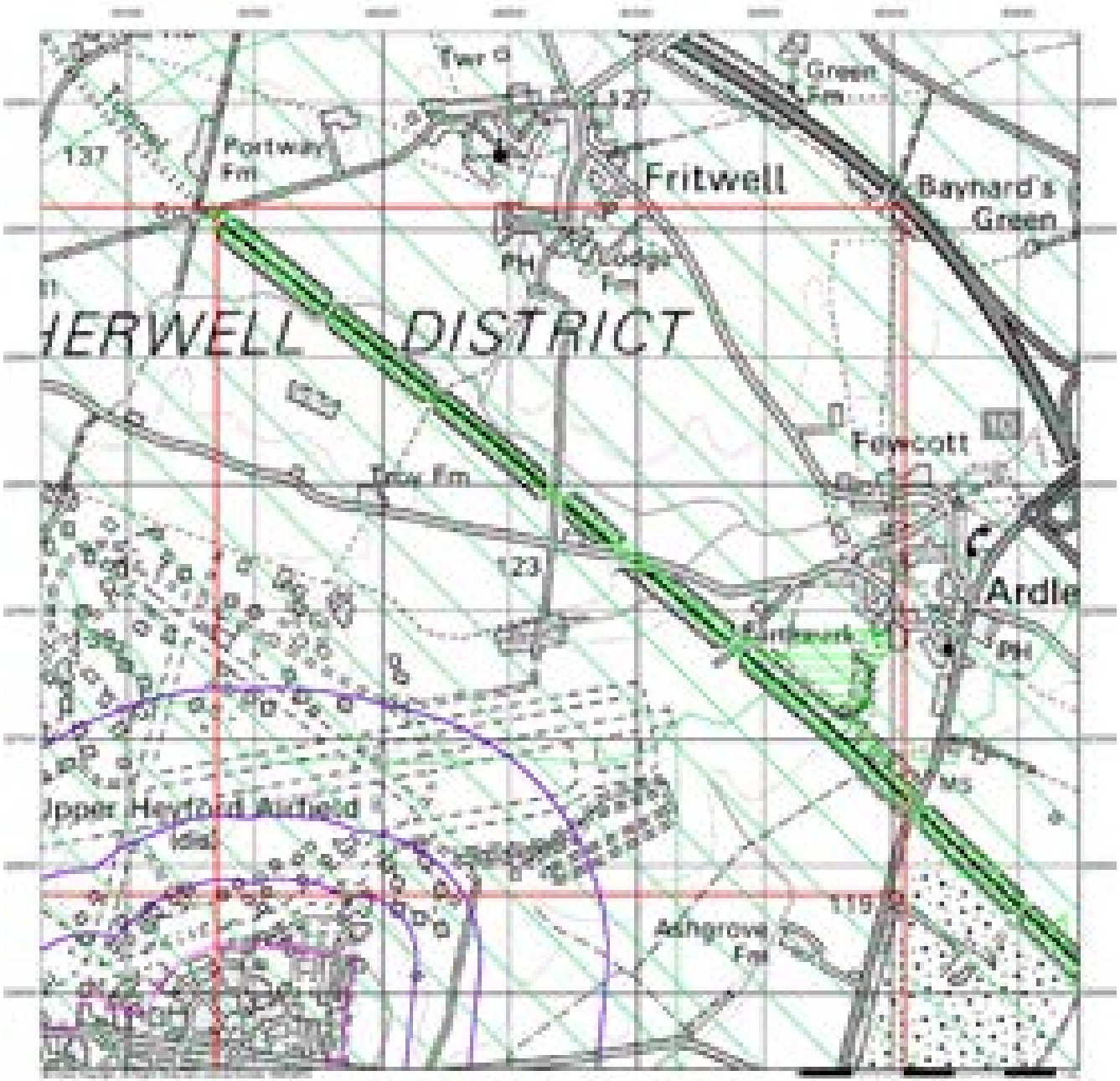
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	451980, 226740
Slice:	D
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



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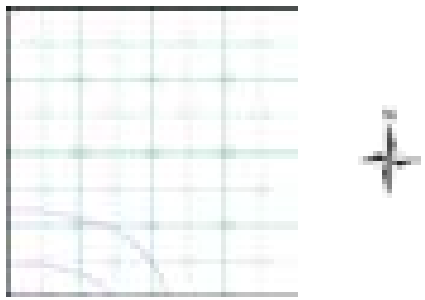
Sensitive Land Uses

General

Sensitive Land Uses

Site Sensitivity Context Map - Slice D



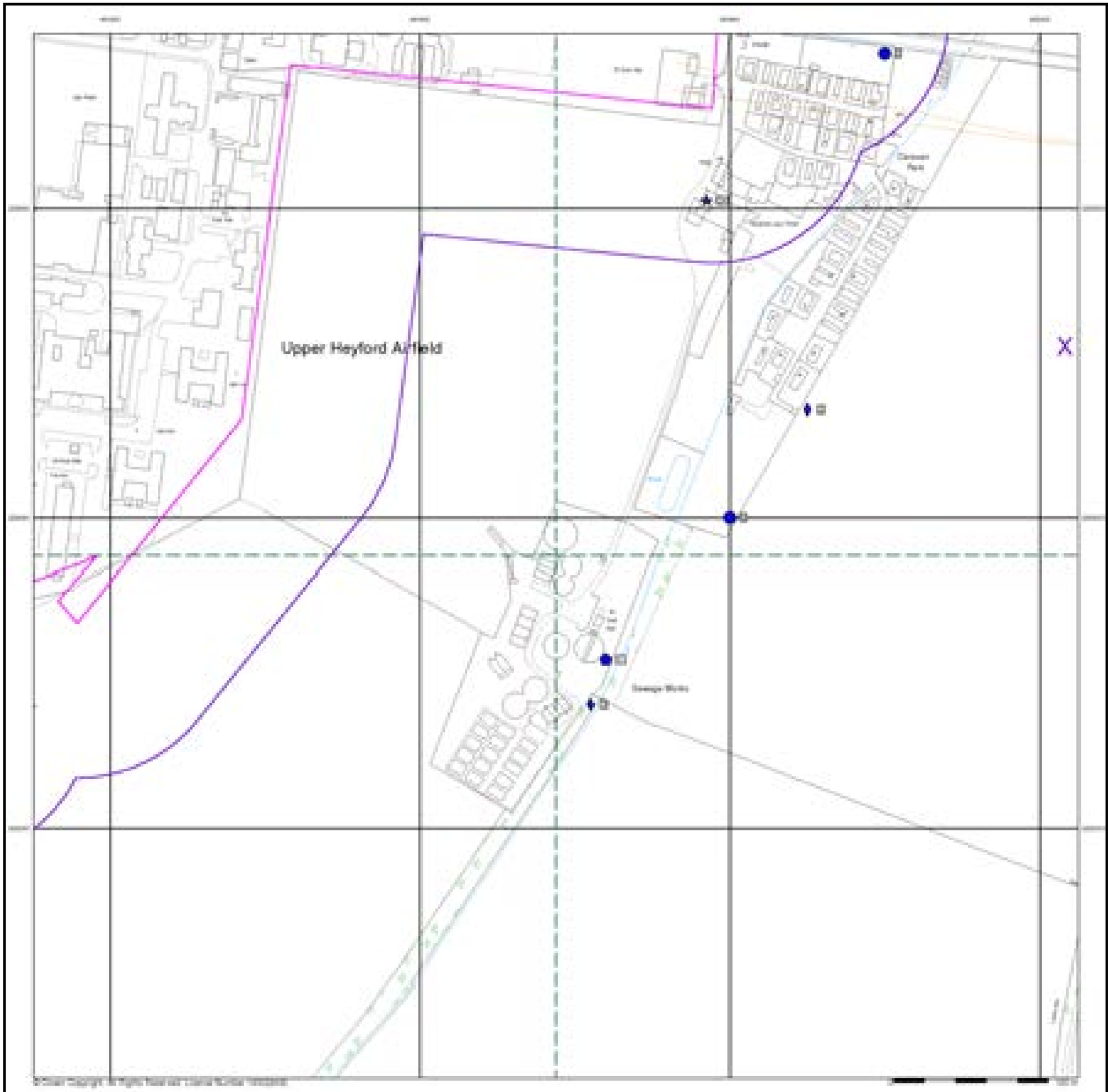
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	451980, 226740
Slice:	D
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



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General

Agency and Hydrological

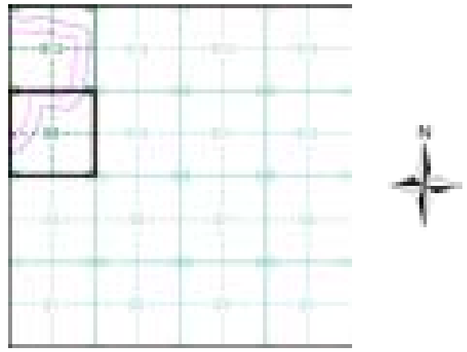
Waste

Geological

Hazardous Substances

Industrial Land Use

Site Sensitivity Map - Segment B9



Order Details

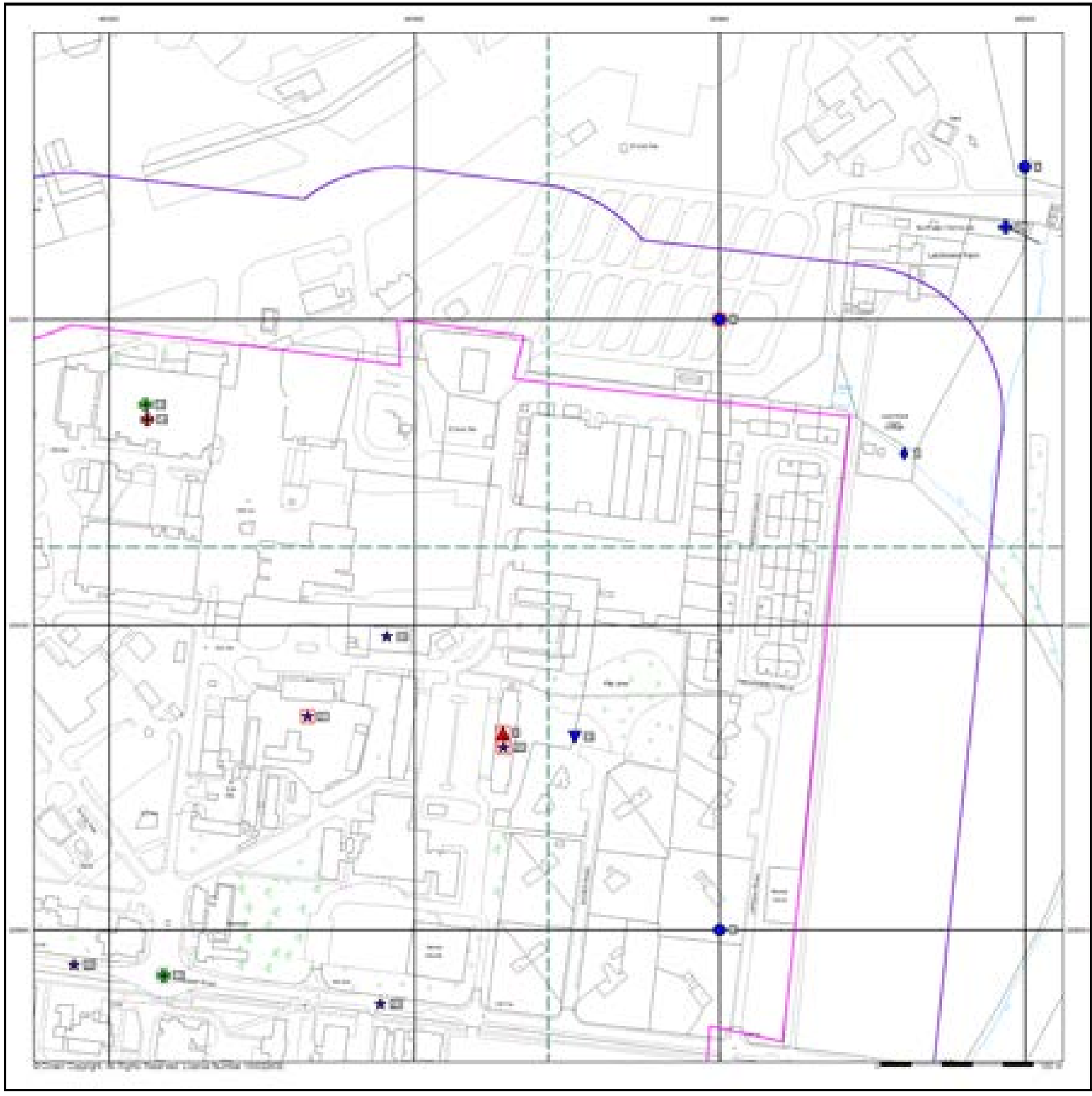
Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
Plot Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Landmark

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



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General

Agency and Hydrological

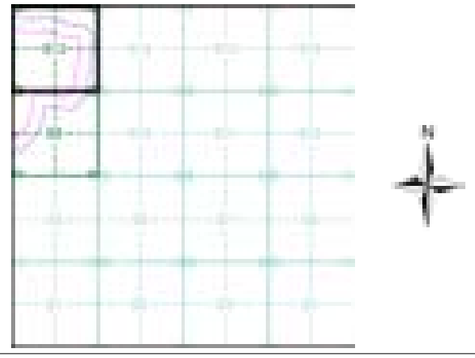
Waste

Geological

Industrial Land Use

Hazardous Substances

Site Sensitivity Map - Segment B13



Order Details

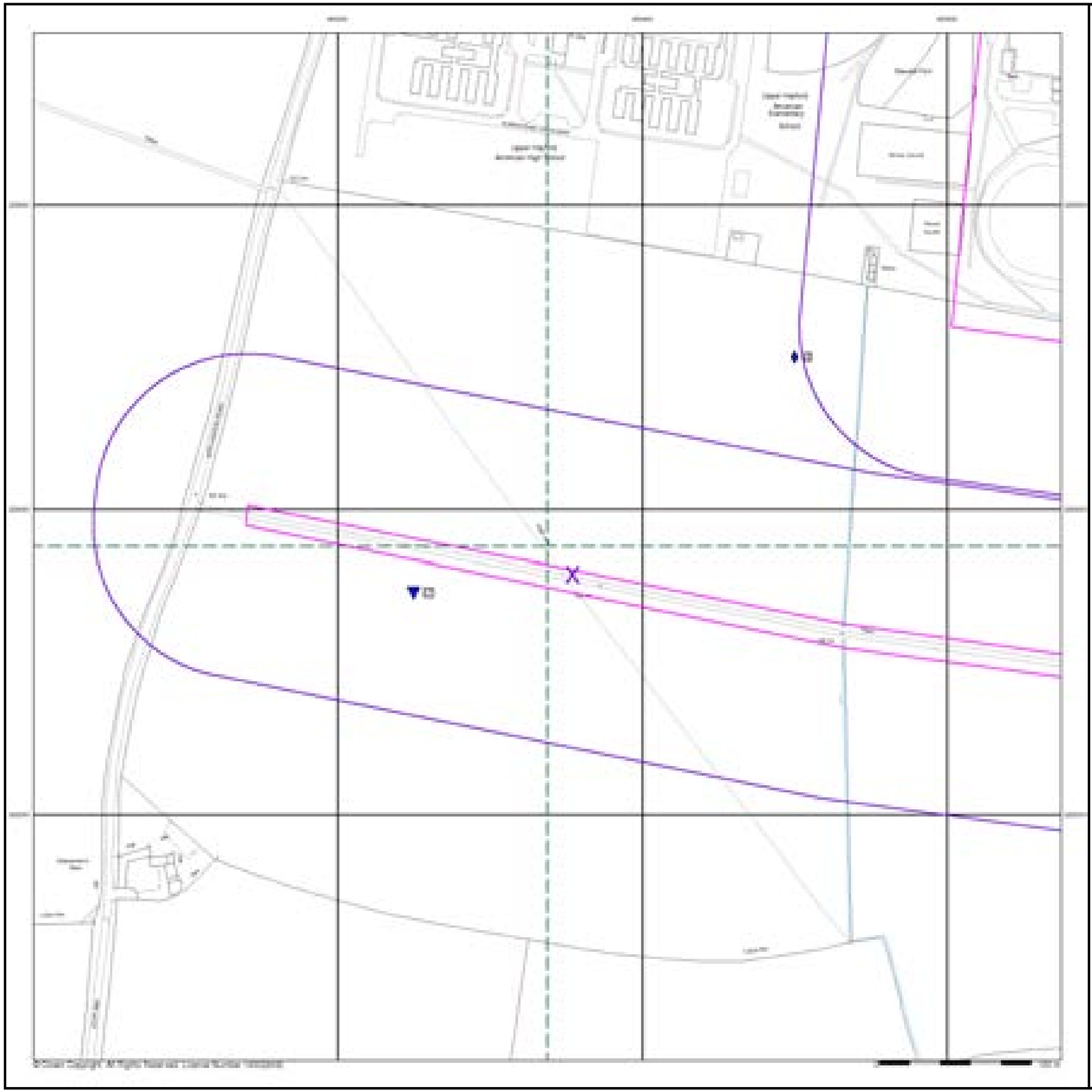
Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
Plot Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Landmark

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



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General

Agency and Hydrological

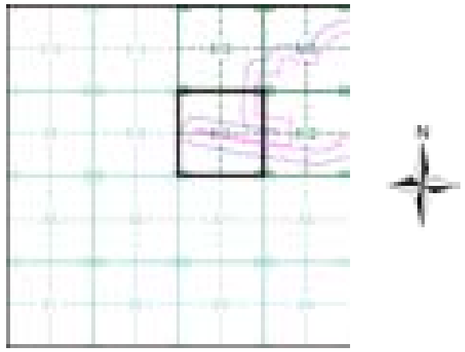
Waste

Geological

Hazardous Substances

Industrial Land Use

Site Sensitivity Map - Segment A11



Order Details

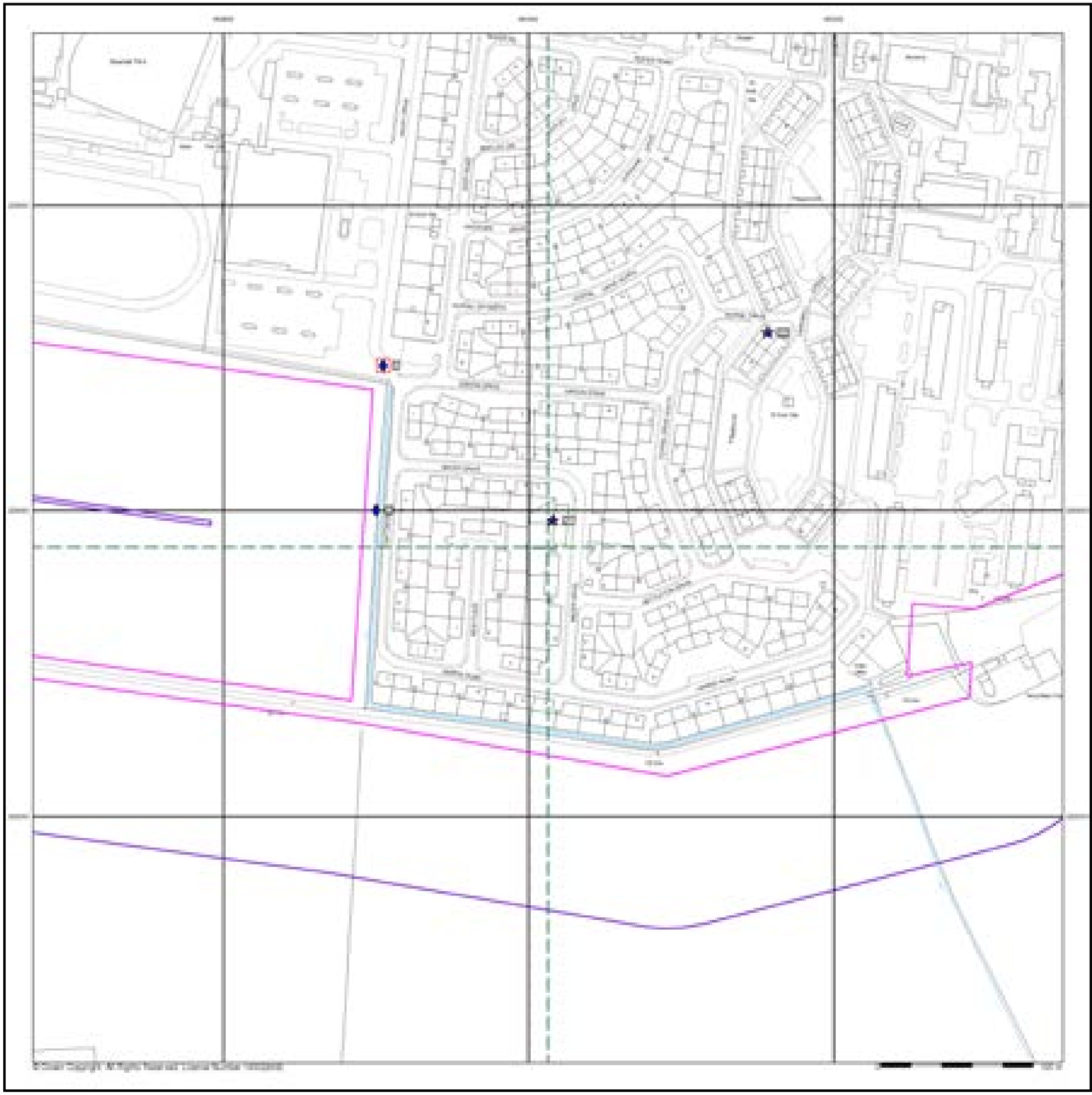
Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Plot Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Landmark

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



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General

Agency and Hydrological

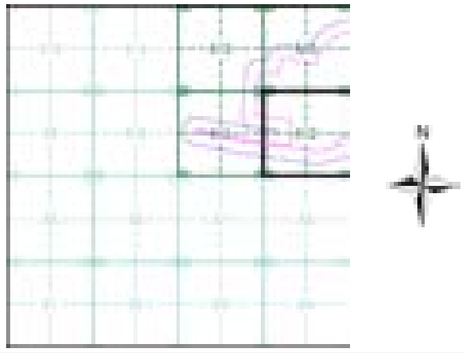
Waste

Geological

Hazardous Substances

Industrial Land Use

Site Sensitivity Map - Segment A12



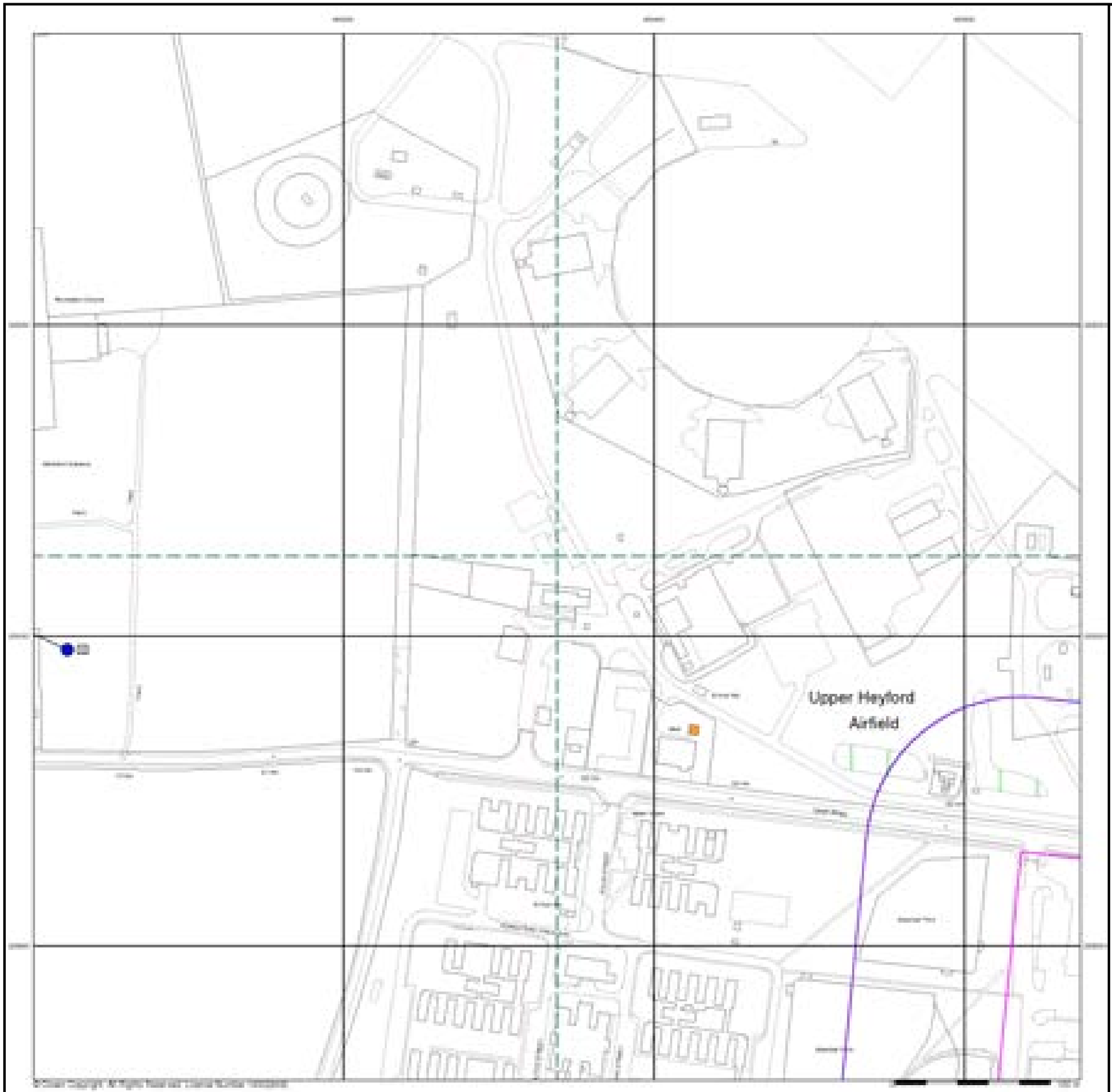
Order Details

Order Number: 31993967_1_1
Customer Ref: 10658
National Grid Reference: 450350, 225360
Slice: A
Site Area (Ha): 76.28
Plot Buffer (m): 100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



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General

Agency and Hydrological

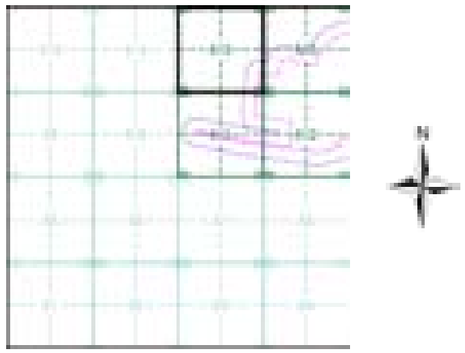
Waste

Geological

Hazardous Substances

Industrial Land Use

Site Sensitivity Map - Segment A15



Order Details

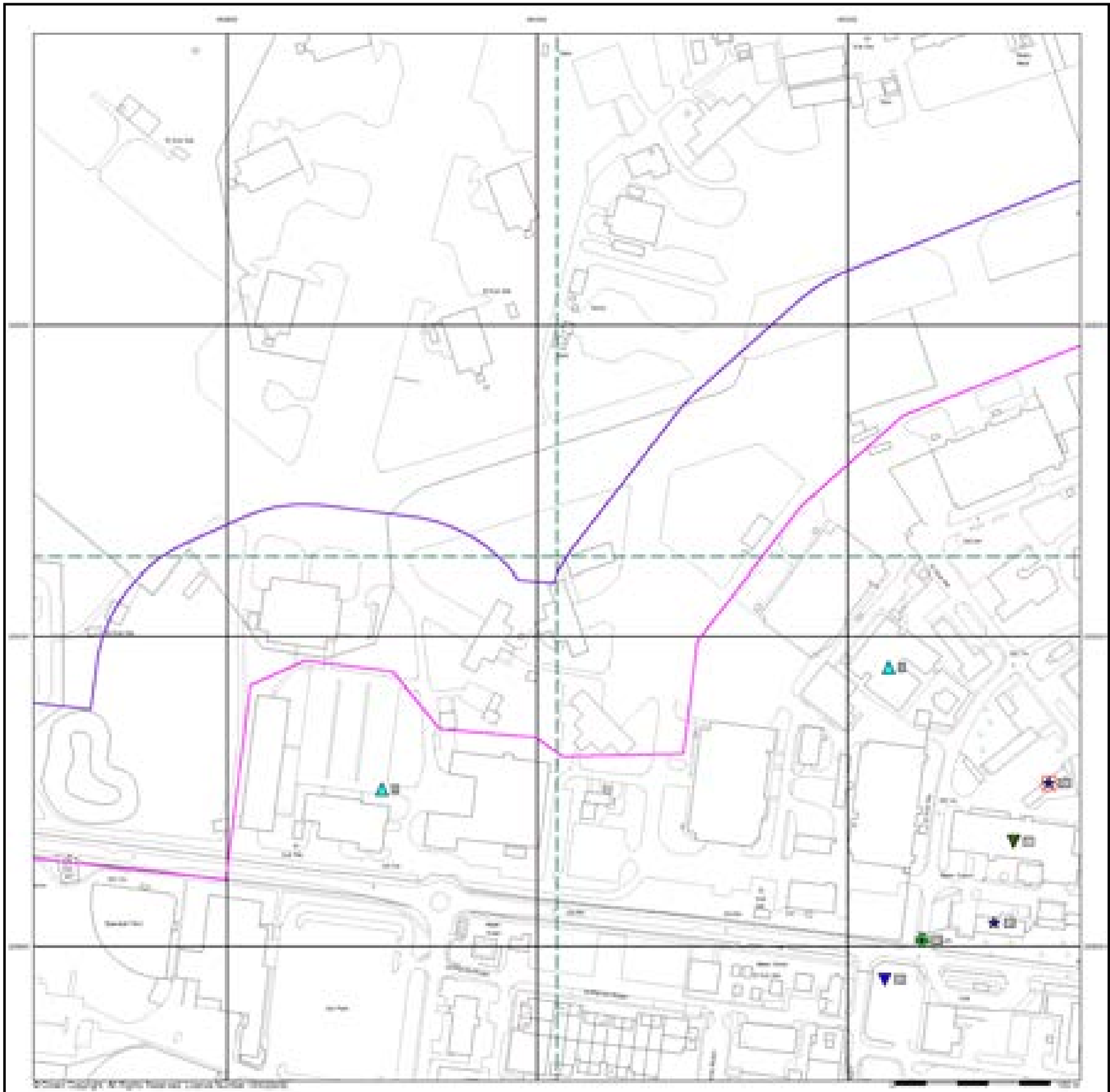
Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Plot Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Landmark

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



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General

Agency and Hydrological

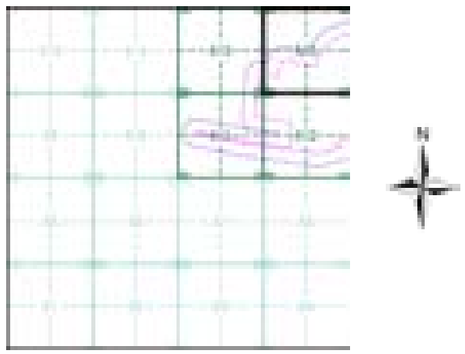
Waste

Geological

Hazardous Substances

Industrial Land Use

Site Sensitivity Map - Segment A16



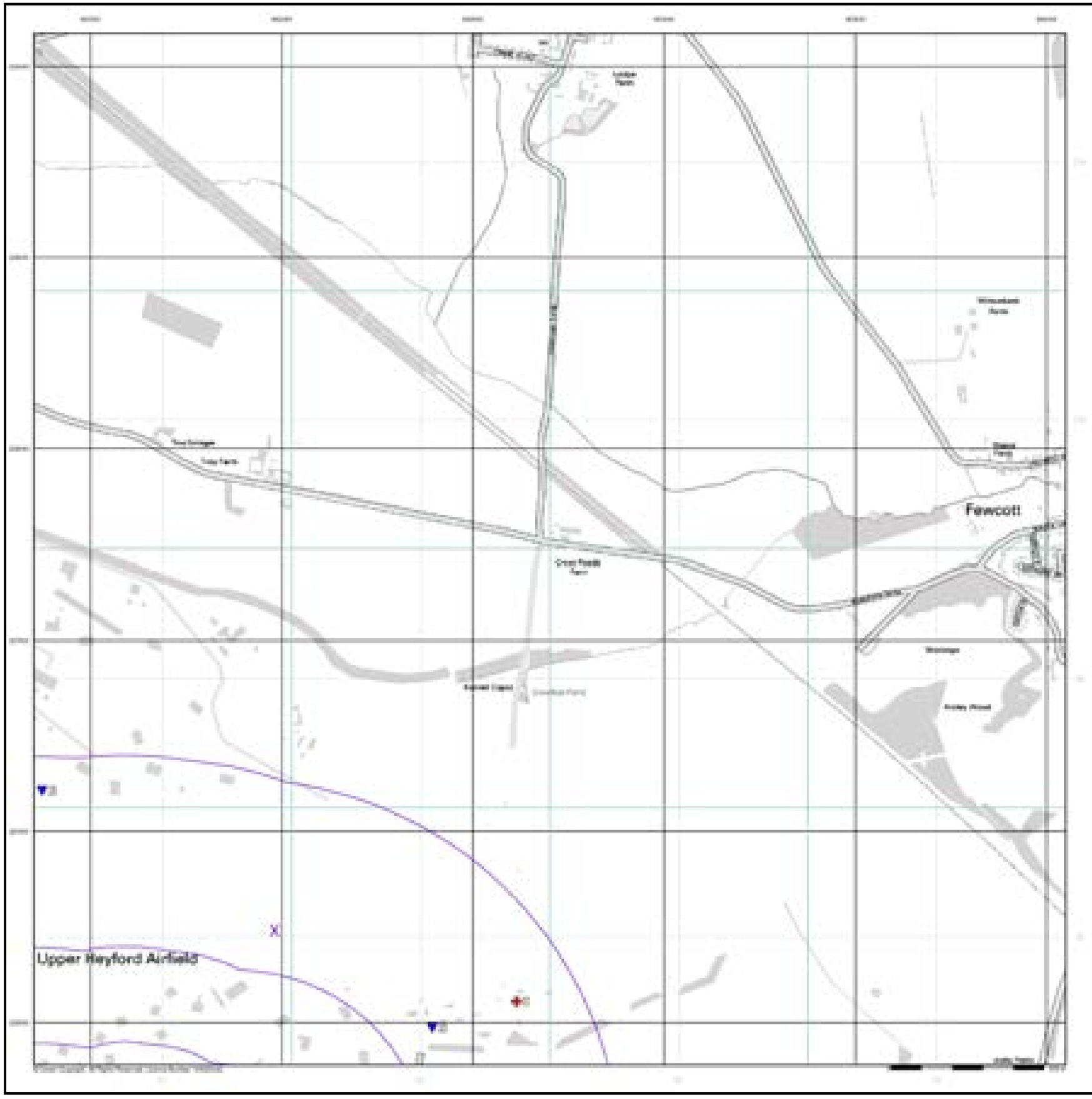
Order Details

Order Number: 31993967_1_1
Customer Ref: 10658
National Grid Reference: 450350, 225360
Slice: A
Site Area (Ha): 76.28
Plot Buffer (m): 100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



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General

Agency and Hydrological

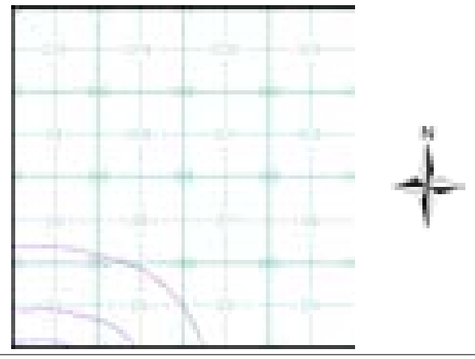
Waste

Geological

Hazardous Substances

Industrial Land Use

Site Sensitivity Map - Slice D



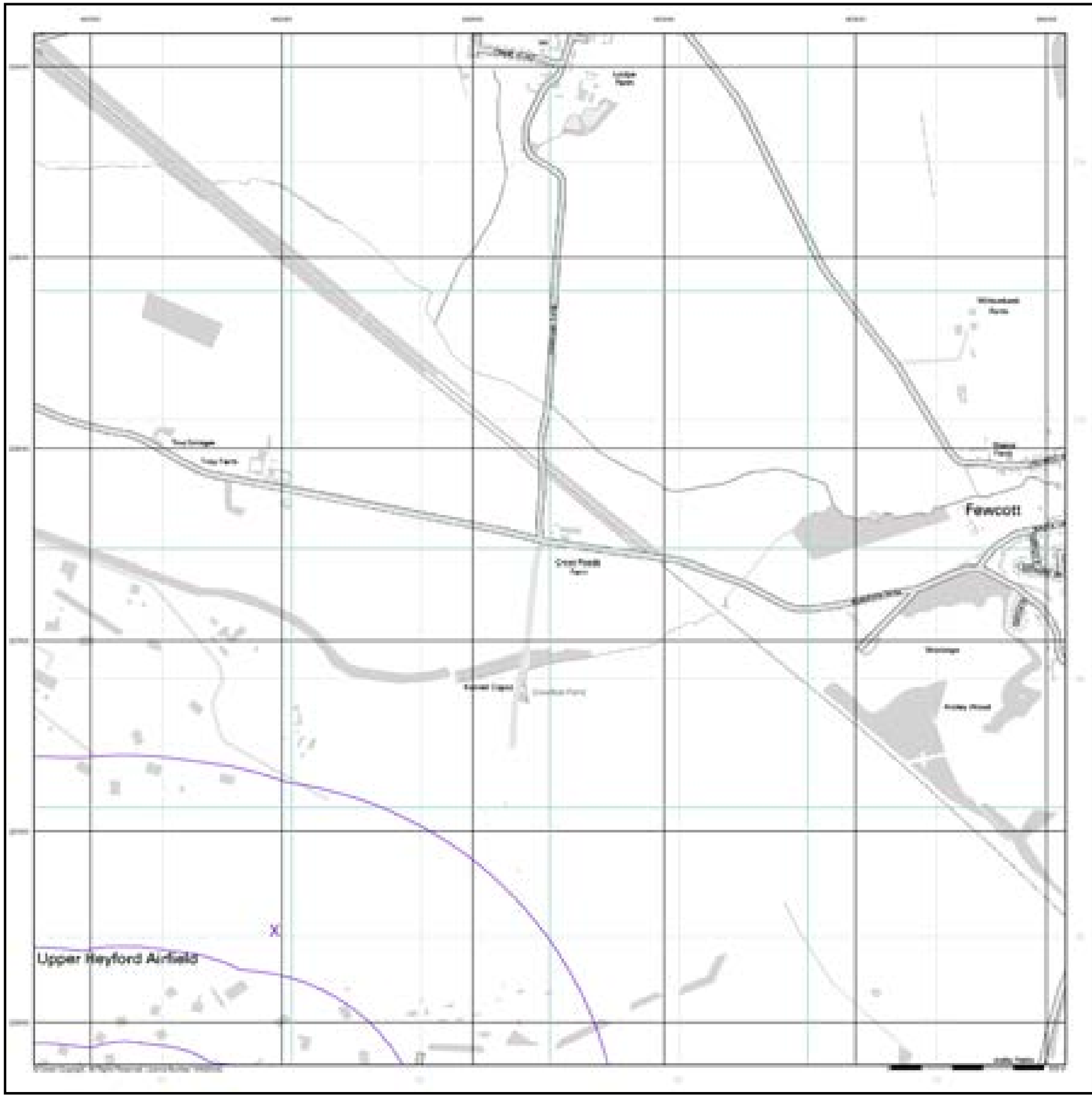
Order Details

Order Number: 31993967_1_1
Customer Ref: 10658
National Grid Reference: 451980, 226740
Slice: D
Site Area (Ha): 76.28
Search Buffer (m): 1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



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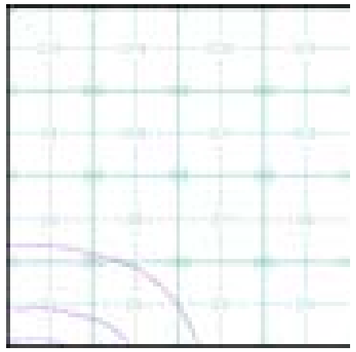
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice D



Order Details

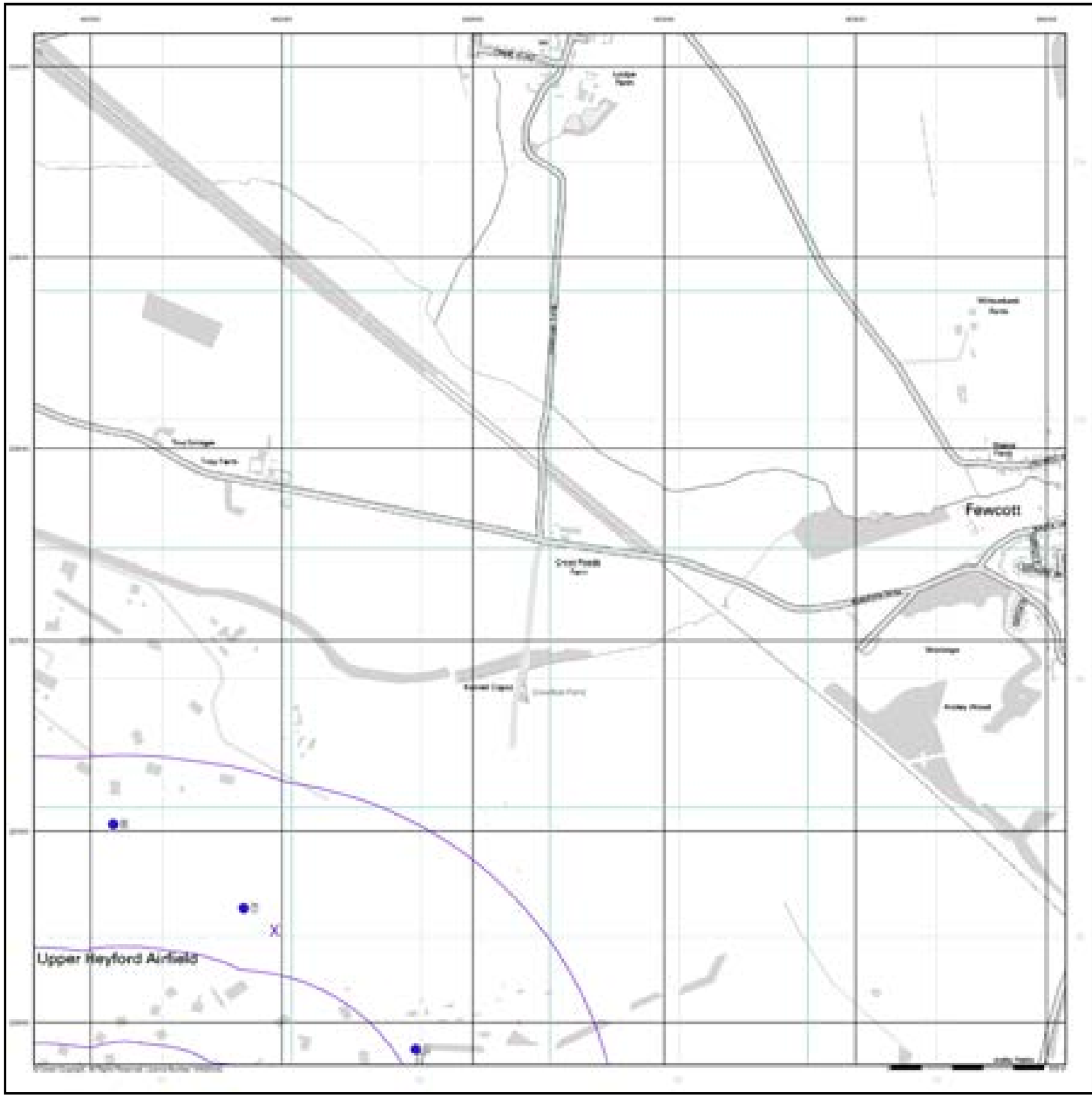
Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	451980, 226740
Slice:	D
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Landmark

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



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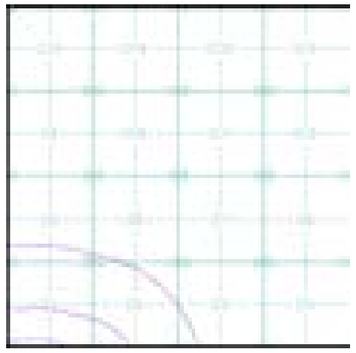
General

Agency and Hydrological (Boreholes)

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

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

Borehole Map - Slice D



Order Details

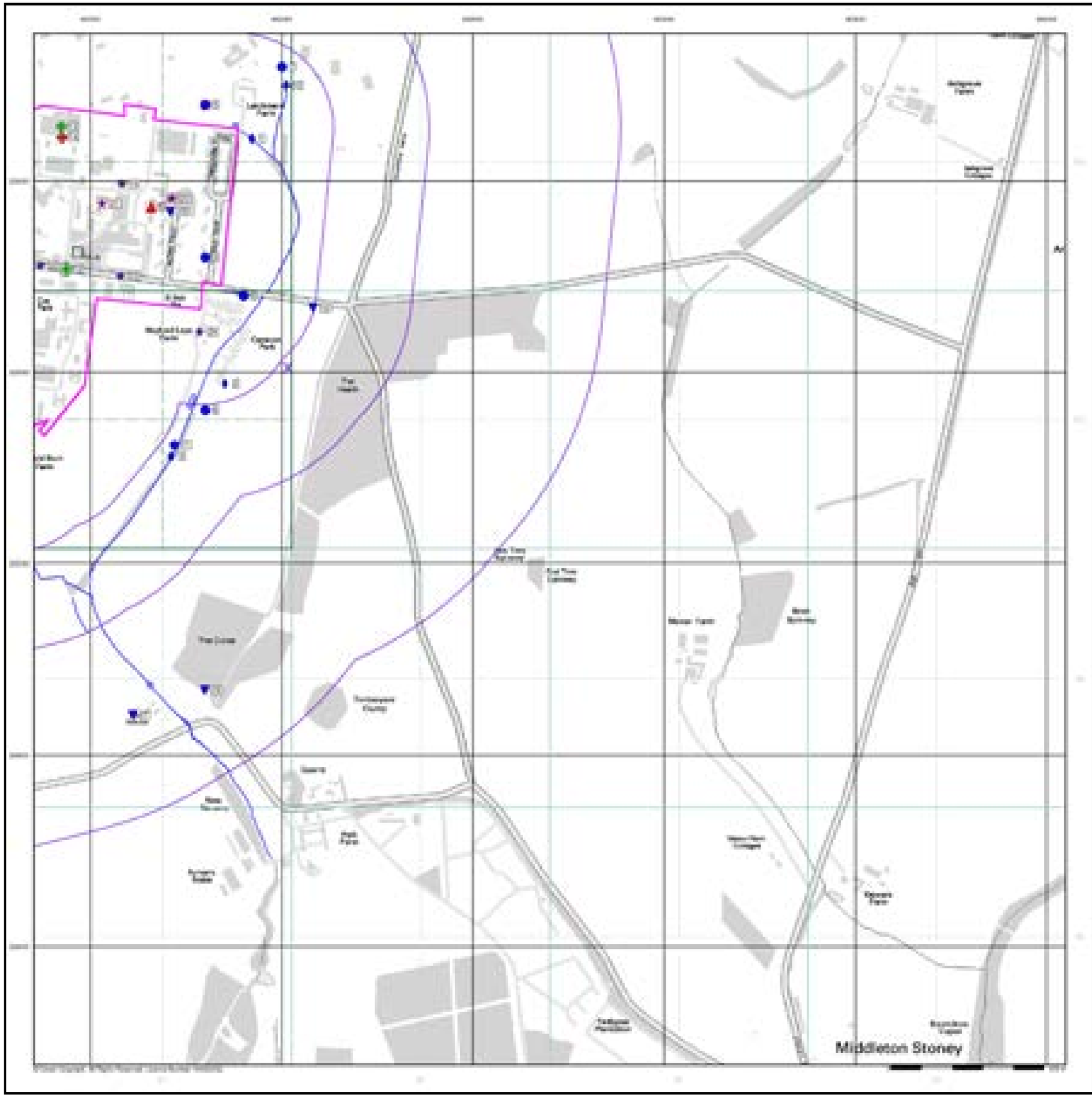
Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	451980, 226740
Slice:	D
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Landmark

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



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General

Agency and Hydrological

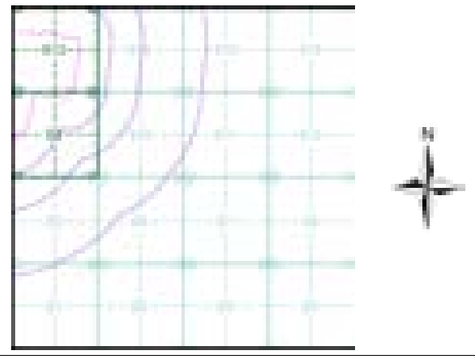
Waste

Geological

Industrial Land Use

Hazardous Substances

Site Sensitivity Map - Slice B



Order Details

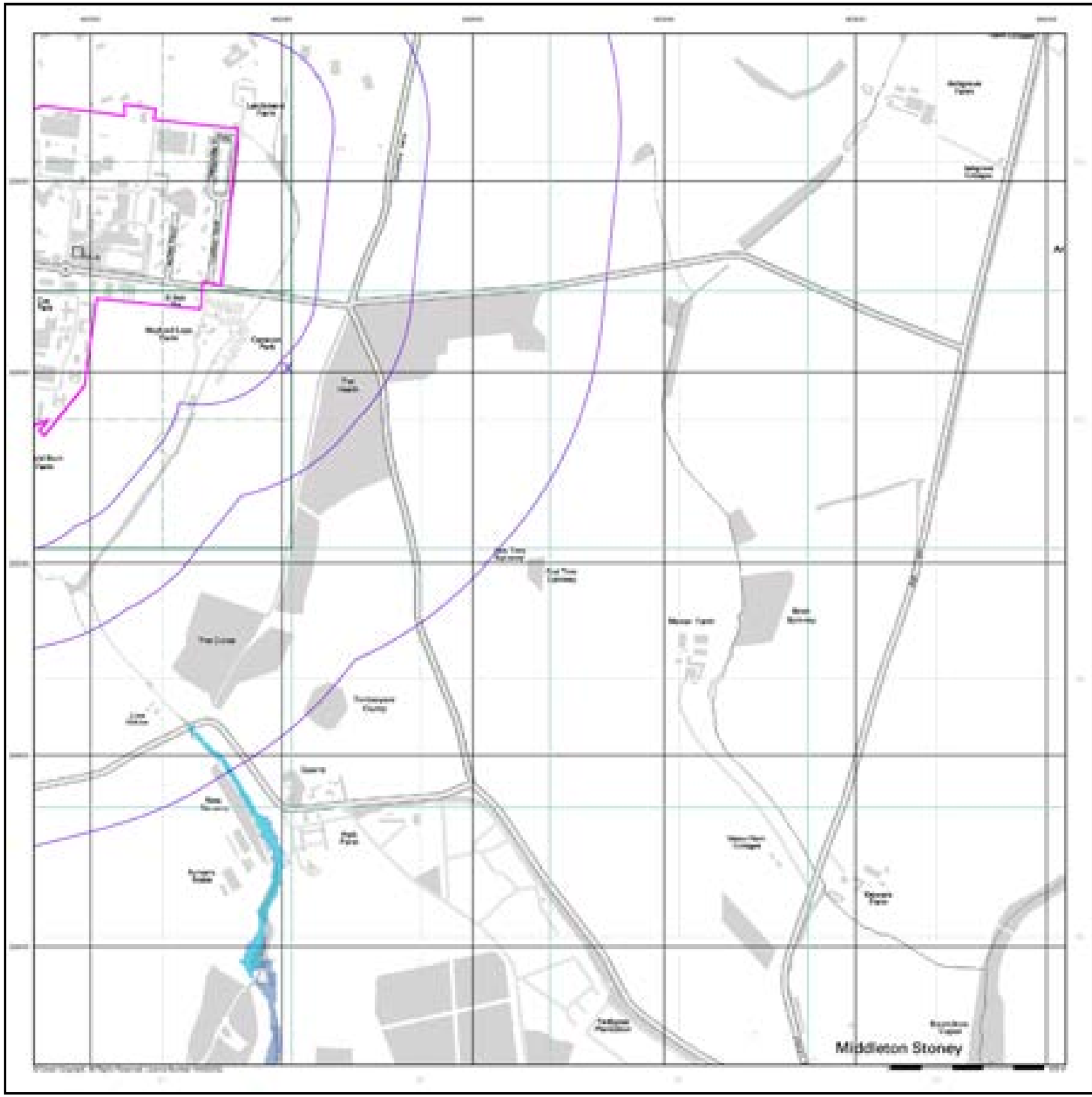
Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Landmark

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



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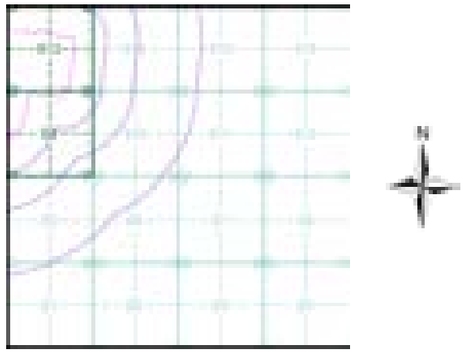
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice B



Order Details

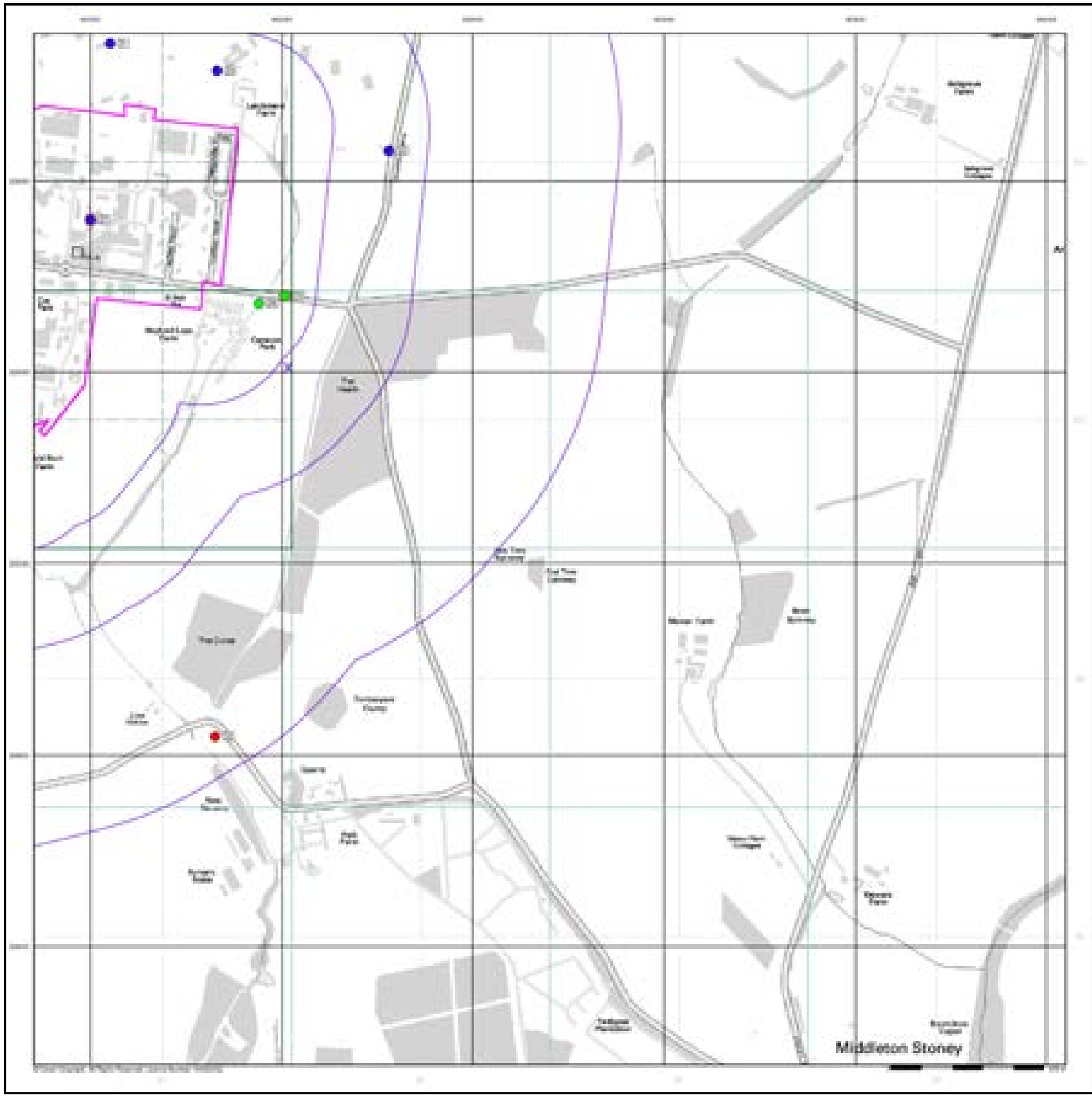
Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Landmark

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



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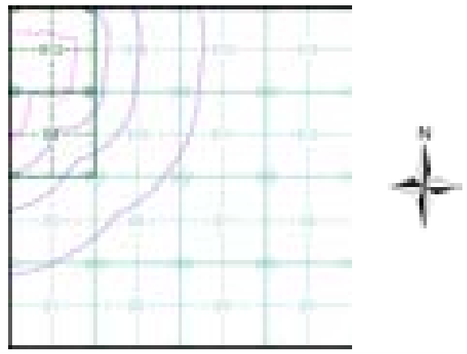
General

Agency and Hydrological (Boreholes)

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

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

Borehole Map - Slice B



Order Details

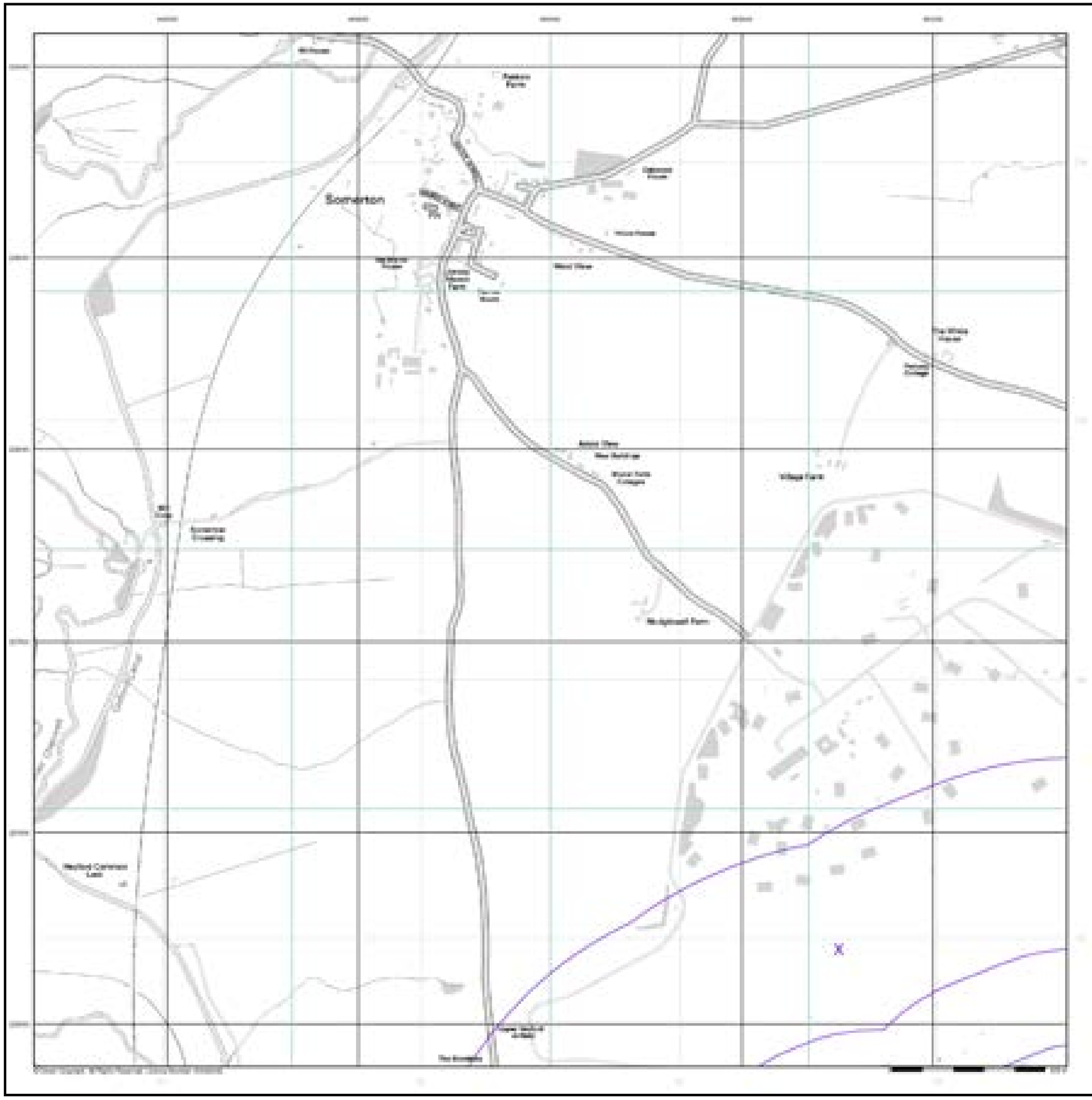
Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Landmark

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



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General

Agency and Hydrological

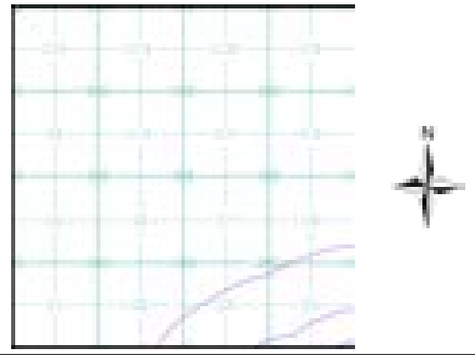
Waste

Geological

Hazardous Substances

Industrial Land Use

Site Sensitivity Map - Slice C



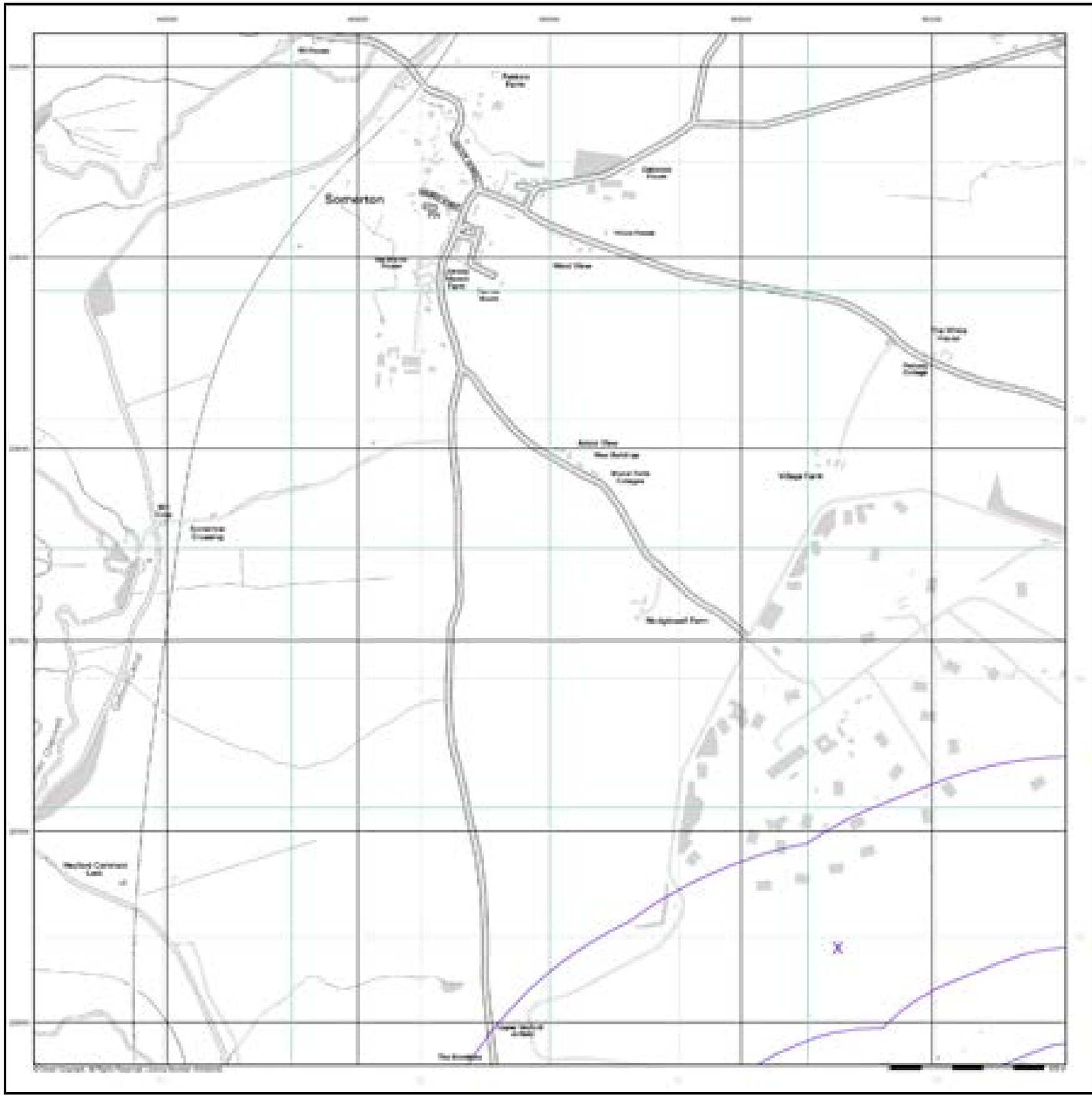
Order Details

Order Number: 31993967_1_1
Customer Ref: 10658
National Grid Reference: 450750, 226700
Slice: C
Site Area (Ha): 76.28
Search Buffer (m): 1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



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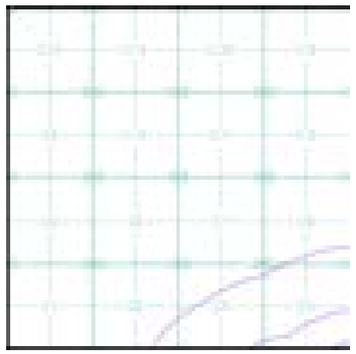
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice C



Order Details

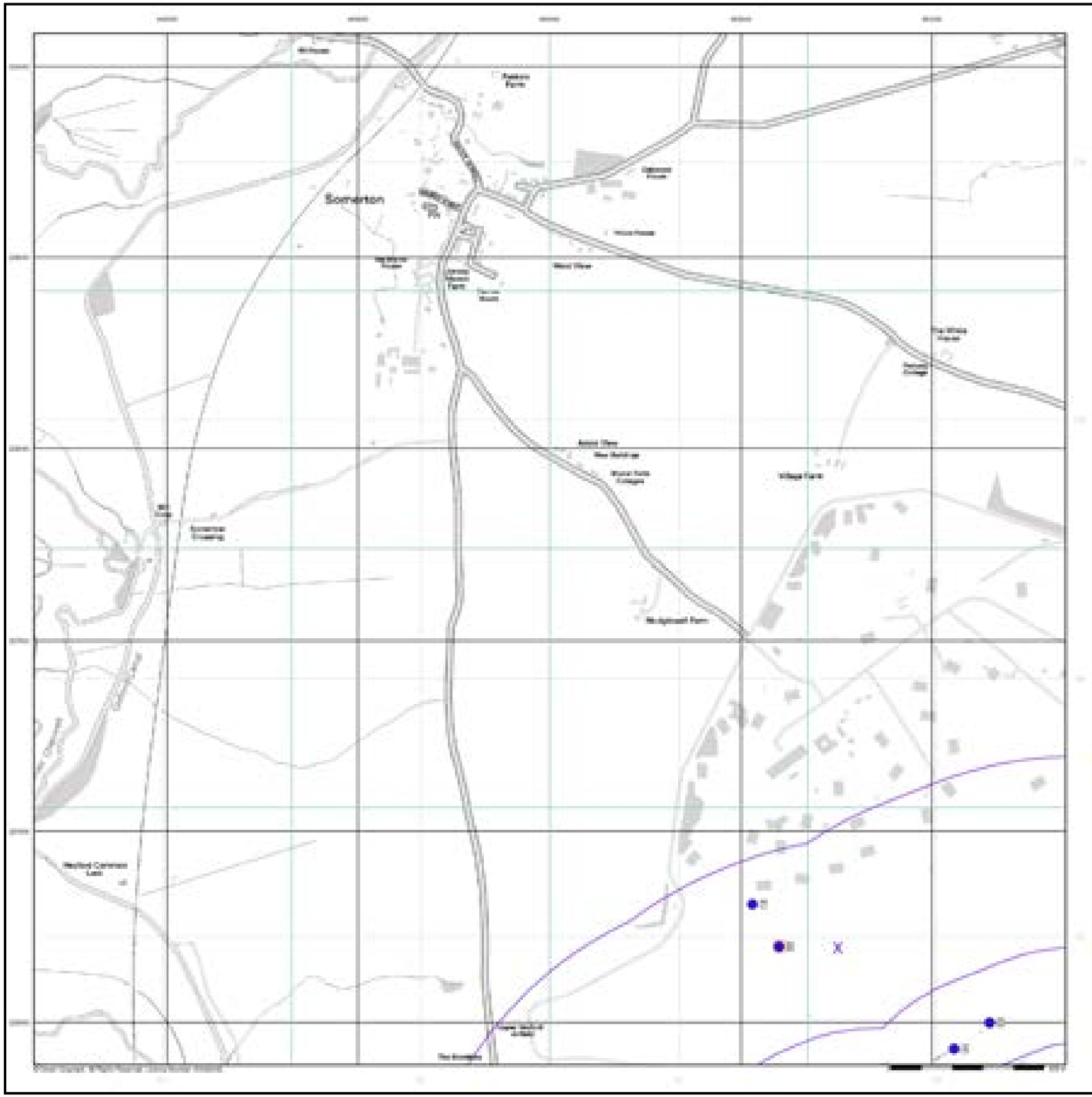
Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450750, 226700
Slice:	C
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Landmark

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



waterman

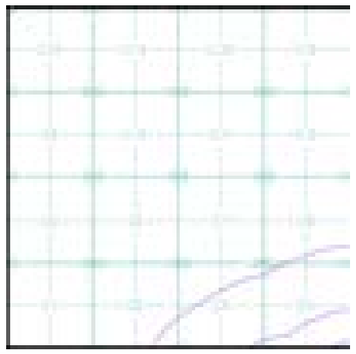
General

Agency and Hydrological (Boreholes)

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

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

Borehole Map - Slice C



Order Details

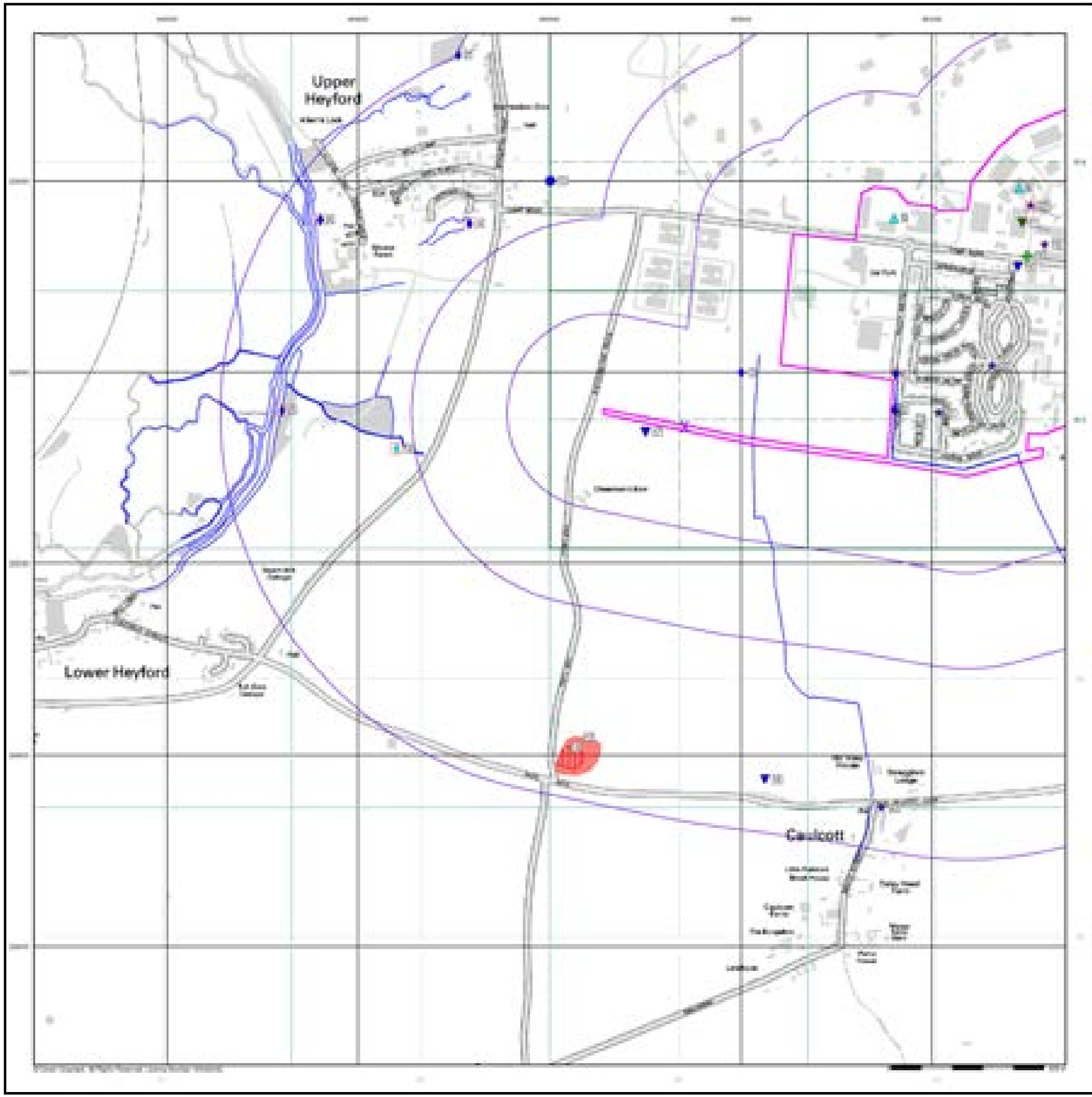
Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450750, 226700
Slice:	C
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Landmark

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



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General

Agency and Hydrological

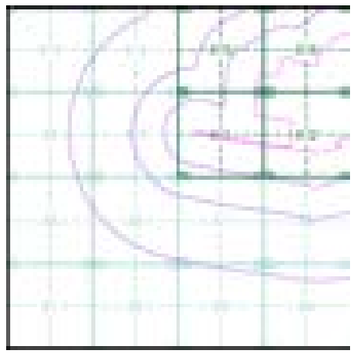
Waste

Geological

Hazardous Substances

Industrial Land Use

Site Sensitivity Map - Slice A



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Landmark

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

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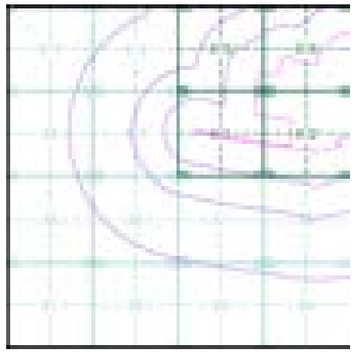
General

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

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 3)
- 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

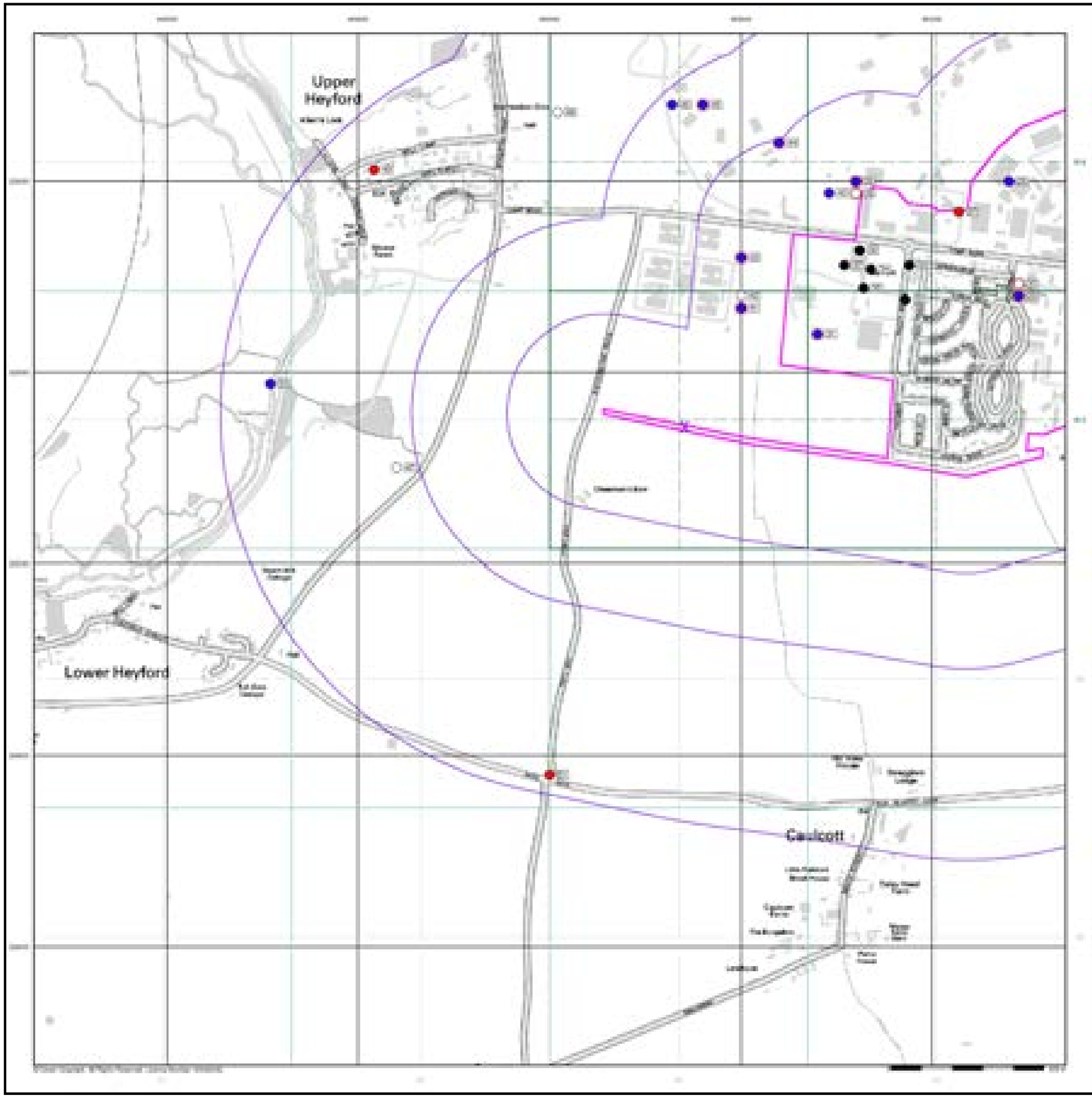
Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Landmark

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



waterman

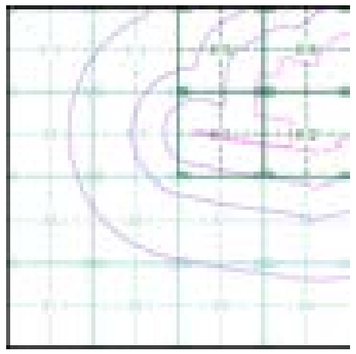
General

Agency and Hydrological (Boreholes)

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

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

Borehole Map - Slice A



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

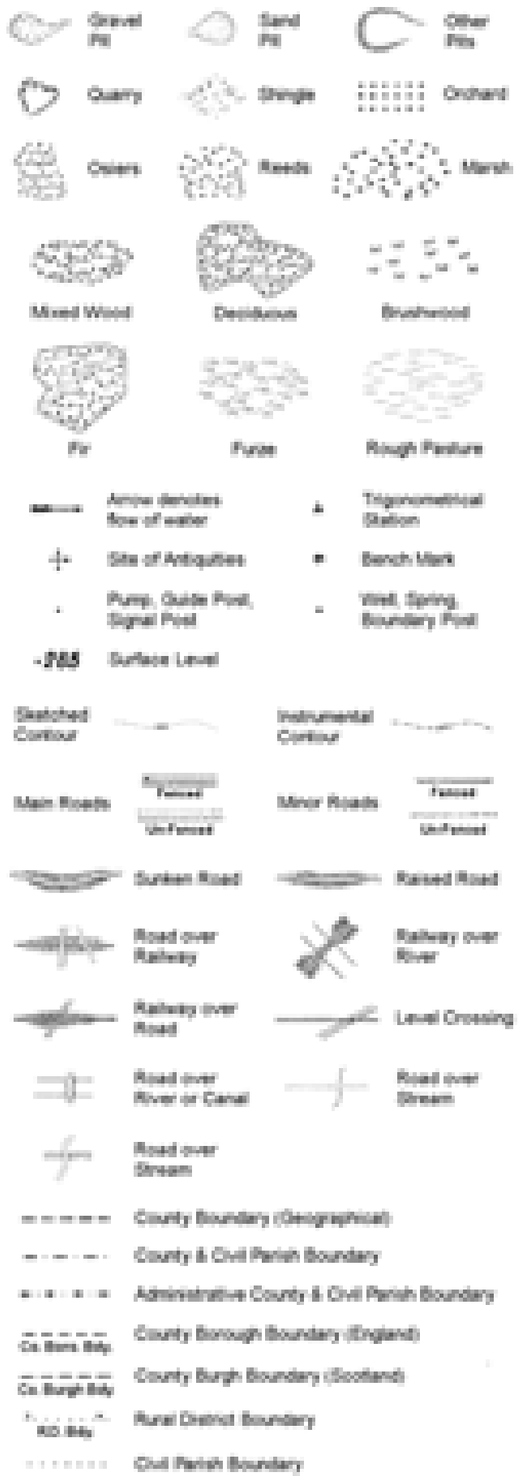
Site at, Upper Heyford Airfield, Oxfordshire

Landmark

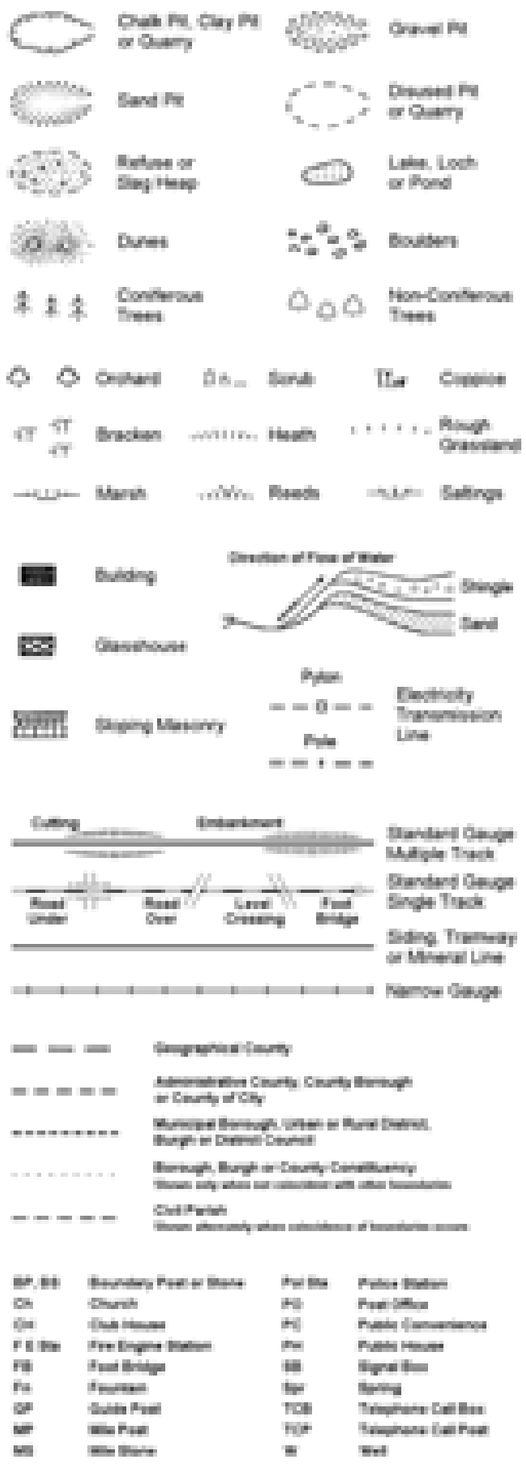
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

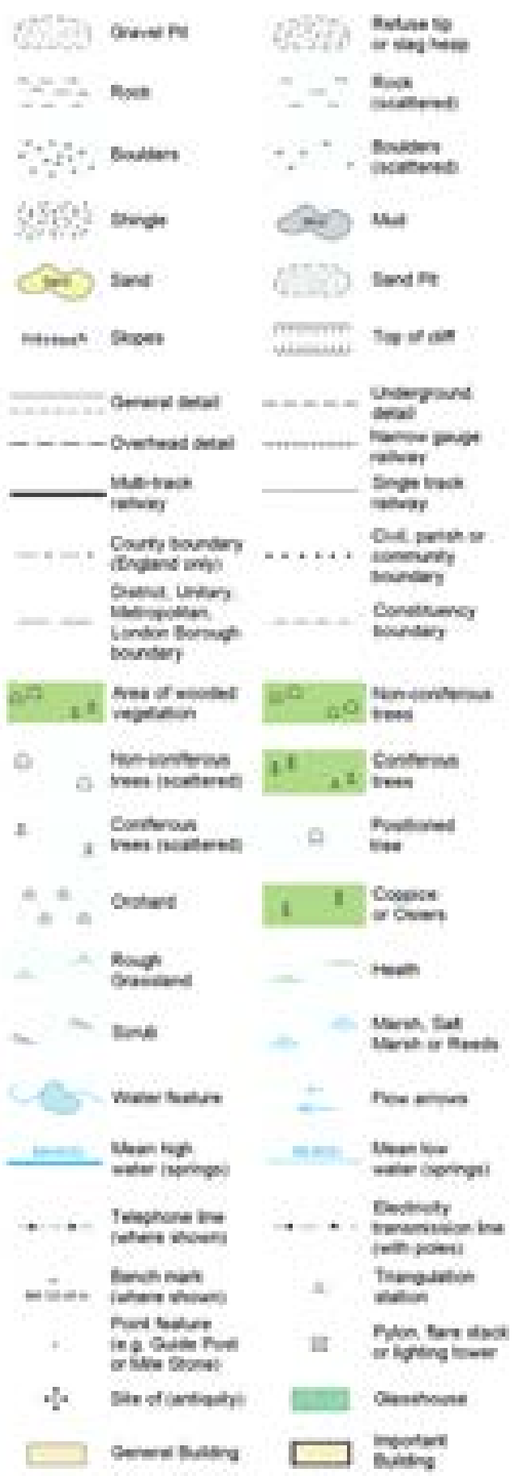
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



1:10,000 Raster Mapping



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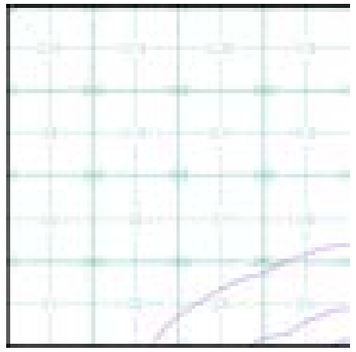
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northamptonshire	1:10,560	1883	2
Oxfordshire	1:10,560	1885	3
Oxfordshire	1:10,560	1900	4
Northamptonshire	1:10,560	1923	5
Oxfordshire	1:10,560	1923	6
Historical Aerial Photography	1:10,560	1947	7
Ordnance Survey Plan	1:10,000	1955	8
Ordnance Survey Plan	1:10,000	1966	9
Ordnance Survey Plan	1:10,000	1979	10
Ordnance Survey Plan	1:10,000	1982	11
Ordnance Survey Plan	1:10,000	1993	12
10K Raster Mapping	1:10,000	1999	13
10K Raster Mapping	1:10,000	2006	14
10K Raster Mapping	1:10,000	2010	15

Historical Map - Slice C



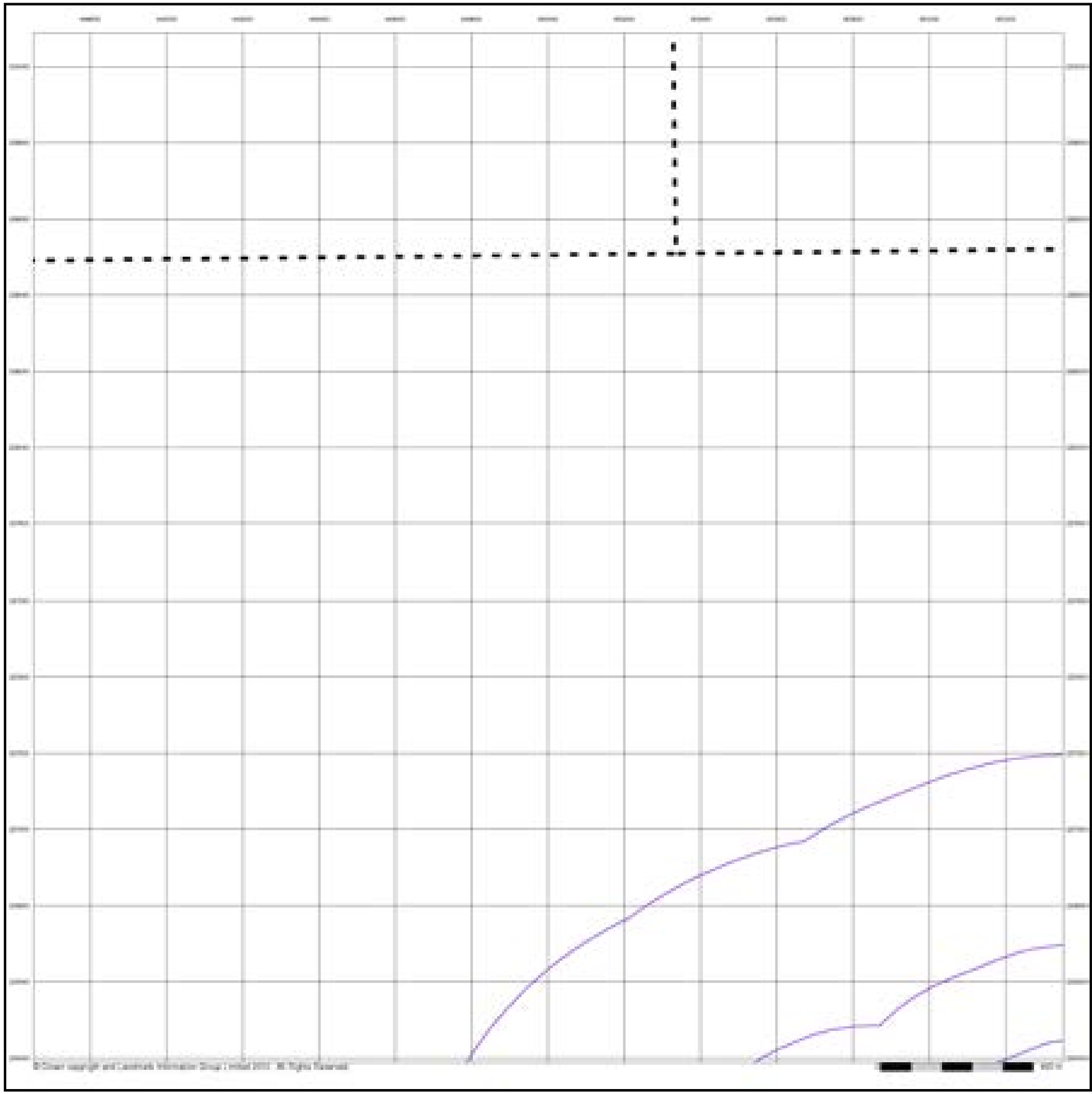
Order Details

Order Number: 31993967_1_1
Customer Ref: 10658
National Grid Reference: 450750, 226700
Slice: C
Site Area (Ha): 76.28
Search Buffer (m): 1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



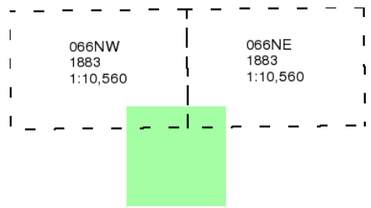
Northamptonshire

Published 1883

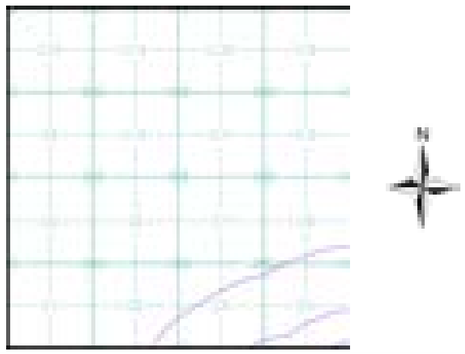
Source map scale - 1:10,560

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)



Historical Map - Slice C



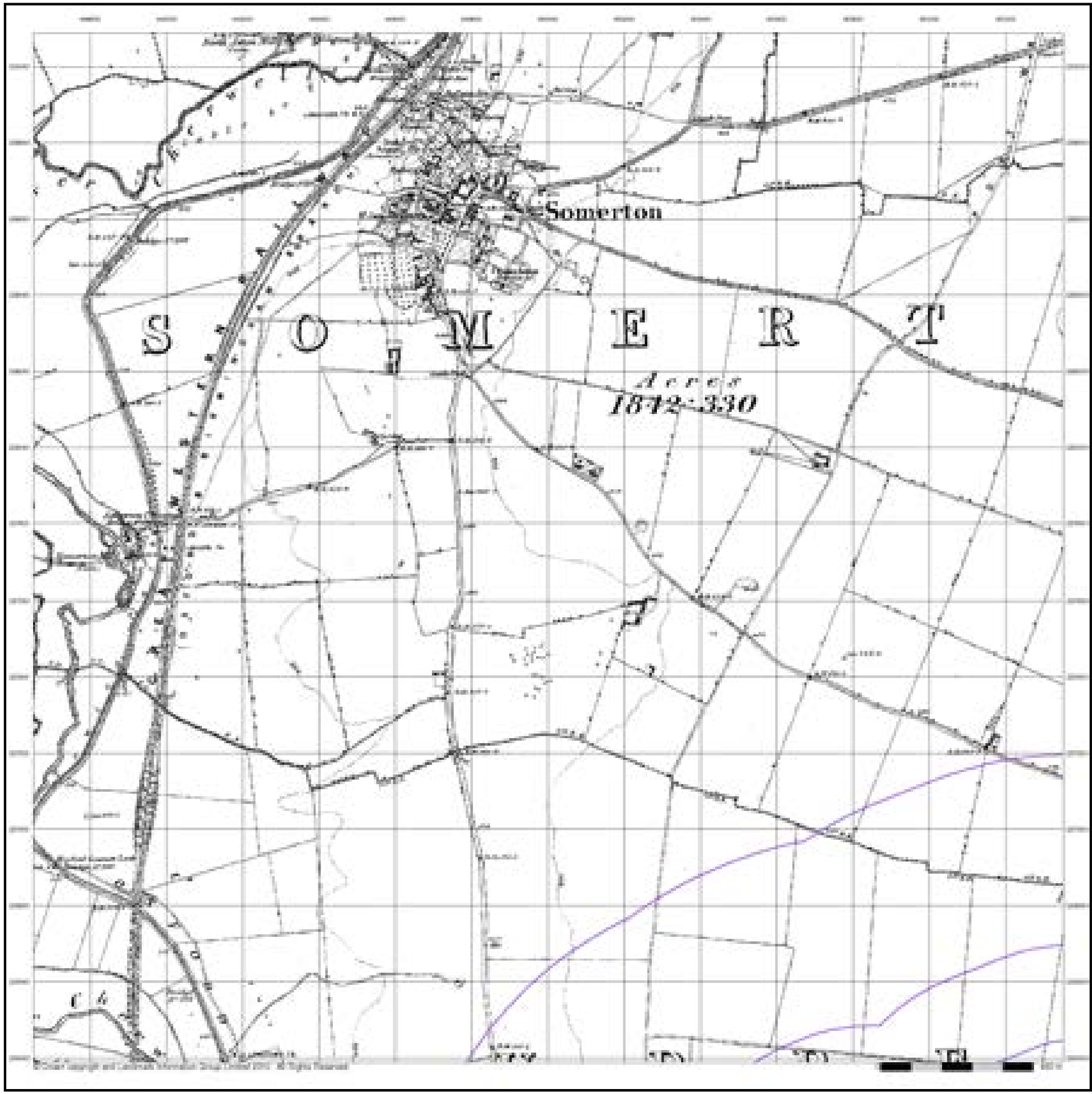
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450750, 226700
Slice:	C
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



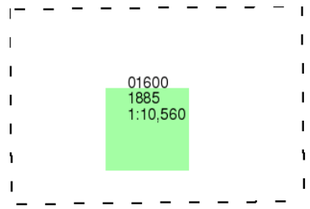
Oxfordshire

Published 1885

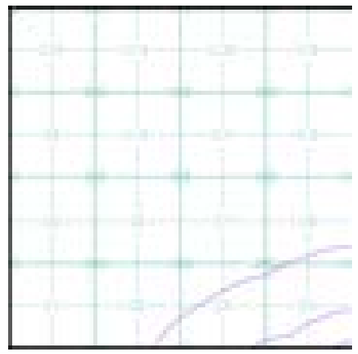
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice C



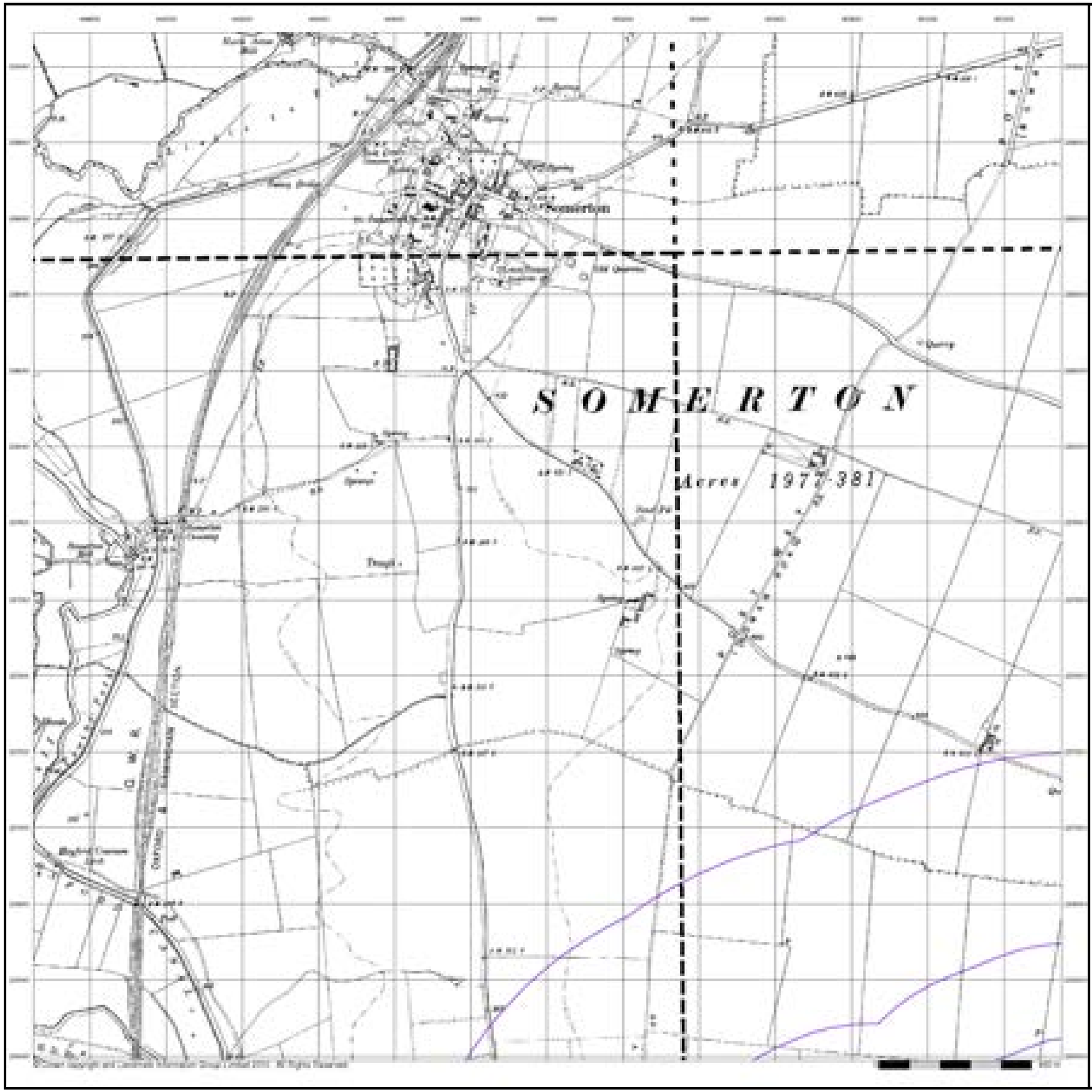
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450750, 226700
Slice:	C
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



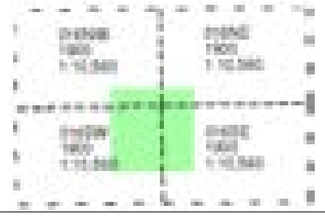
Oxfordshire

Published 1900

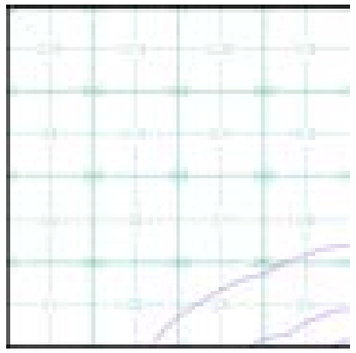
Source map scale - 1:10,560

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)



Historical Map - Slice C



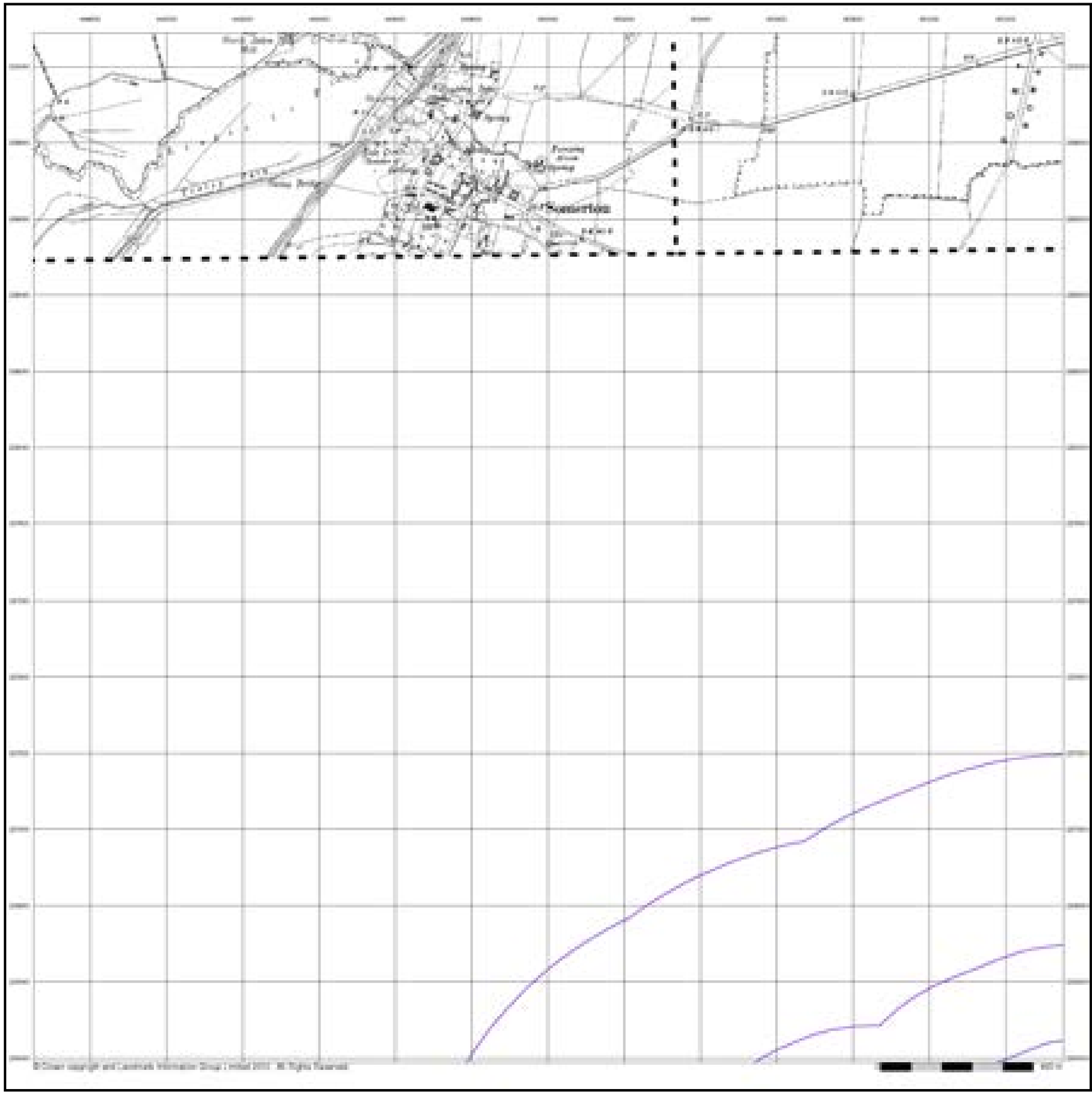
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450750, 226700
Slice:	C
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



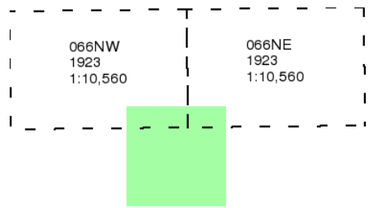
Northamptonshire

Published 1923

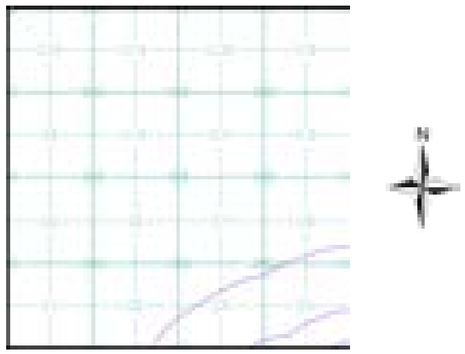
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice C



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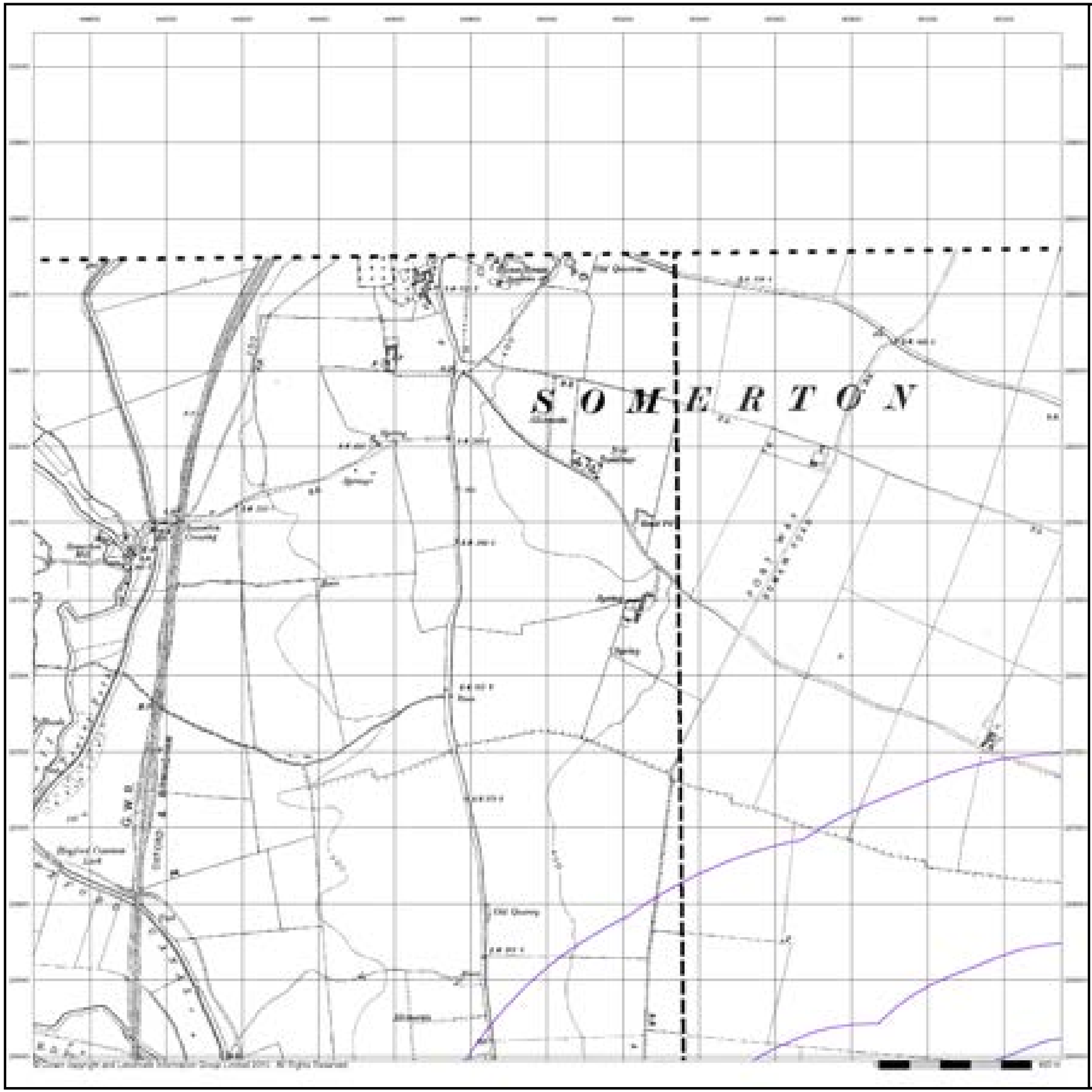

Oxfordshire

Published 1923

Source map scale - 1:10,560

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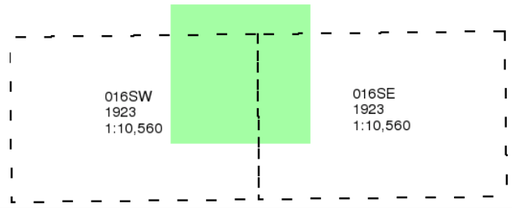
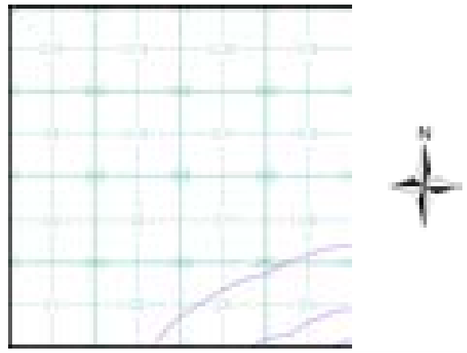


Historical Map - Slice C



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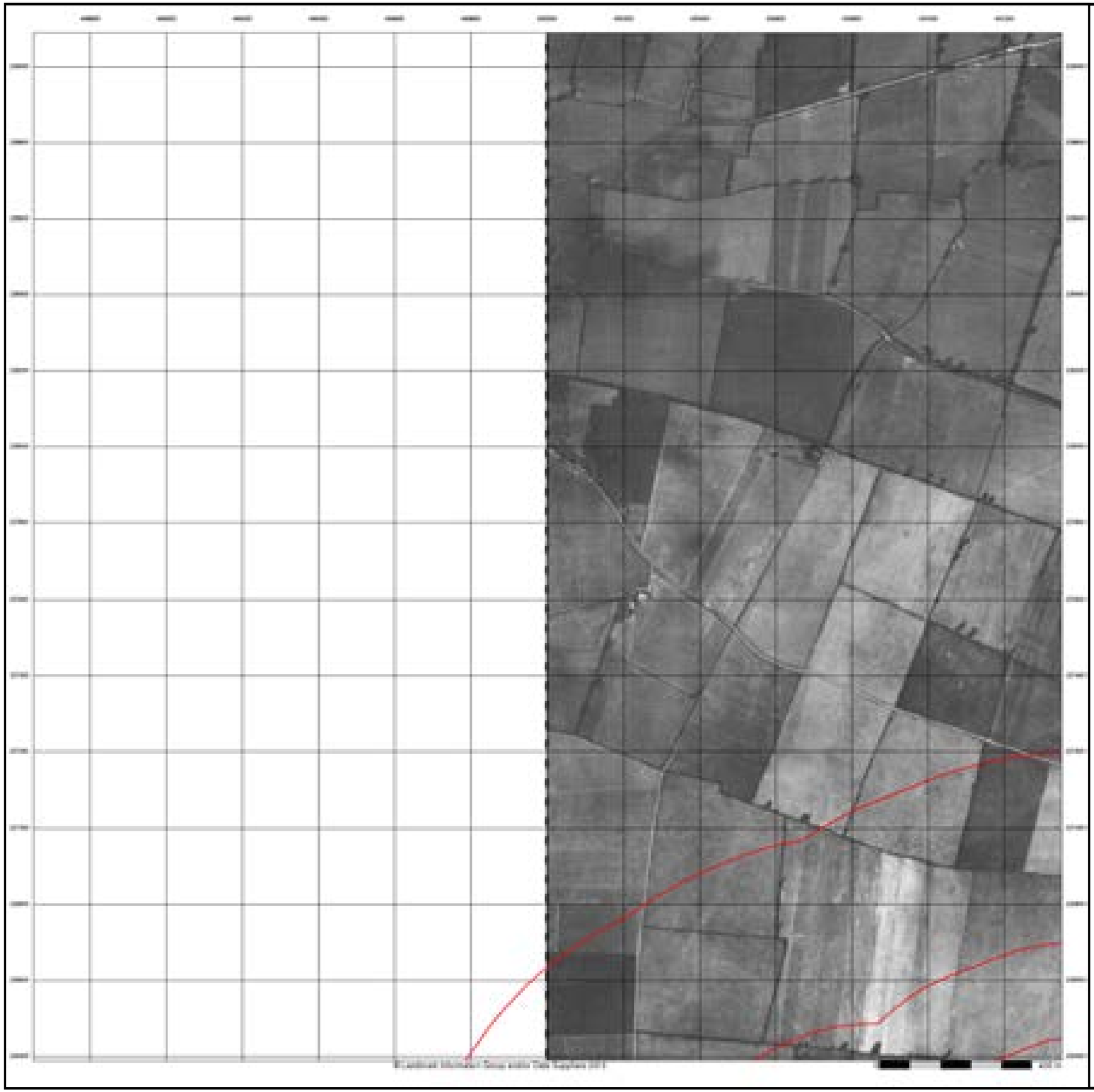

Historical Aerial Photography

Published 1947

Source map scale - 1:10,560

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

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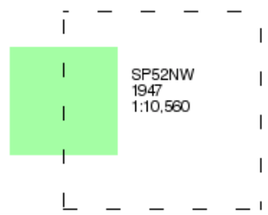
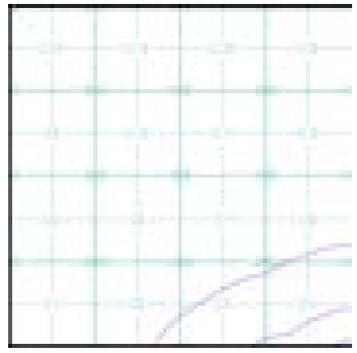
Map Name(s) and Date(s)



Historical Aerial Photography - Slice C



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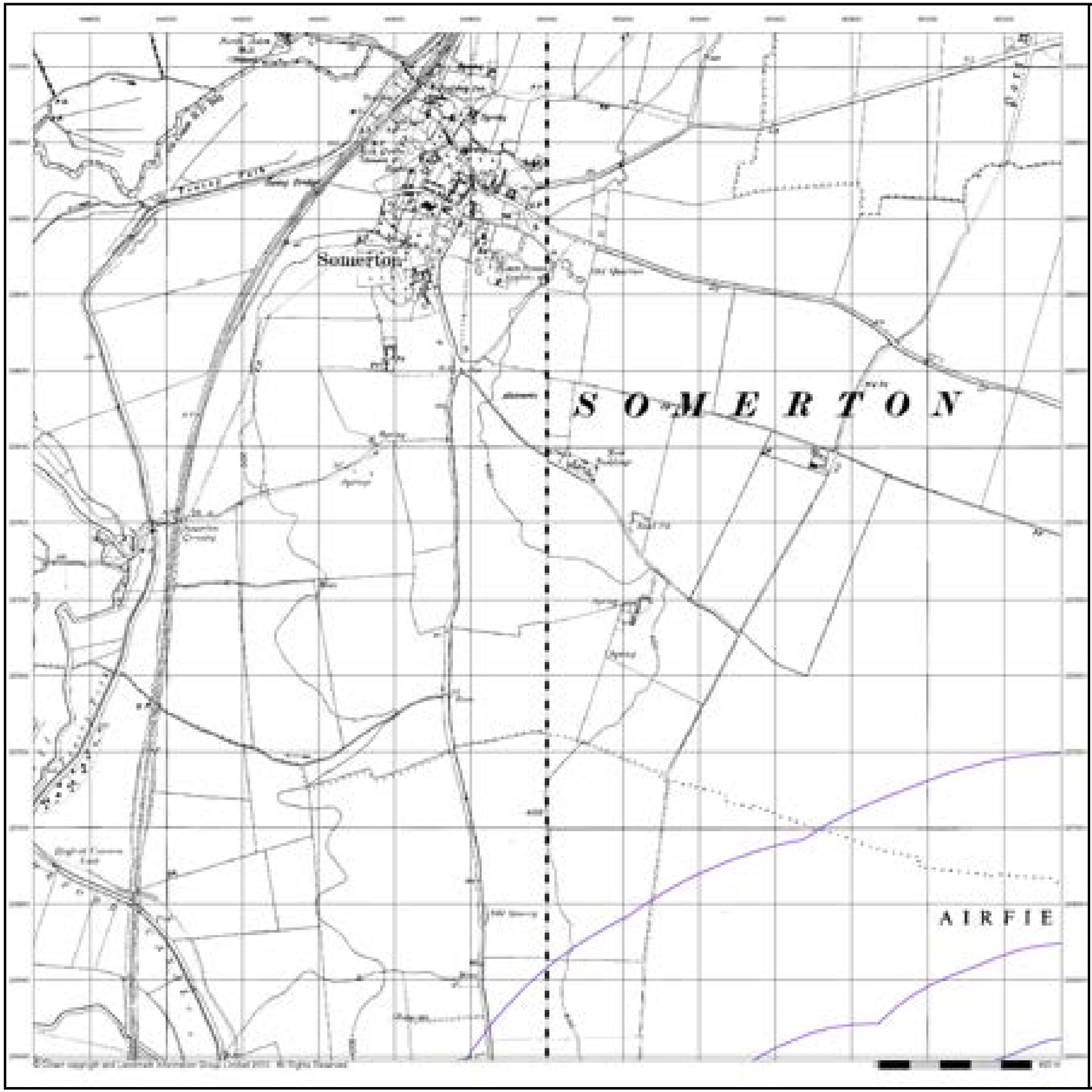

Ordnance Survey Plan

Published 1955

Source map scale - 1:10,000

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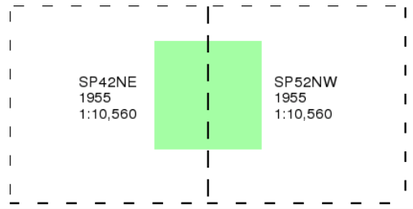
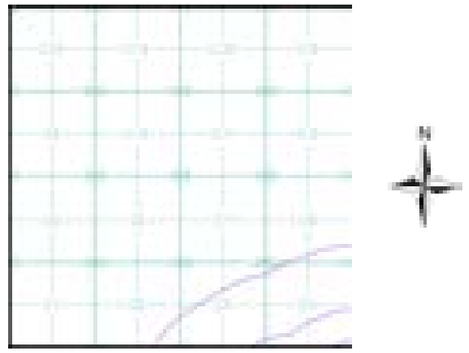


Historical Map - Slice C



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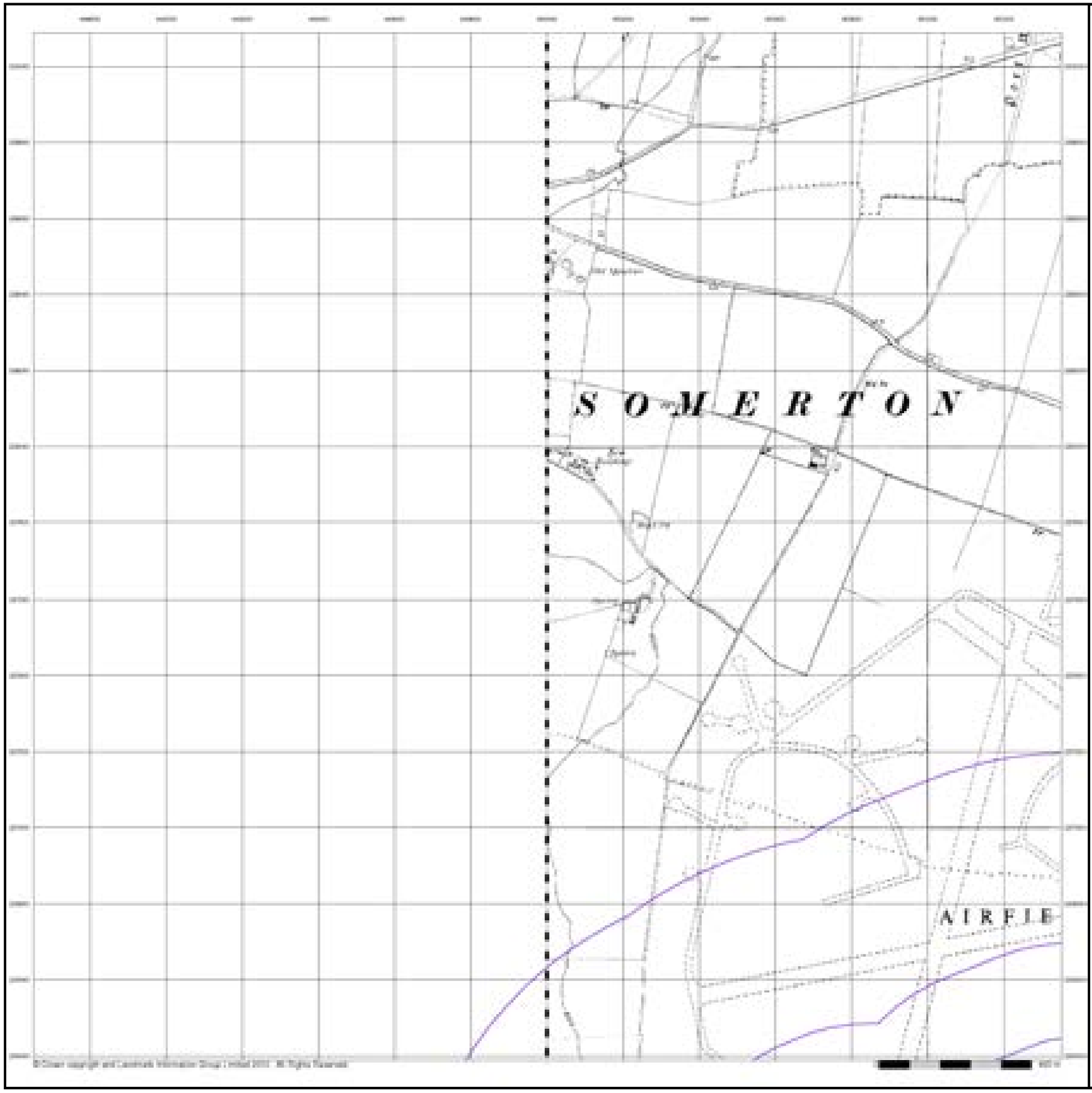

Ordnance Survey Plan

Published 1966

Source map scale - 1:10,000

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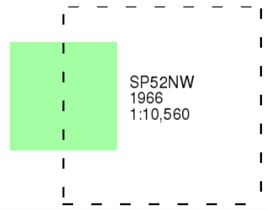
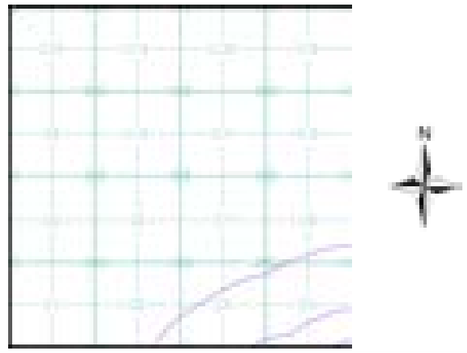
Map Name(s) and Date(s)



Historical Map - Slice C



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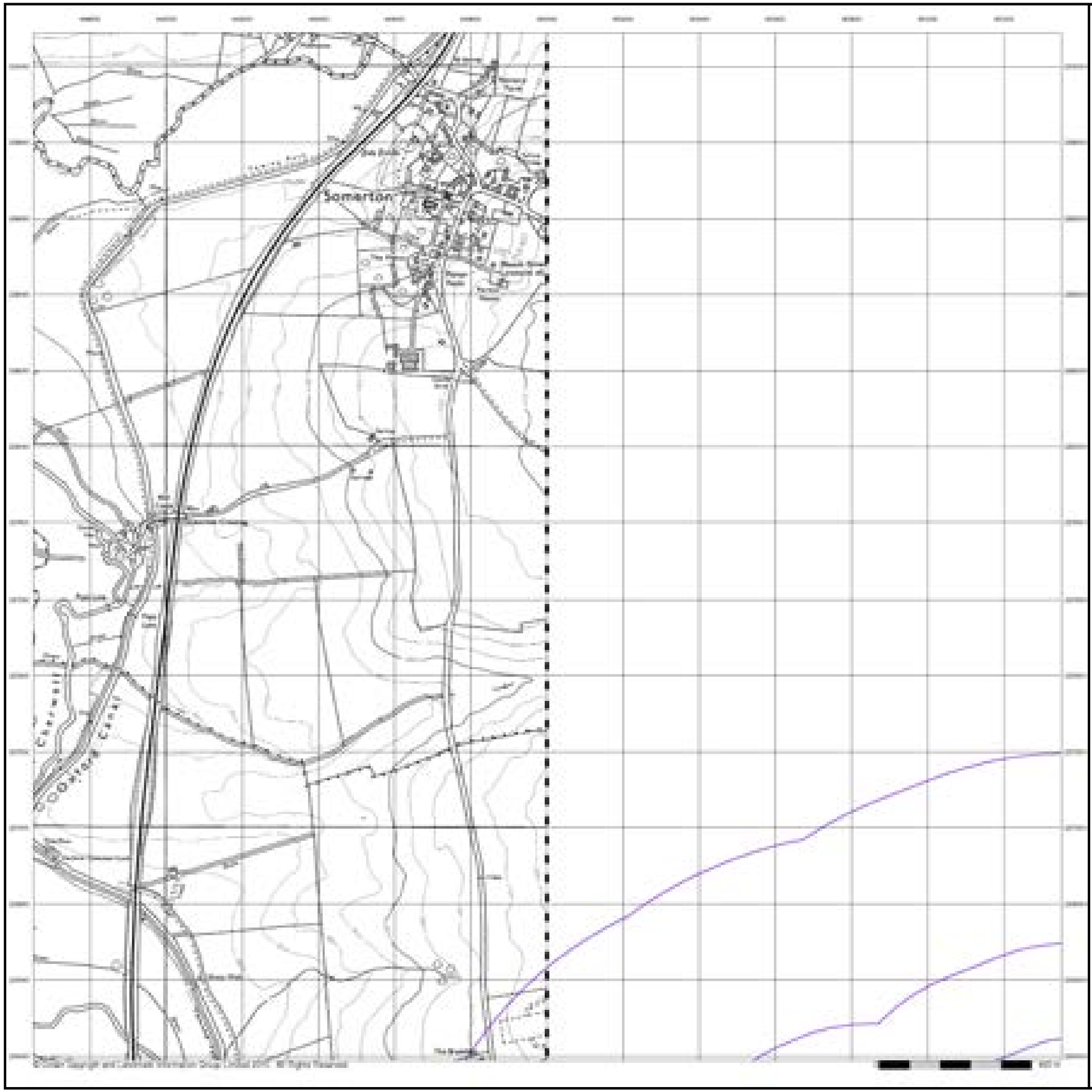

Ordnance Survey Plan

Published 1979

Source map scale - 1:10,000

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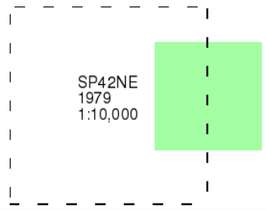
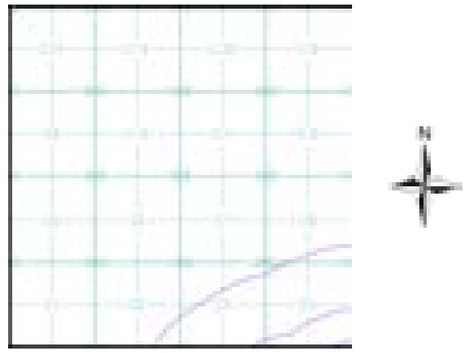
Map Name(s) and Date(s)



Historical Map - Slice C



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Site Details

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Ordnance Survey Plan

Published 1982

Source map scale - 1:10,000

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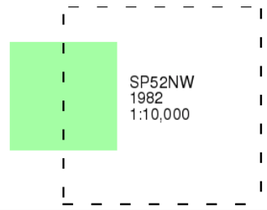
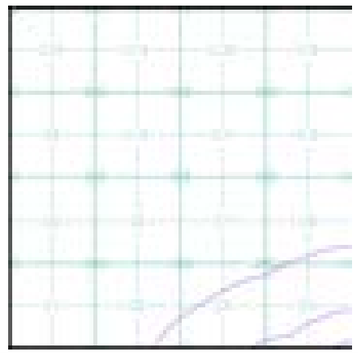


Historical Map - Slice C



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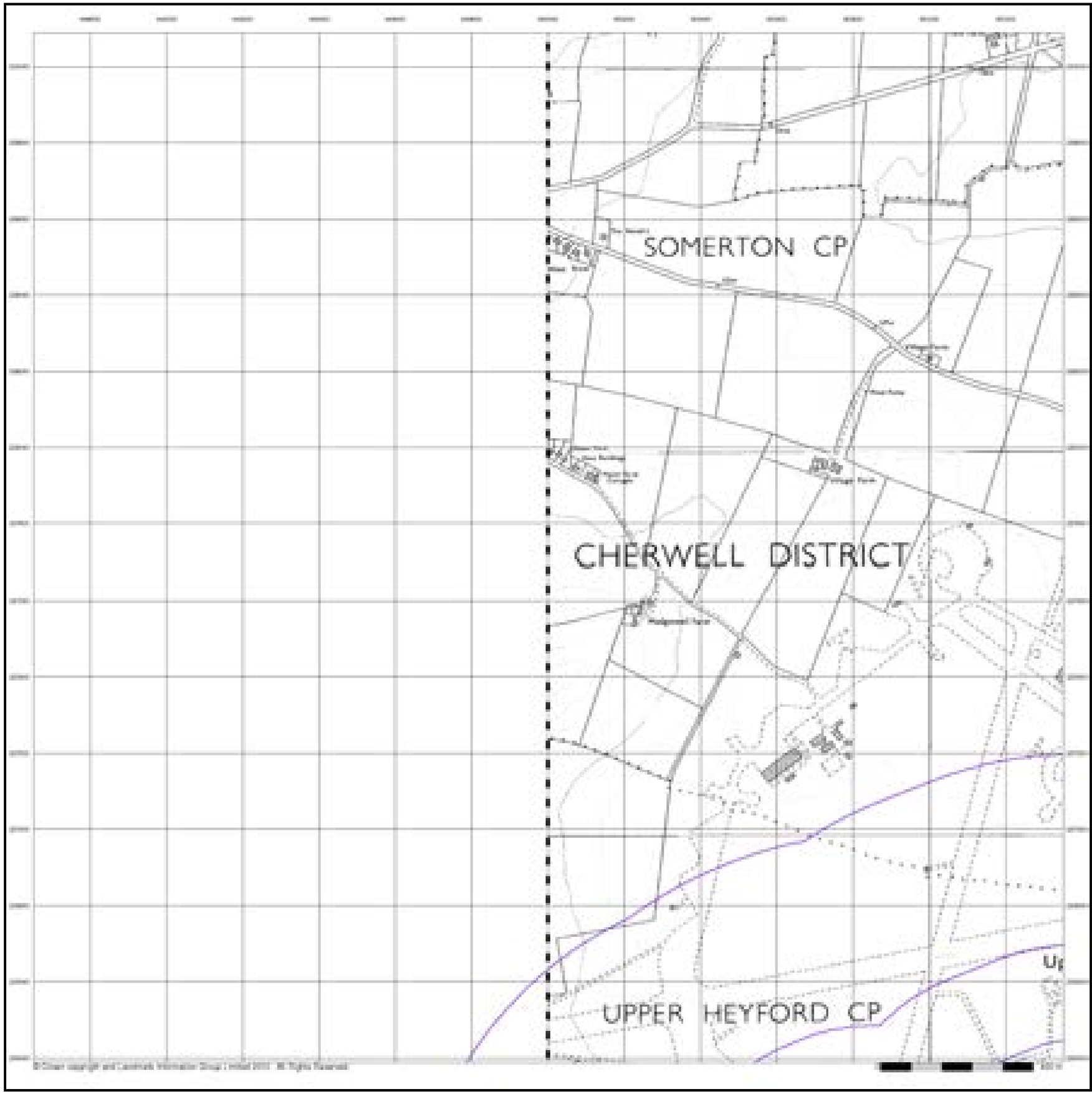

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Ordnance Survey Plan

Published 1993

Source map scale - 1:10,000

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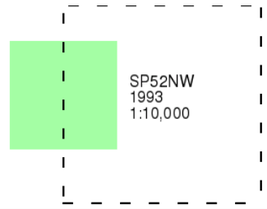
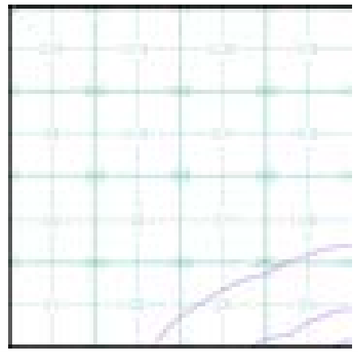


Historical Map - Slice C



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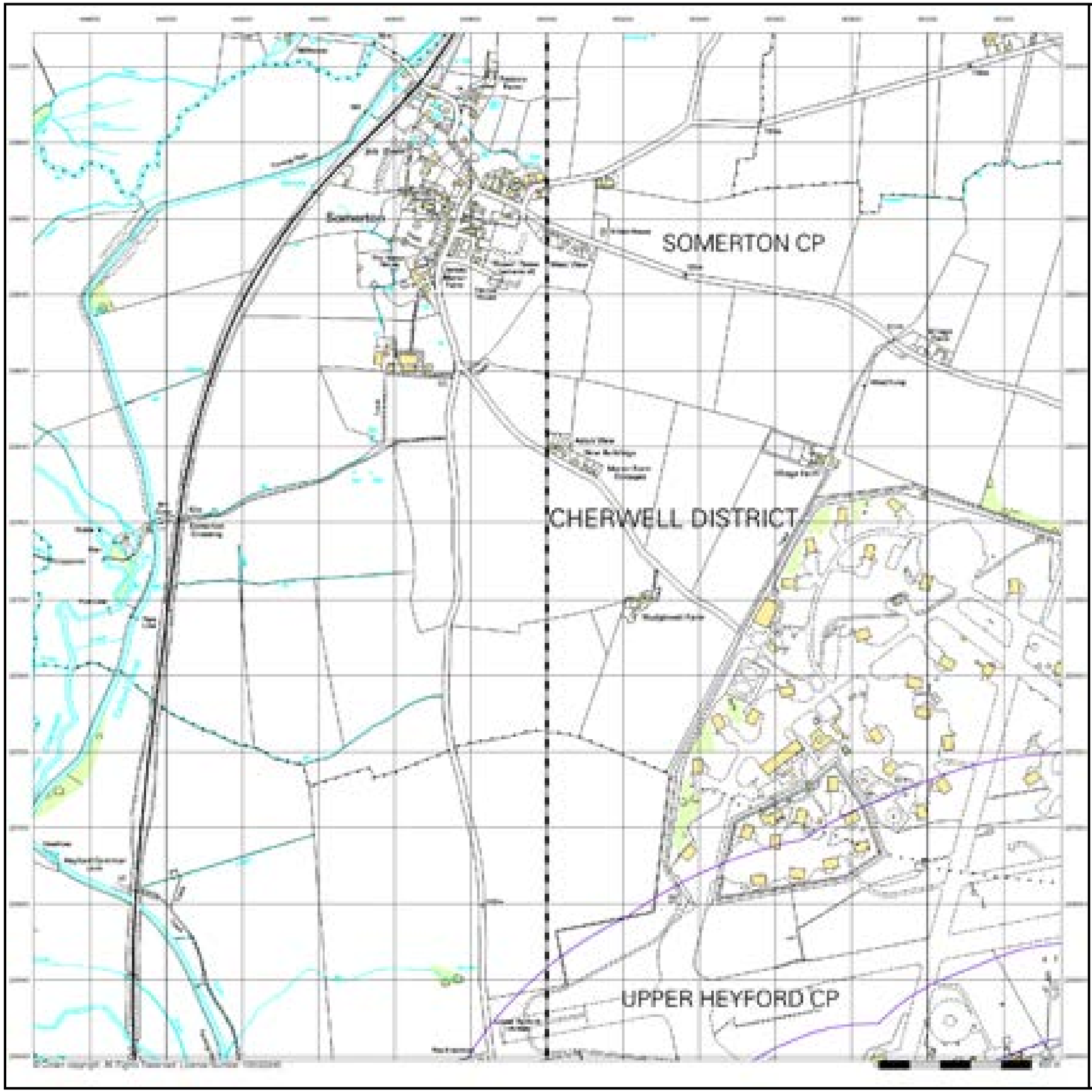


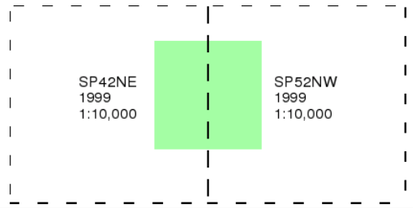
10k Raster Mapping

Published 1999

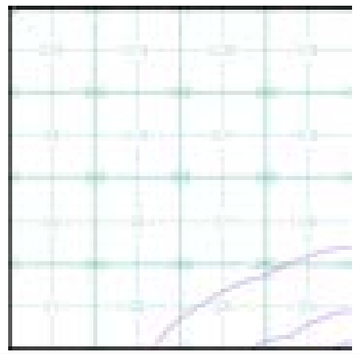
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice C



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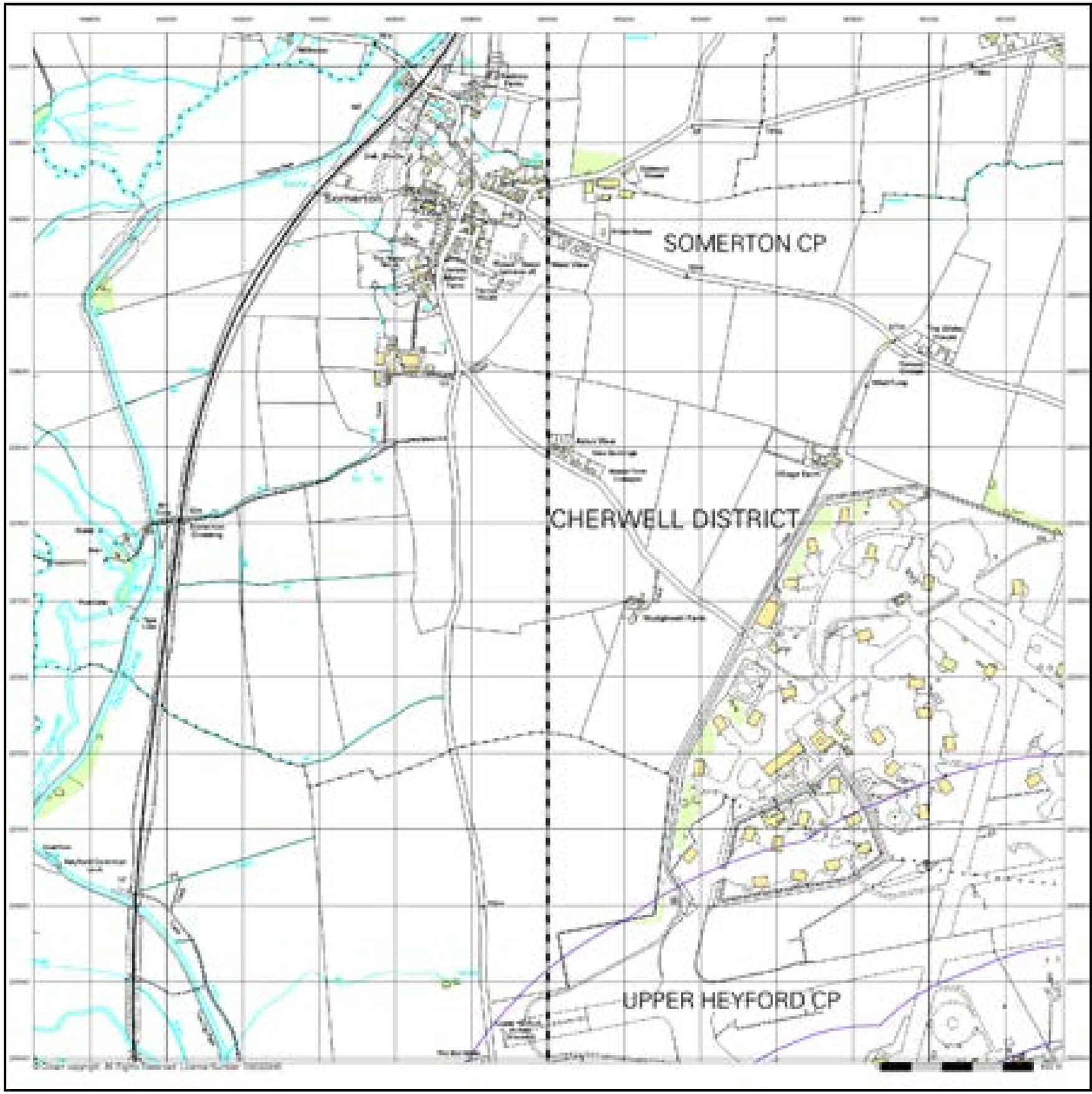

10k Raster Mapping

Published 2006

Source map scale - 1:10,000

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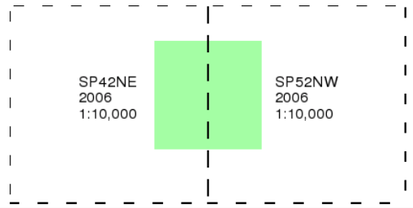
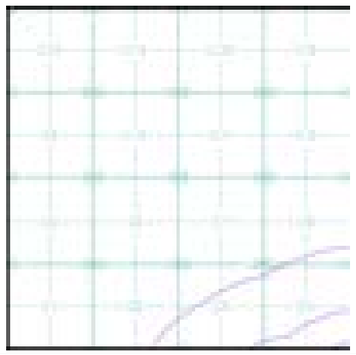


Historical Map - Slice C



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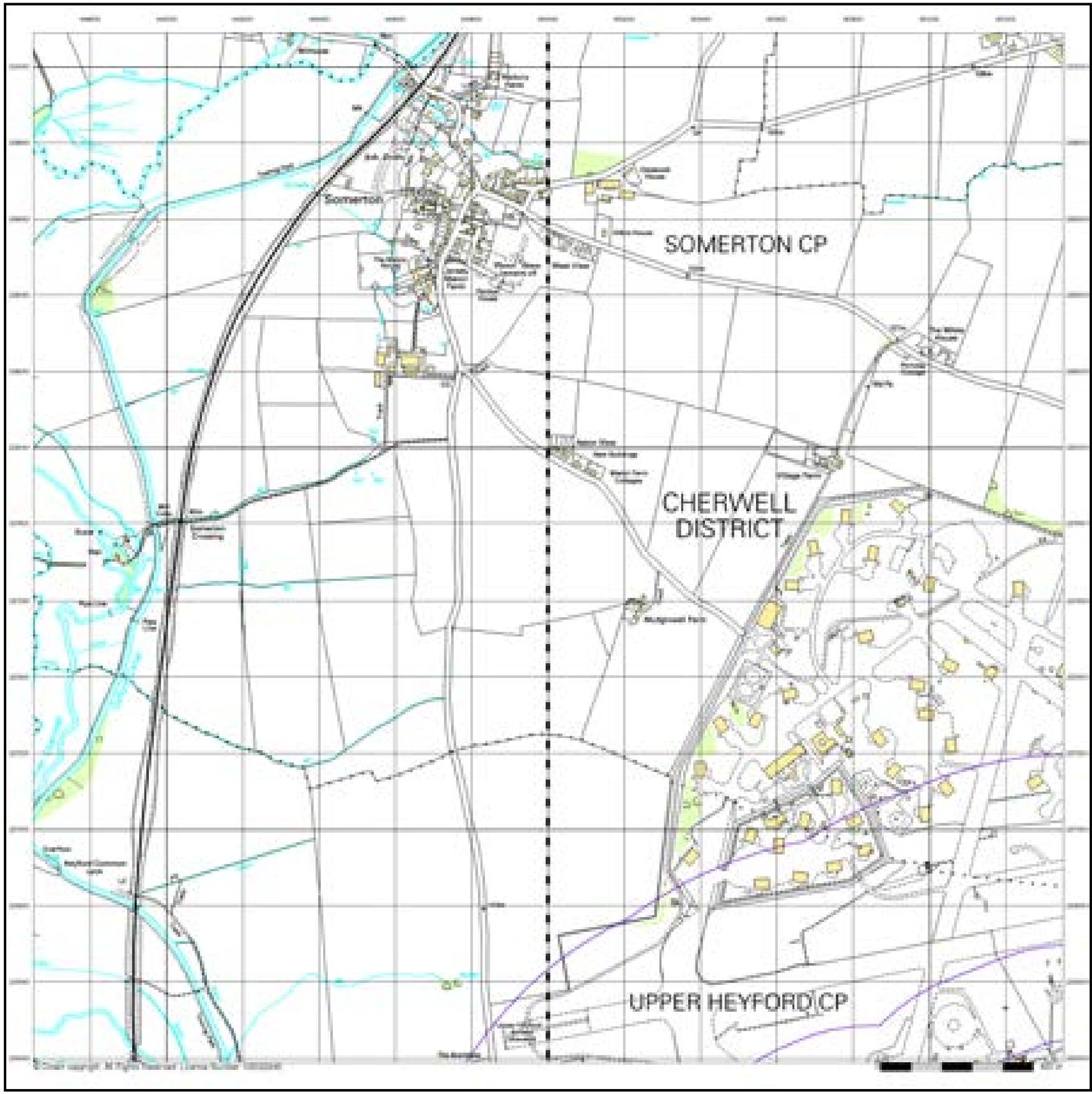

10k Raster Mapping

Published 2010

Source map scale - 1:10,000

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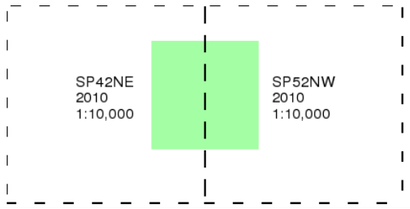
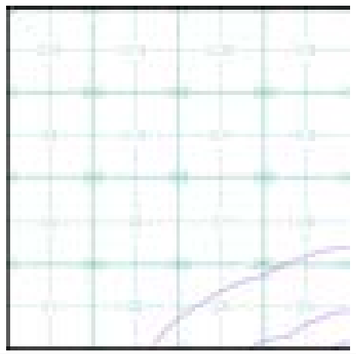


Historical Map - Slice C



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450750, 226700
Slice:	C
Site Area (Ha):	76.28
Search Buffer (m):	1000

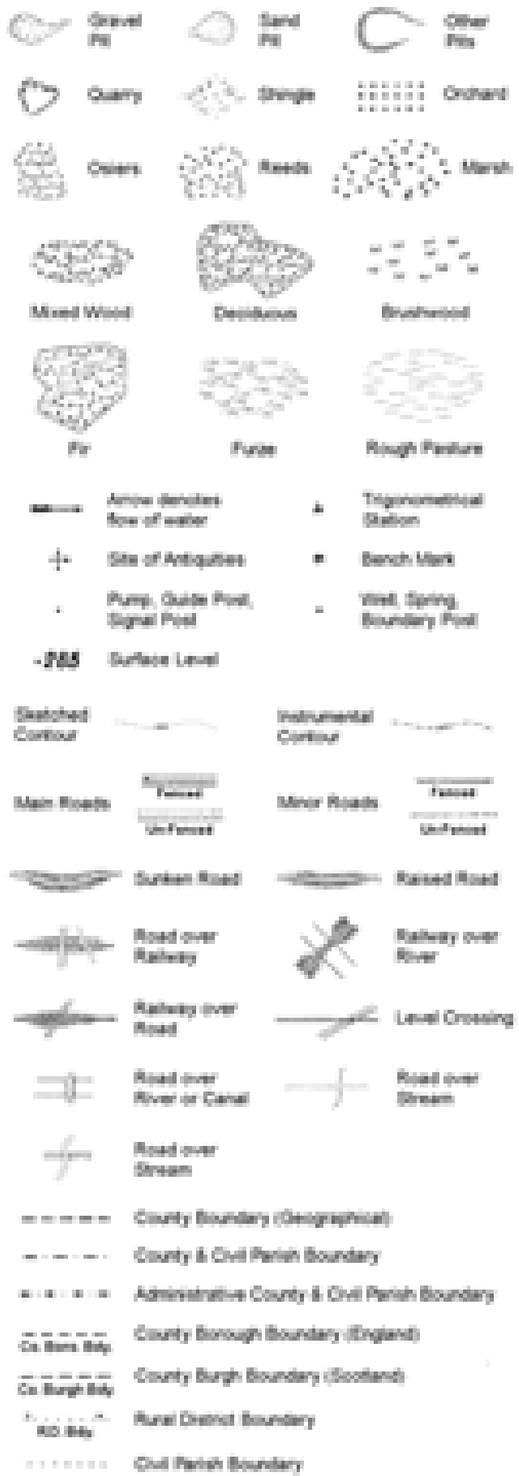
Site Details

Site at, Upper Heyford Airfield, Oxfordshire

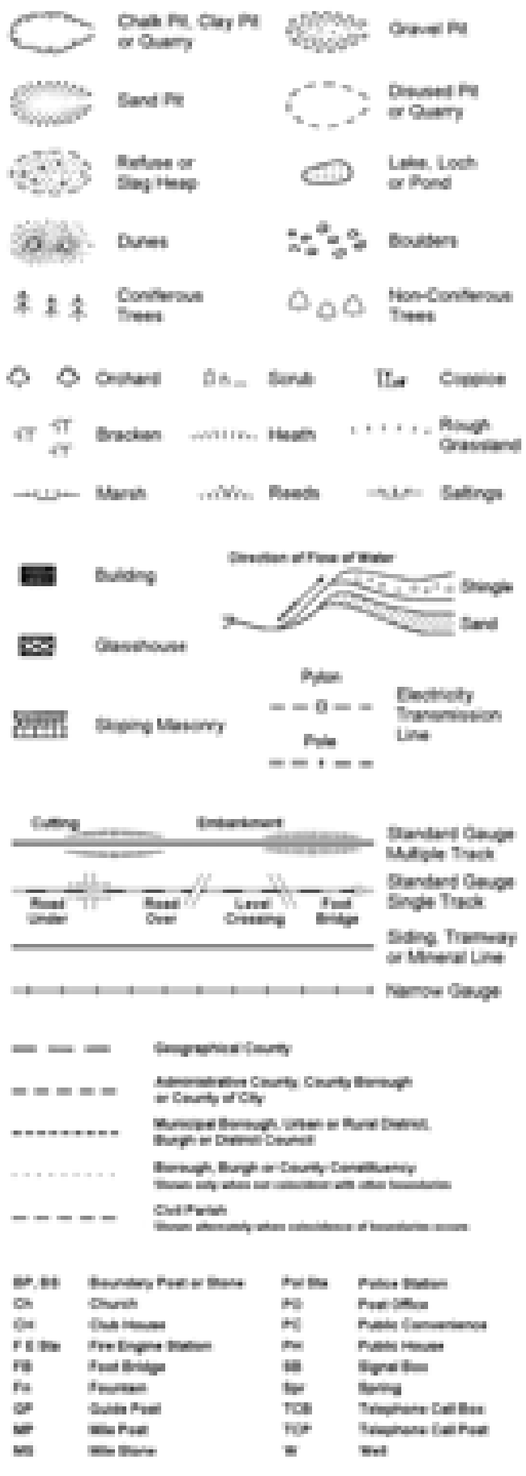
Landmark
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

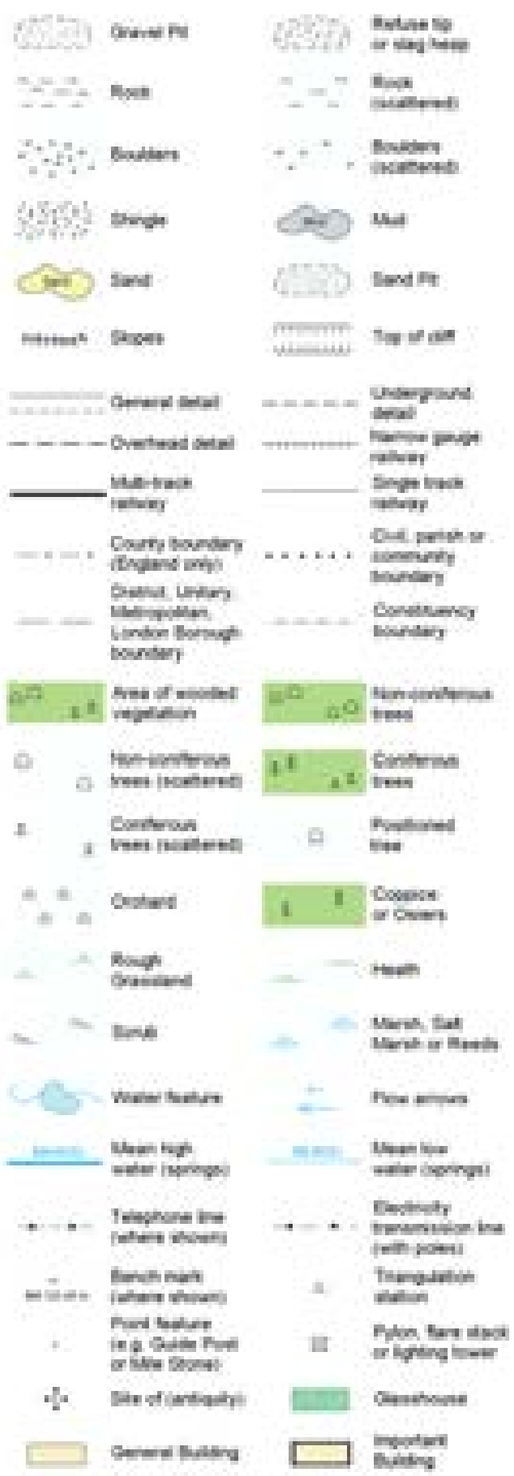
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



1:10,000 Raster Mapping

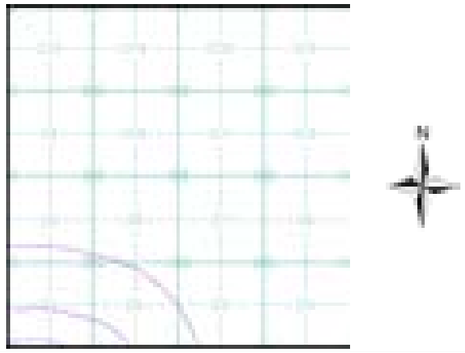


Waterman

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northamptonshire	1:10,560	1883	2
Oxfordshire	1:10,560	1885	3
Oxfordshire	1:10,560	1900	4
Northamptonshire	1:10,560	1923	5
Oxfordshire	1:10,560	1923	6
Historical Aerial Photography	1:10,560	1947	7
Ordnance Survey Plan	1:10,000	1955	8
Ordnance Survey Plan	1:10,000	1966	9
Ordnance Survey Plan	1:10,000	1982	10
Ordnance Survey Plan	1:10,000	1993	11
10K Raster Mapping	1:10,000	1999	12
10K Raster Mapping	1:10,000	2006	13
10K Raster Mapping	1:10,000	2010	14

Historical Map - Slice D



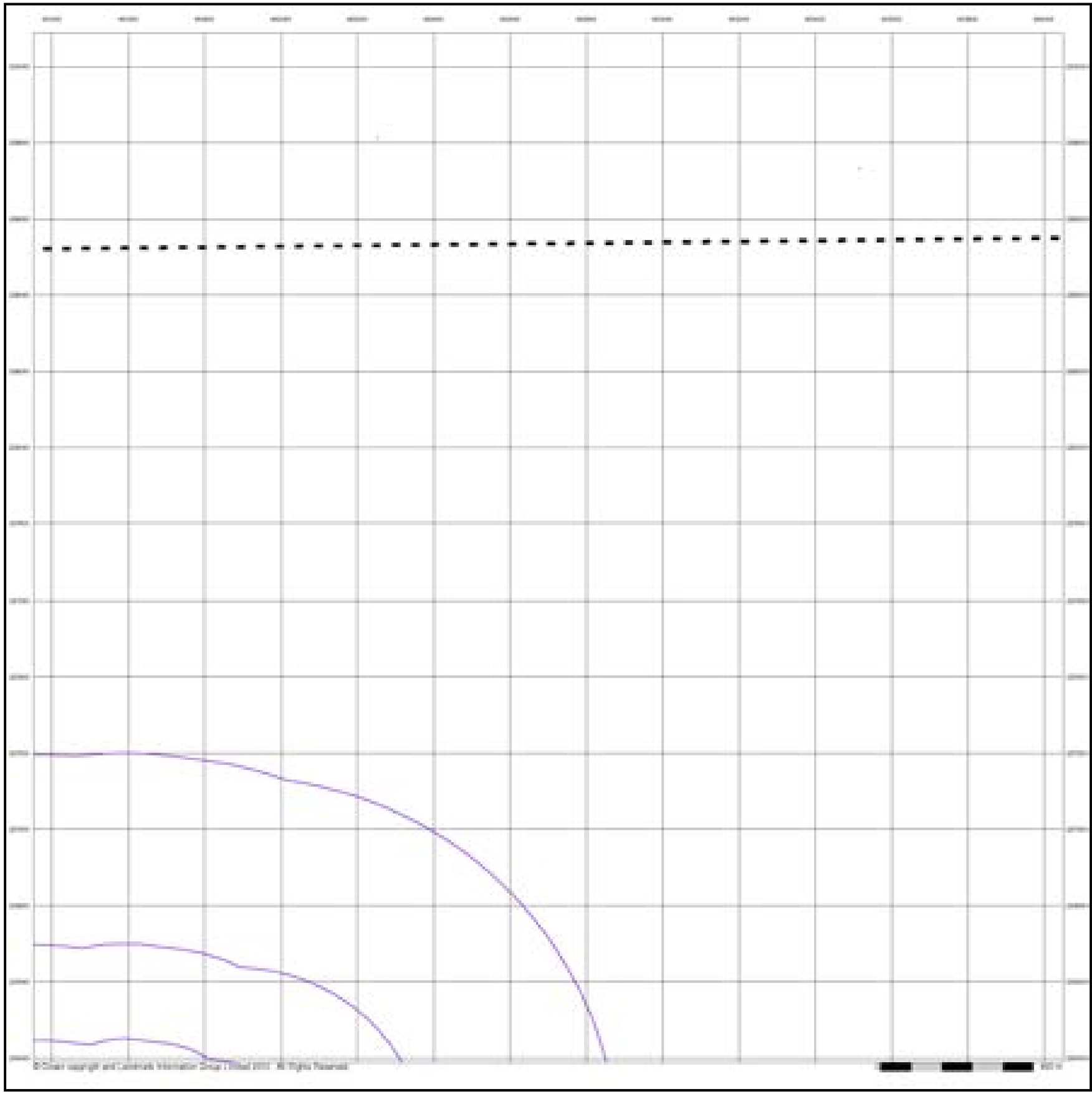
Order Details

Order Number: 31993967_1_1
Customer Ref: 10658
National Grid Reference: 451980, 226740
Slice: D
Site Area (Ha): 76.28
Search Buffer (m): 1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



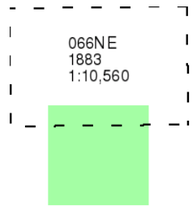
Northamptonshire

Published 1883

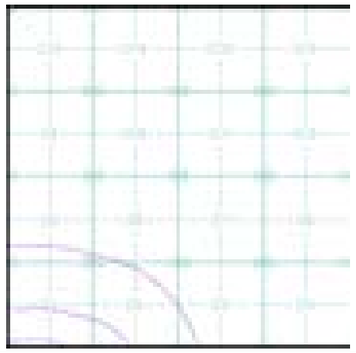
Source map scale - 1:10,560

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)



Historical Map - Slice D



Order Details

Order Number:	31993967_1_1
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Slice:	D
Site Area (Ha):	76.28
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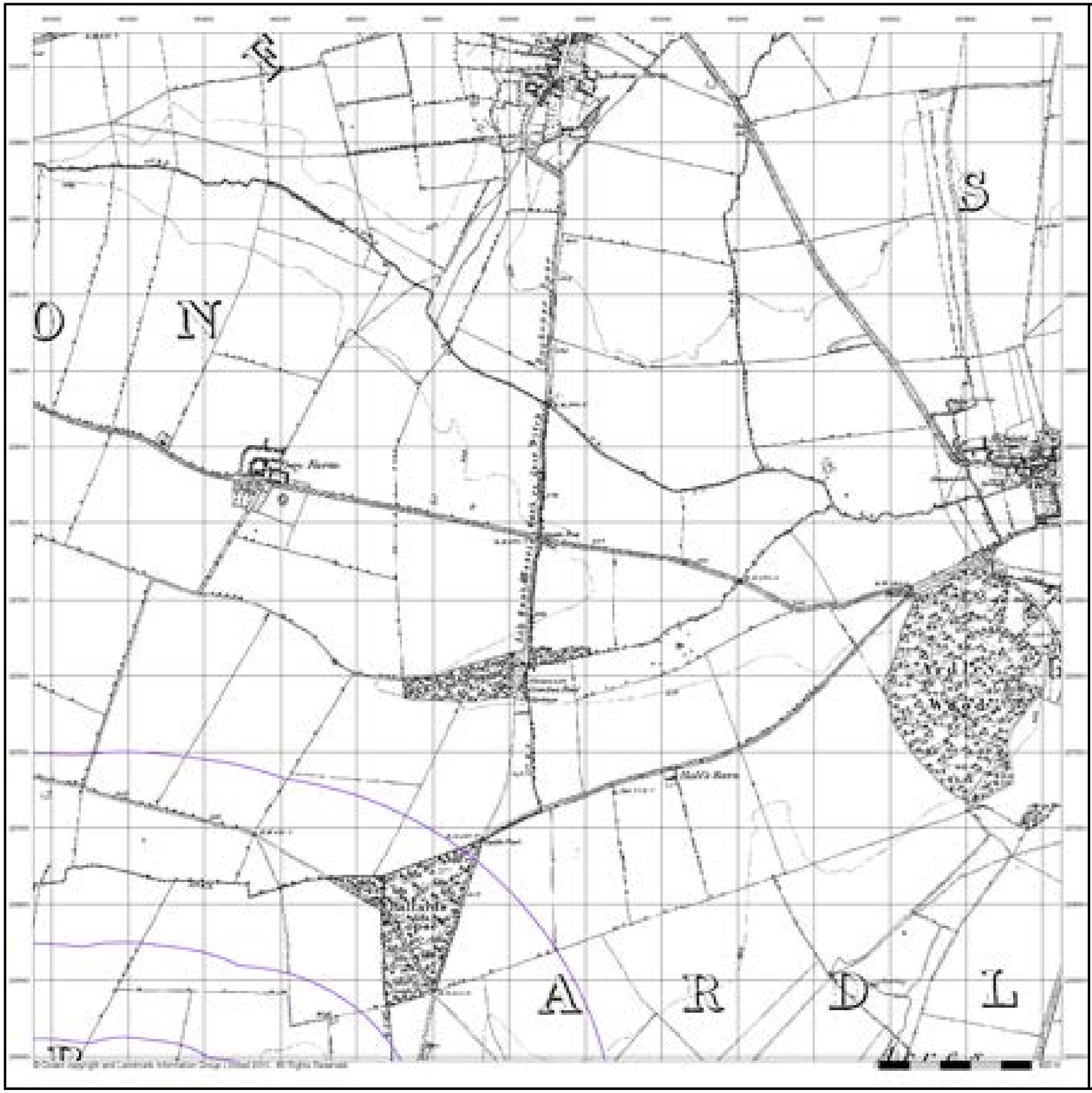

Oxfordshire

Published 1885

Source map scale - 1:10,560

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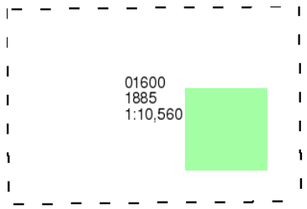
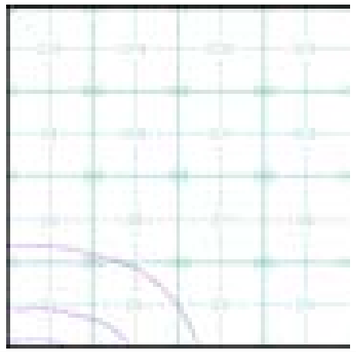


Historical Map - Slice D



Order Details

Order Number:	31993967_1_1
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National Grid Reference:	451980, 226740
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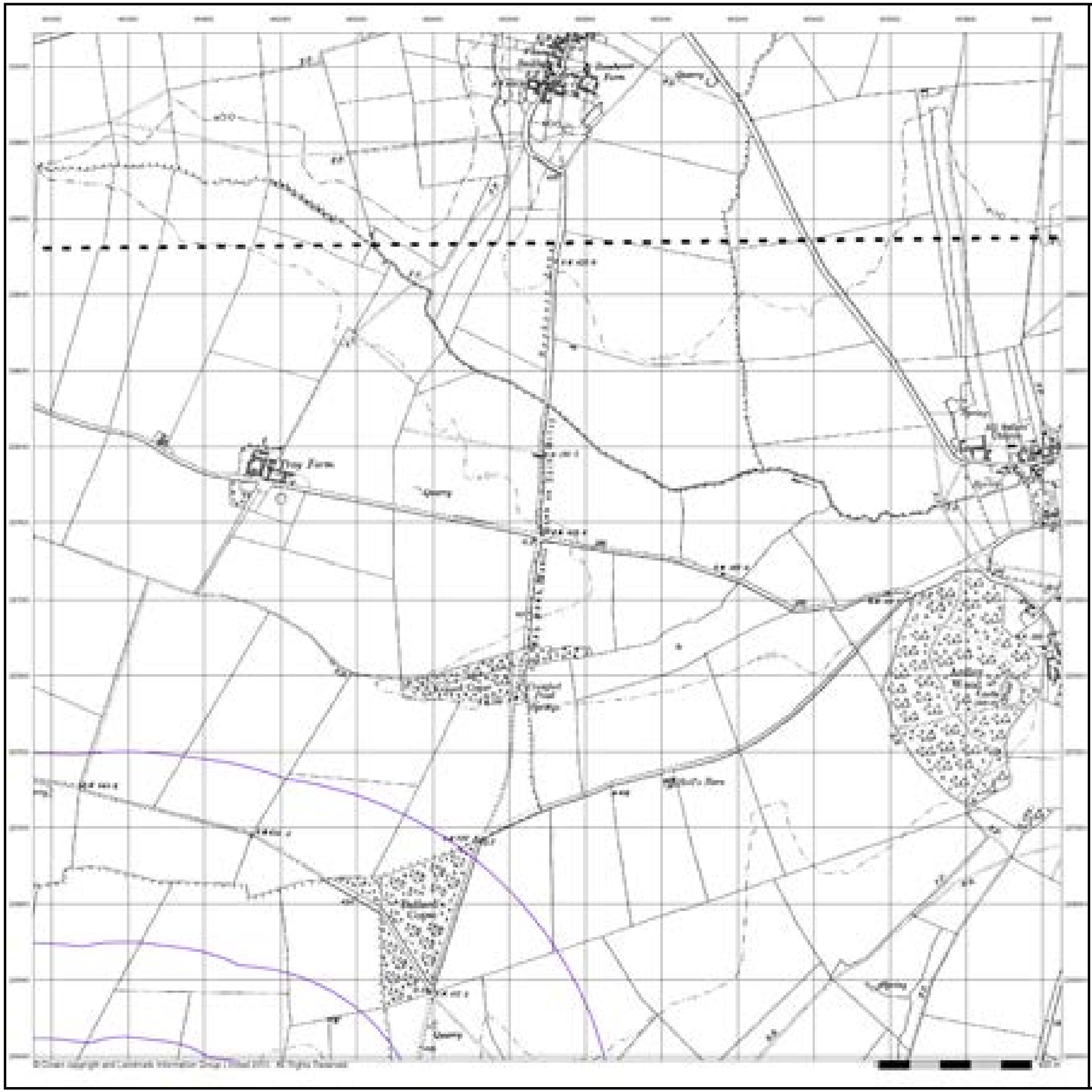


Oxfordshire

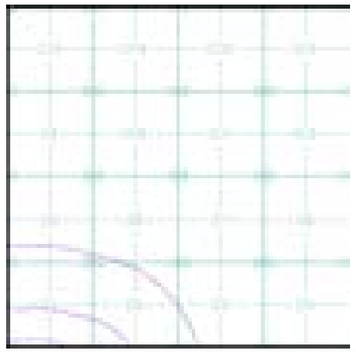
Published 1900

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)

Historical Map - Slice D



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	451980, 226740
Slice:	D
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Landmark

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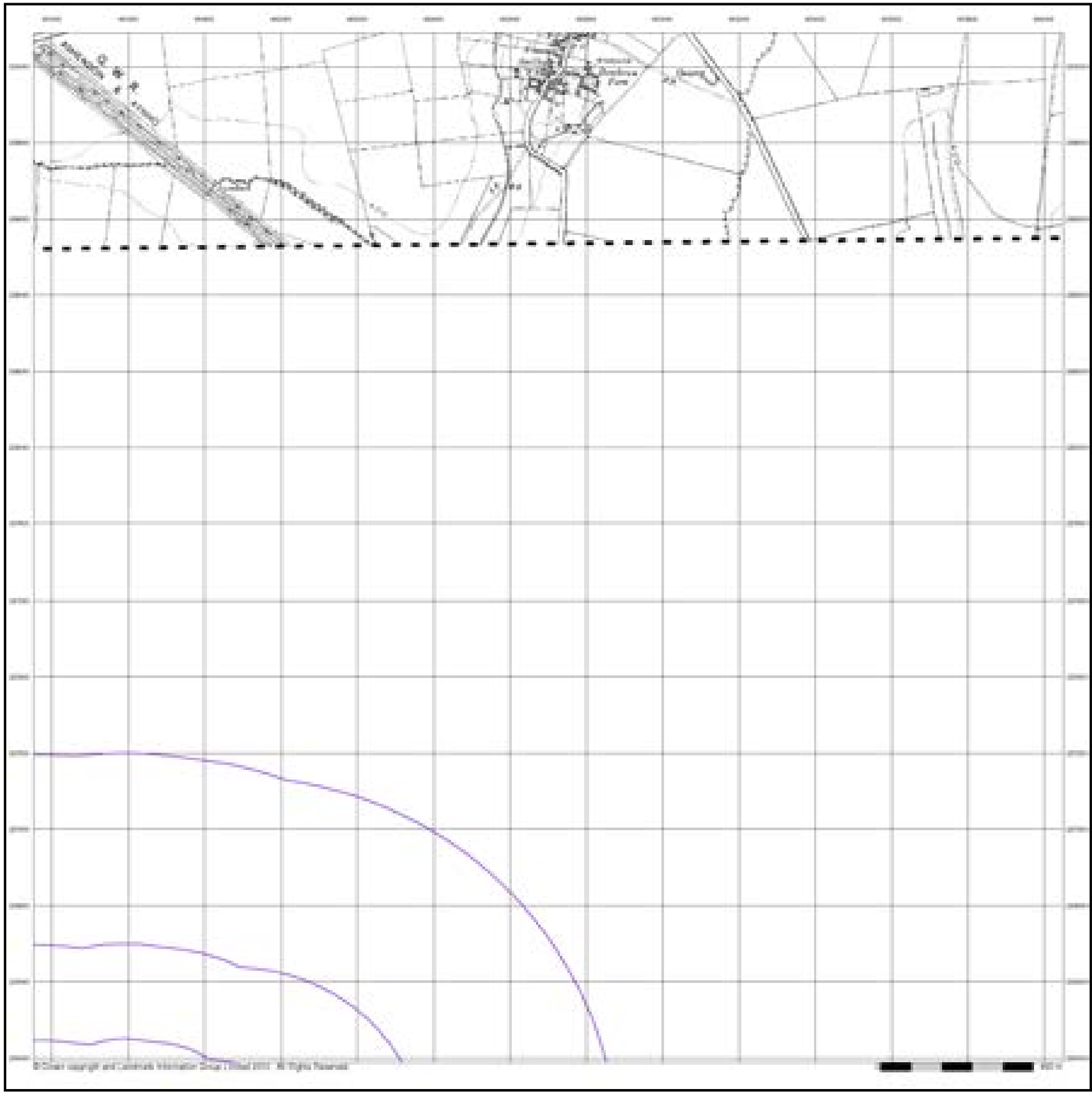
Web: www.envirocheck.co.uk



Northamptonshire

Published 1923

Source map scale - 1:10,560

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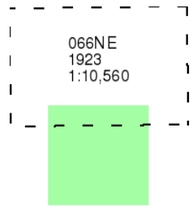
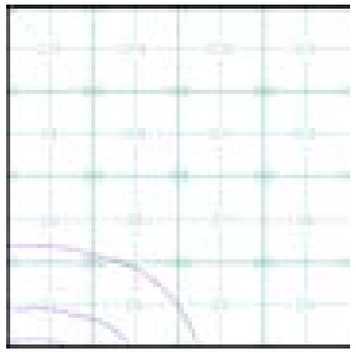
Map Name(s) and Date(s)



Historical Map - Slice D



Order Details

Order Number:	31993967_1_1
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National Grid Reference:	451980, 226740
Slice:	D
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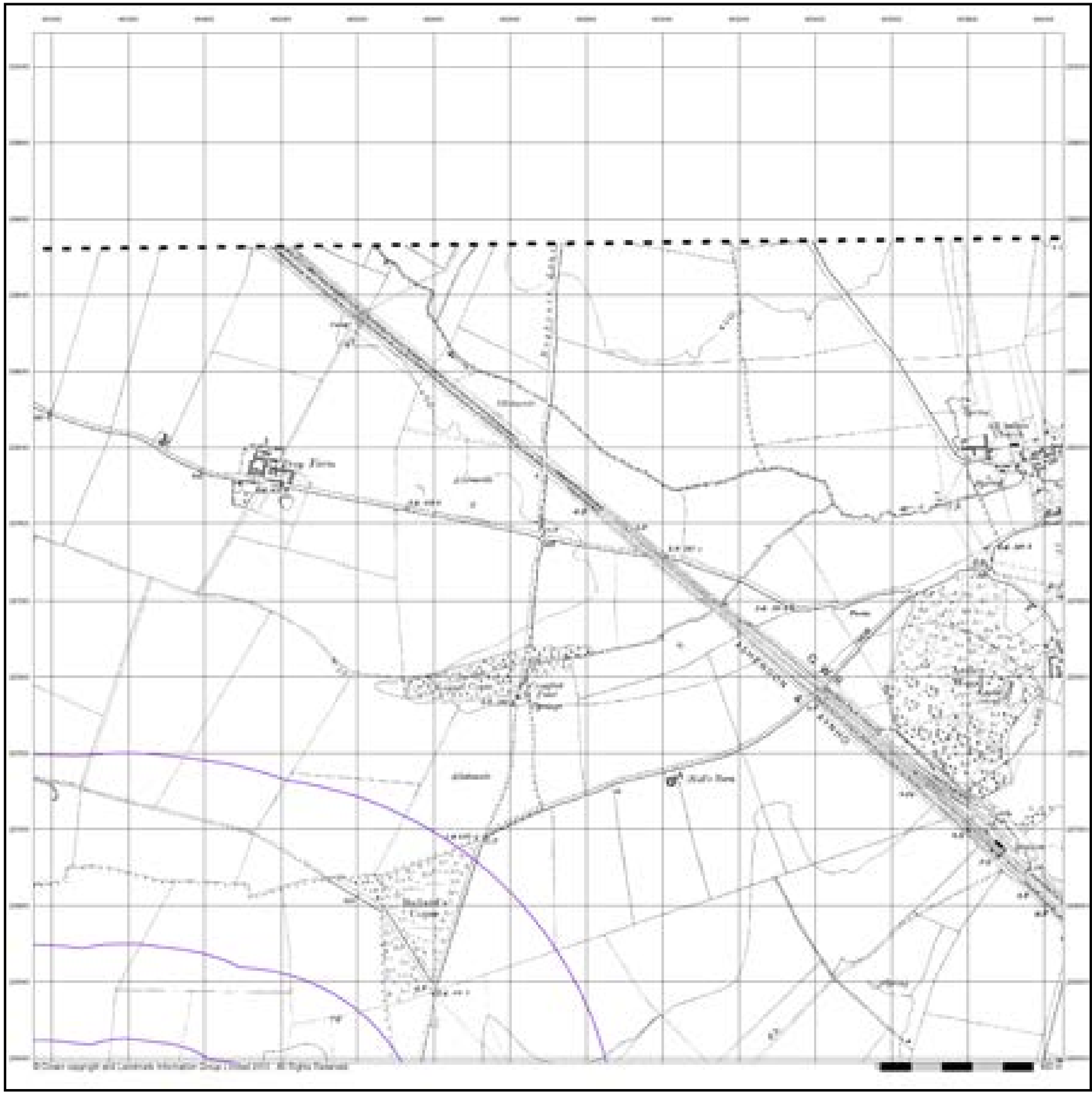
Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



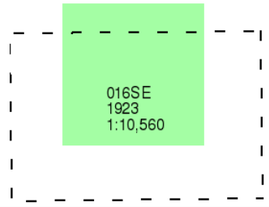
Oxfordshire

Published 1923

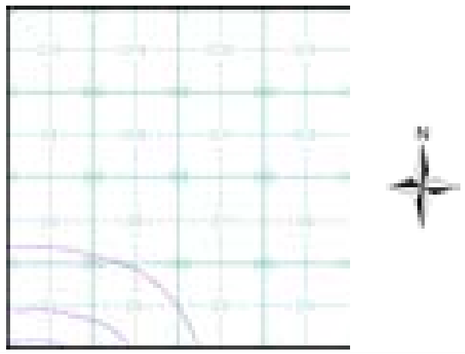
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice D



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	451980, 226740
Slice:	D
Site Area (Ha):	76.28
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Site Details

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Landmark
Tel: 0844 844 9952
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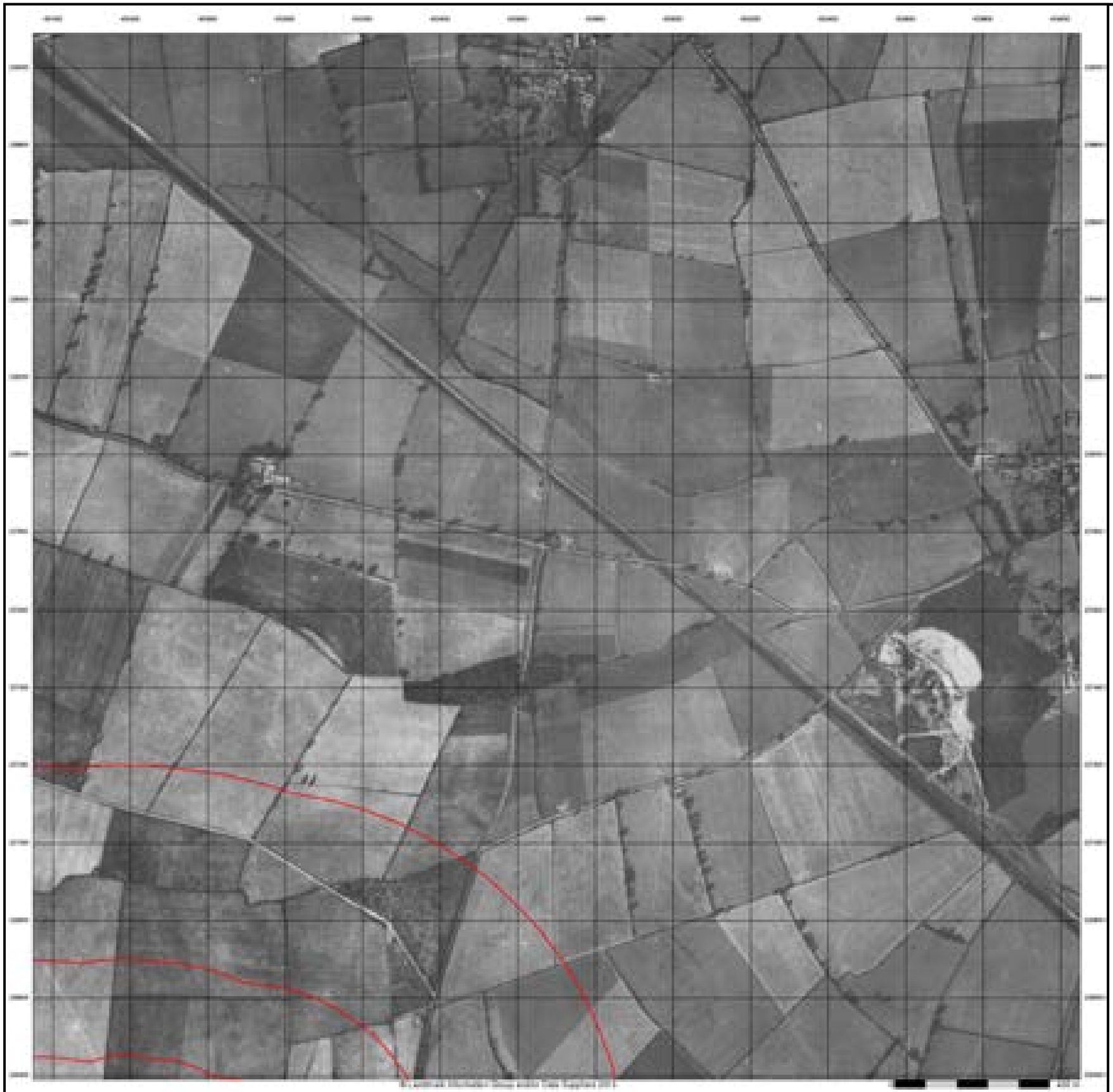

Historical Aerial Photography

Published 1947

Source map scale - 1:10,560

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

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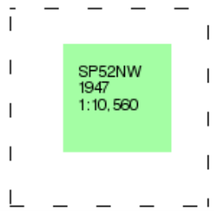
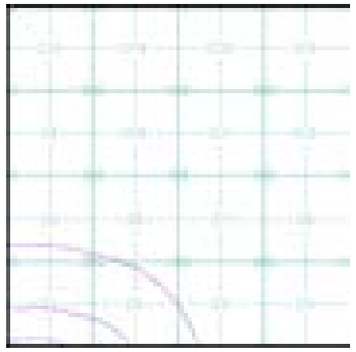
Map Name(s) and Date(s)



Historical Aerial Photography - Slice D



BRITISH LIBRARY

Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	451980, 226740
Slice:	D
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Tel: 0844 844 9952
Fax: 0844 844 9951
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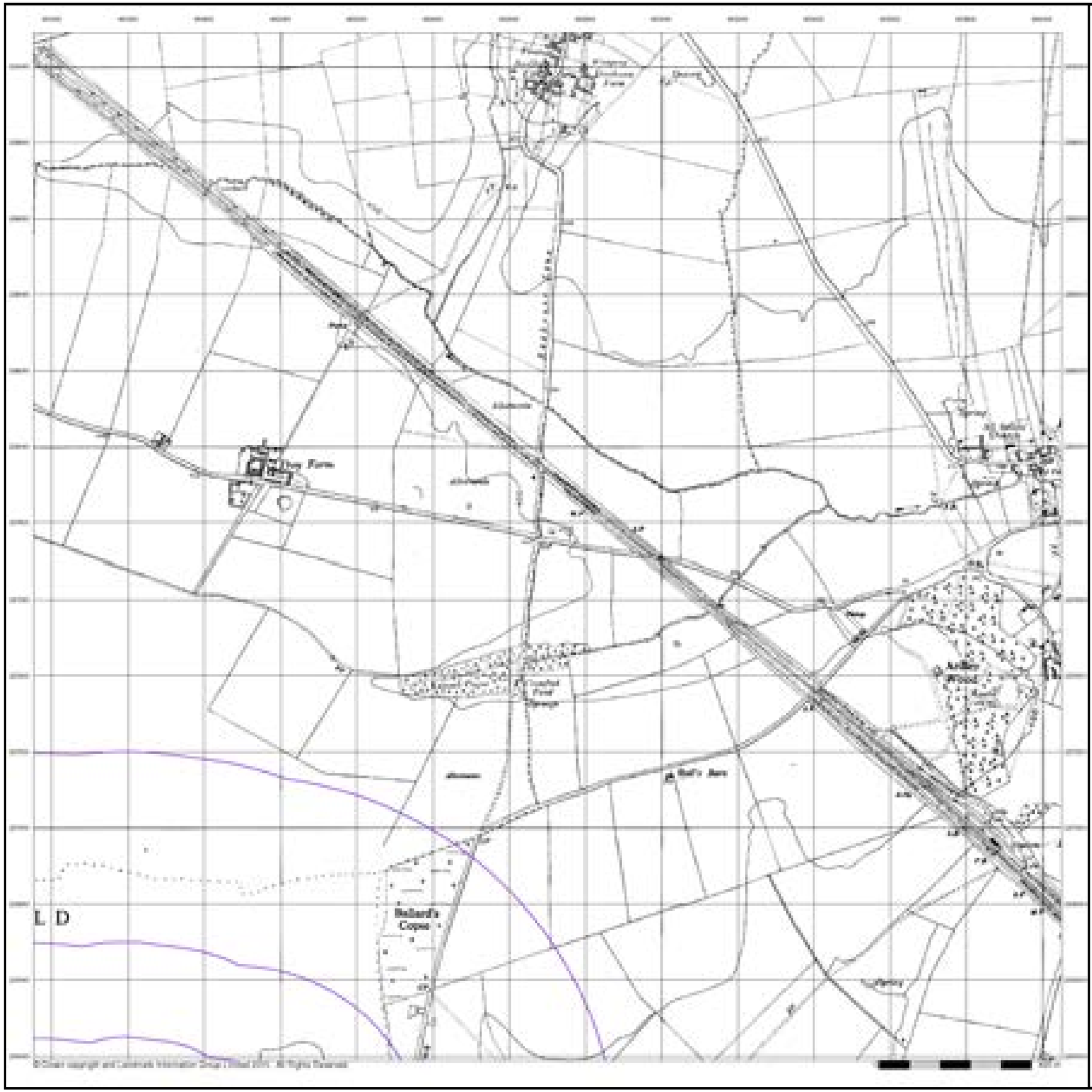


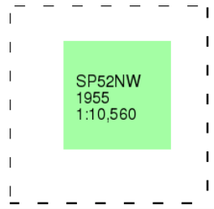
Ordnance Survey Plan

Published 1955

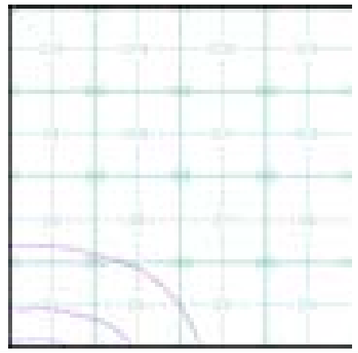
Source map scale - 1:10,000

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 D



Order Details

Order Number:	31993967_1_1
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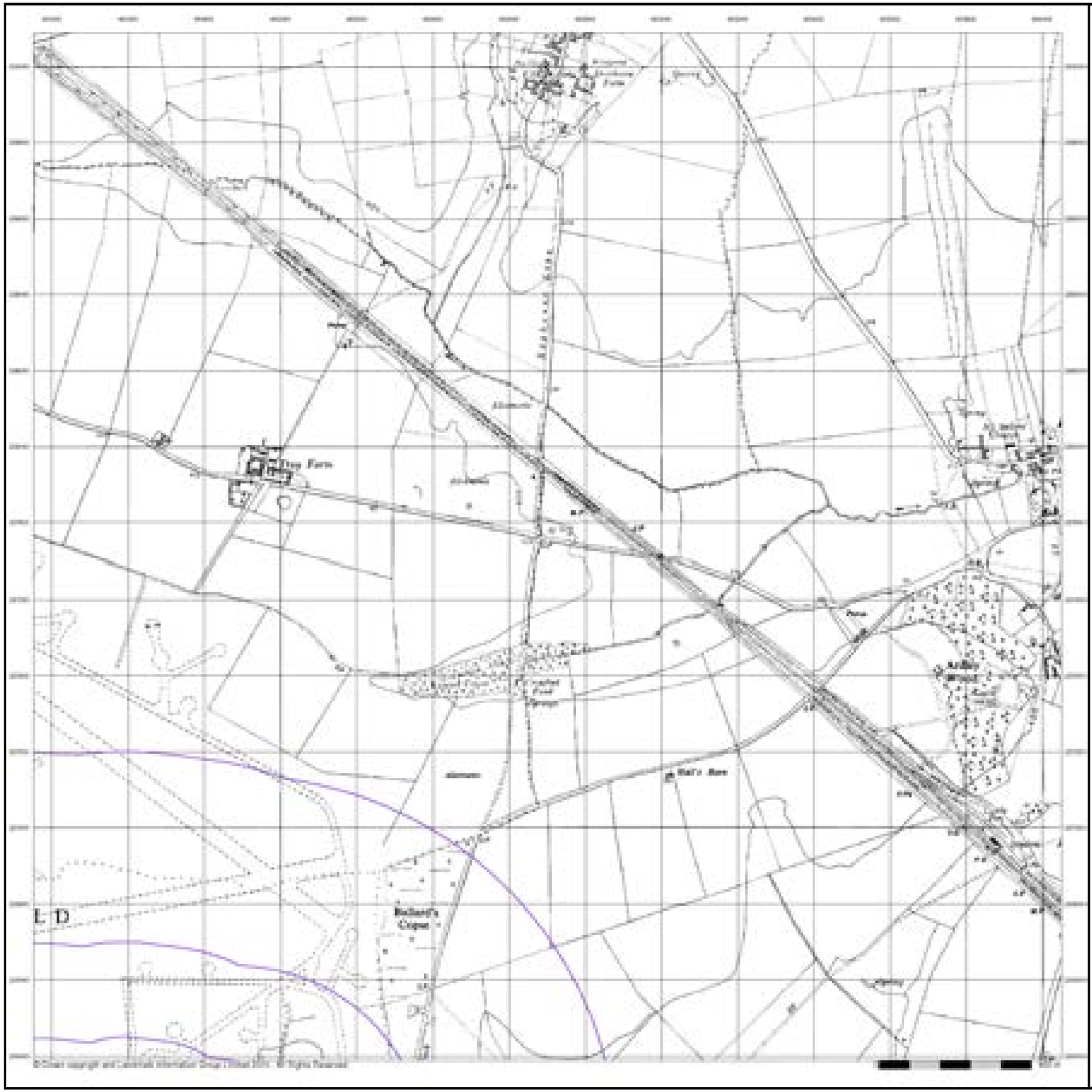


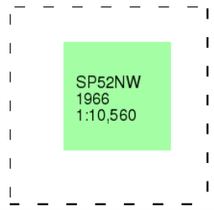
Ordnance Survey Plan

Published 1966

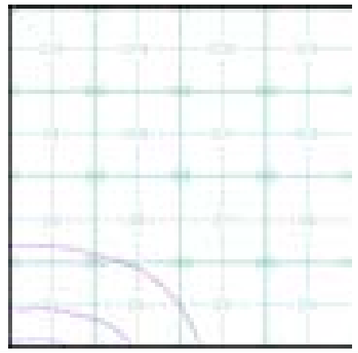
Source map scale - 1:10,000

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 D



Order Details

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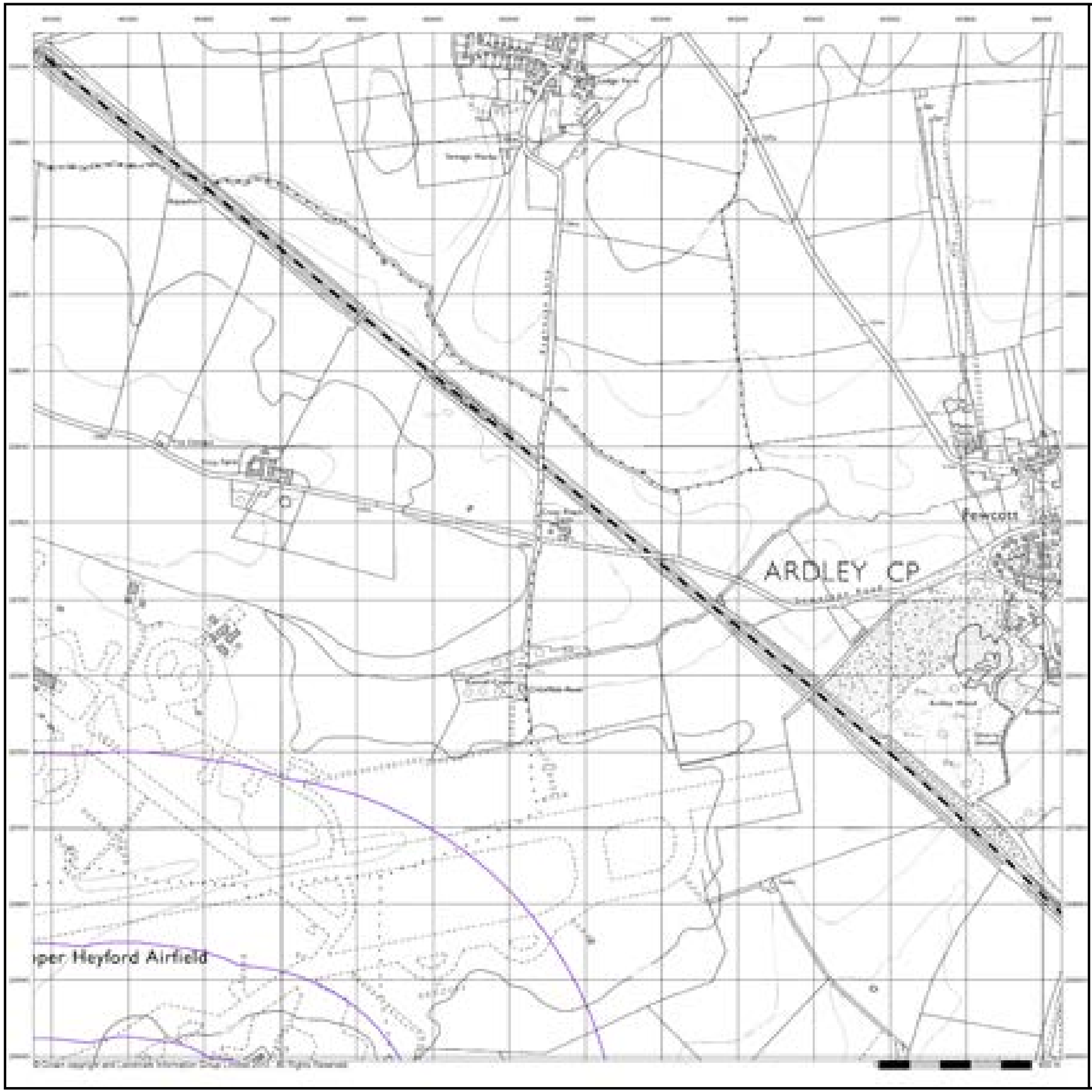

Ordnance Survey Plan

Published 1982

Source map scale - 1:10,000

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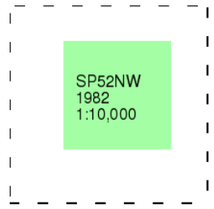
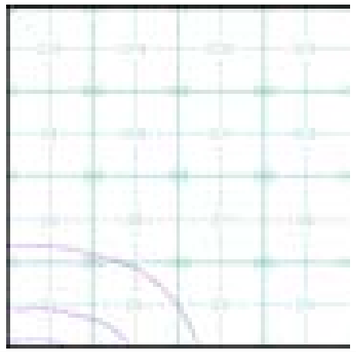
Map Name(s) and Date(s)



Historical Map - Slice D



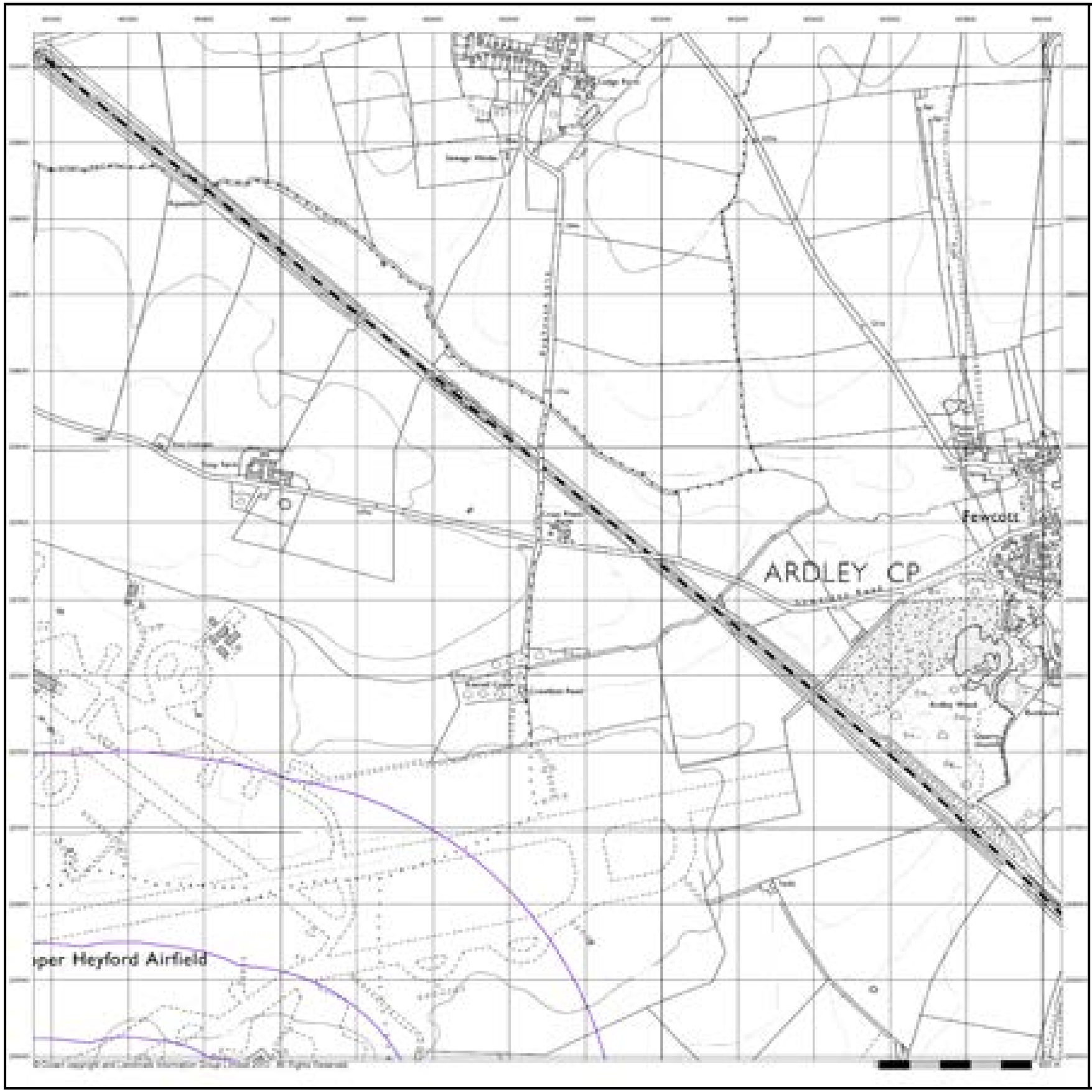
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	451980, 226740
Slice:	D
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



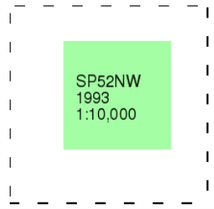
Ordnance Survey Plan

Published 1993

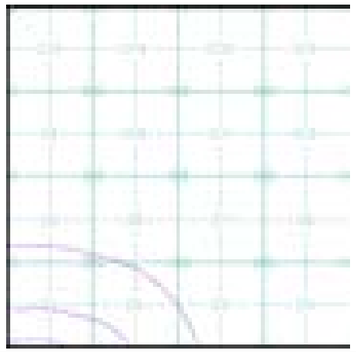
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice D



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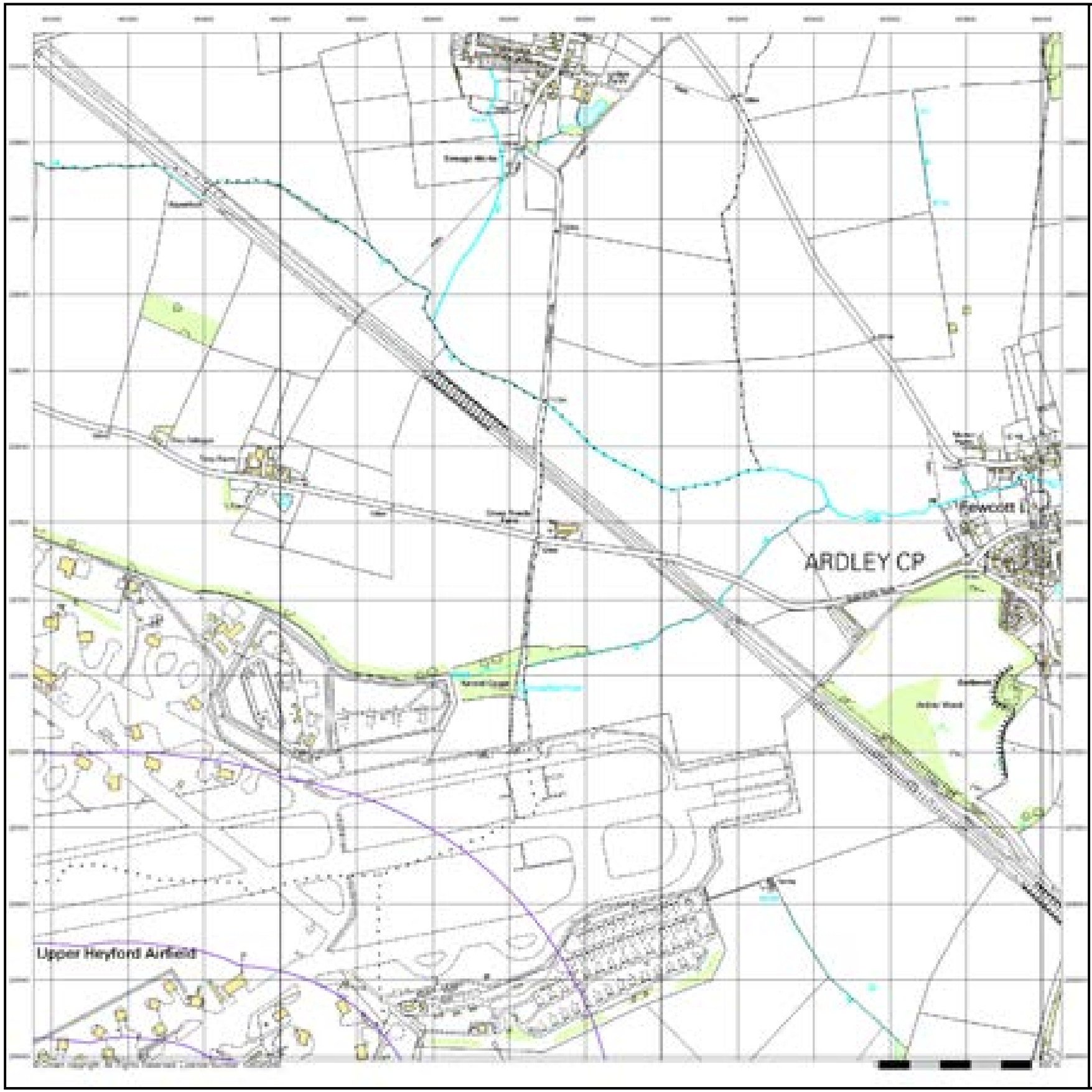


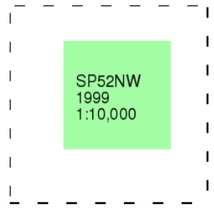
10k Raster Mapping

Published 1999

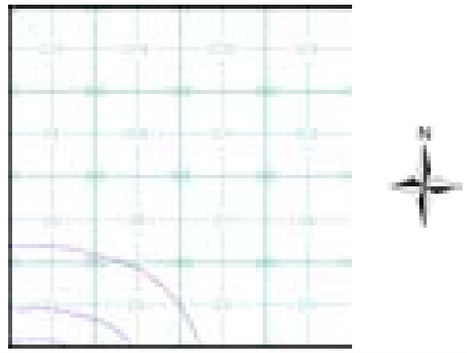
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice D



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	451980, 226740
Slice:	D
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

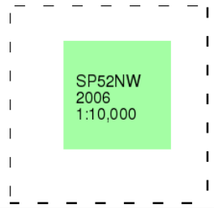
10k Raster Mapping

Published 2006

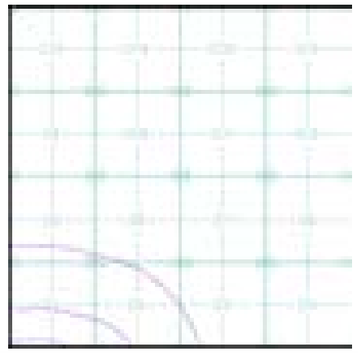
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice D



Order Details

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Site Details

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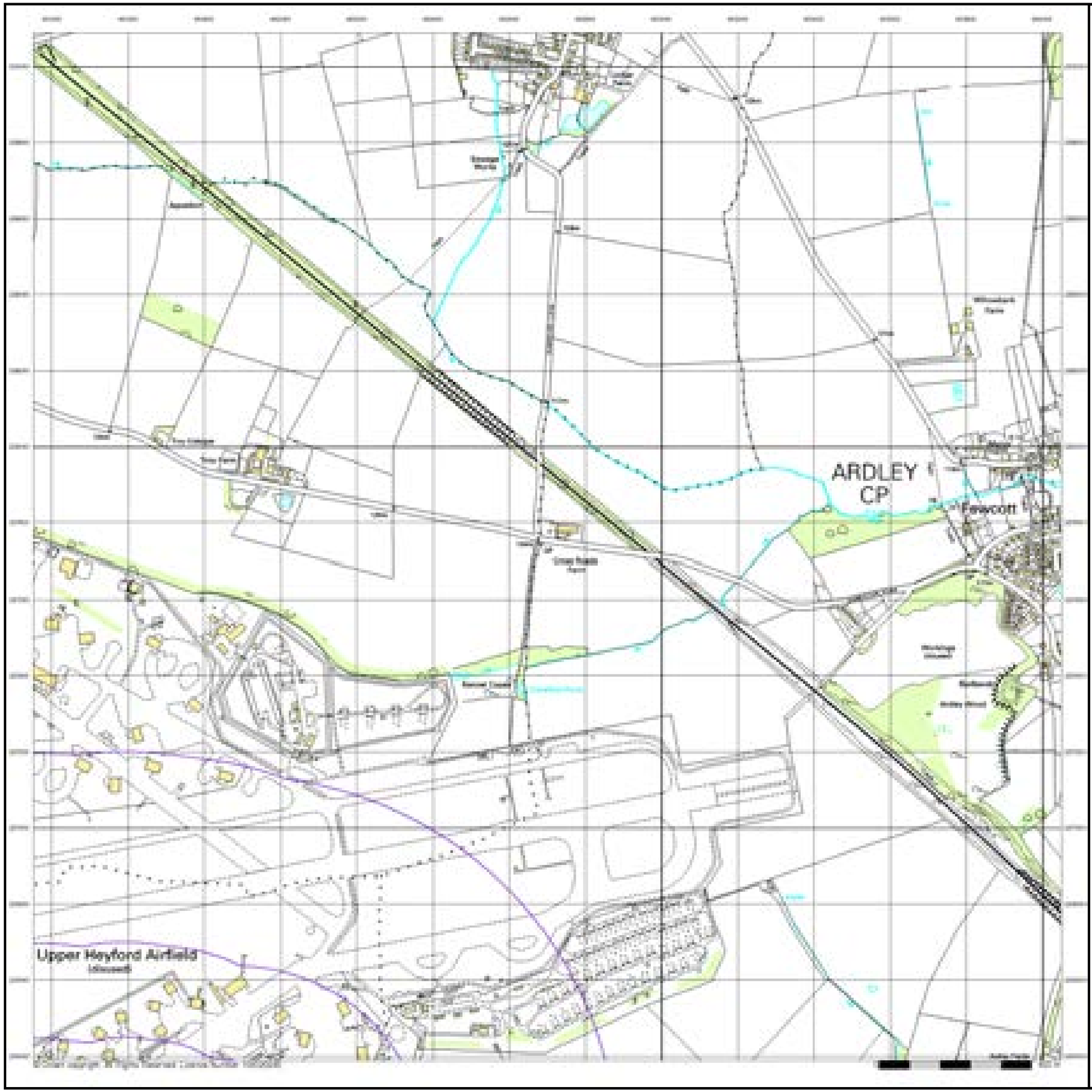


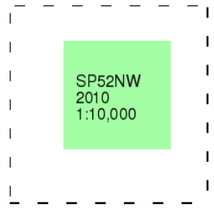
10k Raster Mapping

Published 2010

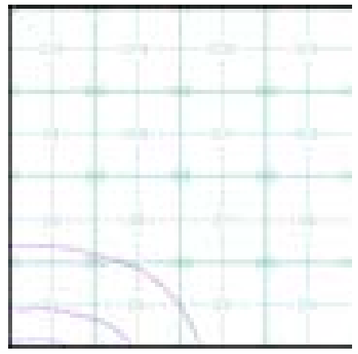
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice D



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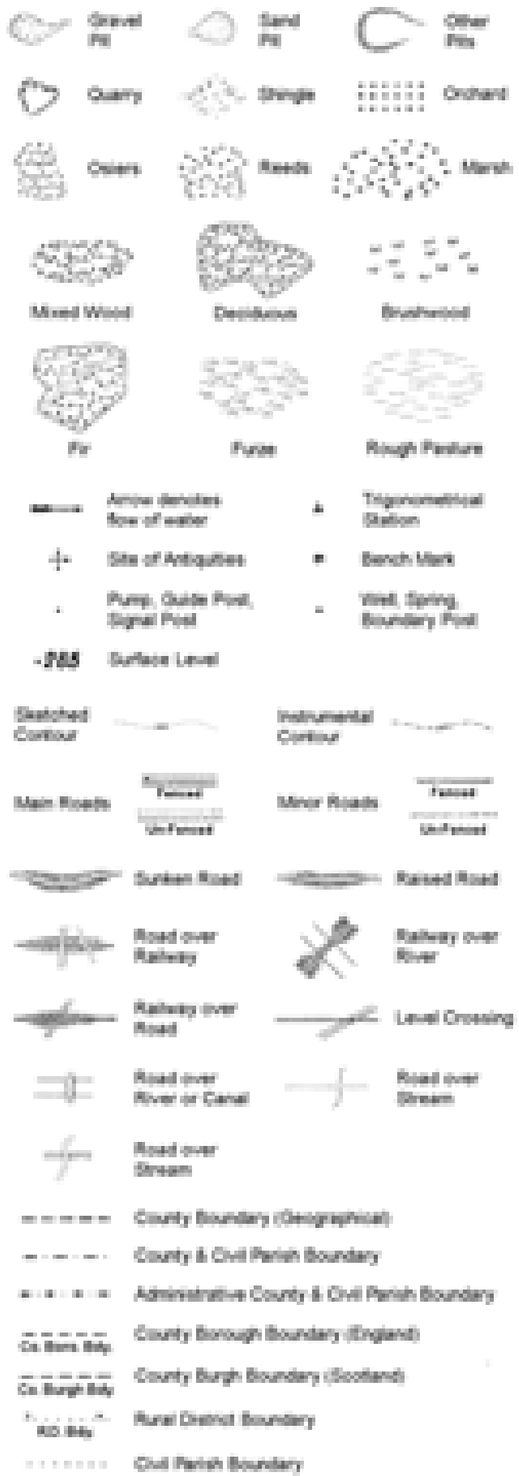
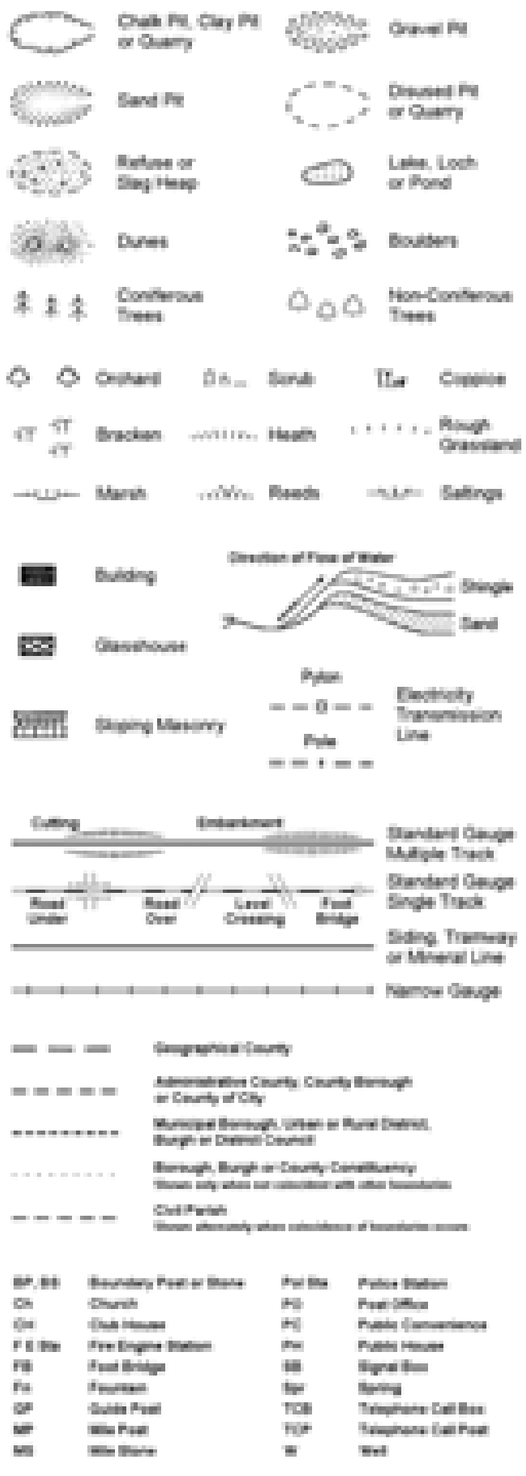
Historical Mapping Legends

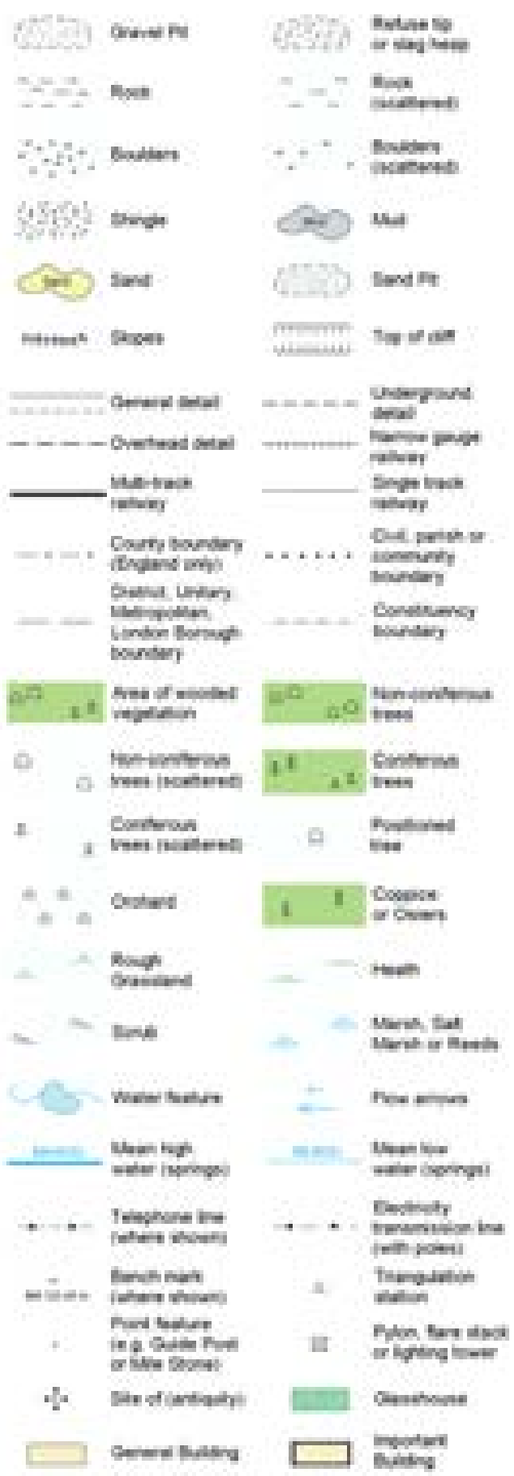
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



1:10,000 Raster Mapping

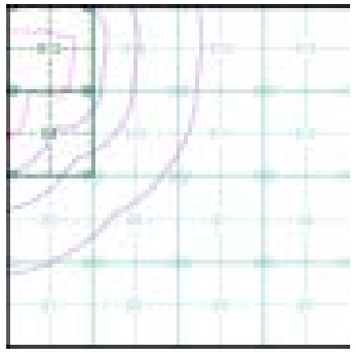


Waterman

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:10,560	1884 - 1885	2
Oxfordshire	1:10,560	1900	3
Oxfordshire	1:10,560	1923	4
Historical Aerial Photography	1:10,560	1947	5
Ordnance Survey Plan	1:10,000	1955	6
Ordnance Survey Plan	1:10,000	1966	7
Ordnance Survey Plan	1:10,000	1982	8
Ordnance Survey Plan	1:10,000	1993	9
10K Raster Mapping	1:10,000	1999	10
10K Raster Mapping	1:10,000	2006	11
10K Raster Mapping	1:10,000	2010	12

Historical Map - Slice B



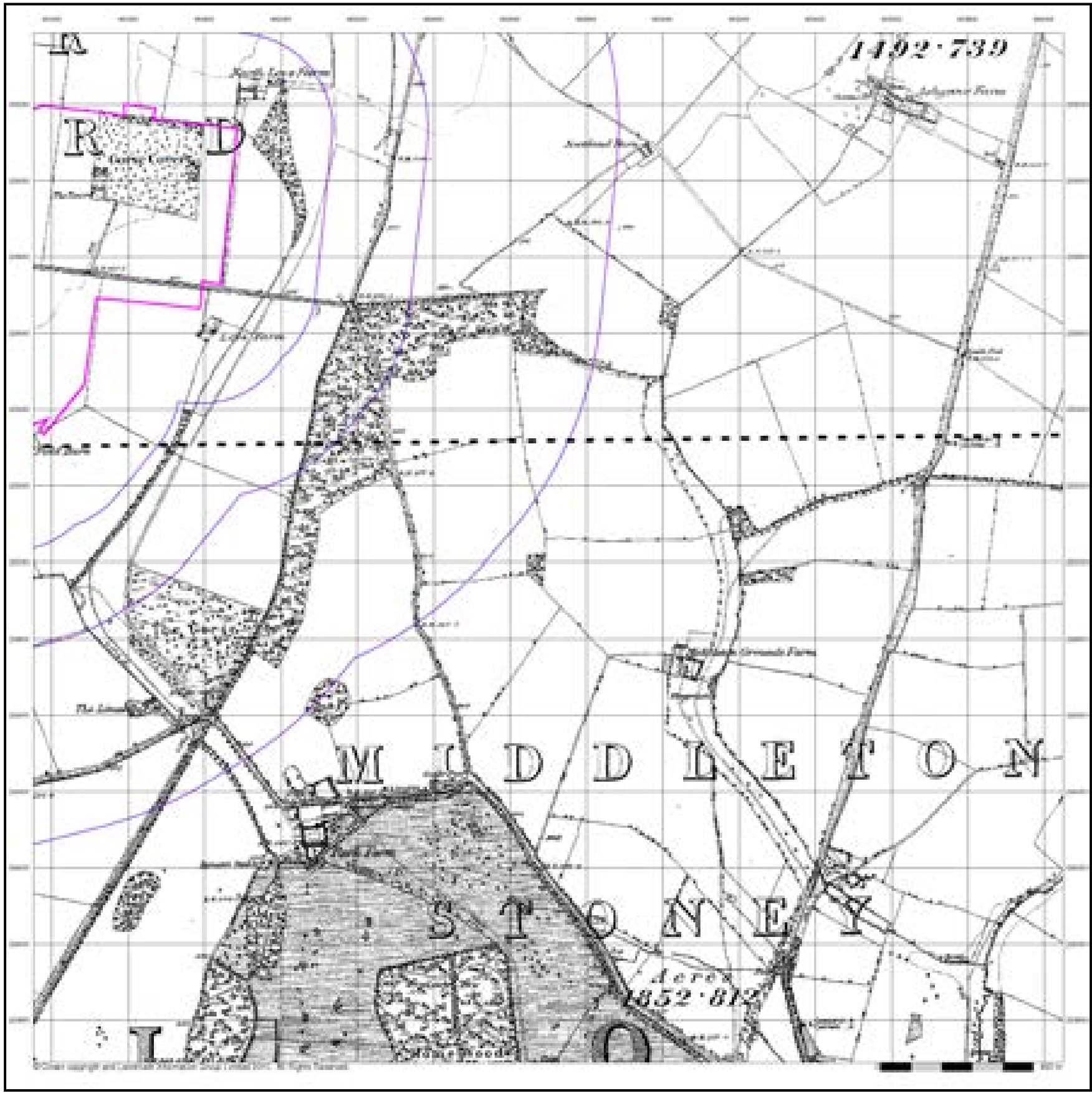
Order Details

Order Number: 31993967_1_1
Customer Ref: 10658
National Grid Reference: 452020, 225510
Slice: B
Site Area (Ha): 76.28
Search Buffer (m): 1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



Oxfordshire

Published 1884 - 1885

Source map scale - 1:10,560

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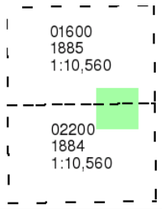
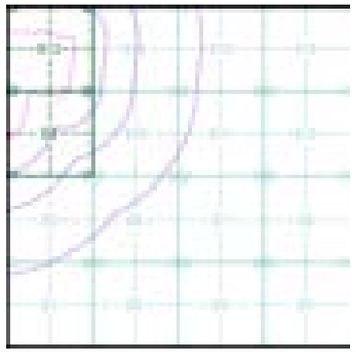
Map Name(s) and Date(s)



Historical Map - Slice B



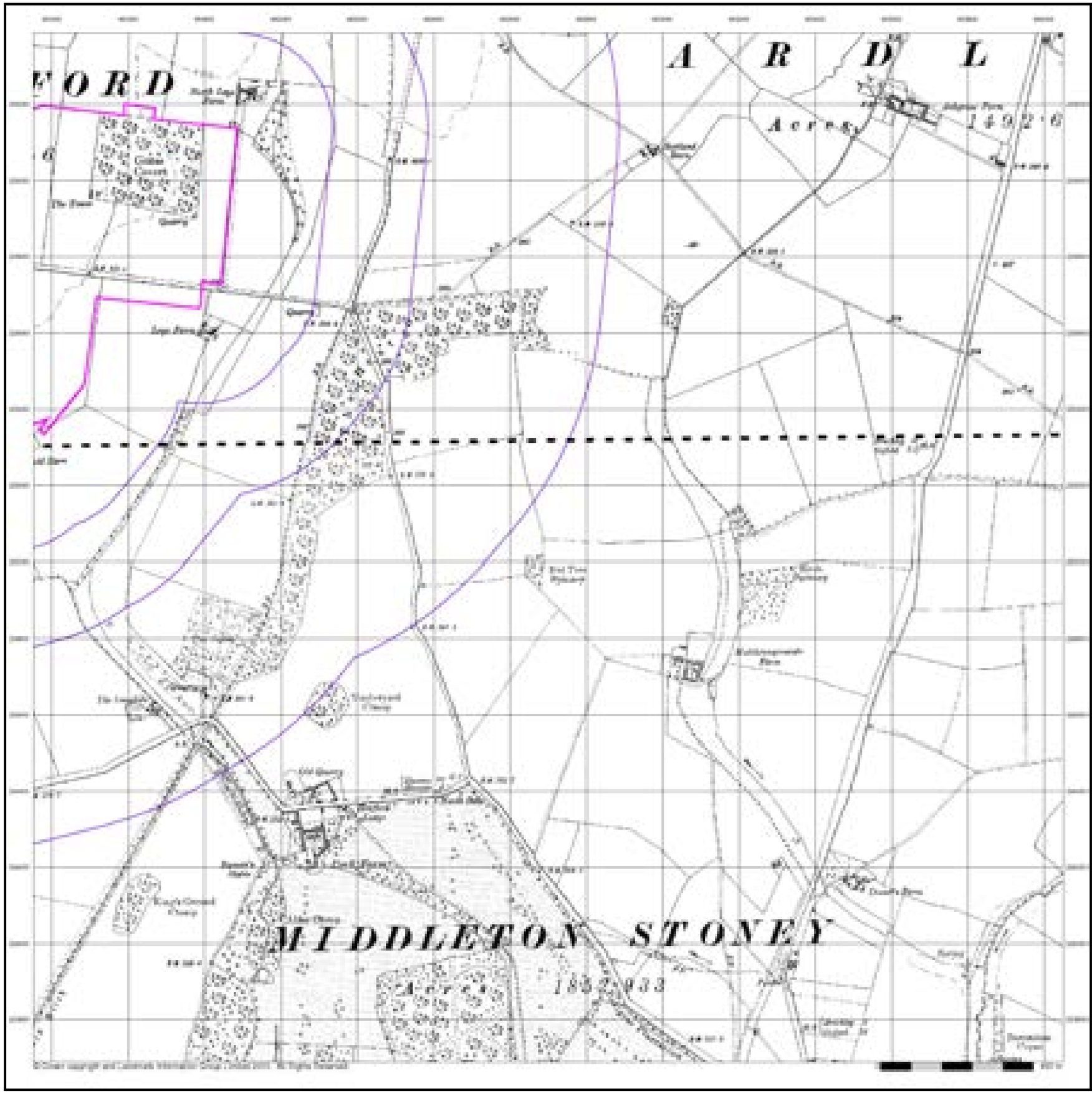
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



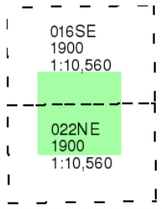
Oxfordshire

Published 1900

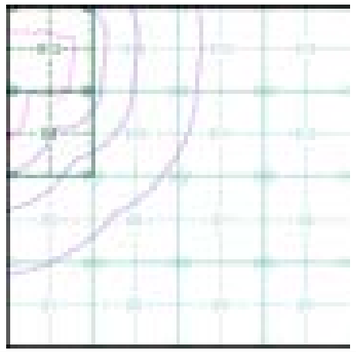
Source map scale - 1:10,560

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)



Historical Map - Slice B



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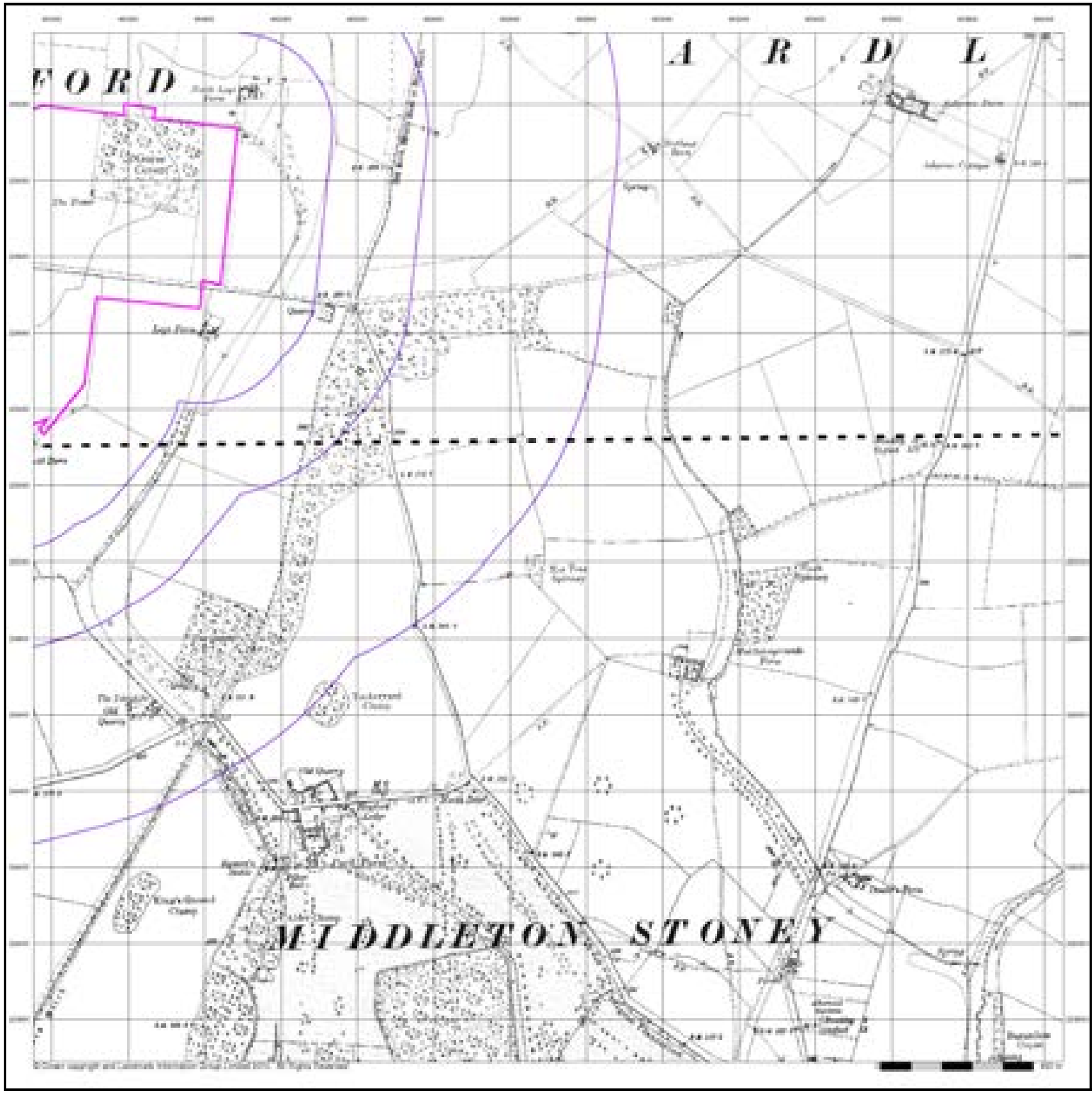


Oxfordshire

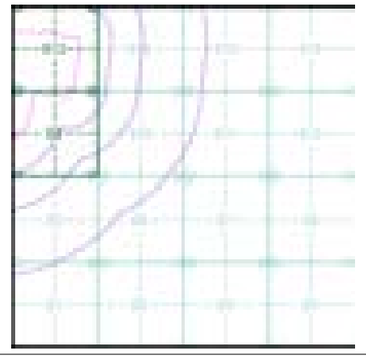
Published 1923

Source map scale - 1:10,560

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

Map Name(s) and Date(s)

Historical Map - Slice B



Order Details

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Landmark
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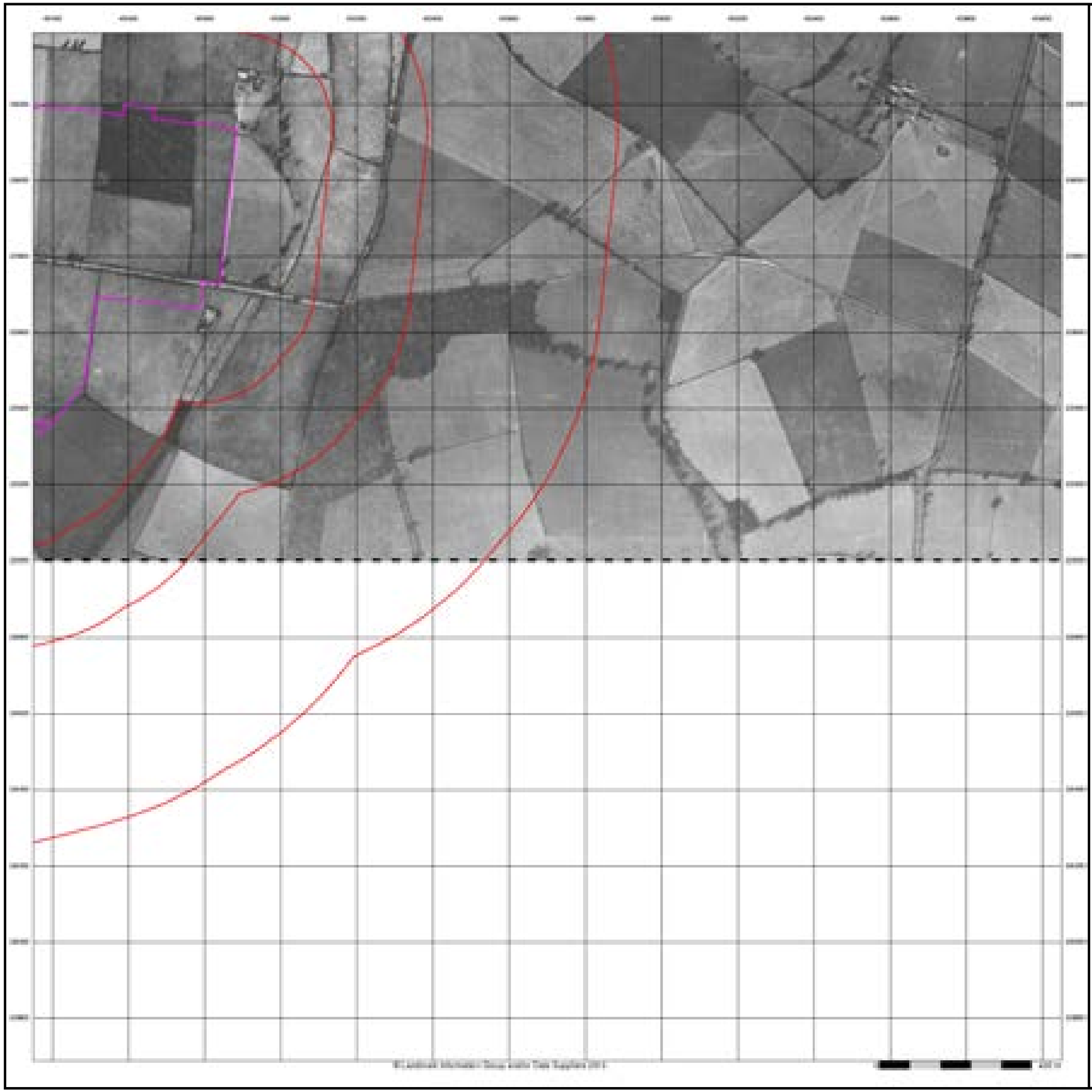


Historical Aerial Photography

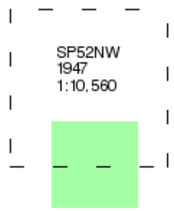
Published 1947

Source map scale - 1:10,560

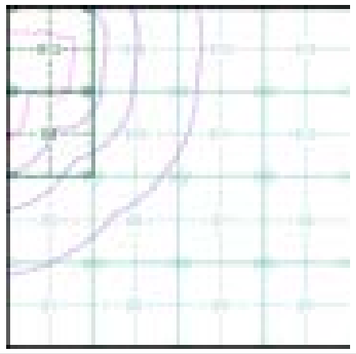
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

© Landmark Information Group and/or Data Suppliers 2010.

Map Name(s) and Date(s)



Historical Aerial Photography - Slice B



BRITISH LIBRARY

Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
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Search Buffer (m):	1000

Site Details

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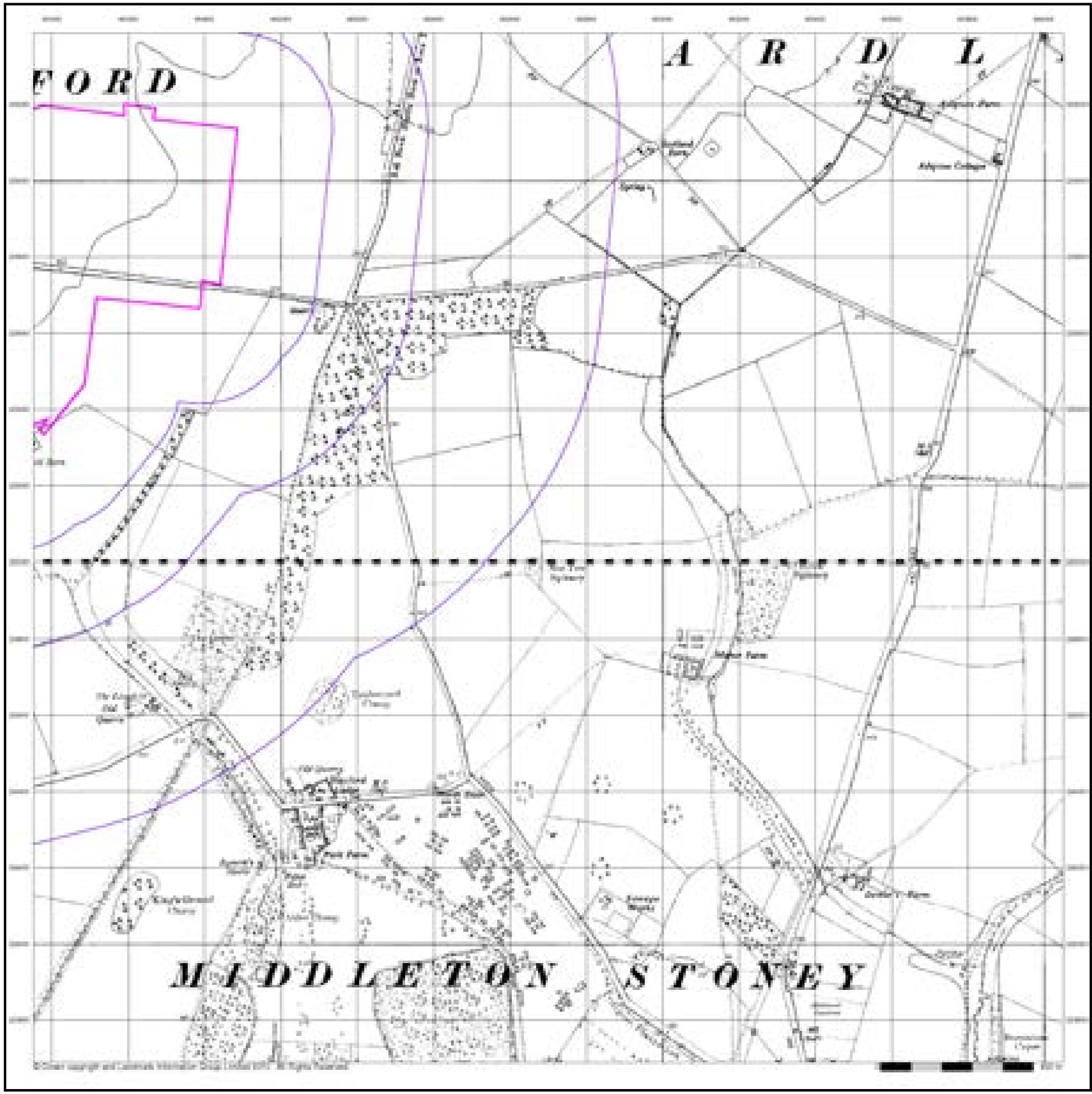

Ordnance Survey Plan

Published 1955

Source map scale - 1:10,000

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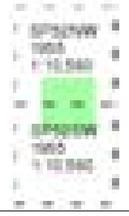
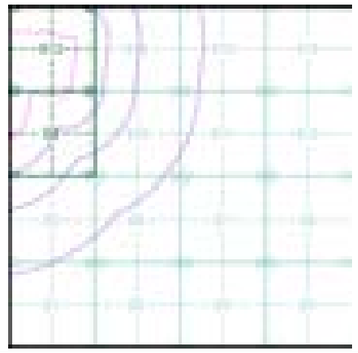


Historical Map - Slice B



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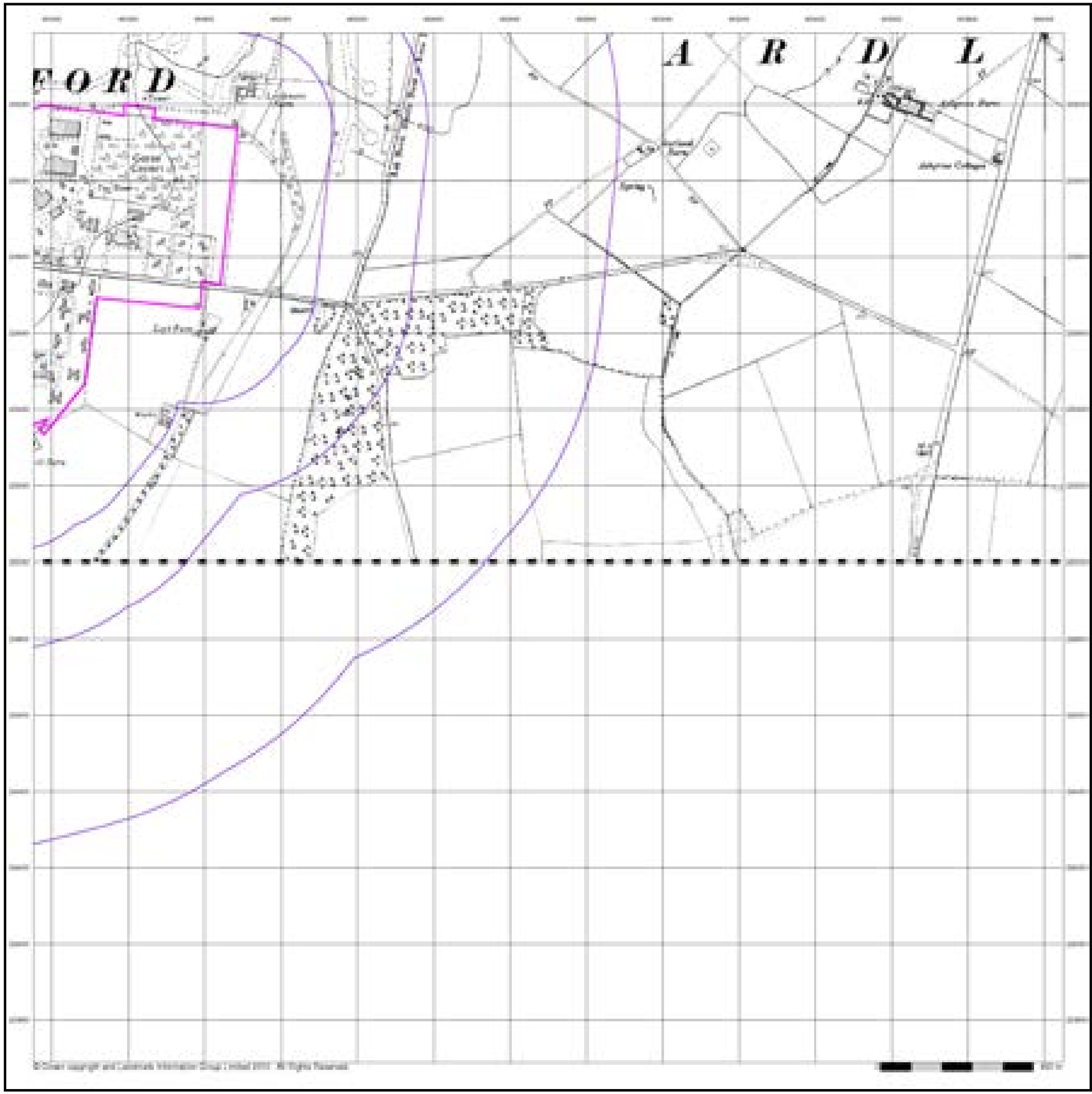


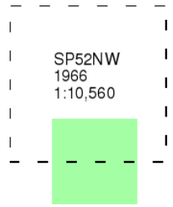
Ordnance Survey Plan

Published 1966

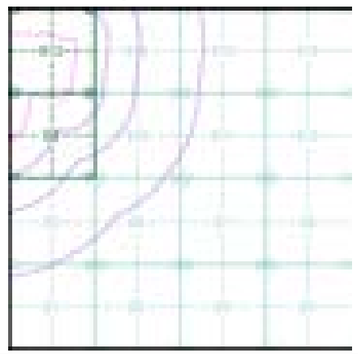
Source map scale - 1:10,000

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 B



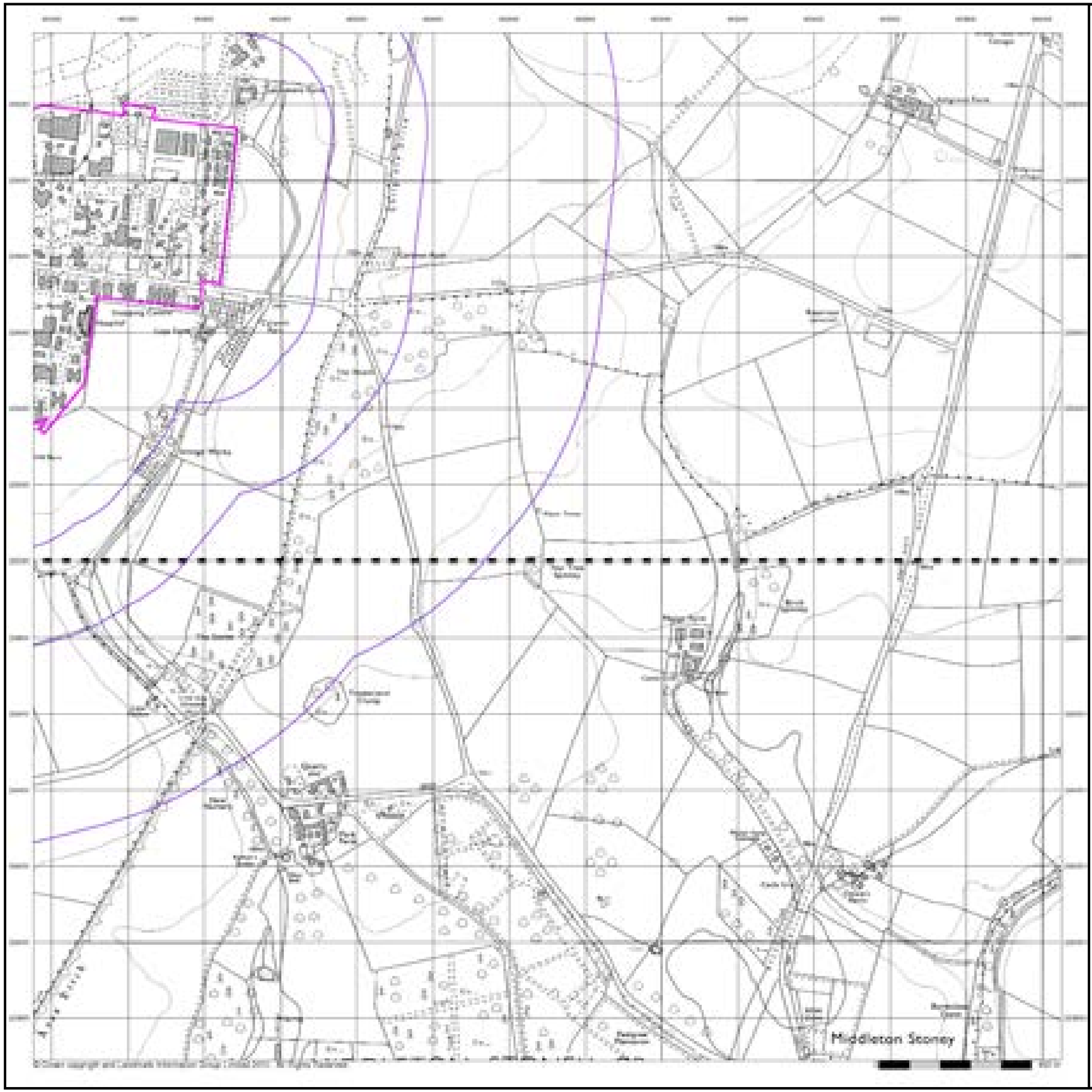
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



Ordnance Survey Plan

Published 1982

Source map scale - 1:10,000

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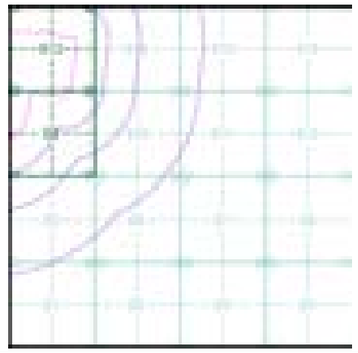
Map Name(s) and Date(s)

Historical Map - Slice B



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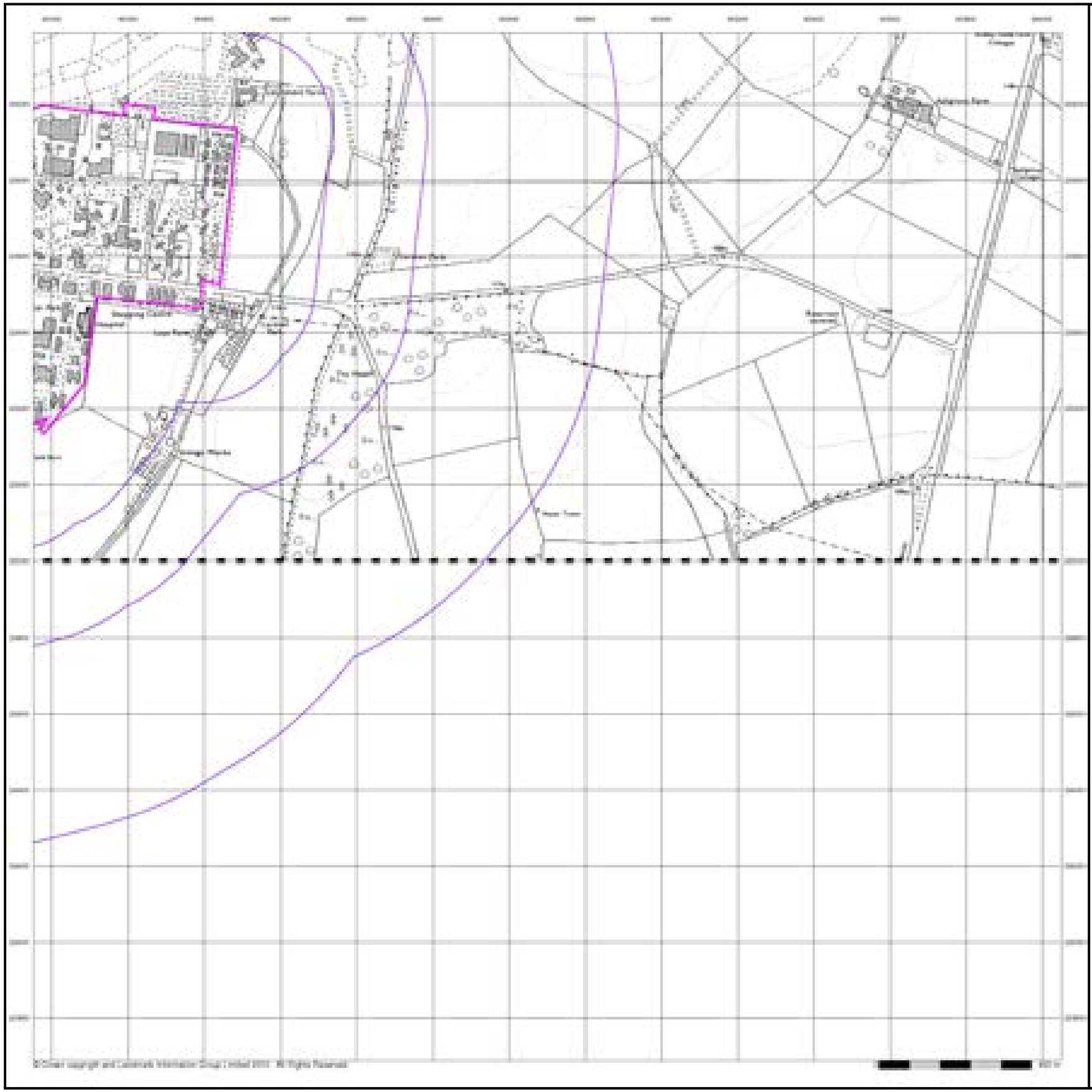

Ordnance Survey Plan

Published 1993

Source map scale - 1:10,000

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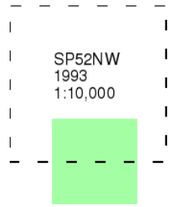
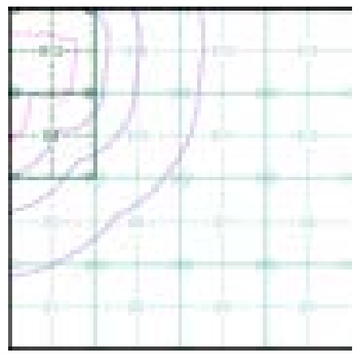


Historical Map - Slice B



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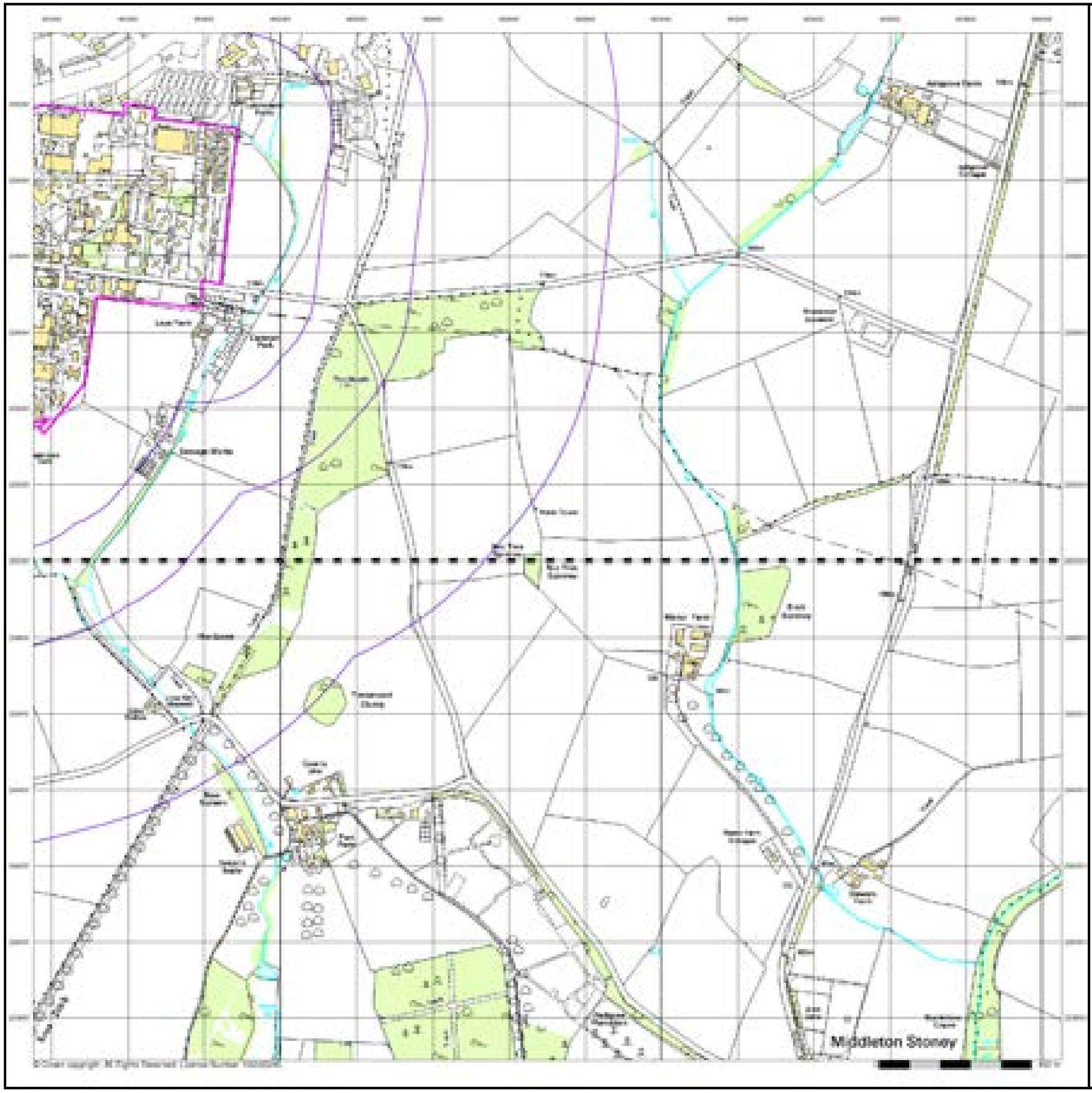


10k Raster Mapping

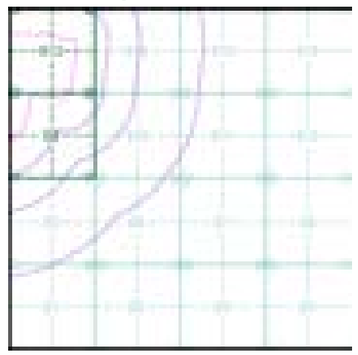
Published 1999

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

Historical Map - Slice B



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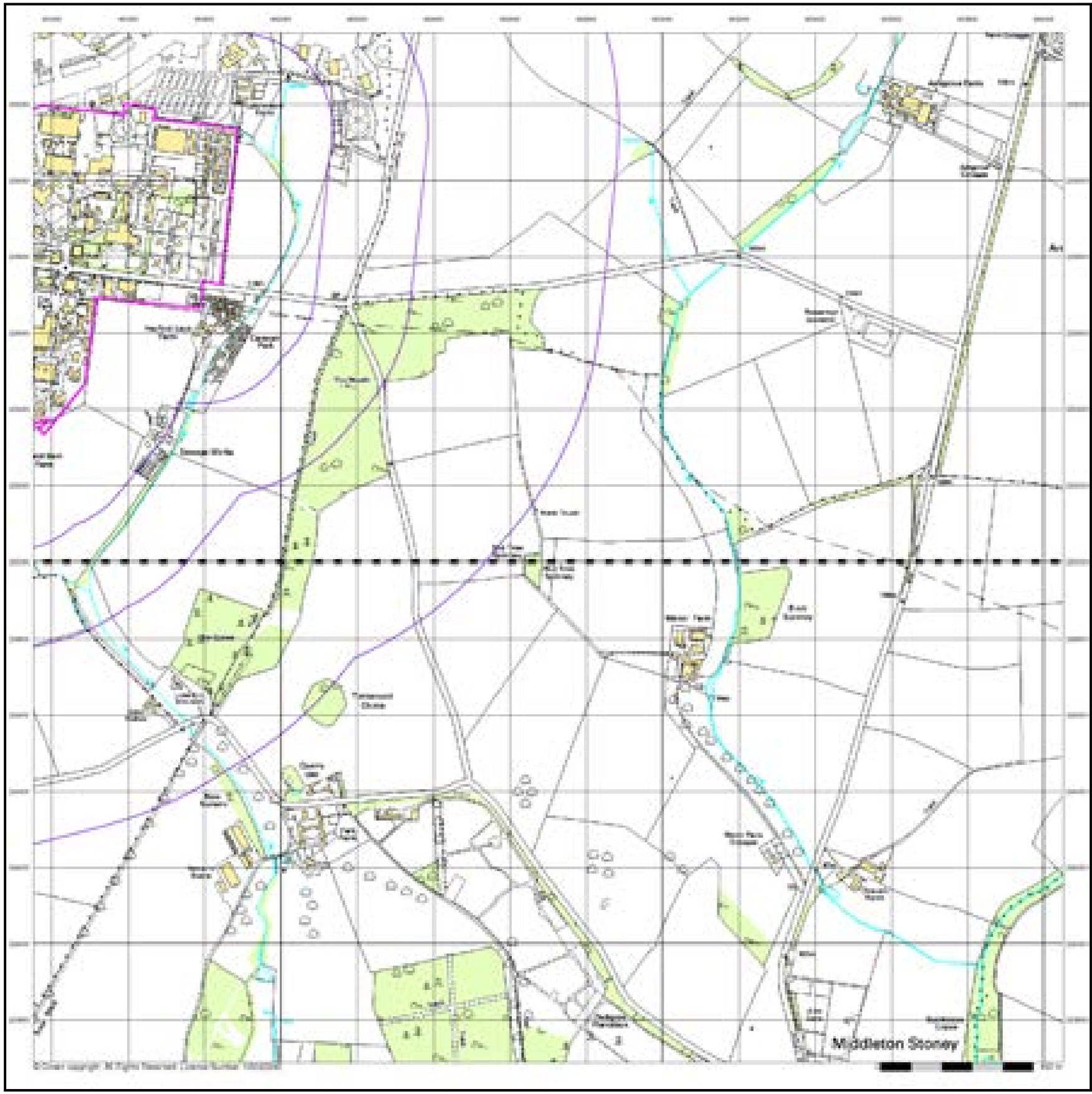

10k Raster Mapping

Published 2006

Source map scale - 1:10,000

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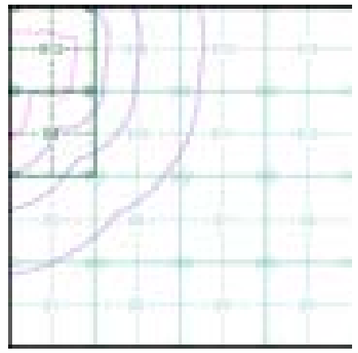
Map Name(s) and Date(s)

Historical Map - Slice B



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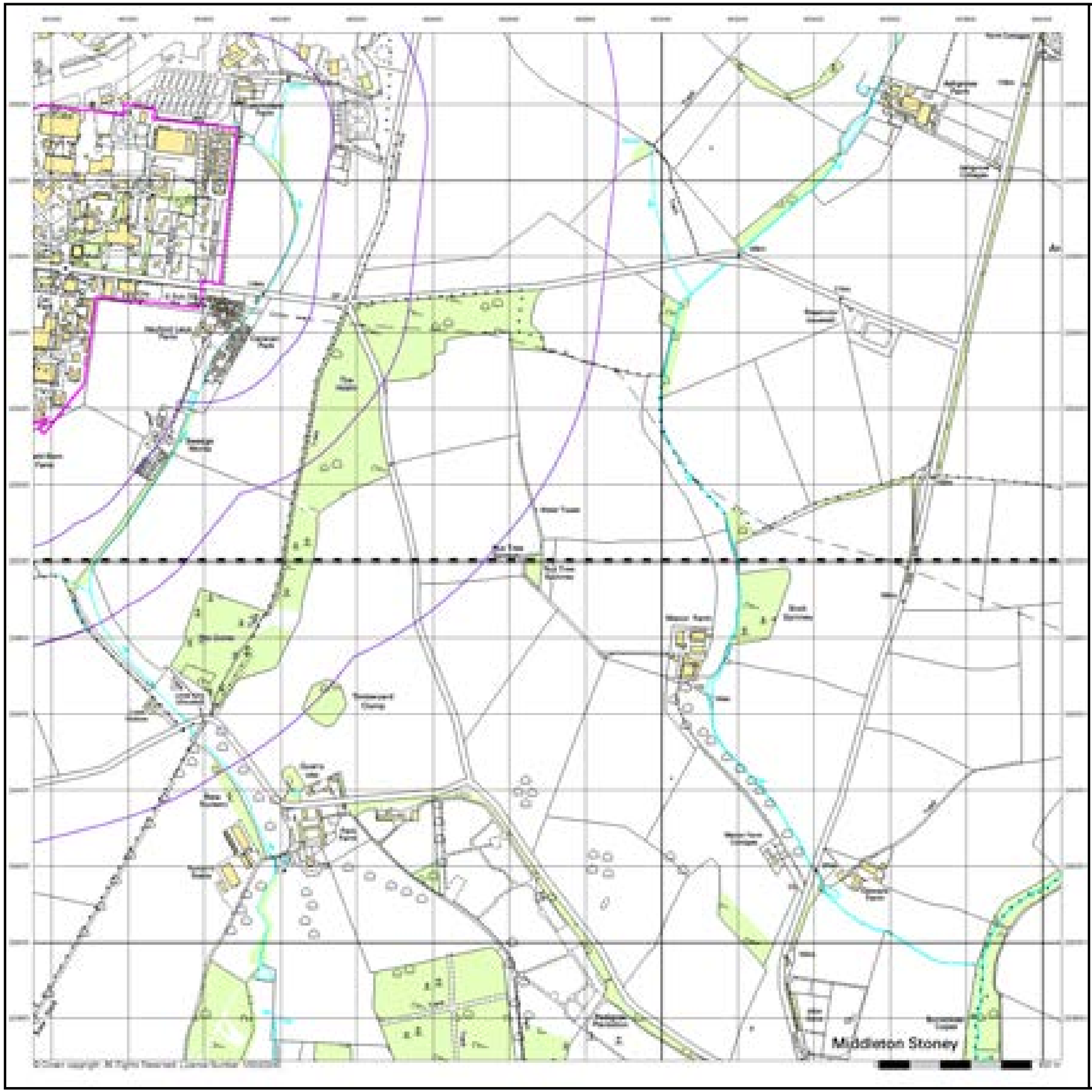

10k Raster Mapping

Published 2010

Source map scale - 1:10,000

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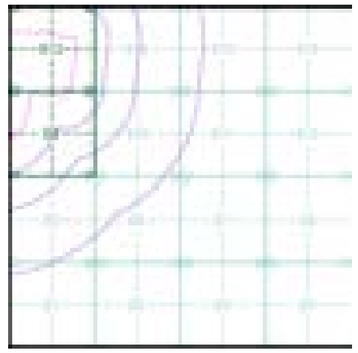
Map Name(s) and Date(s)

Historical Map - Slice B



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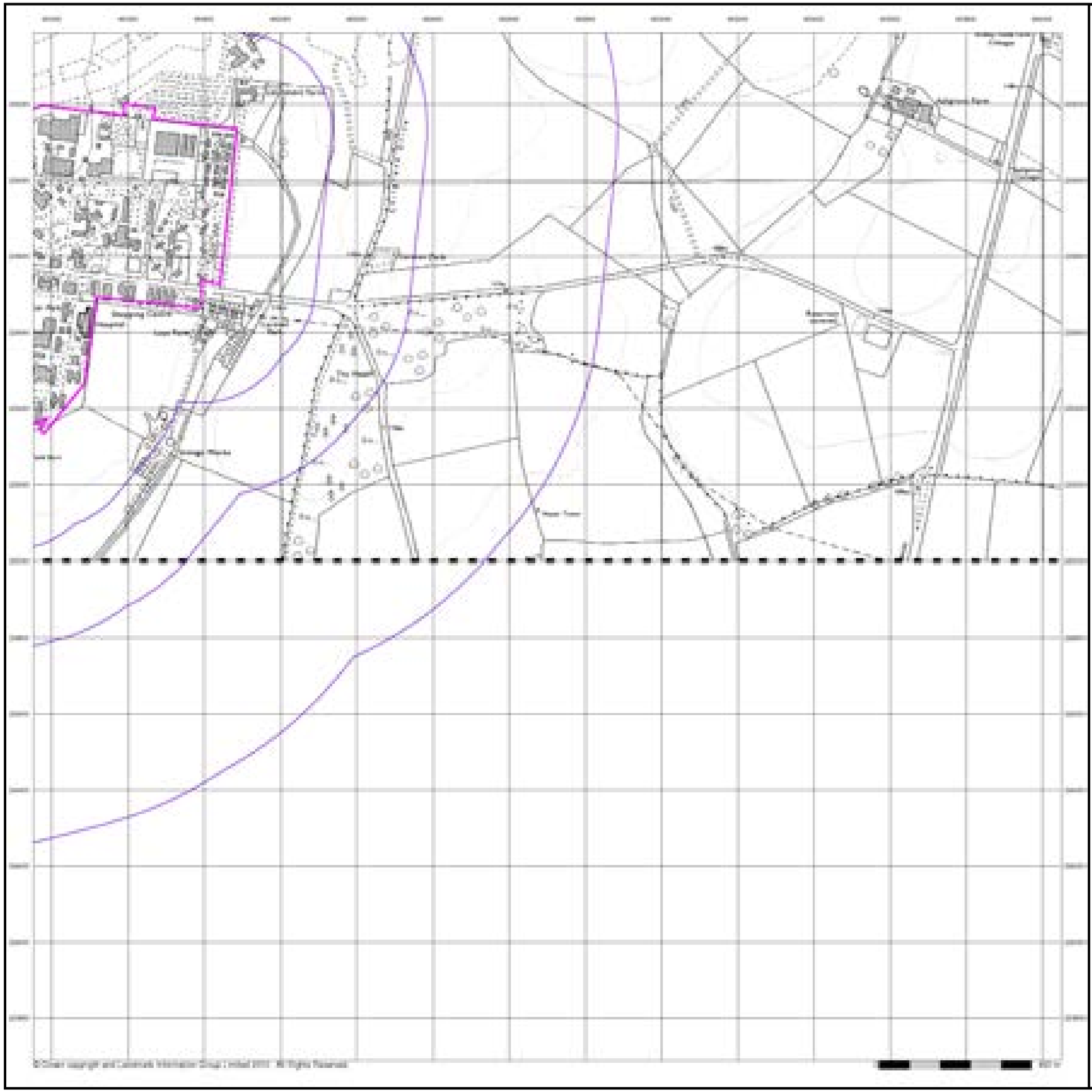

Ordnance Survey Plan

Published 1993

Source map scale - 1:10,000

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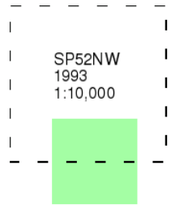
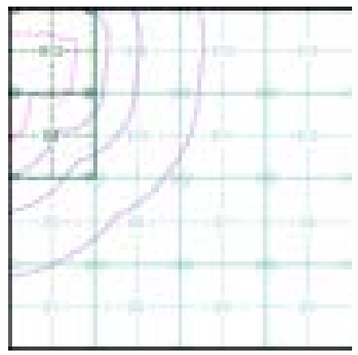


Historical Map - Slice B



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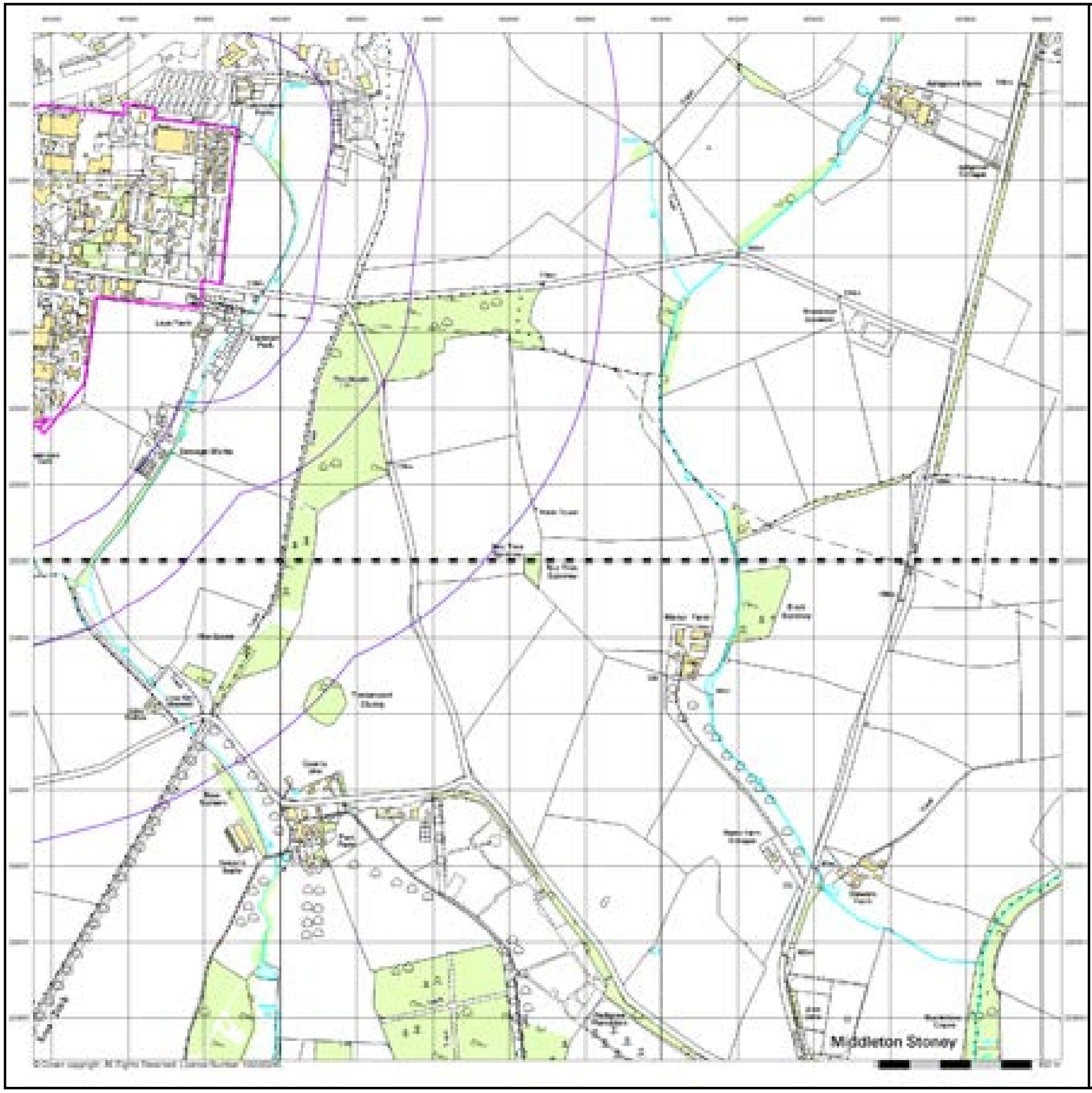

10k Raster Mapping

Published 1999

Source map scale - 1:10,000

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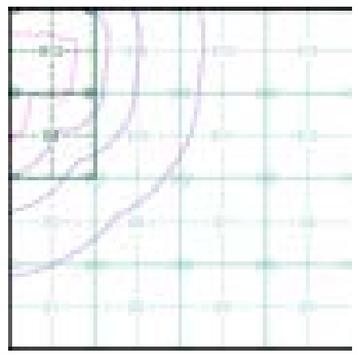
Map Name(s) and Date(s)

Historical Map - Slice B



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Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
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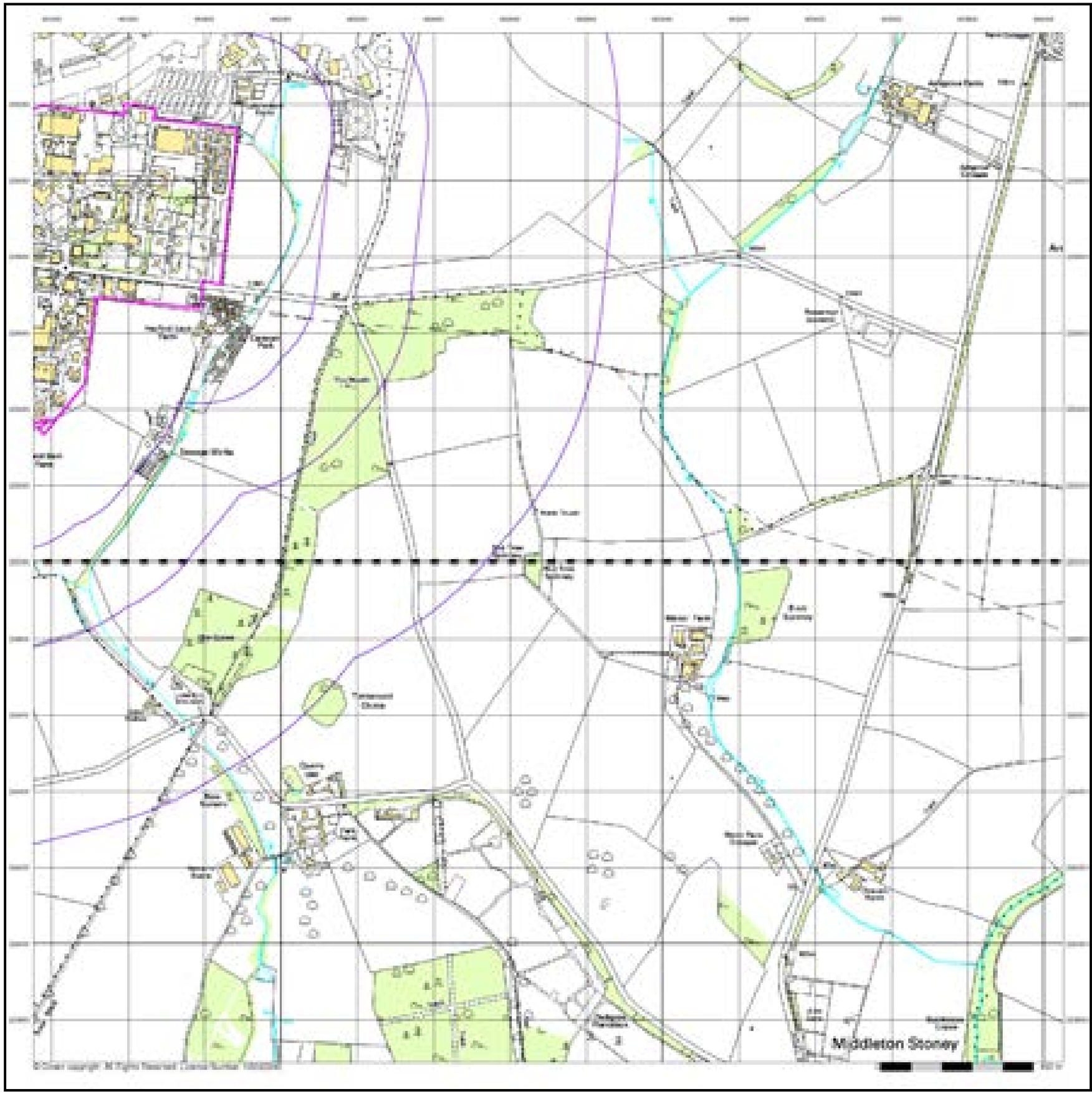

10k Raster Mapping

Published 2006

Source map scale - 1:10,000

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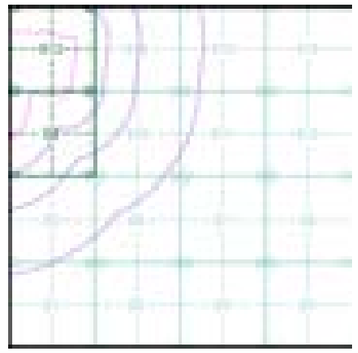
Map Name(s) and Date(s)

Historical Map - Slice B



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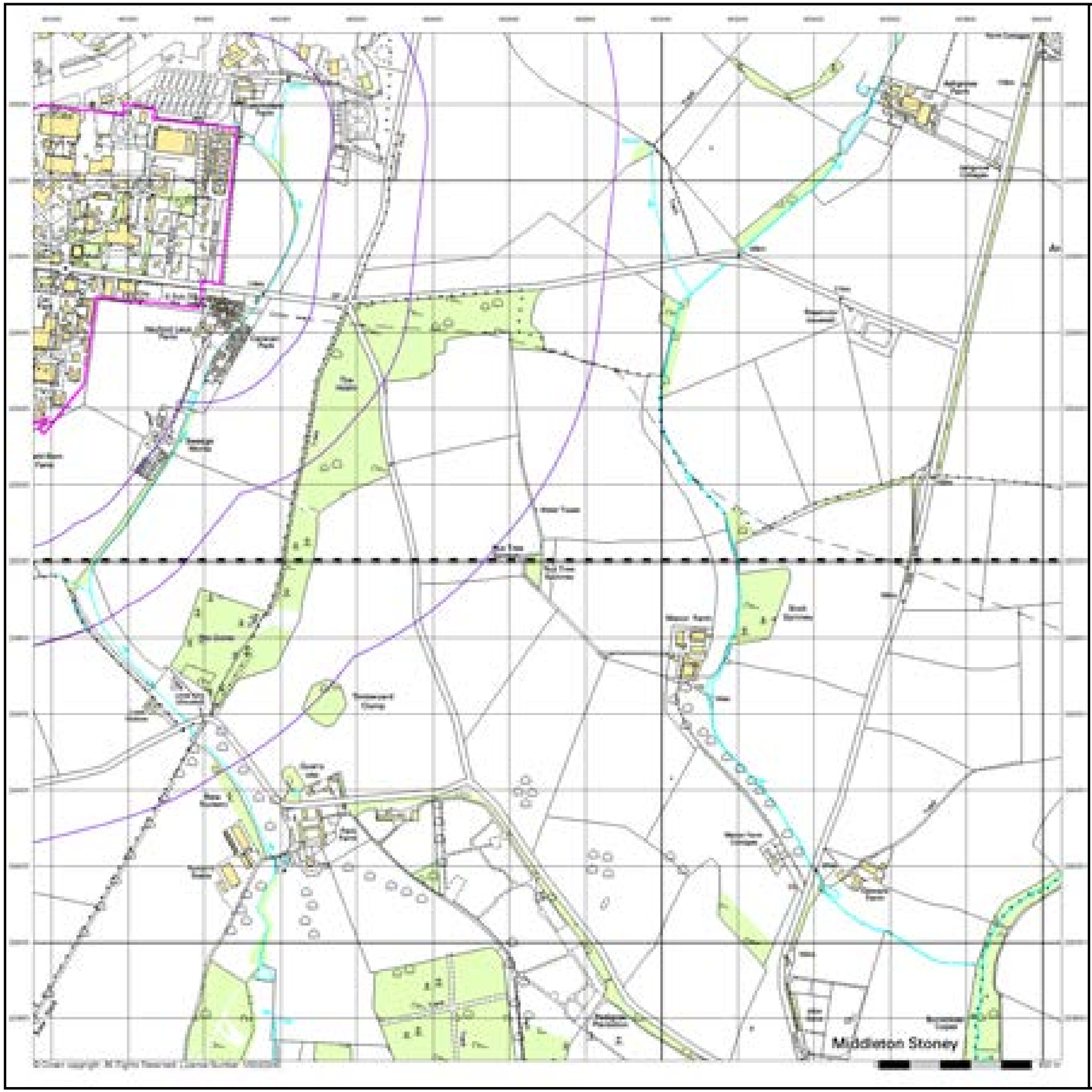

10k Raster Mapping

Published 2010

Source map scale - 1:10,000

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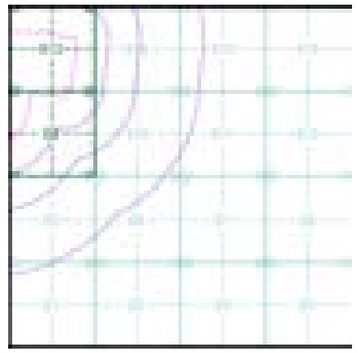
Map Name(s) and Date(s)

Historical Map - Slice B



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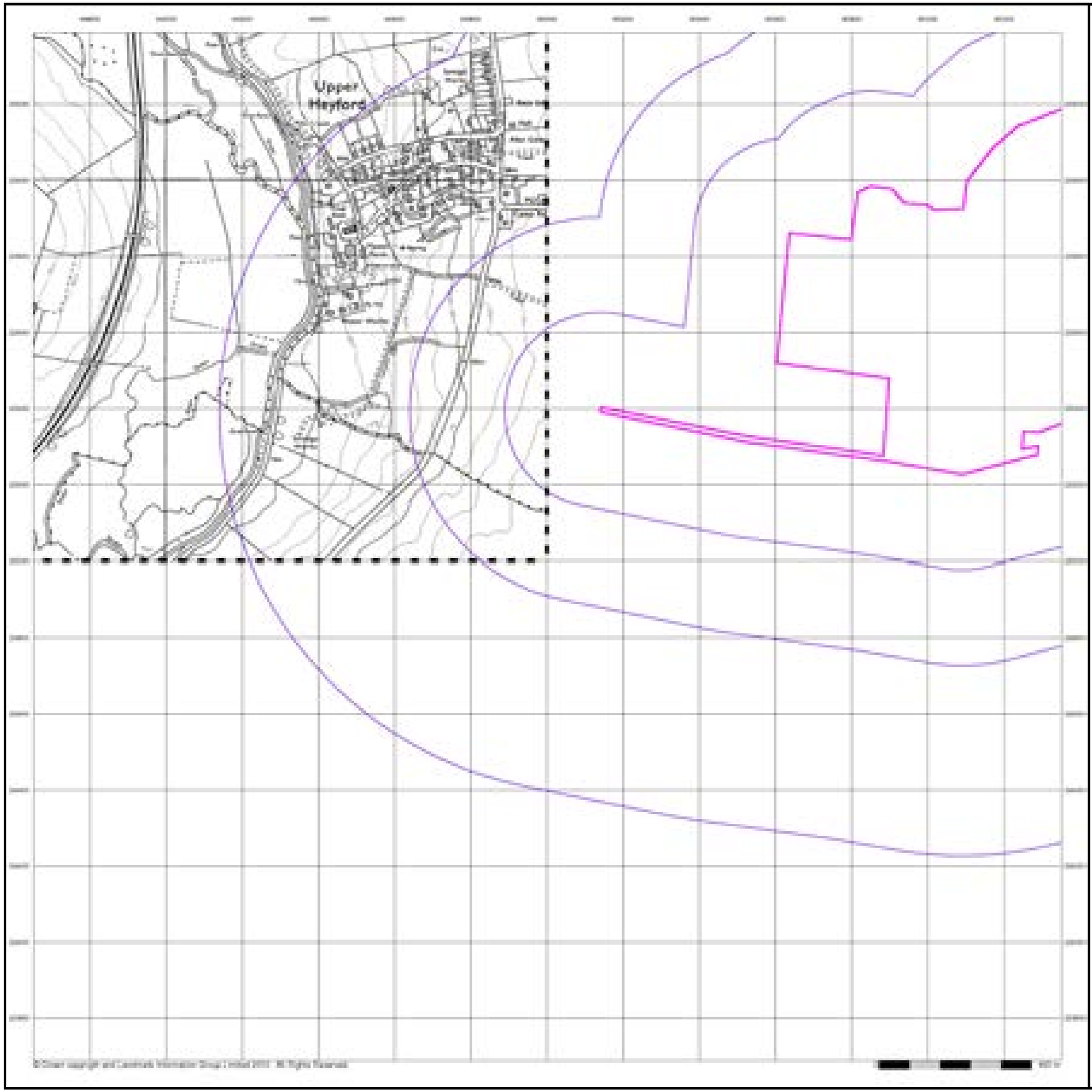

Ordnance Survey Plan

Published 1979

Source map scale - 1:10,000

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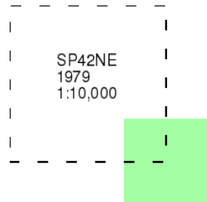
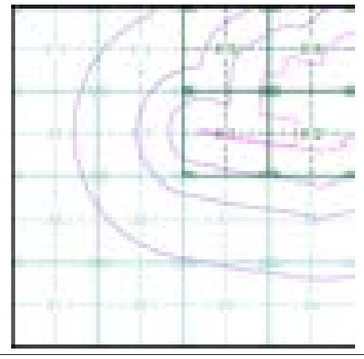


Historical Map - Slice A



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

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Ordnance Survey Plan

Published 1980 - 1982

Source map scale - 1:10,000

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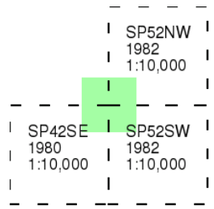
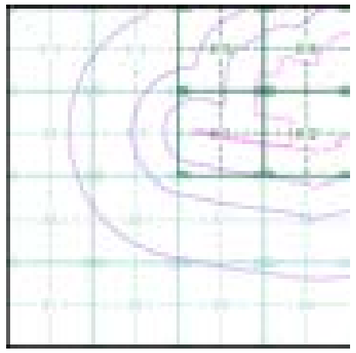


Historical Map - Slice A



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Ordnance Survey Plan

Published 1993

Source map scale - 1:10,000

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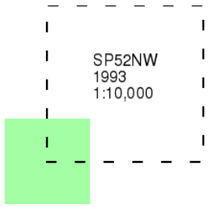

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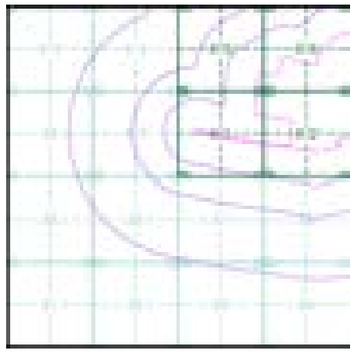

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Order Number:	31993967_1_1
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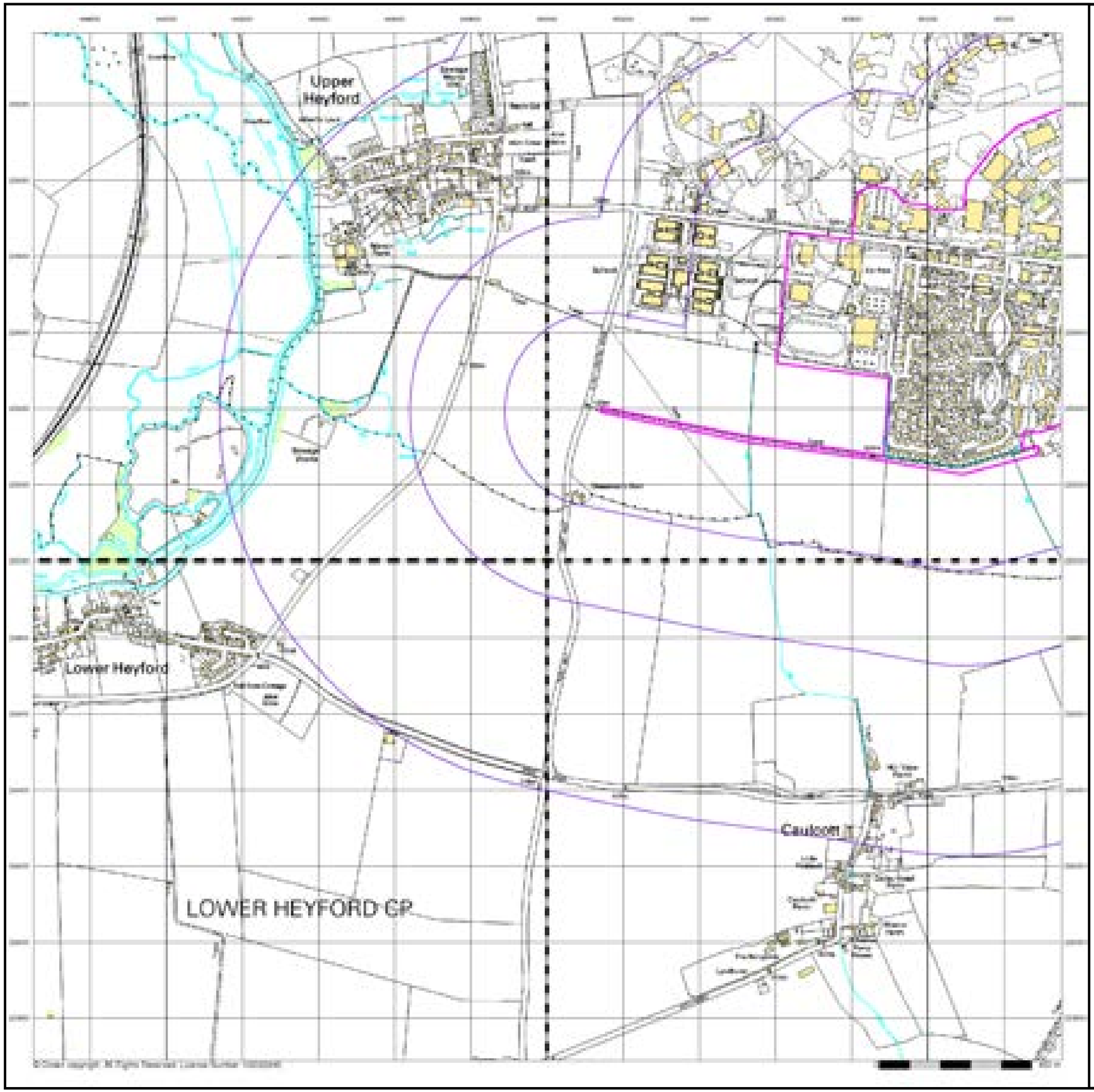
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



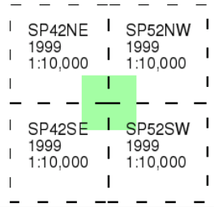
10k Raster Mapping

Published 1999

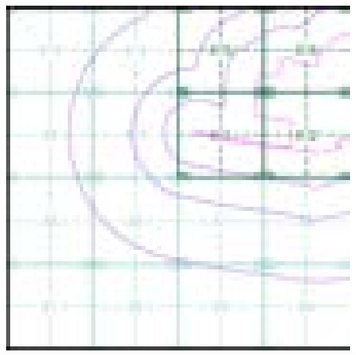
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



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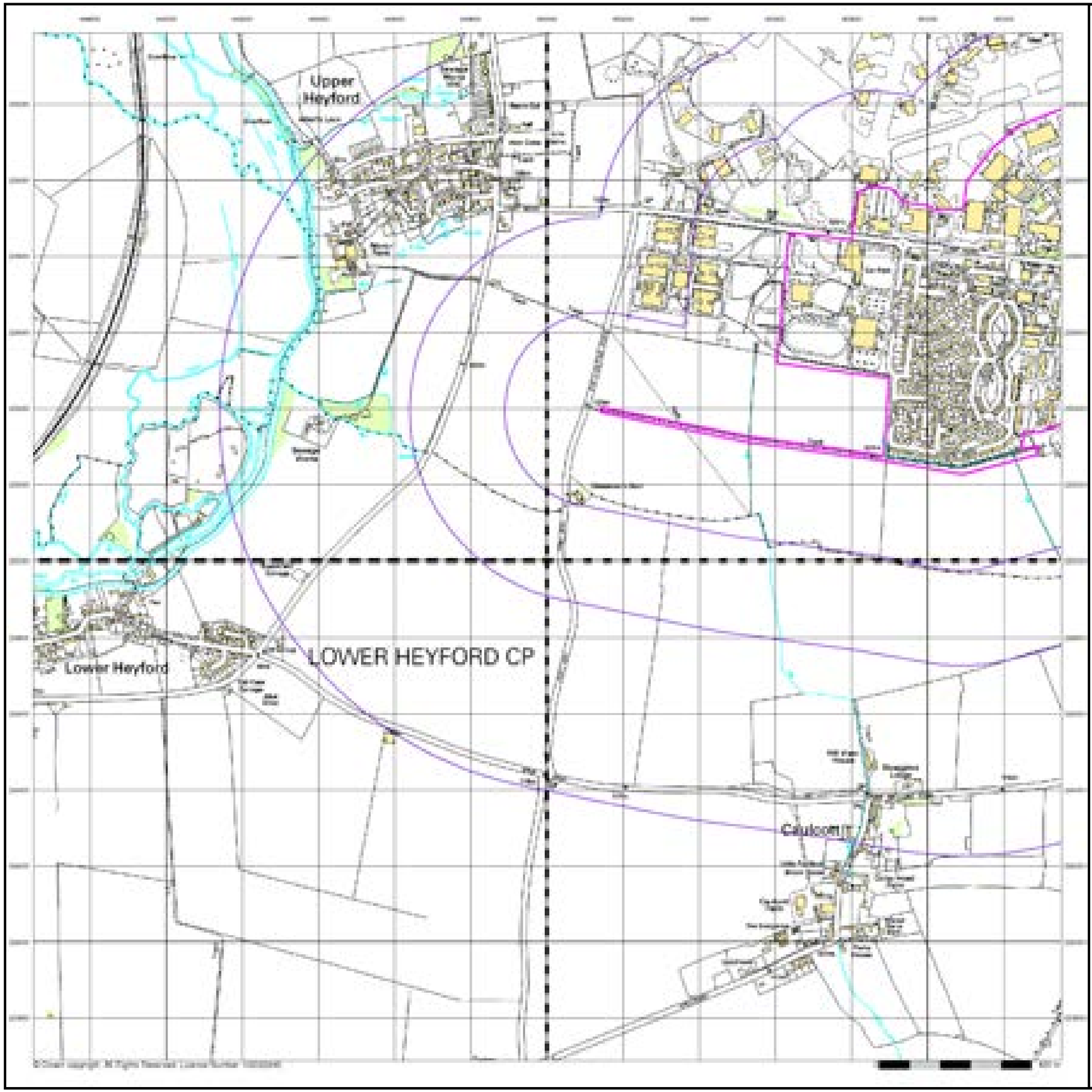

10k Raster Mapping

Published 2006

Source map scale - 1:10,000

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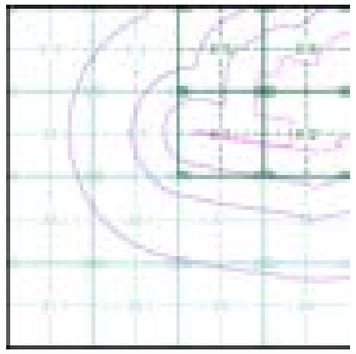
Map Name(s) and Date(s)

SP42NE 2006 1:10,000	SP52NW 2006 1:10,000
SP42SE 2006 1:10,000	SP52SW 2006 1:10,000

Historical Map - Slice A



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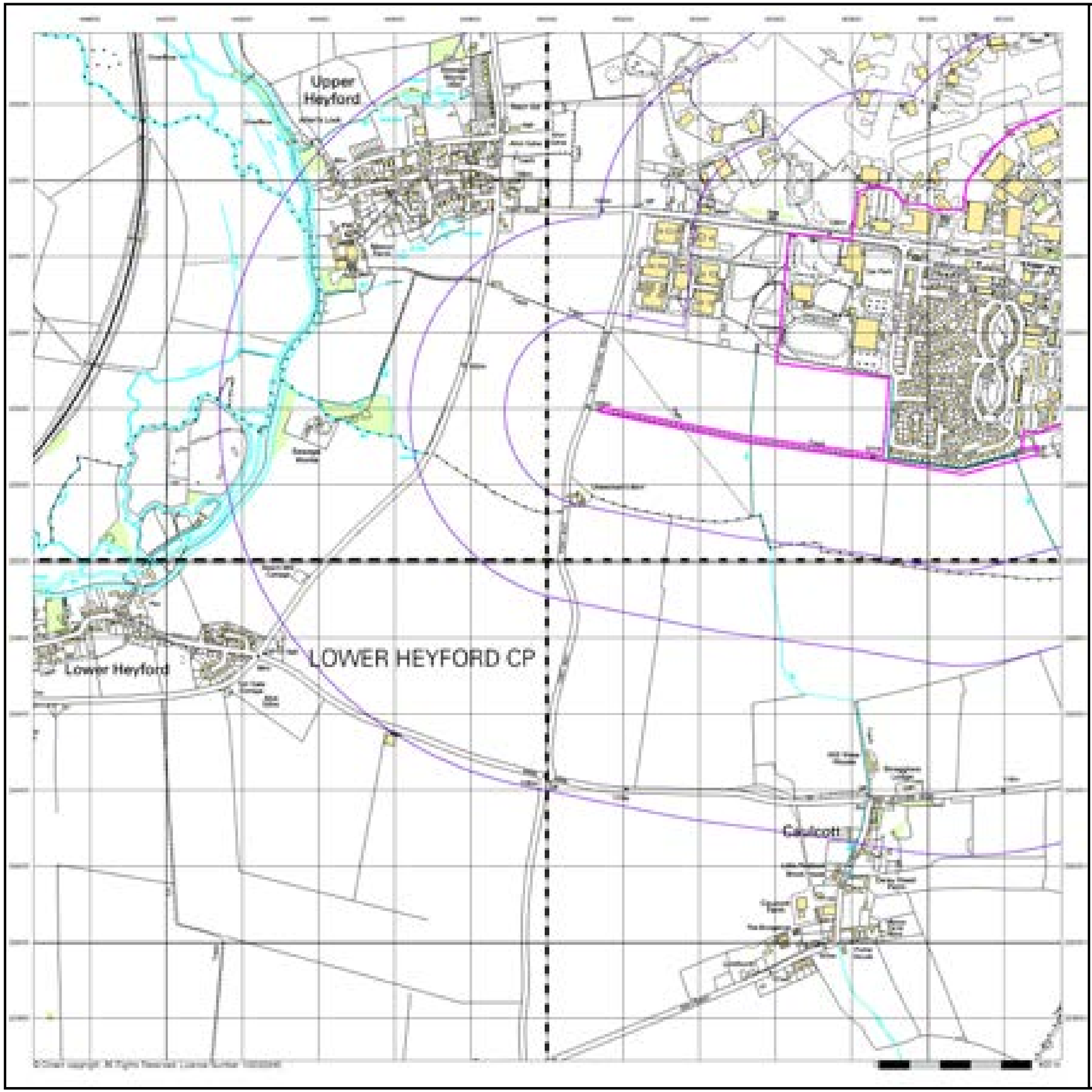


10k Raster Mapping

Published 2010

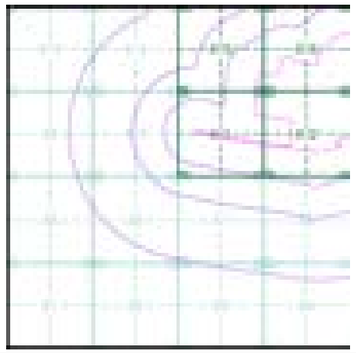
Source map scale - 1:10,000

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)

SP42NE 2010 1:10,000	SP52NW 2010 1:10,000
SP42SE 2010 1:10,000	SP52SW 2010 1:10,000

Historical Map - Slice A



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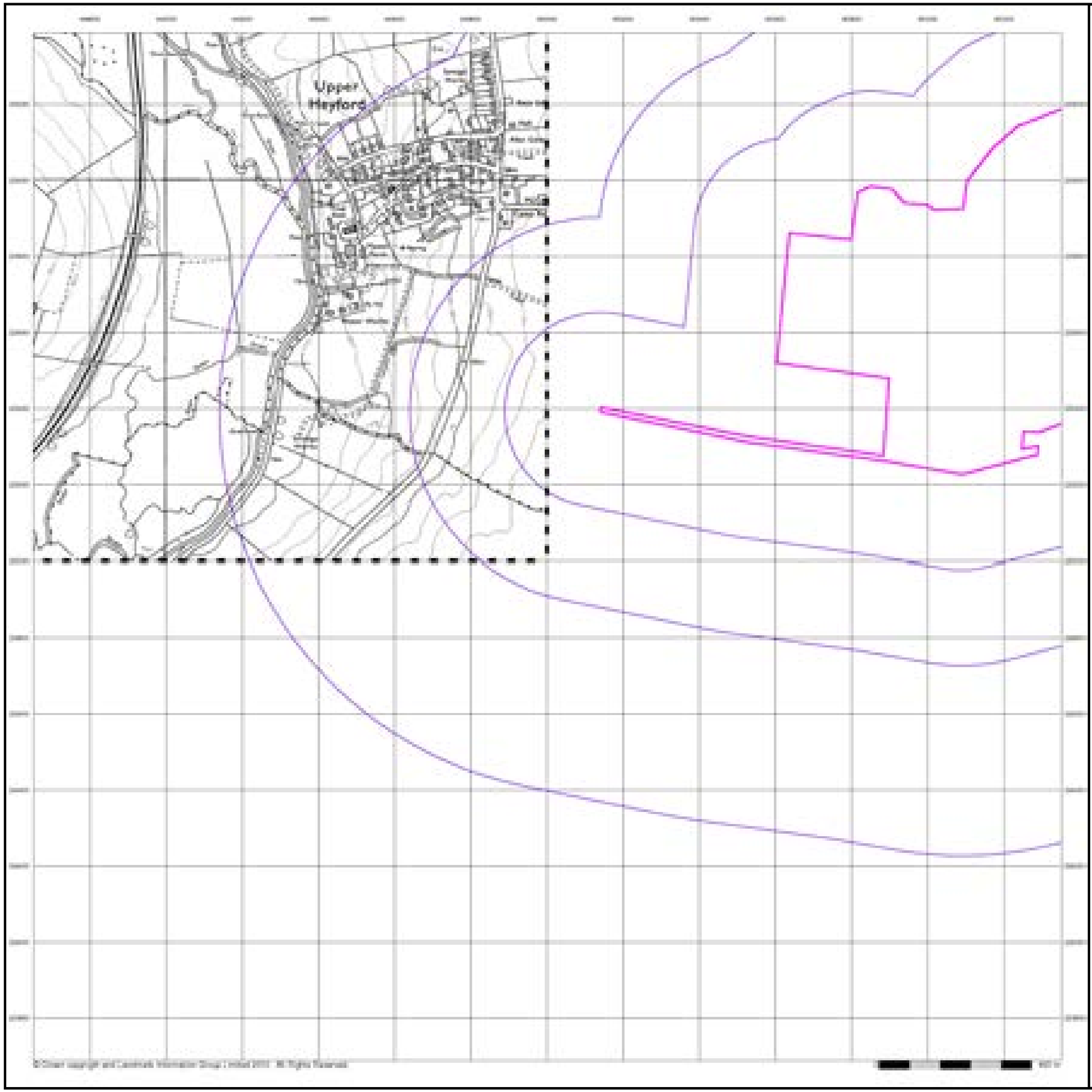


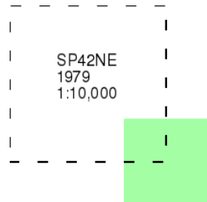
Ordnance Survey Plan

Published 1979

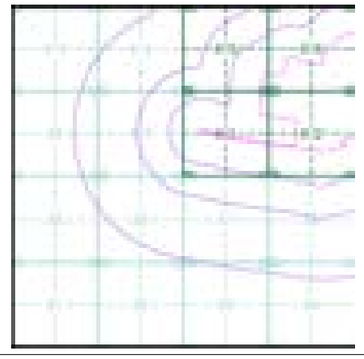
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

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Ordnance Survey Plan

Published 1980 - 1982

Source map scale - 1:10,000

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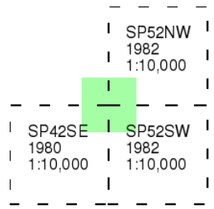
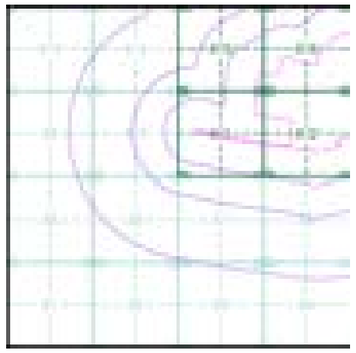
Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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Site Details

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Ordnance Survey Plan

Published 1993

Source map scale - 1:10,000

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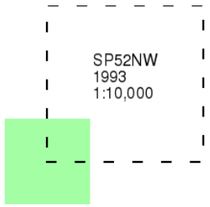
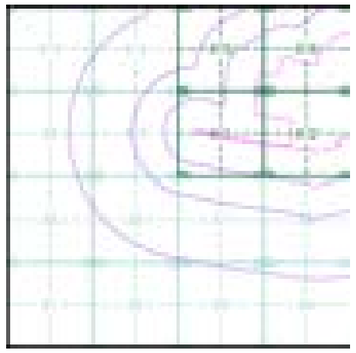
Map Name(s) and Date(s)



Historical Map - Slice A



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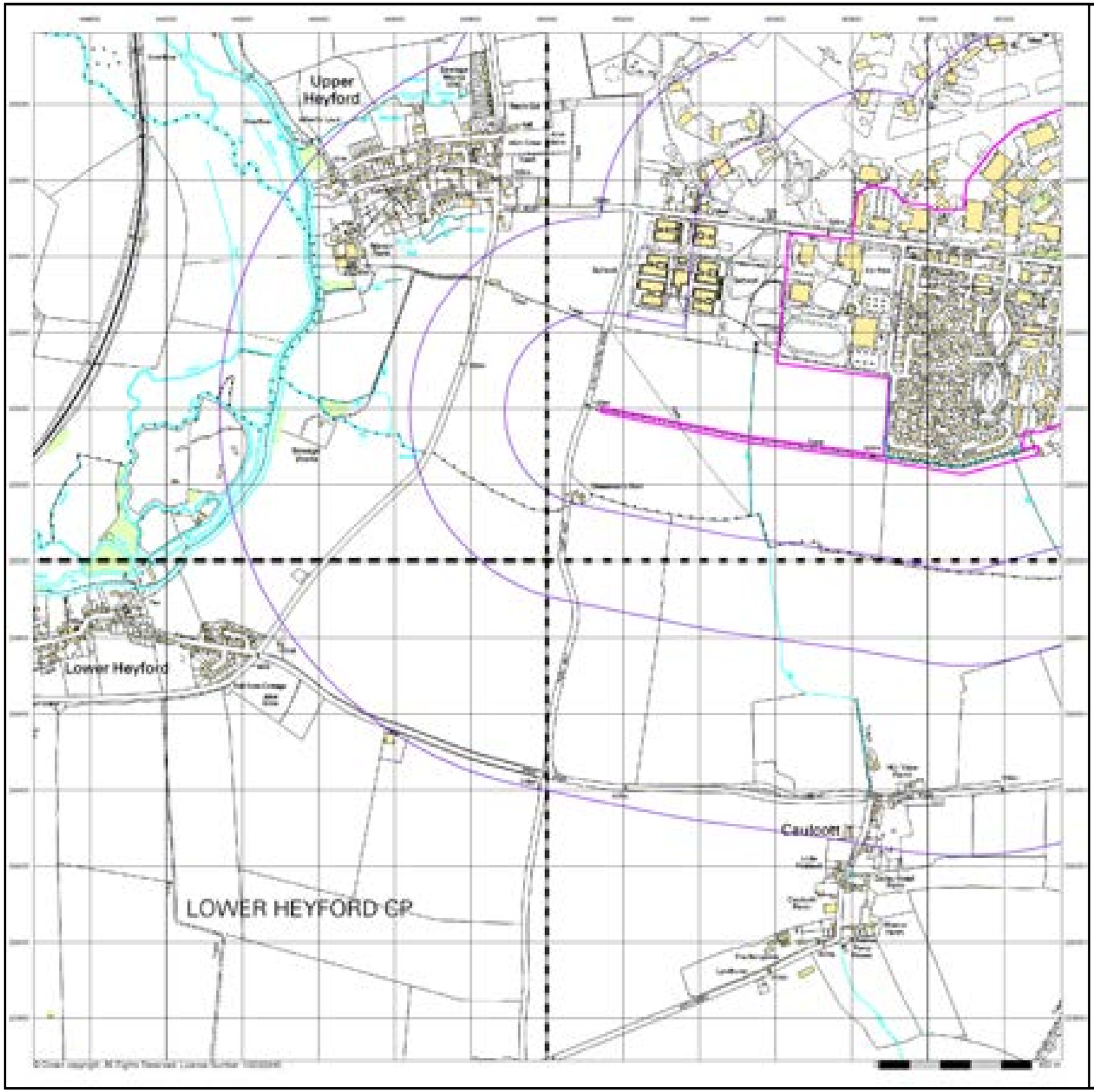


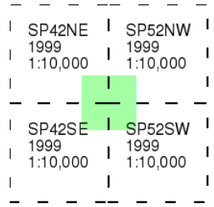
10k Raster Mapping

Published 1999

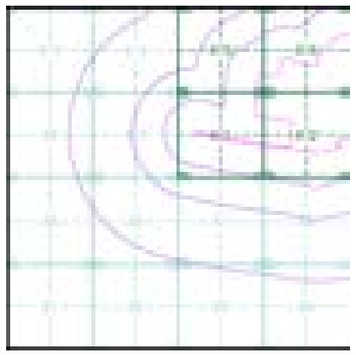
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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National Grid Reference:	450350, 225360
Slice:	A
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Site Details

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Landmark
Tel: 0844 844 9952
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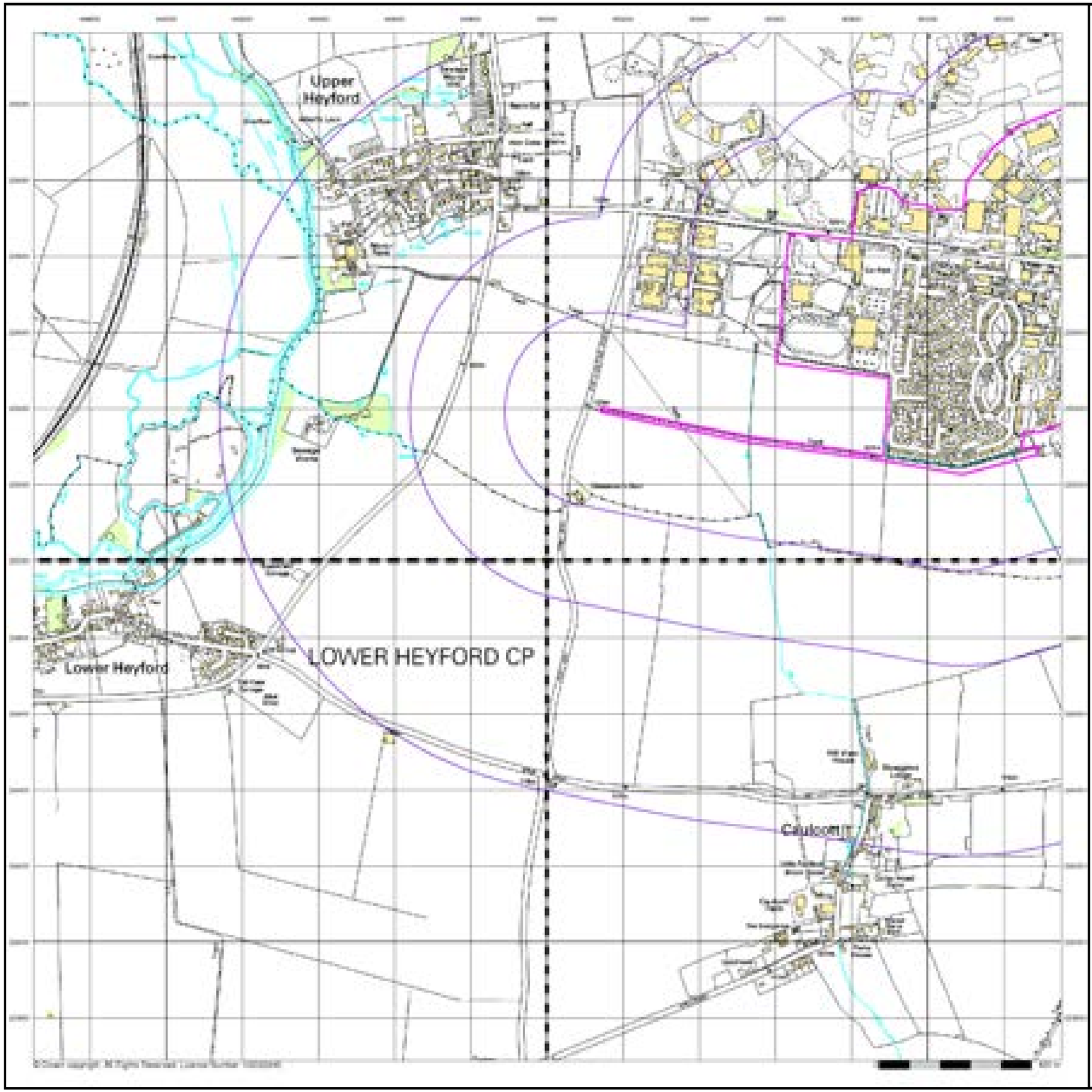

10k Raster Mapping

Published 2006

Source map scale - 1:10,000

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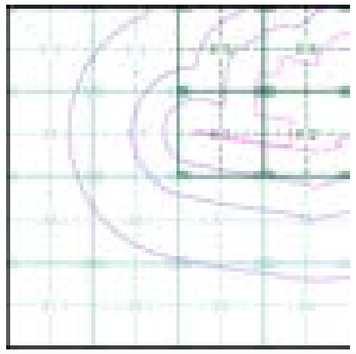
Map Name(s) and Date(s)

SP42NE 2006 1:10,000	SP52NW 2006 1:10,000
SP42SE 2006 1:10,000	SP52SW 2006 1:10,000

Historical Map - Slice A



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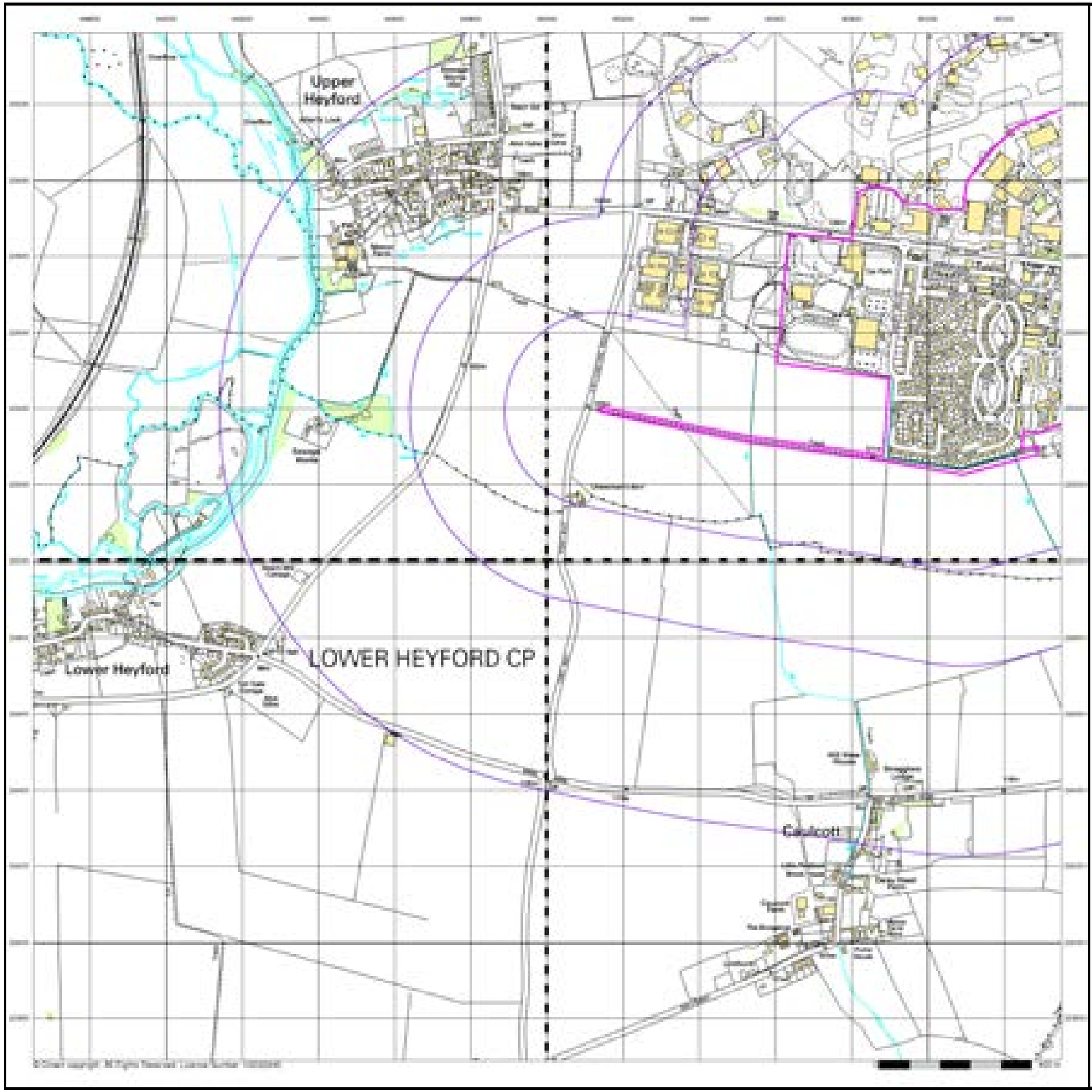

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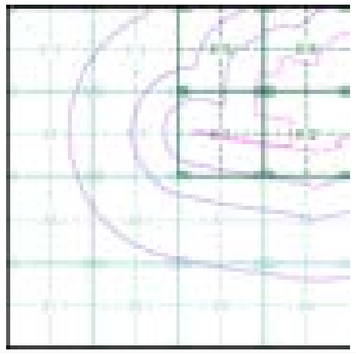
Map Name(s) and Date(s)

SP42NE 2010 1:10,000	SP52NW 2010 1:10,000
SP42SE 2010 1:10,000	SP52SW 2010 1:10,000

Historical Map - Slice A



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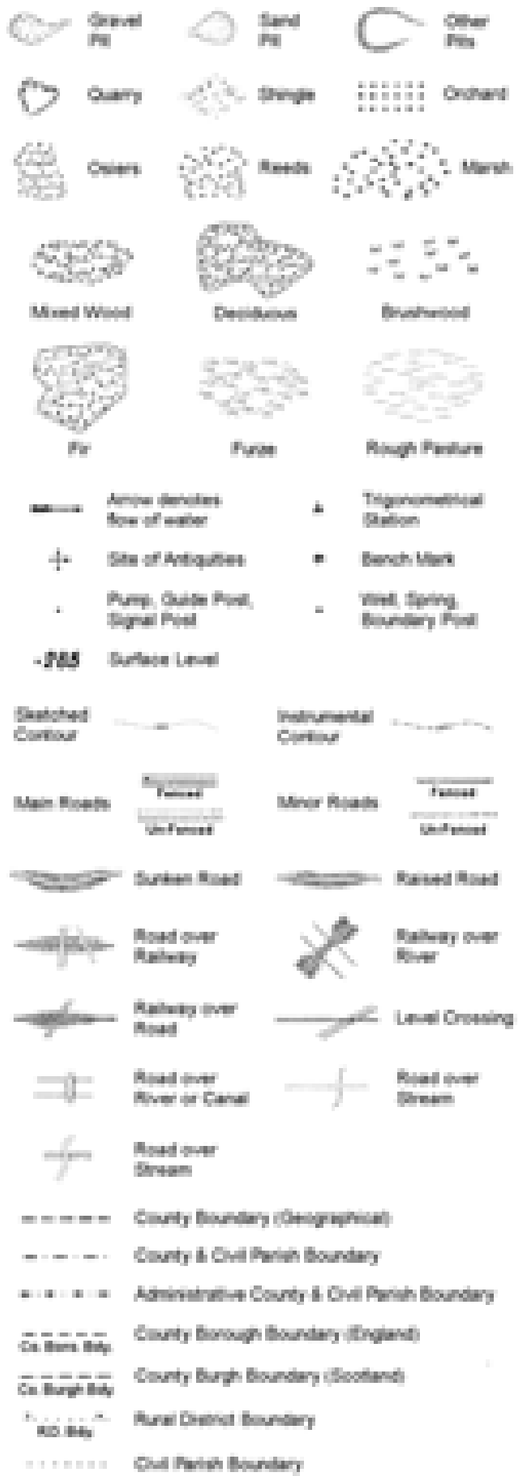
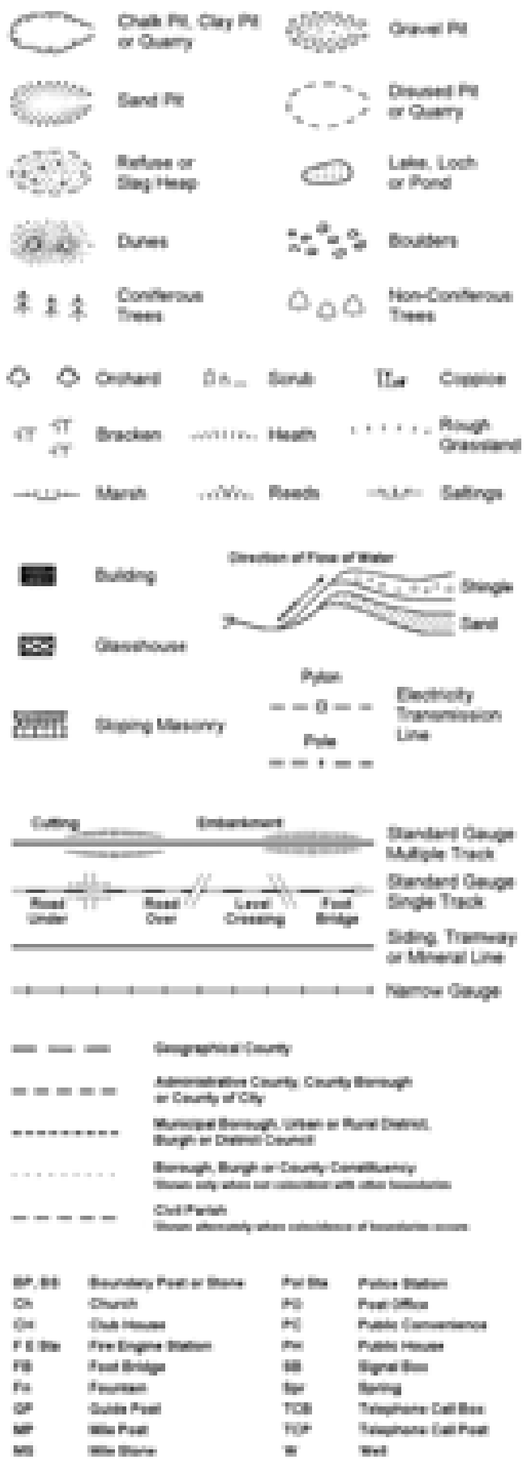
Historical Mapping Legends

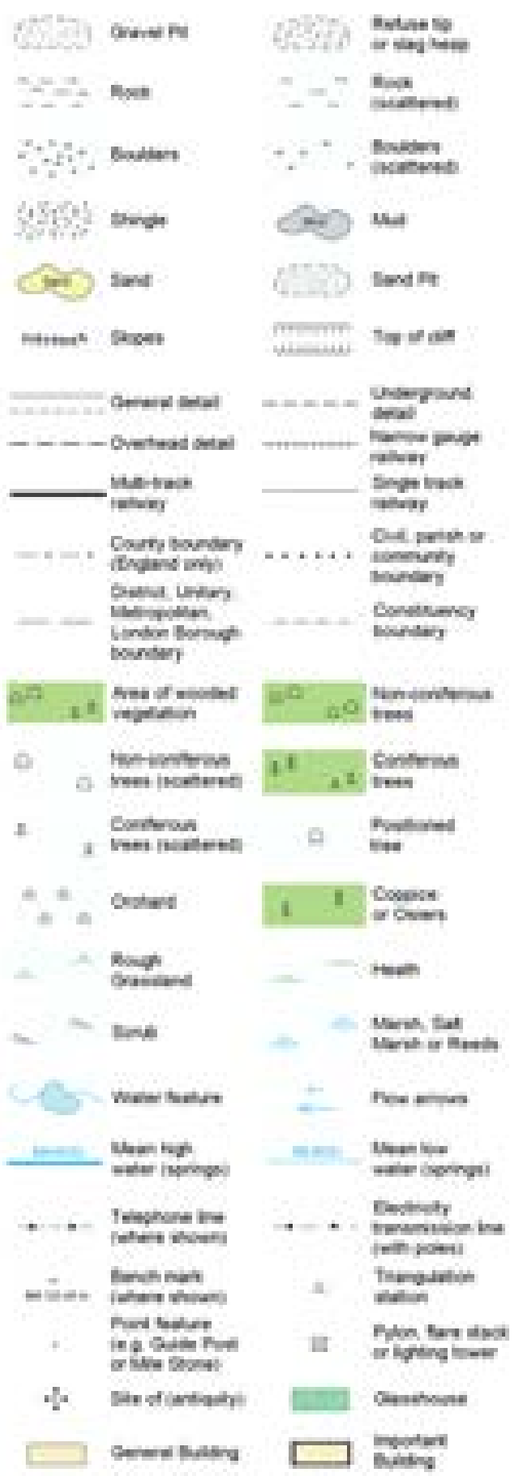
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



1:10,000 Raster Mapping

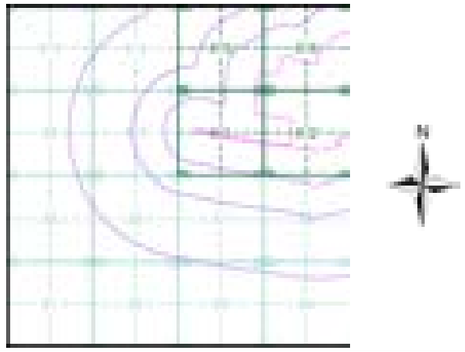


Waterman

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:10,560	1884 - 1885	2
Oxfordshire	1:10,560	1900	3
Oxfordshire	1:10,560	1923	4
Historical Aerial Photography	1:10,560	1947 - 1949	5
Ordnance Survey Plan	1:10,000	1955	6
Ordnance Survey Plan	1:10,000	1966	7
Ordnance Survey Plan	1:10,000	1979	8
Ordnance Survey Plan	1:10,000	1980 - 1982	9
Ordnance Survey Plan	1:10,000	1993	10
10K Raster Mapping	1:10,000	1999	11
10K Raster Mapping	1:10,000	2006	12
10K Raster Mapping	1:10,000	2010	13

Historical Map - Slice A



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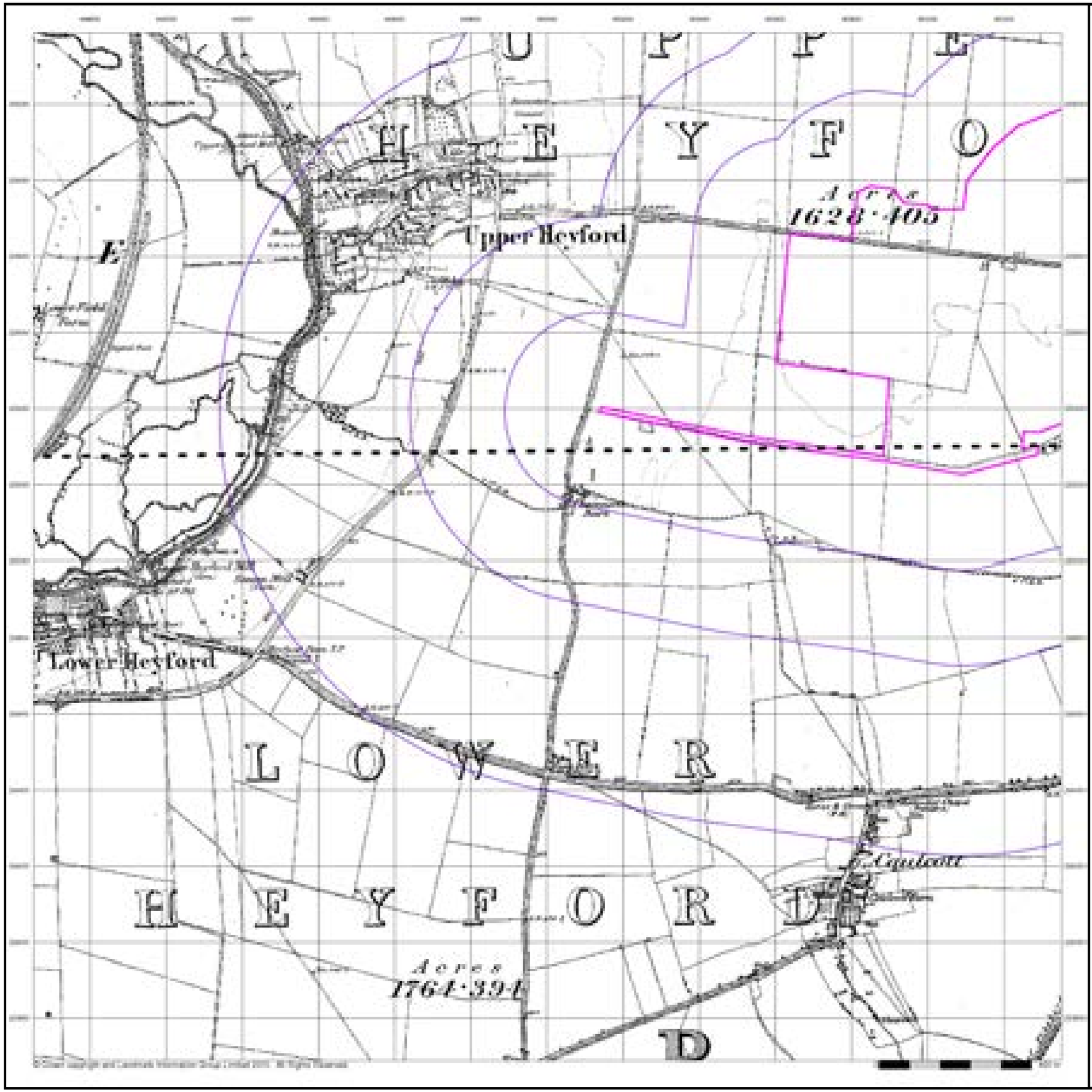

Oxfordshire

Published 1884 - 1885

Source map scale - 1:10,560

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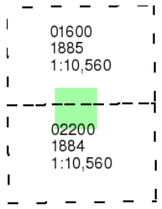
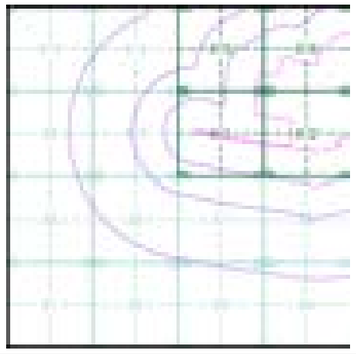
Map Name(s) and Date(s)



Historical Map - Slice A



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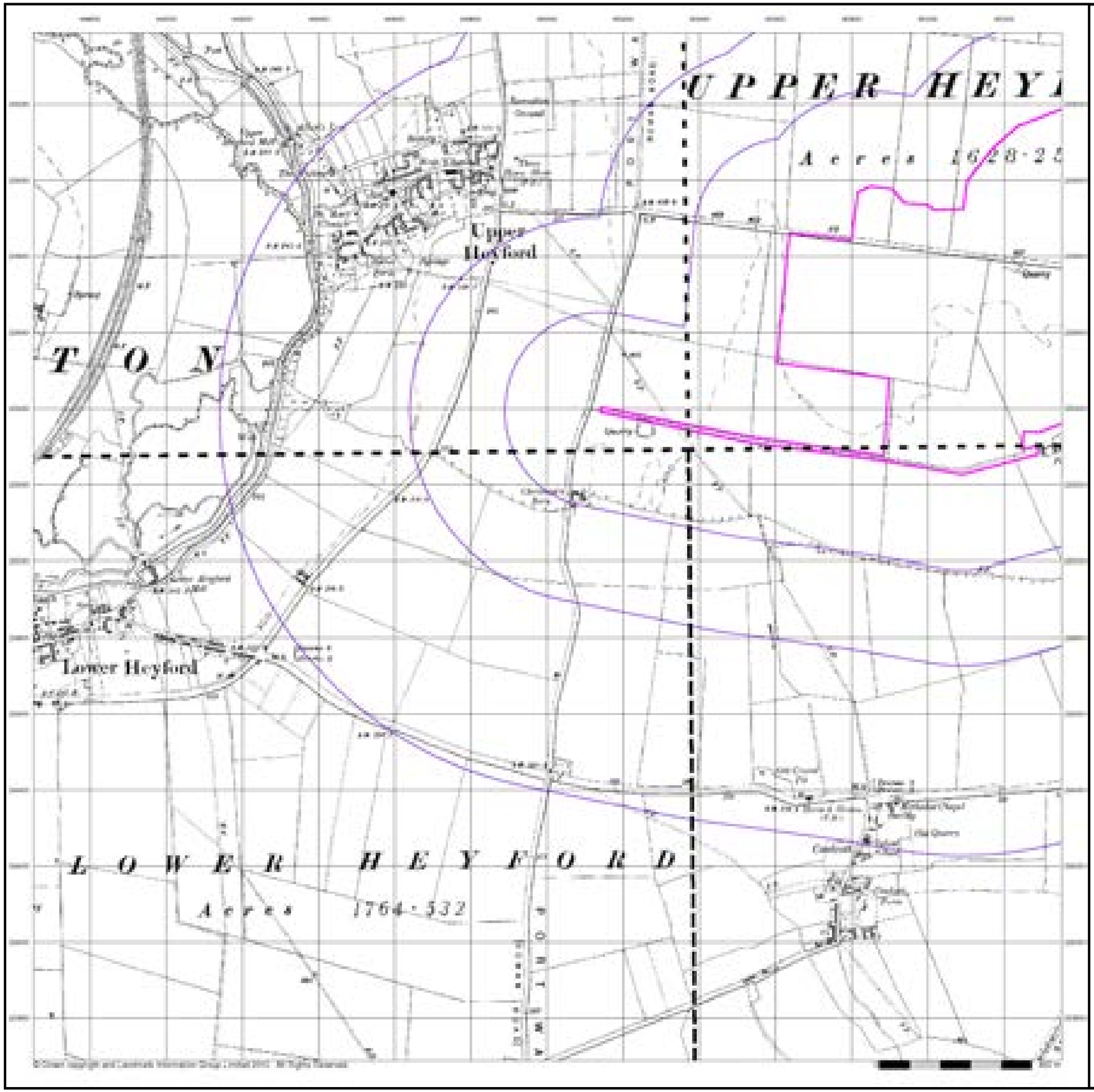

Oxfordshire

Published 1900

Source map scale - 1:10,560

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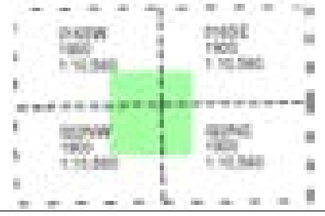
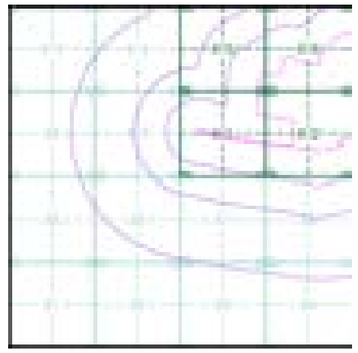
Map Name(s) and Date(s)



Historical Map - Slice A



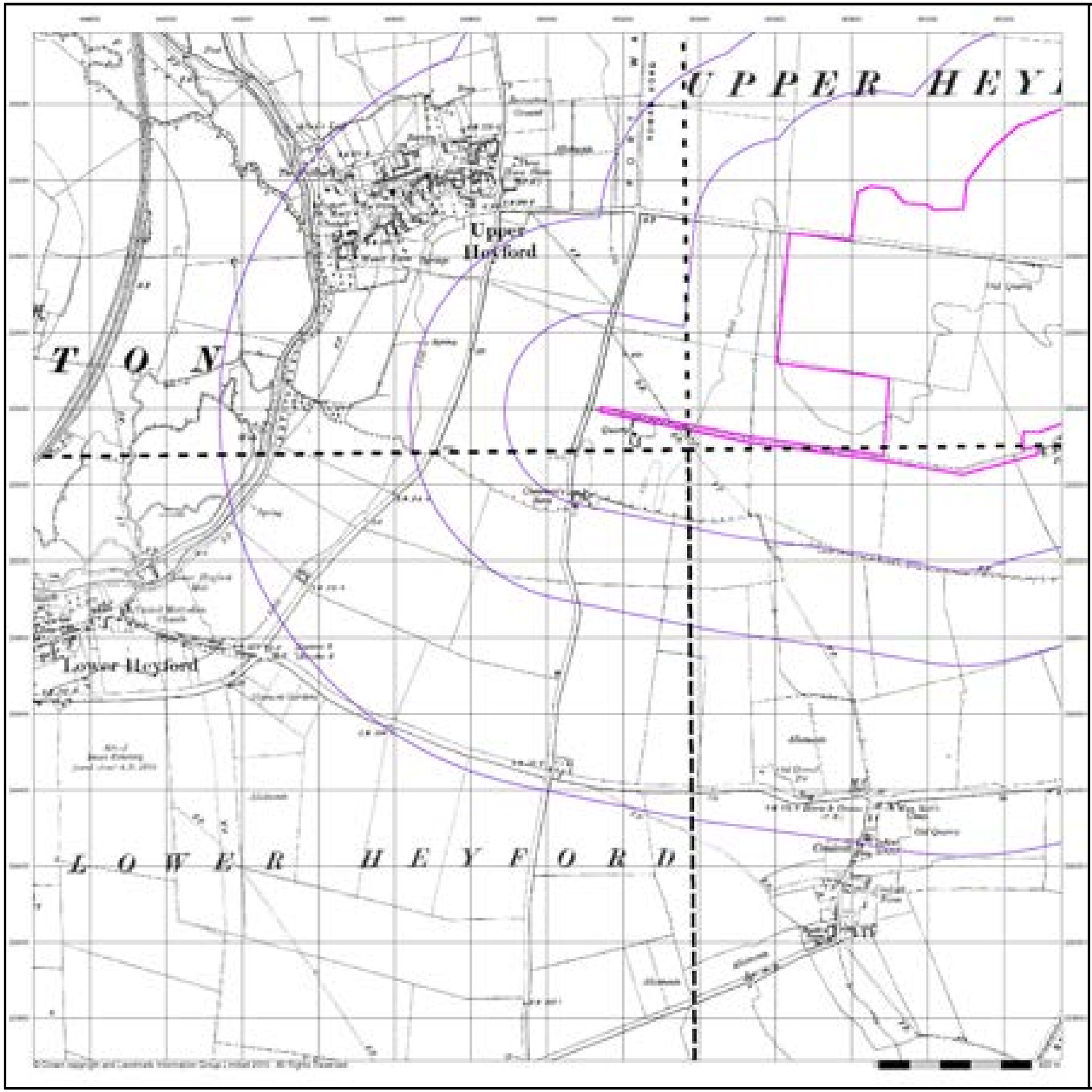
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



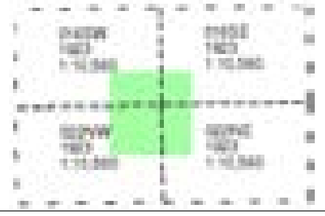
Oxfordshire

Published 1923

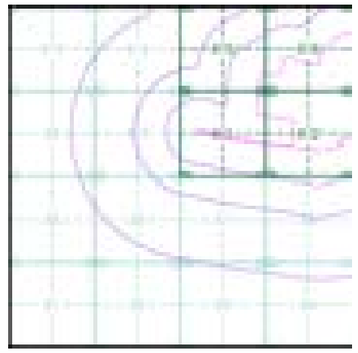
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



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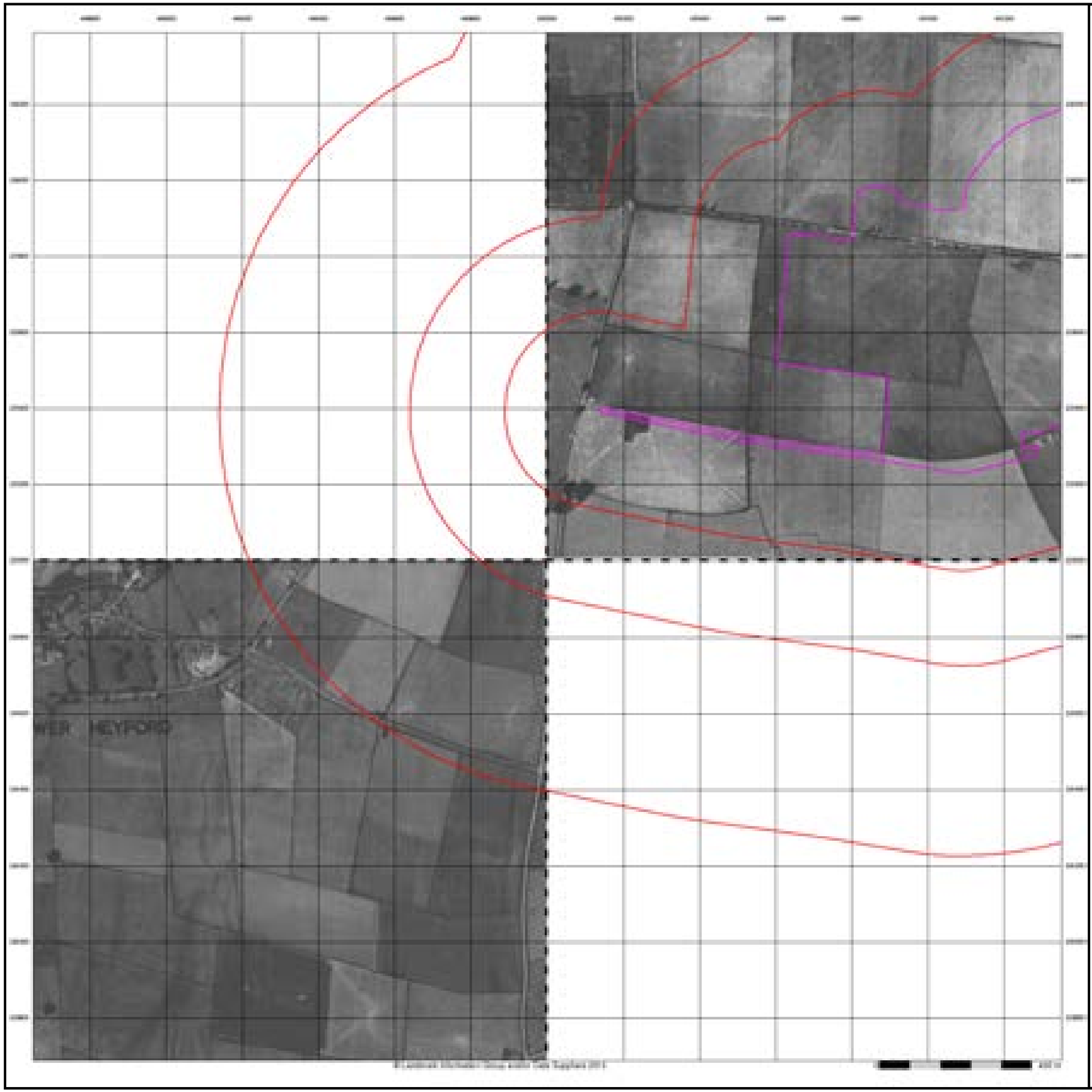


Historical Aerial Photography

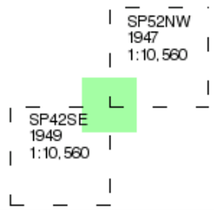
Published 1947 - 1949

Source map scale - 1:10,560

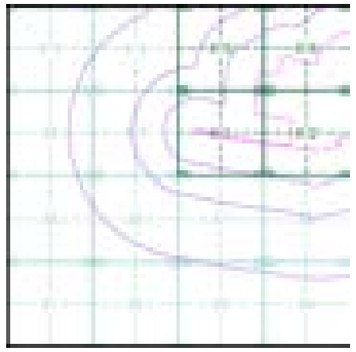
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

© Landmark Information Group and/or Data Suppliers 2010.

Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



BRITISH LIBRARY

Order Details

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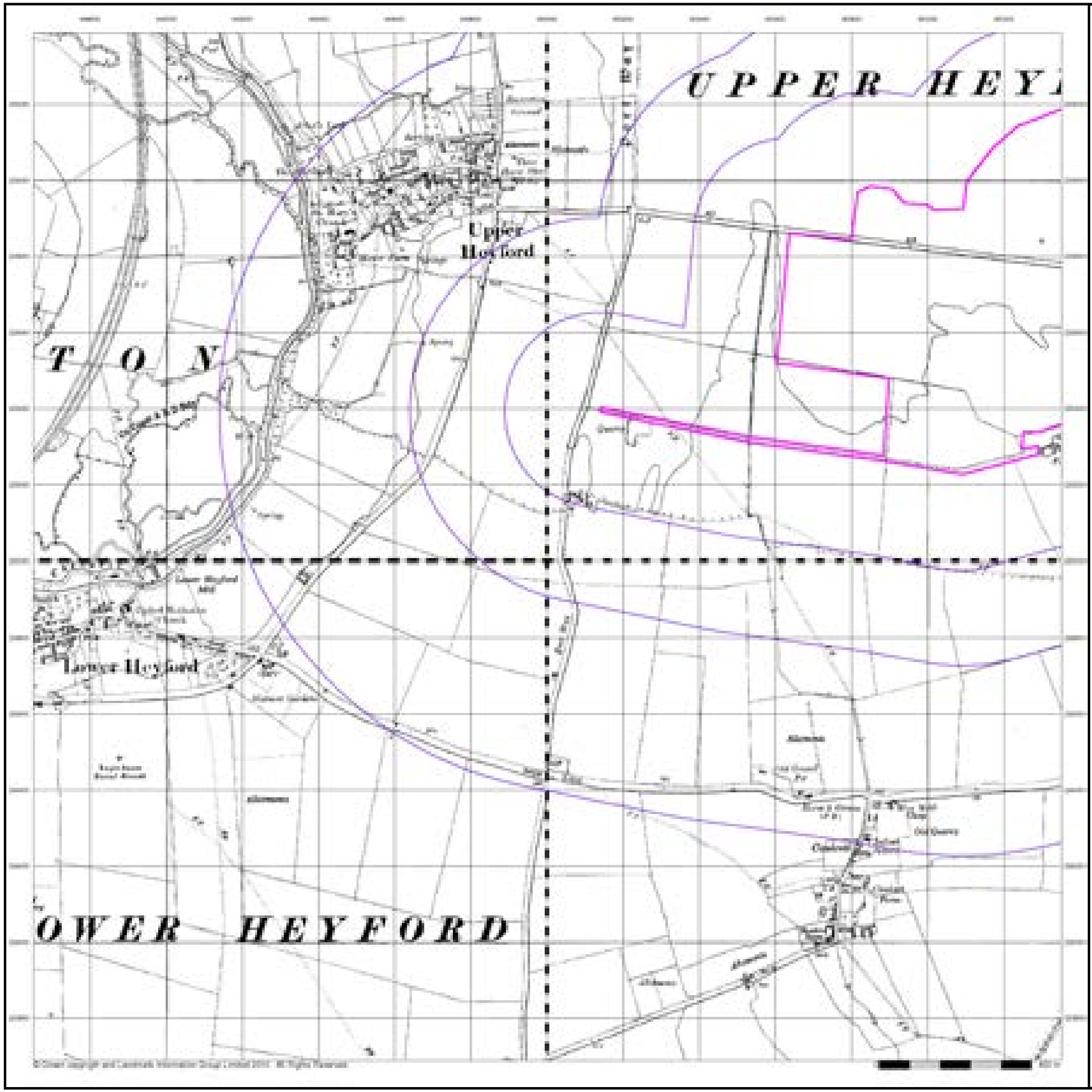

Ordnance Survey Plan

Published 1955

Source map scale - 1:10,000

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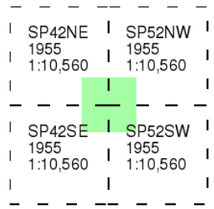
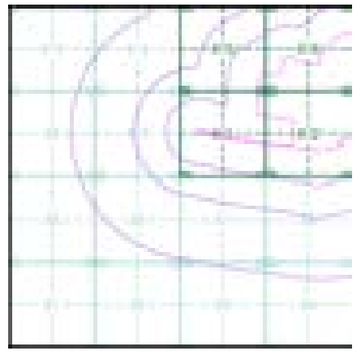


Historical Map - Slice A



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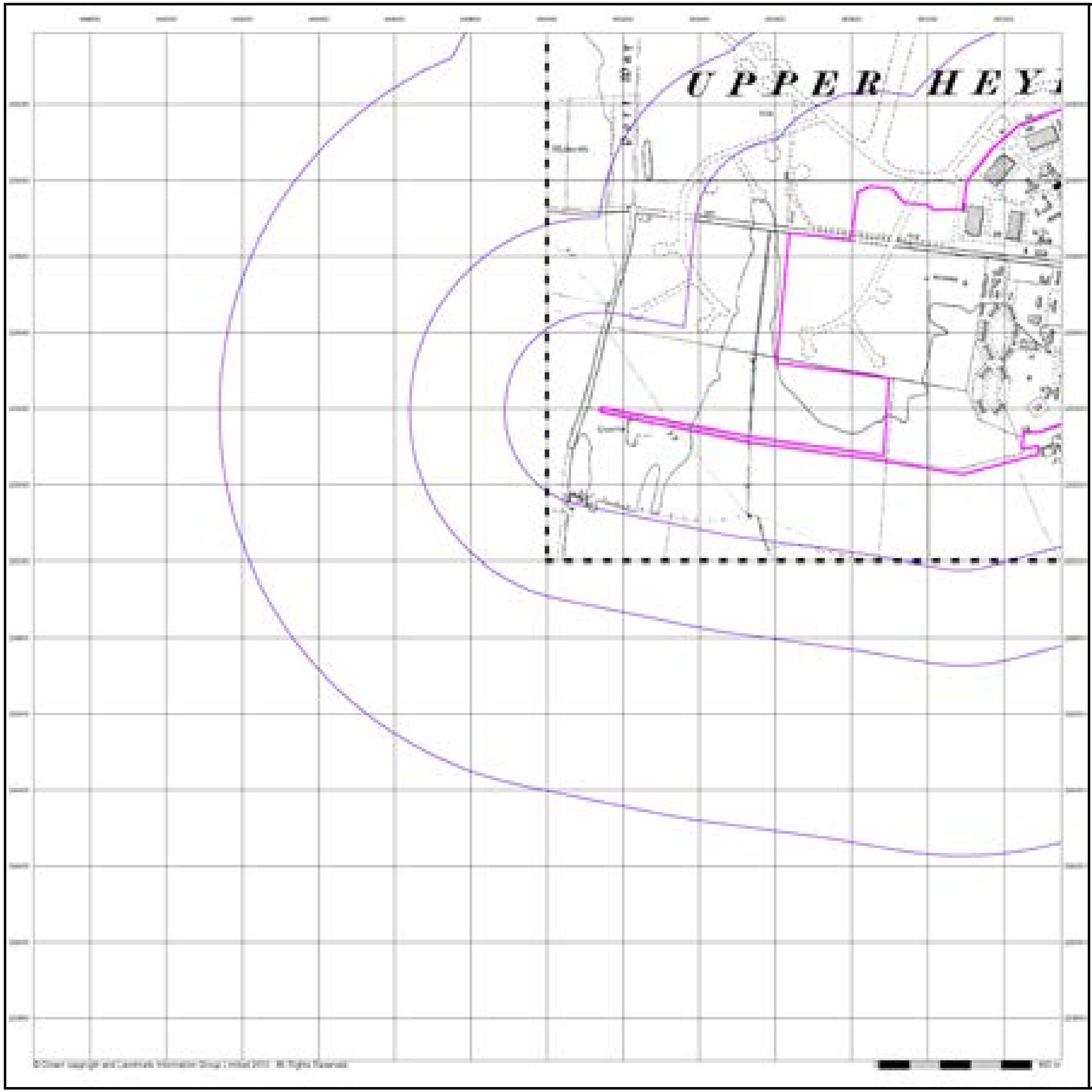

Ordnance Survey Plan

Published 1966

Source map scale - 1:10,000

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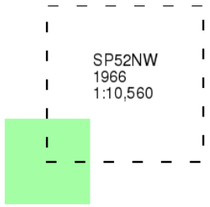
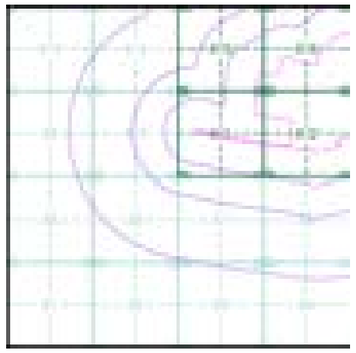


Historical Map - Slice A



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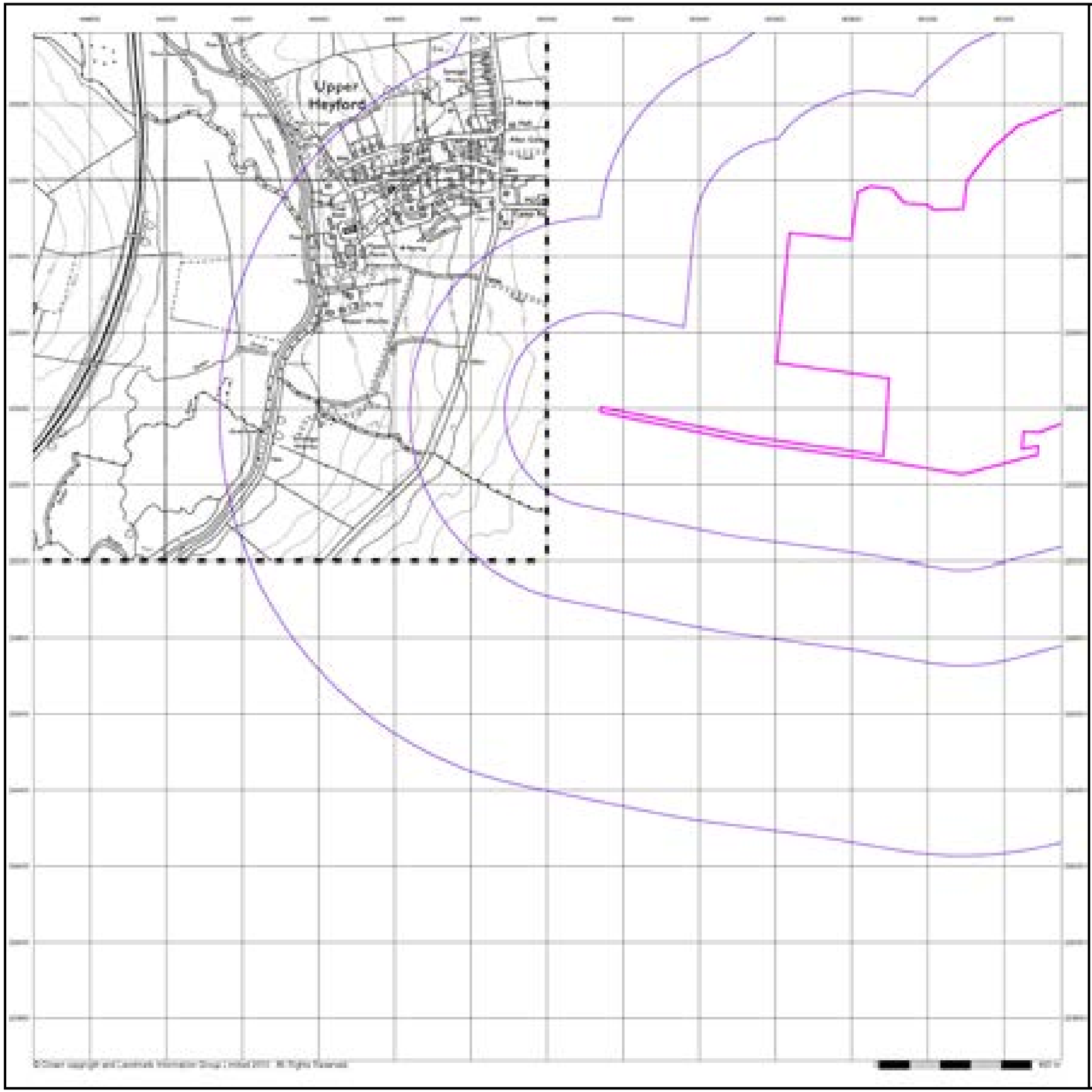

Ordnance Survey Plan

Published 1979

Source map scale - 1:10,000

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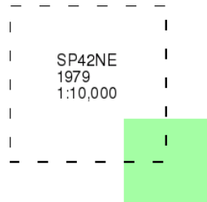
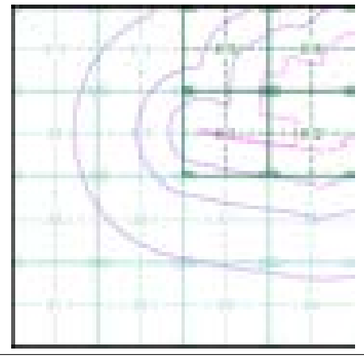


Historical Map - Slice A



Order Details

Order Number:	31993967_1_1
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Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

Ordnance Survey Plan

Published 1980 - 1982

Source map scale - 1:10,000

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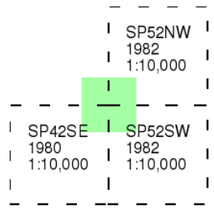
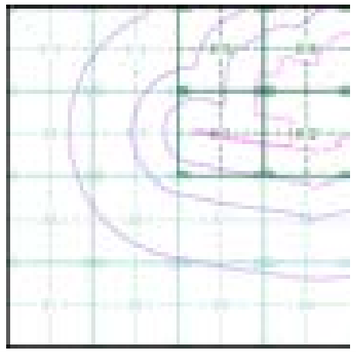
Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

Ordnance Survey Plan

Published 1993

Source map scale - 1:10,000

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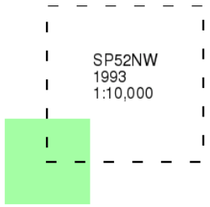
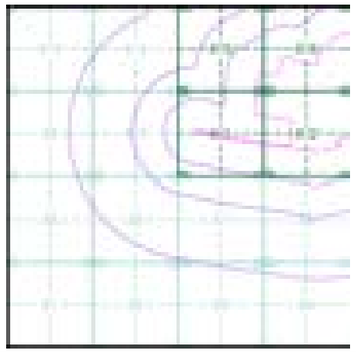


Historical Map - Slice A



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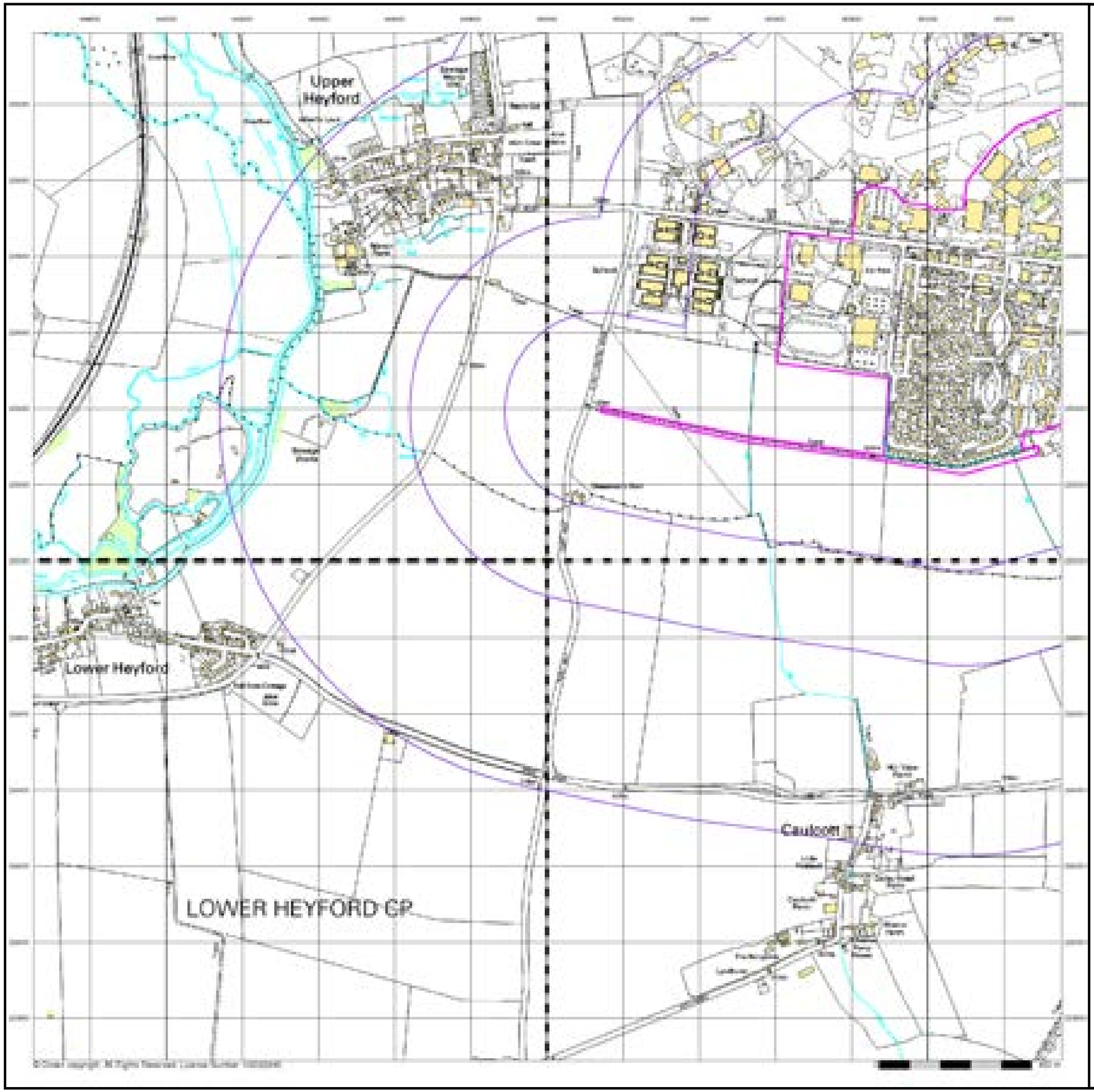


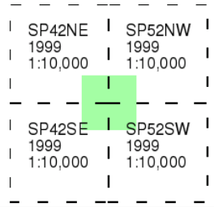
10k Raster Mapping

Published 1999

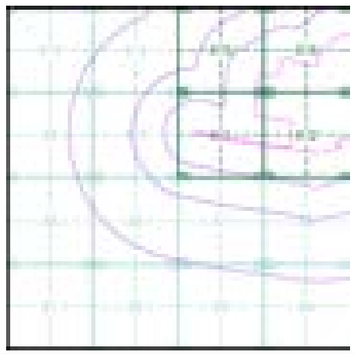
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



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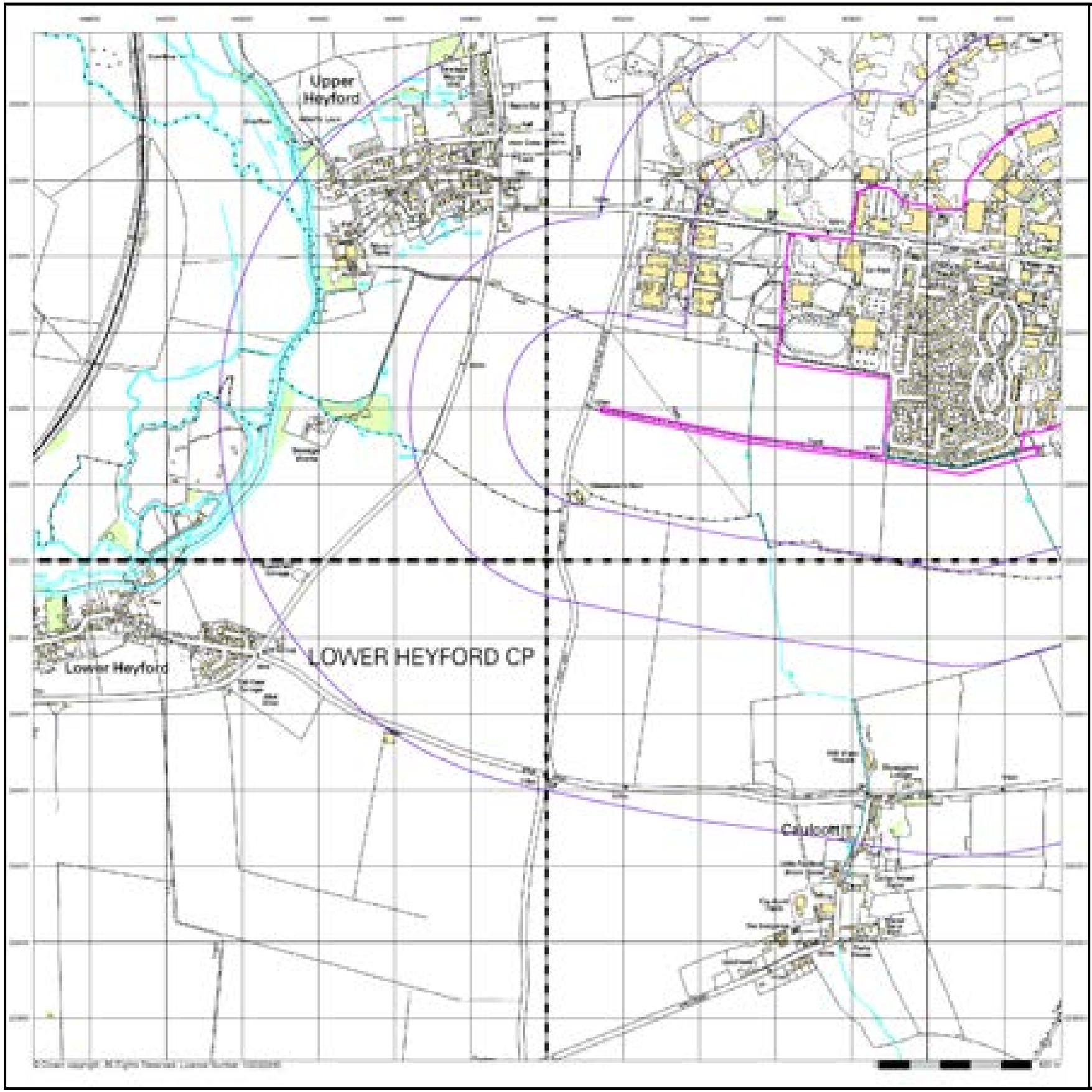


10k Raster Mapping

Published 2006

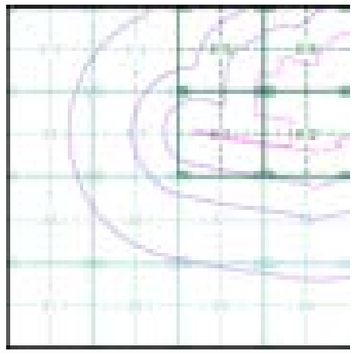
Source map scale - 1:10,000

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)

SP42NE 2006 1:10,000	SP52NW 2006 1:10,000
SP42SE 2006 1:10,000	SP52SW 2006 1:10,000

Historical Map - Slice A



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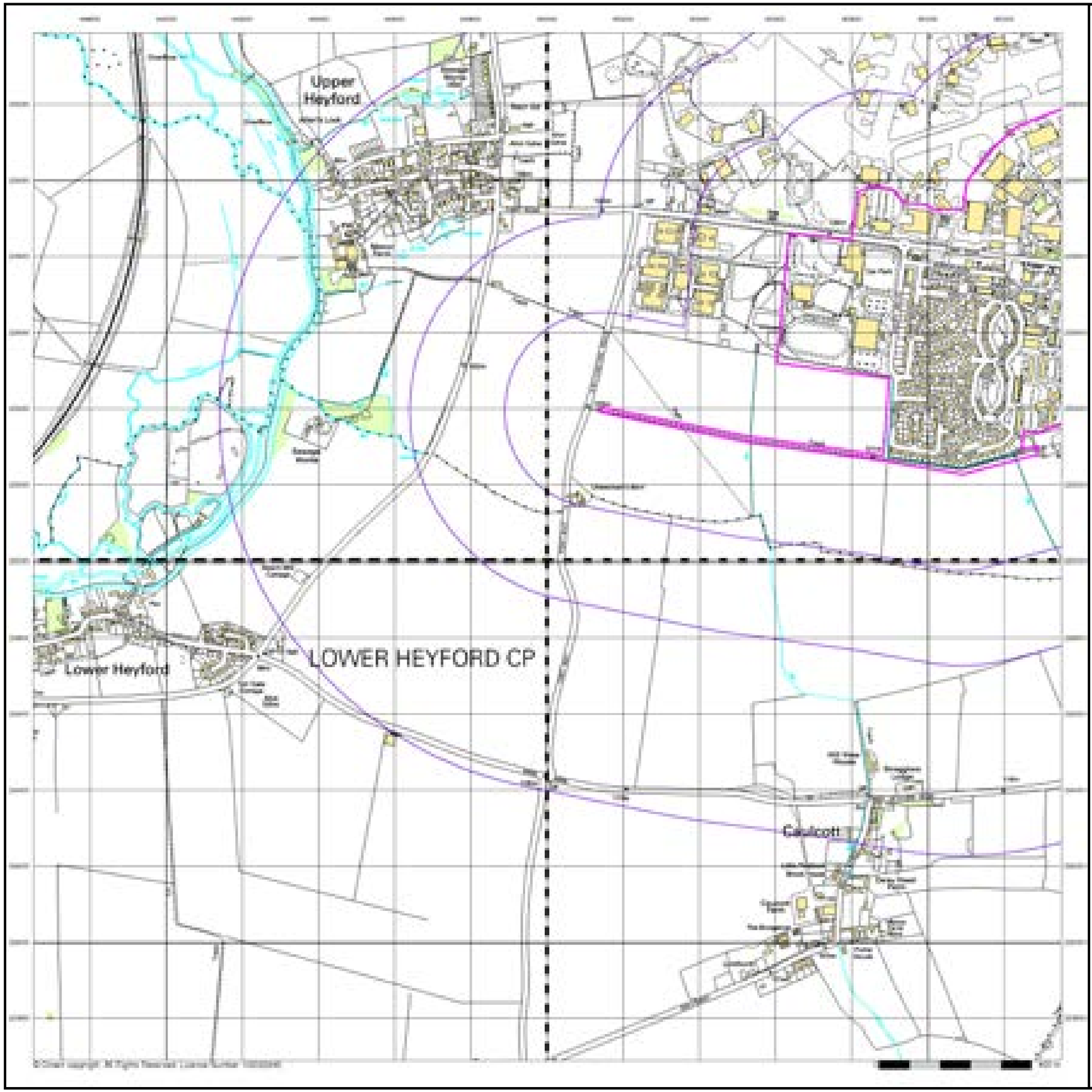

10k Raster Mapping

Published 2010

Source map scale - 1:10,000

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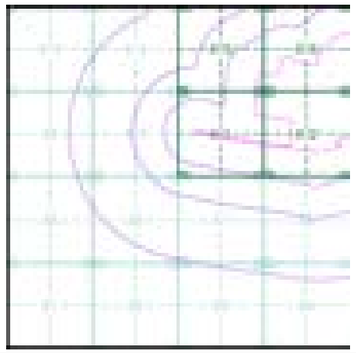
Map Name(s) and Date(s)

SP42NE 2010 1:10,000	SP52NW 2010 1:10,000
SP42SE 2010 1:10,000	SP52SW 2010 1:10,000

Historical Map - Slice A



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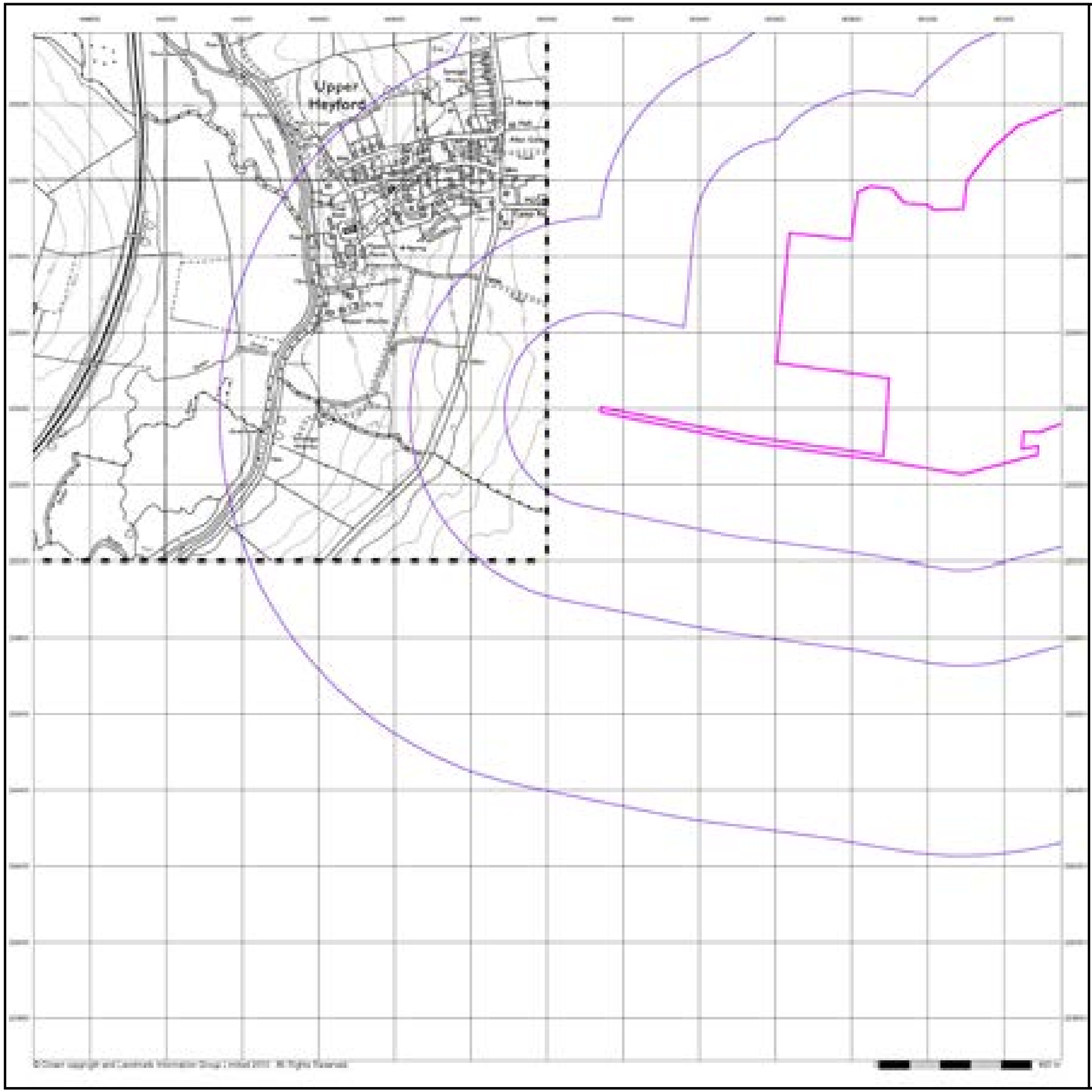

Ordnance Survey Plan

Published 1979

Source map scale - 1:10,000

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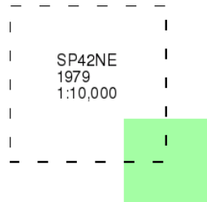
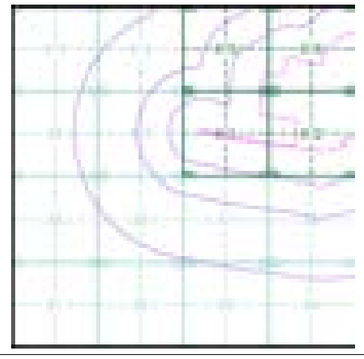
Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

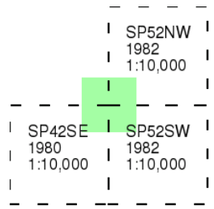
Ordnance Survey Plan

Published 1980 - 1982

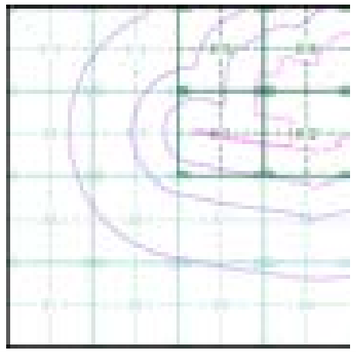
Source map scale - 1:10,000

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:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

Ordnance Survey Plan

Published 1993

Source map scale - 1:10,000

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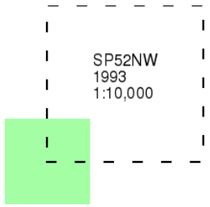
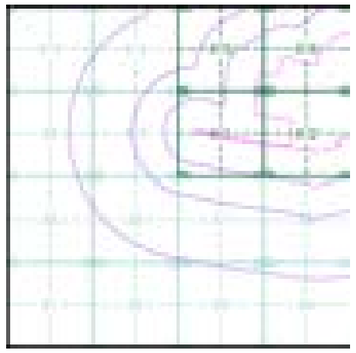
Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
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Site at, Upper Heyford Airfield, Oxfordshire

Tel: 0844 844 9952
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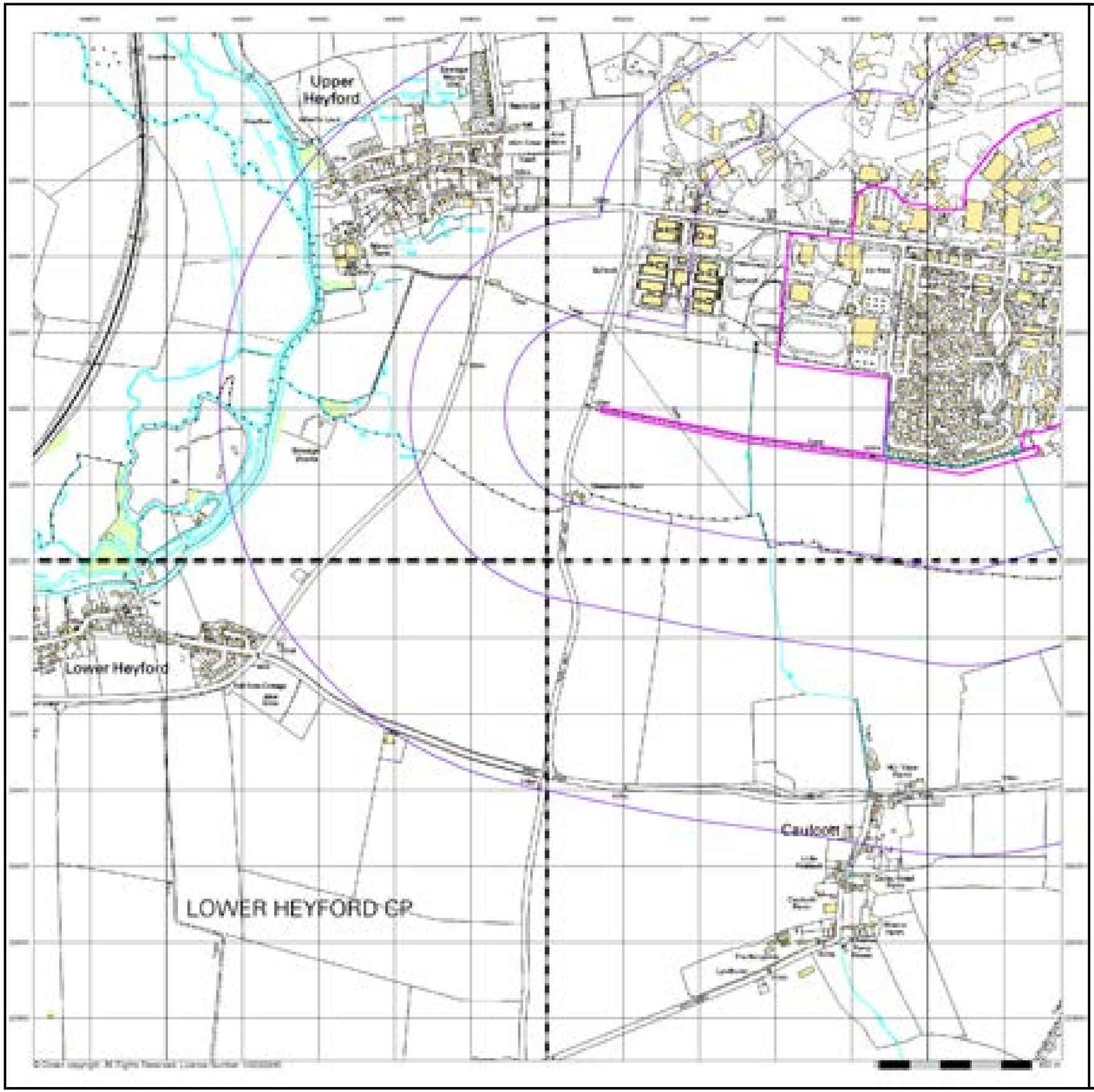


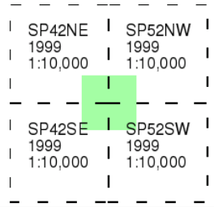
10k Raster Mapping

Published 1999

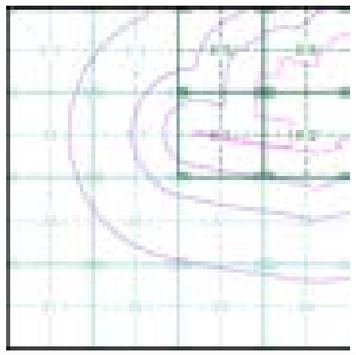
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
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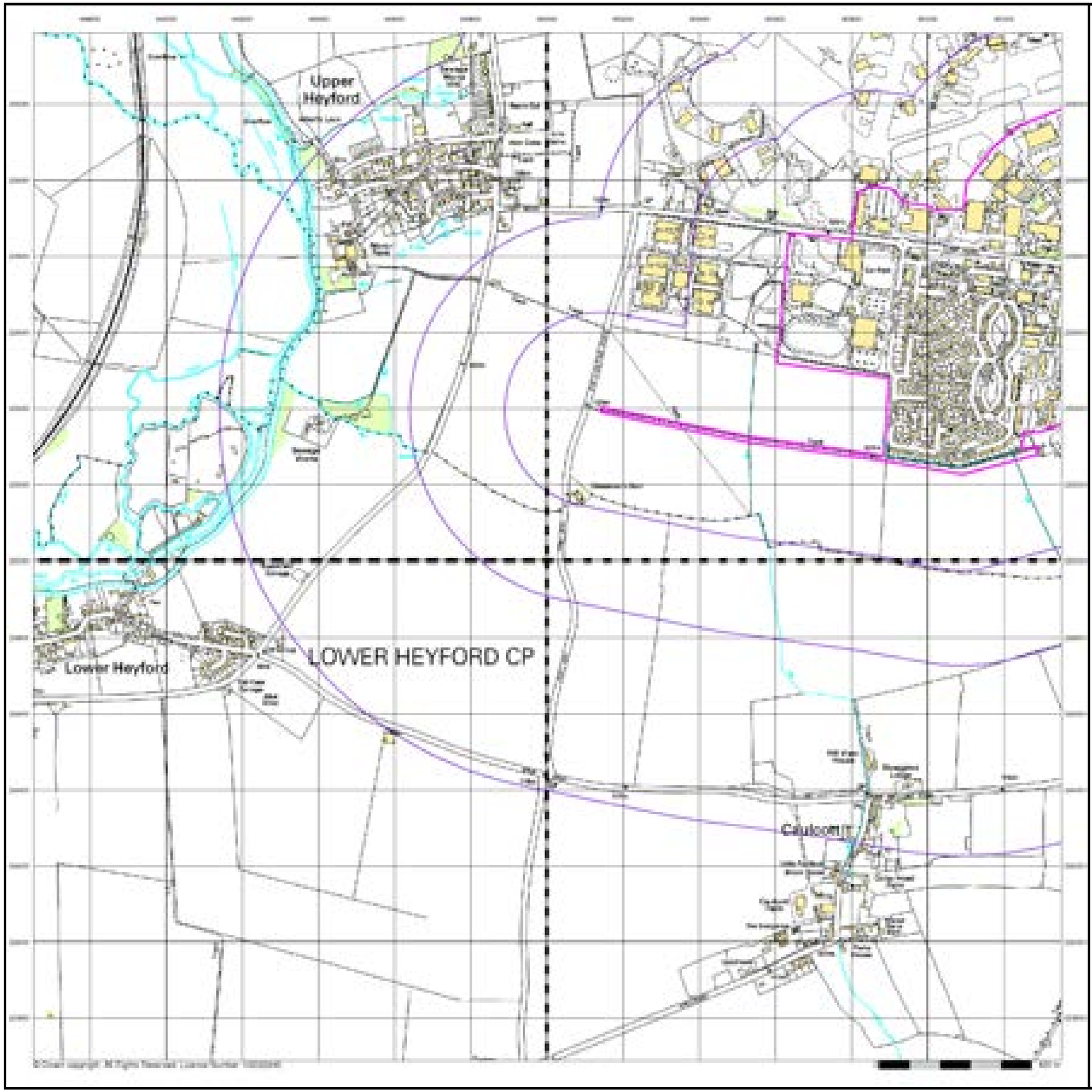
Search Buffer (m):	1000

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



10k Raster Mapping

Published 2006

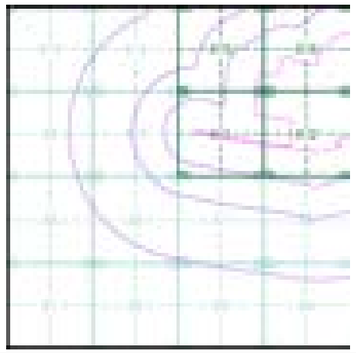
Source map scale - 1:10,000

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)

SP42NE 2006 1:10,000	SP52NW 2006 1:10,000
SP42SE 2006 1:10,000	SP52SW 2006 1:10,000

Historical Map - Slice A



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
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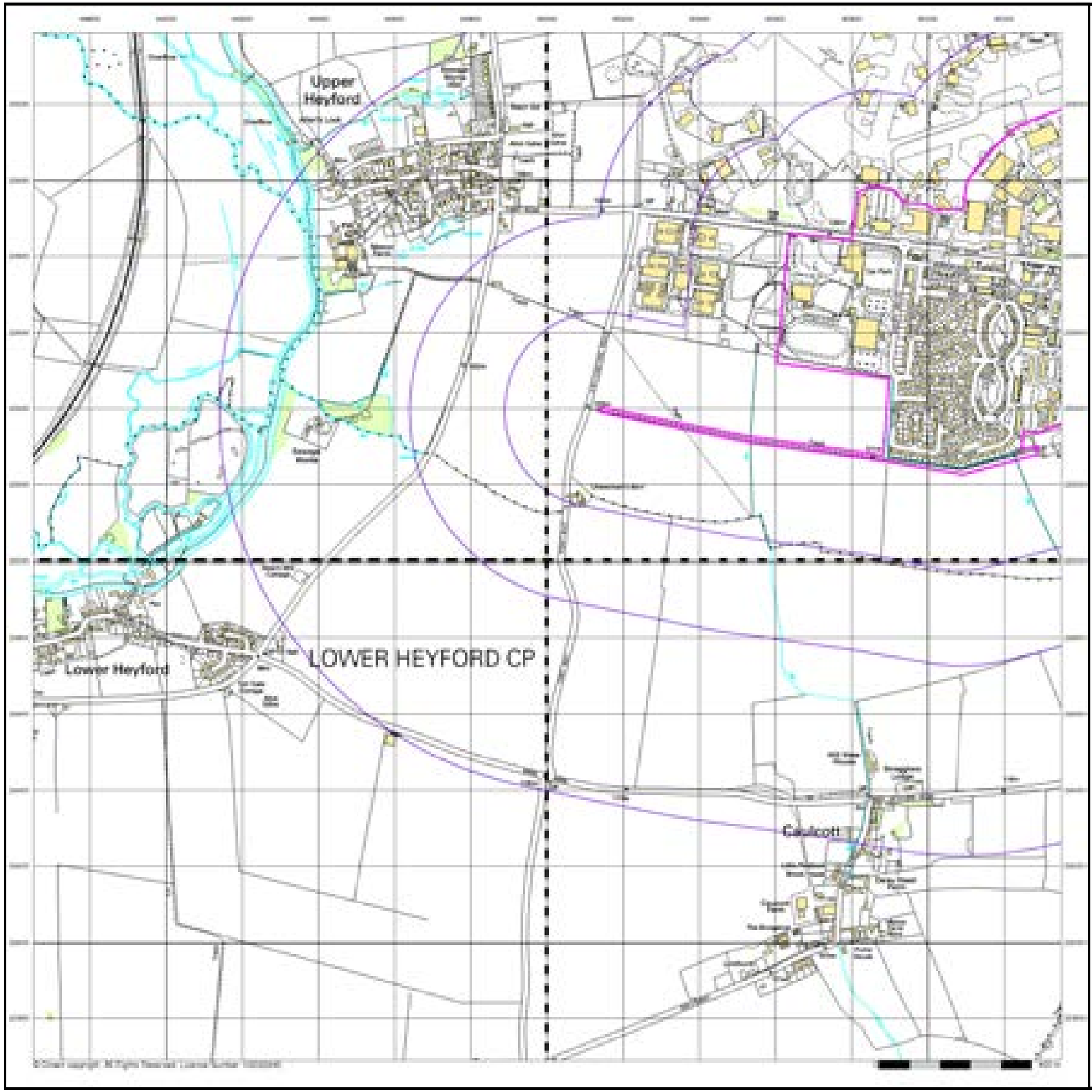


10k Raster Mapping

Published 2010

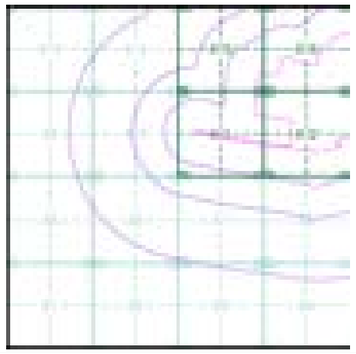
Source map scale - 1:10,000

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)

SP42NE 2010 1:10,000	SP52NW 2010 1:10,000
SP42SE 2010 1:10,000	SP52SW 2010 1:10,000

Historical Map - Slice A



Order Details

Order Number:	31993967_1_1
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National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
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Site Details

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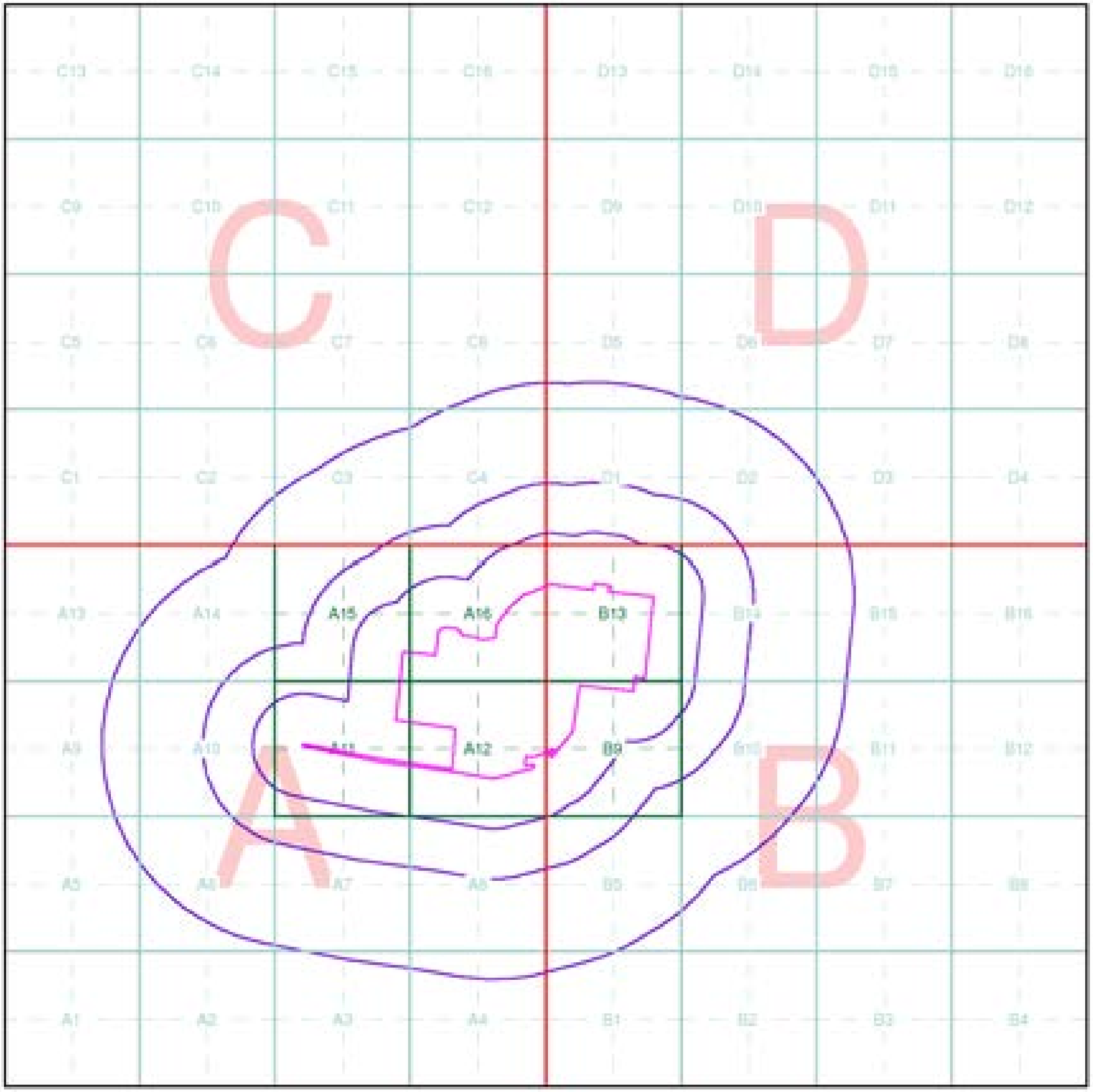

Index Map

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

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

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

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

A selection of organisations who provide data within this report:

Envirocheck reports are compiled from 136 different sources of data.

Client Details
Mr F Alcock, Waterman Energy Environment & Design Ltd, Versailles Court, 3 Paris Gardens, London, SE1 8ND

Order Details
Order Number: 31993967_1_1
Customer Ref: 10658
National Grid Reference: 451240, 225740
Site Area (Ha): 76.28
Search Buffer (m): 1000

Site Details
Site at, Upper Heyford Airfield, Oxfordshire

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

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   iii. any person who provides funding secured on the whole of the Property Site,
   iv. any person for whom You act in a professional or commercial capacity,
   v. any person who acts for You in a professional or commercial capacity; and
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   ii. You repeatedly breach or commit or cause to be committed any material breach of these Terms; or
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h. All liability for any insurance products purchased by You rests solely with the insurer. Landmark does not endorse any particular product or insurer and no information contained within the Services should be deemed to imply otherwise. You acknowledge that if You Order any such insurance Landmark will deem such as Your consent to forward a copy of the Report to the insurers. Where such policy is purchased, all liability remains with the insurers and You are entirely responsible for ensuring that the insurance policy offered is suitable for Your needs and should seek independent advice. Landmark does not guarantee that an insurance policy will be available on a Property Site. All decisions with regard to the offer of insurance policies for any premises will be made solely at the discretion of the insurers and Landmark accepts no liability in this regard. The provision of a Report does not constitute any indication by Landmark that insurance will be available on the property.
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   If Landmark provides You with any additional service obtained from a third party, including but not limited to any interpretation or conclusion, risk assessment or environmental report or search carried out in relation to a Report on Your Property Site, subject to clause 6.o below Landmark will not be liable in any way for any information contained therein or any issues arising out of the provision of those additional services to You. Landmark will be deemed to have acted as an agent in these circumstances and the supply of these additional services will be governed by the terms and conditions of those Third Parties.
j. In any event no person may rely on a Service more than 12 months after its original date.
k. If You wish to vary any limitation of liability as set out in these Terms, You must request such variation prior to ordering the Service. Landmark shall use its reasonable endeavours to agree such variation but shall not be obliged to do so.
l. Time shall not be of the essence with respect to the provision of the Services.
m. Ordnance Survey have undertaken a positional accuracy improvement programme which may result in discrepancies between the positioning of features used in datasets in the Services and the updated Ordnance Survey mapping. Subject to clause 6.o below, Landmark and its Suppliers exclude all and any liability incurred as a result of the implementation of such positional accuracy improvement programme.
n. Where Landmark provides its own risk assessment in connection with any Report, Landmark shall carry out such assessment with all reasonable skill and care but shall have no liability for any such risk assessment conclusion which is provided for information only, save where Landmark conducted the same negligently, in which case the provisions of clause 6 shall apply. Notwithstanding the provision of any such risk assessment conclusion you should carefully examine the remainder of the Report and should not take or refrain from taking any action based solely on the basis of the risk assessment. For the avoidance of doubt, the provisions of this clause 6n apply solely to risk assessments conducted by Landmark, and the provision of any other risk assessment by a third party shall be governed by such third party's terms in accordance with the provisions of clause 6i above.
o. Landmark obtains much of the information contained in its Report from third parties. Landmark will not accept any liability to You for any negligent or incorrect entry, or error or corruption in the Third Party Content supplied to Landmark, but Landmark's Suppliers may be liable for such negligent or incorrect entries, or errors or corruptions, subject to the terms and conditions on which they supply the Third Party Content to Landmark.

7. Contribution

a. Save where expressly provided, this clause 7 shall apply solely to Envirosearch Residential Reports (regardless of the result of such Report). Nothing in this clause 7 shall operate to override or vary the provisions of clause 6.
b. Landmark are prepared to offer, at their sole discretion, and without any admission or inference of liability a contribution towards the costs of any remediation works required under a Notice (as defined below) on the terms of this clause 7 ("the Contribution")
c. In the event that a Remediation Notice is served on the First Purchaser or First Purchaser's Lender of a Property Site under Part II(A) of the Environmental Protection Act 1990 ("the Notice") Landmark will contribute to the cost of such works as either the First Purchaser or First Purchaser's Lender (but not both) are required to carry out under the Notice subject to the provisions of this clause 7 and on the following terms:
   i. the Contribution shall only apply to contamination or a pollution incident present or having occurred prior to the date of the Report;
   ii. the Contribution shall only apply where the Property Site is a single residential dwelling house or a single residential flat within a block of flats. For the avoidance of doubt, this obligation does not apply to any commercial property, nor to any Property Site being developed or redeveloped whether for residential purposes or otherwise;
   iii. the Contribution is strictly limited to the cost of works at the Property Site and at no other site.
   iv. the Contribution will not be paid in respect of any of the following:
   Radioactive contamination of whatsoever nature, directly or indirectly caused by or contributed to or arising from ionising radiations or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel or the radioactive toxic explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof.
   Asbestos arising out of or related in any way to asbestos or asbestos-containing materials on or in structures or services serving the structures.
   Naturally occurring materials arising from the presence or required removal of naturally occurring materials except in circumstances where such materials are present in concentrations which are in excess of their natural concentration.
   Intentional non-compliance arising from the intentional disregard of or knowing wilful or deliberate non-compliance by any owner or occupier of the Property Site with any statute, regulation, administrative complaint, notice of violation, or notice letter of any Regulatory Authority.
   Any condition which is known or ought reasonably to have been known to the First Purchaser or the First Purchaser's Lender prior to the purchase of the Report.
   Any condition which is caused by acts of War or an Act of Terrorism.
   Any property belonging to or in the custody or control of the First Purchaser which does not form a fixed part of the Property Site or the structure.
   Any fines liquidated damages punitive or exemplary damages.
   Any bodily injury including without limitation, death, illness or disease, mental injury, anguish or nervous shock.
   Any financial loss in respect of any loss of any rental, profit, revenue, savings or business or any consequential indirect or economic loss damage or expense including the cost of rent of temporary premises or business interruption.
   Any losses incurred following a material change in use of, alteration or development of the Property Site.
d. The maximum sum that shall be contributed by Landmark in respect of any Contribution shall be limited to £60,000. In the event that more than one Report is purchased on the Property Site the Contribution will only be payable under the first Report purchased by or on behalf of any First Purchaser or First Purchaser's Lender and no Contribution will be made in respect of subsequent Reports purchased by or on behalf of such First Purchaser, First Purchaser's Lender or any person connected to them.
e. Landmark shall only pay a Contribution where the Notice is served within 36 months of the date of the Report.
f. Any rights to a Contribution under this Clause 7 are not assignable in the event of a sale of the Property Site and Landmark will not make any Contribution after the date of completion of such sale.
g. In the event the First Purchaser or First Purchaser's Lender wishes to claim any Contribution, it shall notify Landmark in writing within 3 months of the date of the Notice. The First Purchaser or First Purchaser's Lender (as applicable) shall comply with all reasonable requirements of Landmark with regard to the commission and conduct of the remediation works to be carried out under the Notice, and in the event the First Purchaser or First Purchaser's Lender (as applicable) does not do so, including without limitation, obtaining Landmark's prior written consent to any estimates for such works or complying with any other reasonable request by Landmark, Landmark shall not be required to pay any Contribution. Notwithstanding the payment of the Contribution by Landmark the First Purchaser or First Purchaser's Lender as applicable shall take all reasonable steps to mitigate any costs incurred in connection with the conduct of works required under the terms of any Notice.
h. In the event that the First Purchaser or First Purchaser's Lender receives any communication from a statutory authority to the effect that there is an intent to serve a notice received under PartII(A) of the Environmental Protection Act 1990 they will advise Landmark within a maximum period of two months from receipt of such communication. This clause 7h and the service of any notice under it shall not affect the provisions of clauses 7 e and g, and any such communications, even if advised to Landmark will not operate as notice under clause 7e.
i. Landmark reserve the right at any time prior to a claim for Contribution being made in accordance with clause 7 g) above, to withdraw the offer of payment of Contributions without further notice.

8. Events Beyond Our Control

a. You acknowledge that Landmark shall not be liable for any delay, interruption or failure in the provision of the Services which are caused or contributed to by any circumstance which is outside our reasonable control including but not limited to, lack of power, telecommunications failure or overload, computer malfunction, inaccurate processing of data, or delays in receiving, loading or checking data, corruption of data whilst in the course of conversion, geo-coding, processing by computer in the course of electronic communication, or printing.

9. Severability

a. If any provision of these Terms are found by either a court or other competent authority to be void, invalid, illegal or unenforceable, that provision shall be deemed to be deleted from these Terms and never to have formed part of these Terms and the remaining provisions shall continue in full force and effect.

10. Governing Law

a. These terms shall be governed by and construed in accordance with English law and each party agrees irrevocably submit to the exclusive jurisdiction of the English courts If any dispute arises out of or in connection with this agreement (a "Dispute") the parties undertake that, prior to the commencement of Court proceedings, they will seek to have the Dispute resolved amicably by use of an alternative dispute resolution procedure acceptable to both parties with the assistance of the Centre for Dispute Resolution (CEDR) if required, by written notice initiating that procedure. If the Dispute has not been resolved to the satisfaction of either party within 60 days of initiation of the procedure or if either party fails or refuses to participate in or withdraws from participating in the procedure then either party may refer the Dispute to the Court.

11. General; Complaints

a. Landmark may assign its rights and obligations under these Terms without prior notice or any limitation.
b. Landmark may authorise or allow our contractors and other third parties to provide to Landmark and/or to You services necessary or related to the Services and to perform Landmark's obligations and exercise Landmark's rights under these Terms, which may include collecting payment on Landmark's behalf.
c. No waiver on Landmark's part to exercise, and no delay in exercising, any right, power or provision hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any right, power or provision hereunder preclude the exercise of that or any other right, power or provision.
d. Unless otherwise stated in these Terms, all notices from You to Landmark must be in writing and sent to the Landmark registered office (or in the case of an Authorised Reseller, to its registered office address) and subject to paragraph e below all notices from Landmark to You will be displayed on our Websites from time to time.
e. Any complaints in relation to the Services should, in the first instance, be in writing addressed to the Customer Service Support Manager at the Landmark registered office. Landmark or its agents will respond to any such complaints in writing as soon as practicably possible.
f. A person who is not a party to any contract made pursuant to these Terms shall have no right under the Contract (Right of Third Parties) Act 1999 to enforce any terms of such contract and Landmark shall not be liable to any such third party in respect of any Services supplied.
g. Landmark's Privacy Policy as displayed on the Website governs the use made of any information You supply to Landmark.

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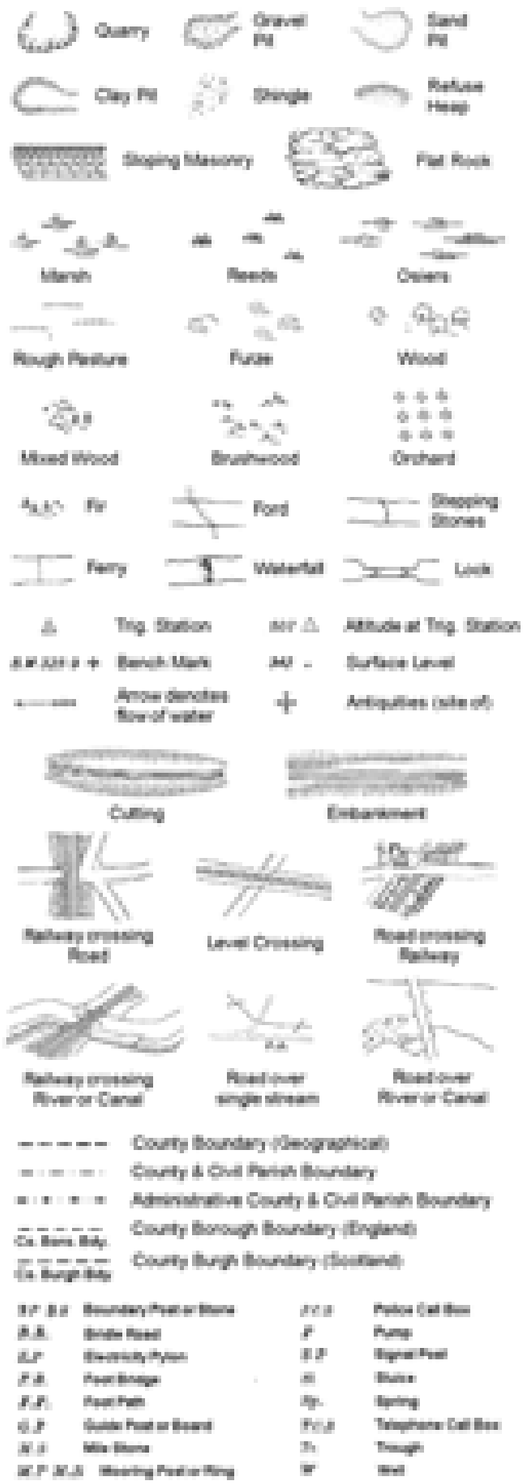
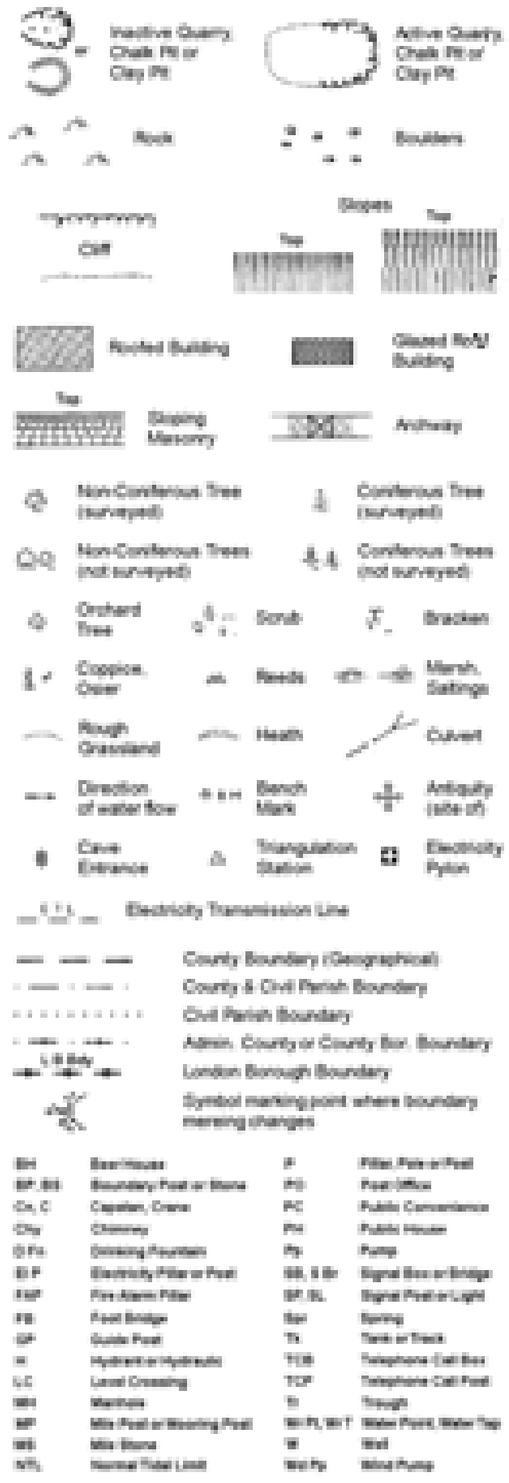
Historical Mapping Legends

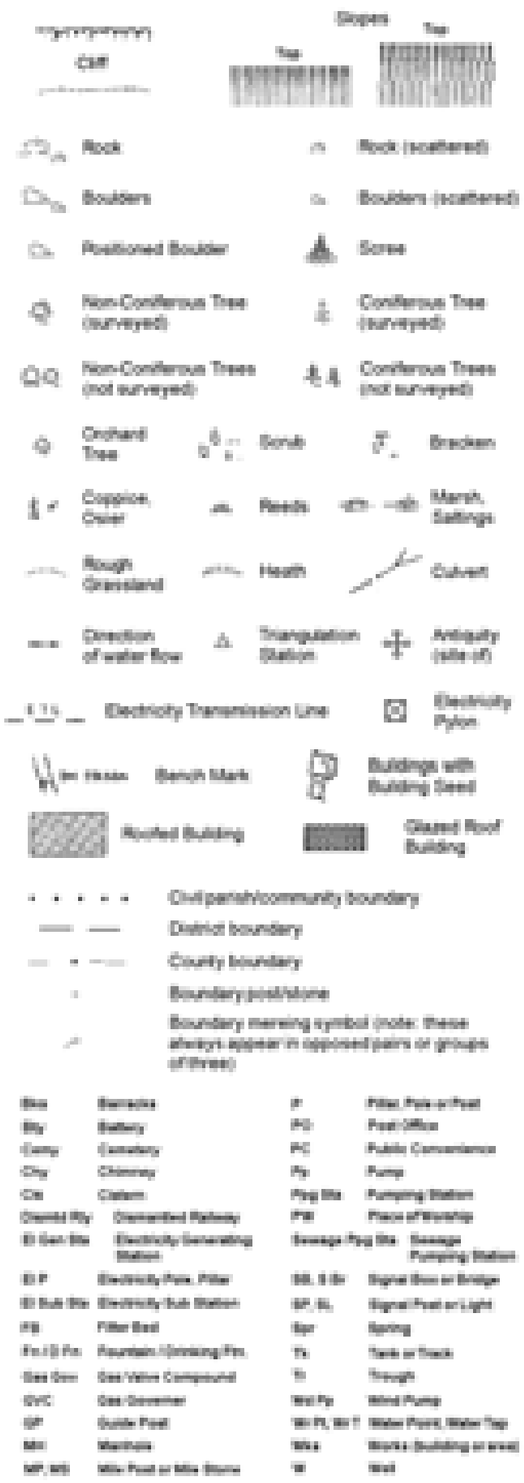
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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

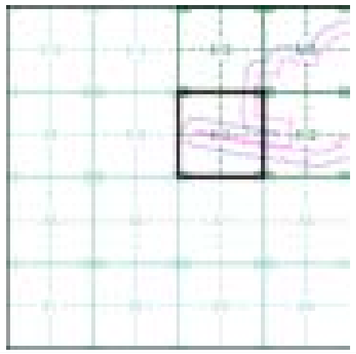


Waterman

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:2,500	1875 - 1881	2
Oxfordshire	1:2,500	1900	3
Oxfordshire	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1975	5
Additional SIMs	1:2,500	1982	6
Large-Scale National Grid Data	1:2,500	1994	7

Historical Map - Segment A11



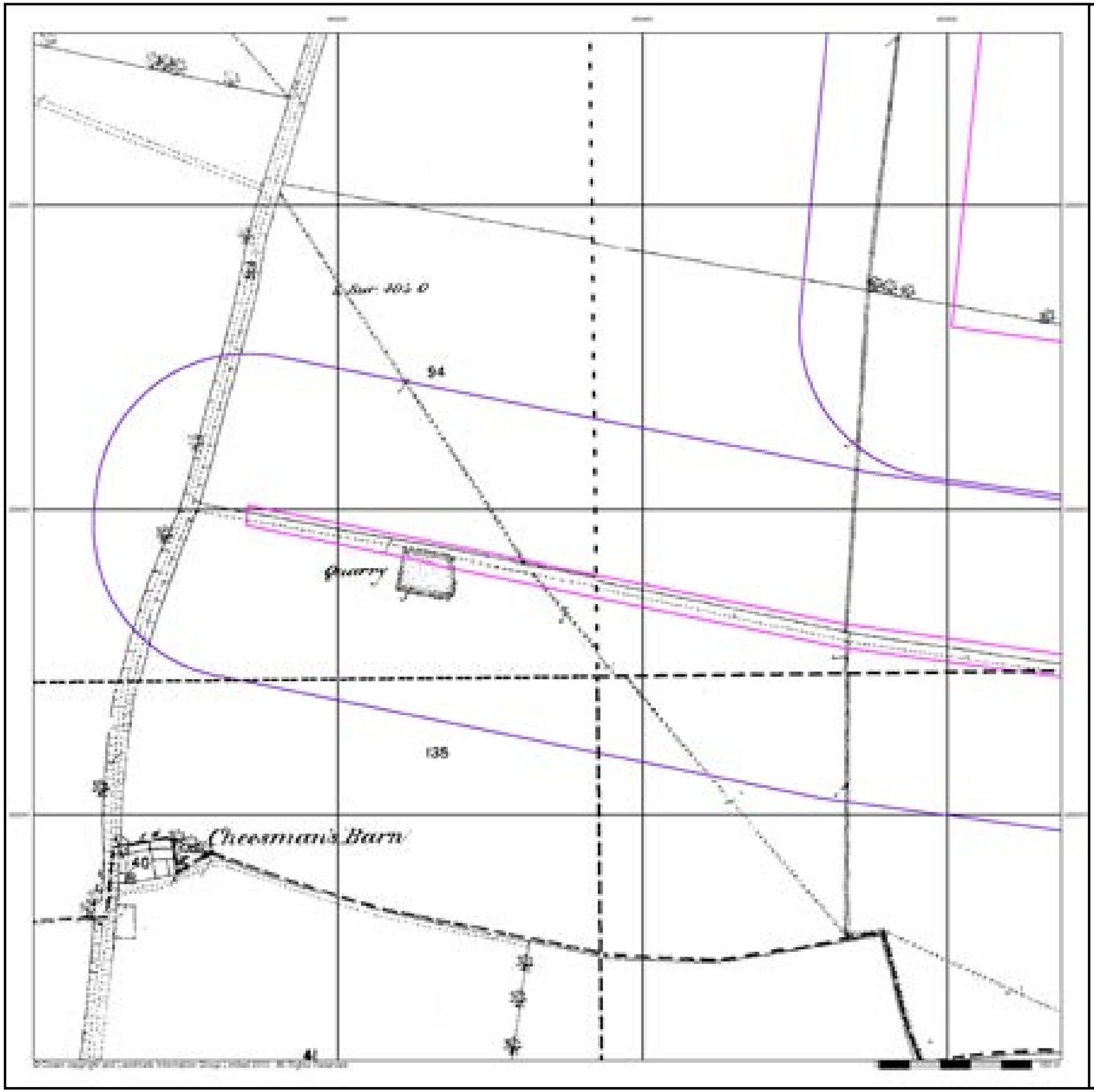
Order Details

Order Number: 31993967_1_1
Customer Ref: 10658
National Grid Reference: 450350, 225360
Slice: A
Site Area (Ha): 76.28
Search Buffer (m): 100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



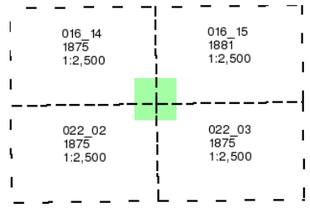
Oxfordshire

Published 1875 - 1881

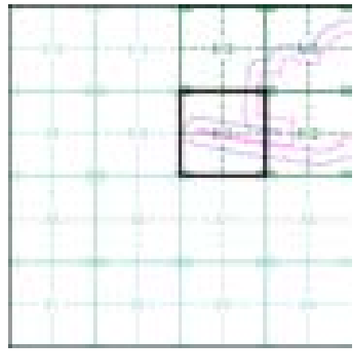
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

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Site Area (Ha):	76.28
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Site Details

Site at, Upper Heyford Airfield, Oxfordshire

Tel: 0844 844 9952
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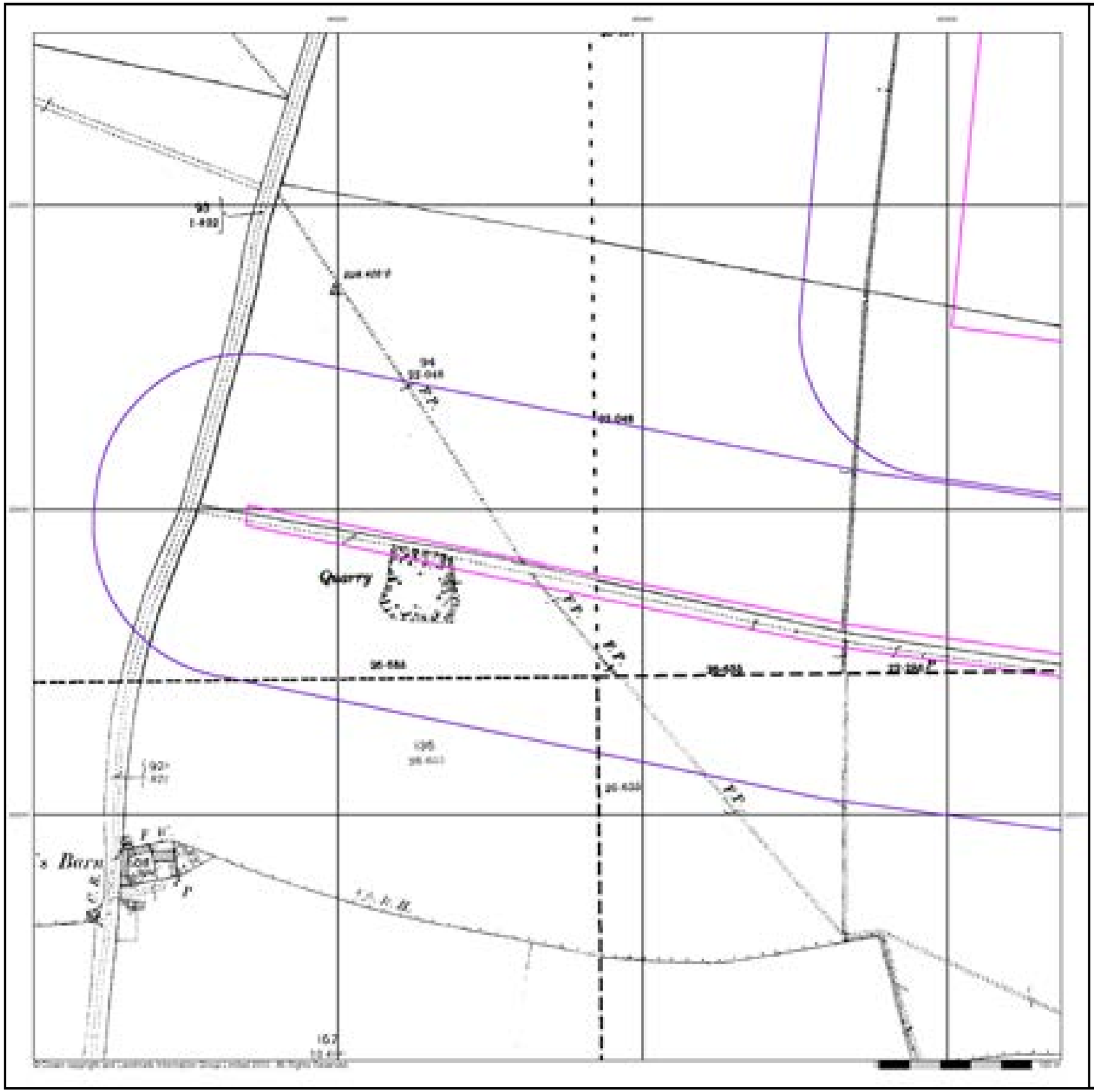


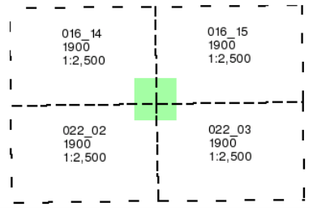
Oxfordshire

Published 1900

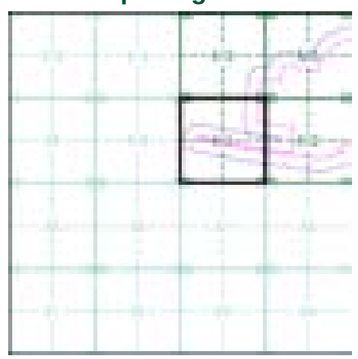
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



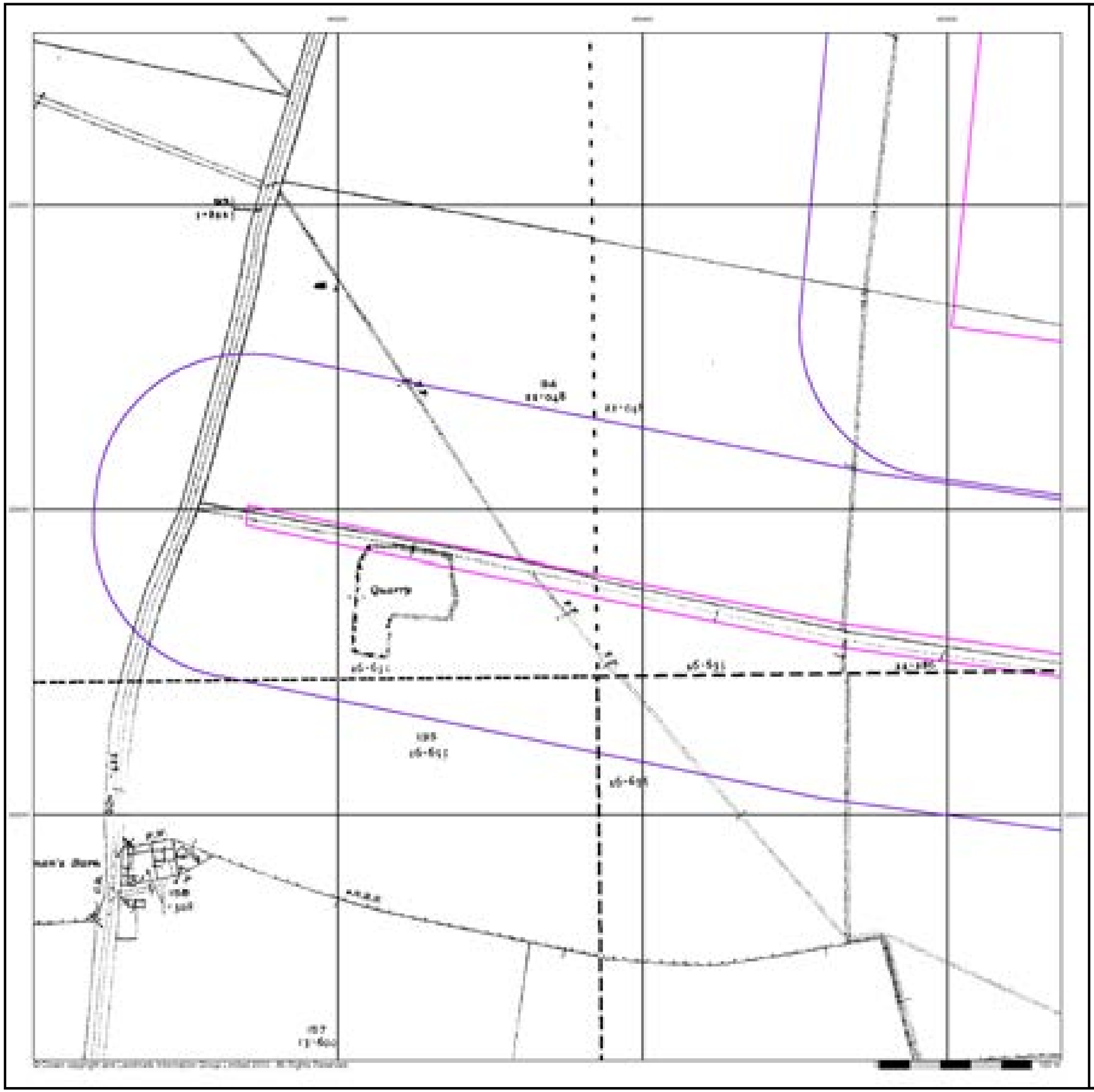
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



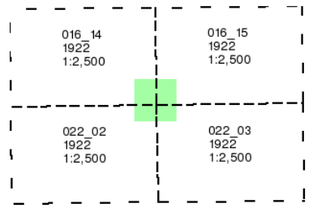
Oxfordshire

Published 1922

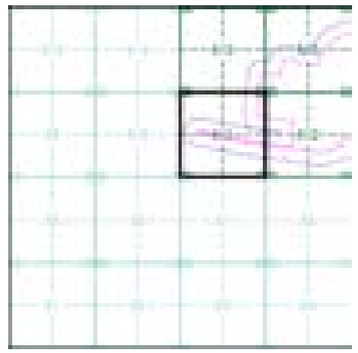
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

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National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

Ordnance Survey Plan

Published 1975

Source map scale - 1:2,500

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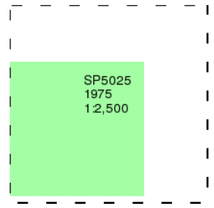
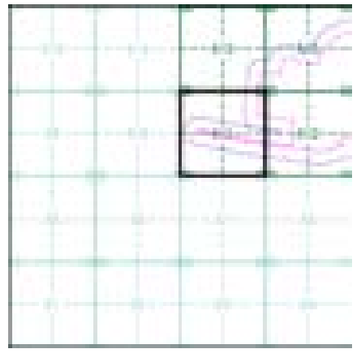
Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

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Search Buffer (m):	100

Site Details

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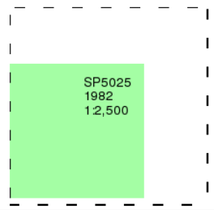
Additional SIMs

Published 1982

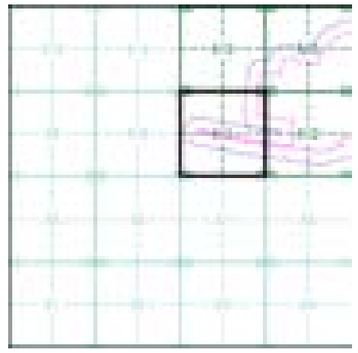
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



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Site Details

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Web: www.envirocheck.co.uk

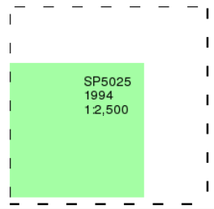
Large-Scale National Grid Data

Published 1994

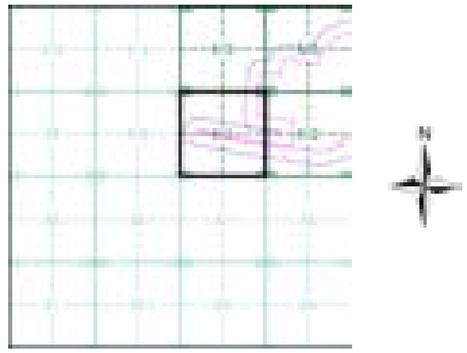
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



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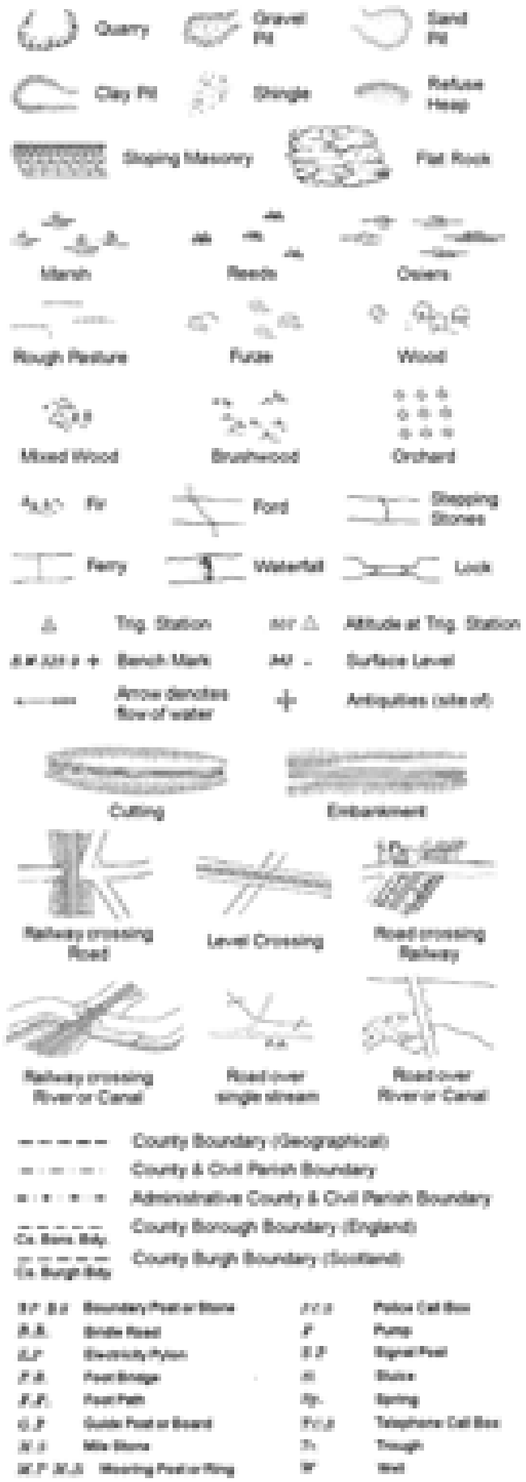
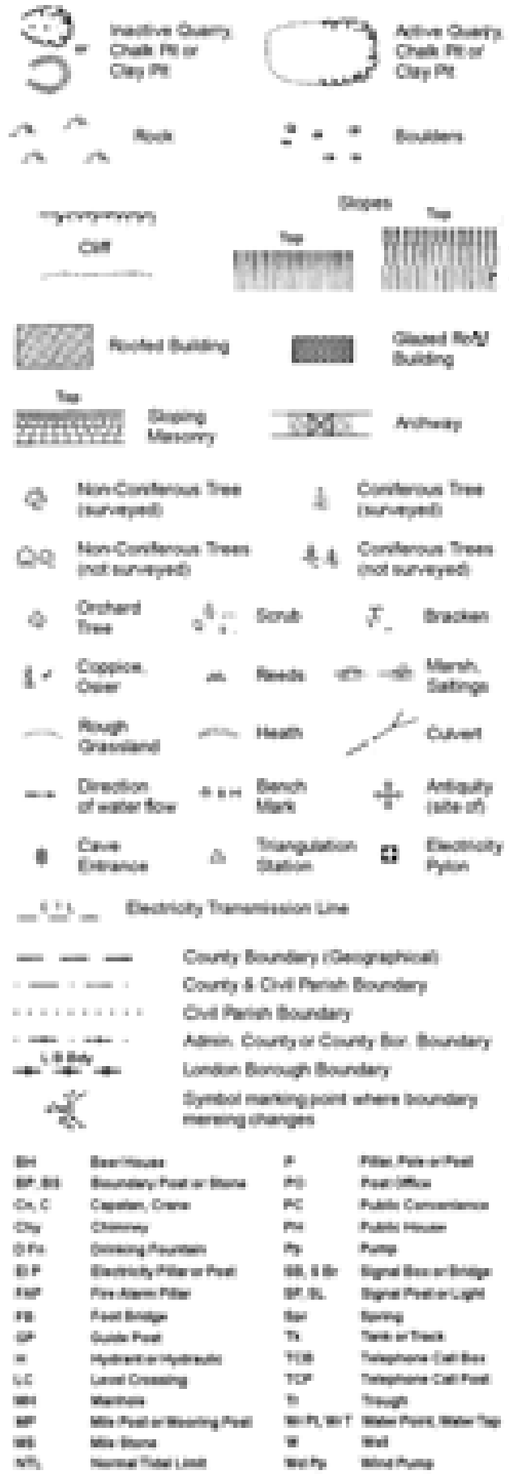
Historical Mapping Legends

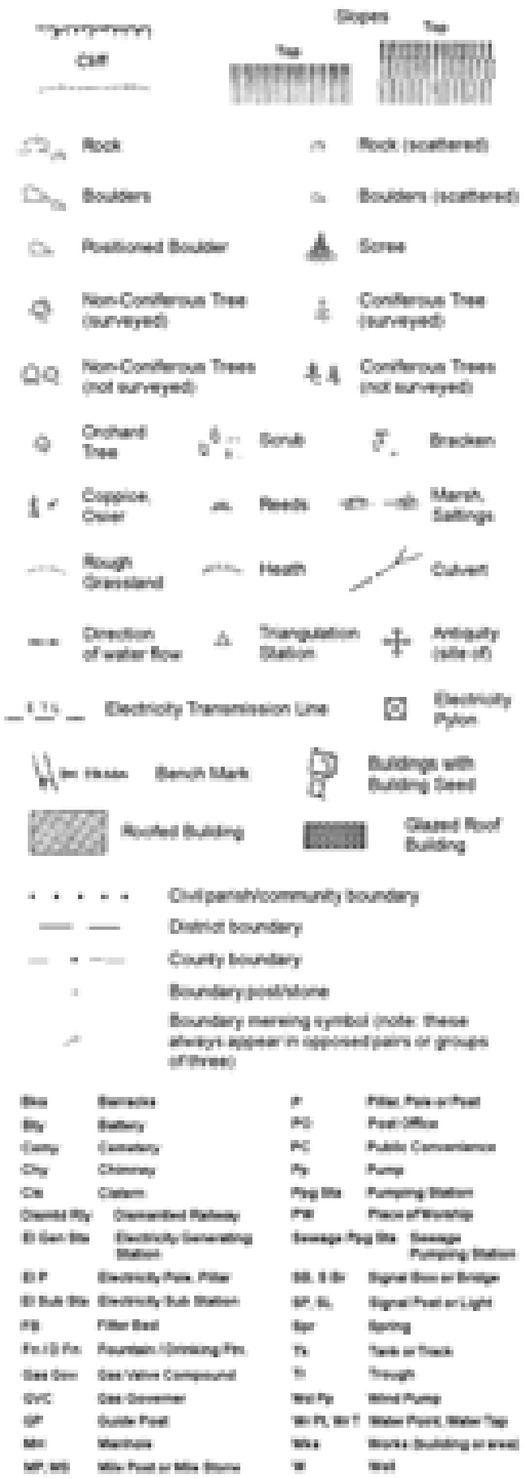
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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

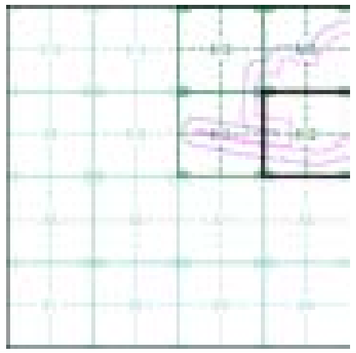


waterman

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:2,500	1875 - 1881	2
Oxfordshire	1:2,500	1900	3
Oxfordshire	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1975	5
Additional SIMs	1:2,500	1975 - 1982	6
Large-Scale National Grid Data	1:2,500	1994	7
Large-Scale National Grid Data	1:2,500	1995	8

Historical Map - Segment A12



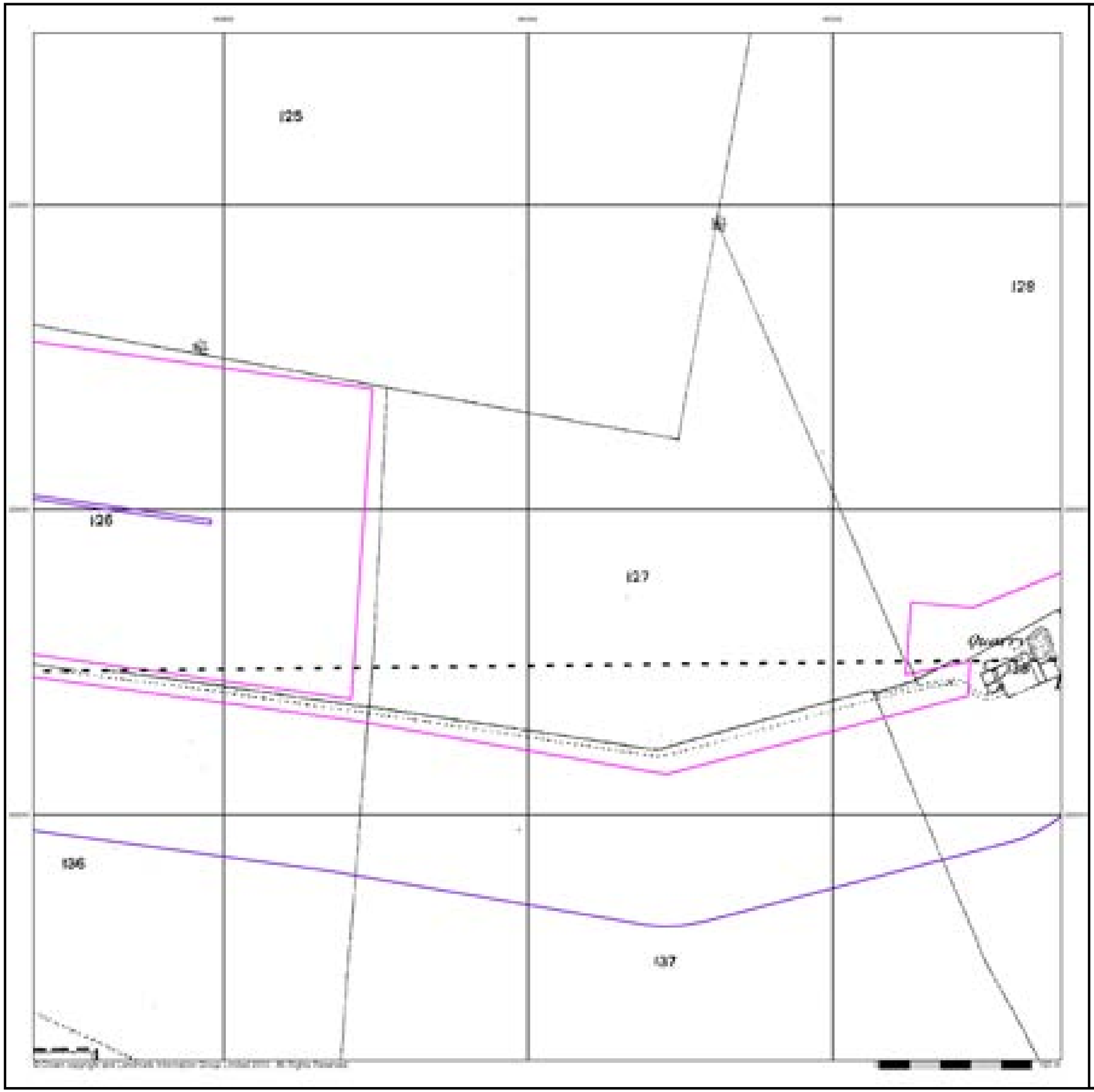
Order Details

Order Number: 31993967_1_1
Customer Ref: 10658
National Grid Reference: 450350, 225360
Slice: A
Site Area (Ha): 76.28
Search Buffer (m): 100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



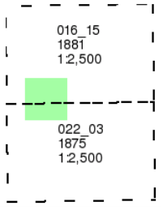
Oxfordshire

Published 1875 - 1881

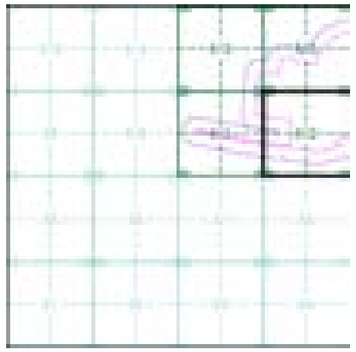
Source map scale - 1:2,500

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 A12



Order Details

Order Number:	31993967_1_1
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Slice:	A
Site Area (Ha):	76.28
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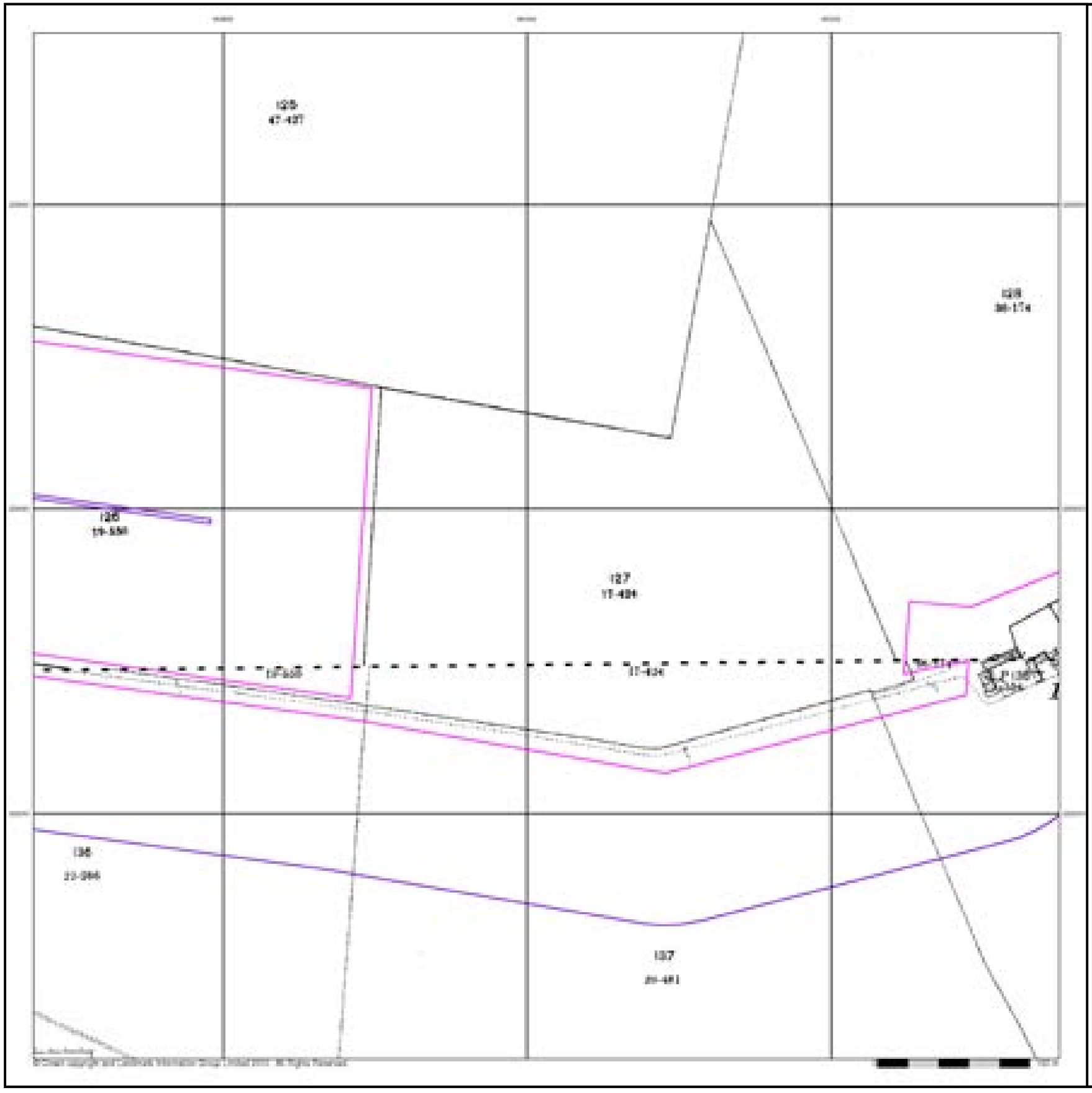

Oxfordshire

Published 1900

Source map scale - 1:2,500

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

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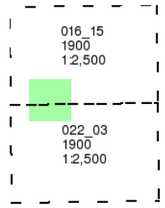
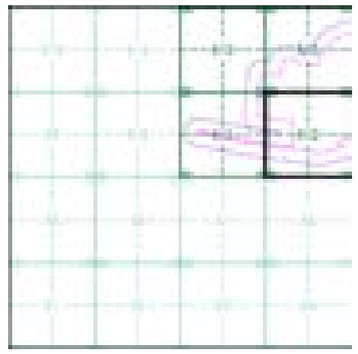


Historical Map - Segment A12



Order Details

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Site Area (Ha):	76.28
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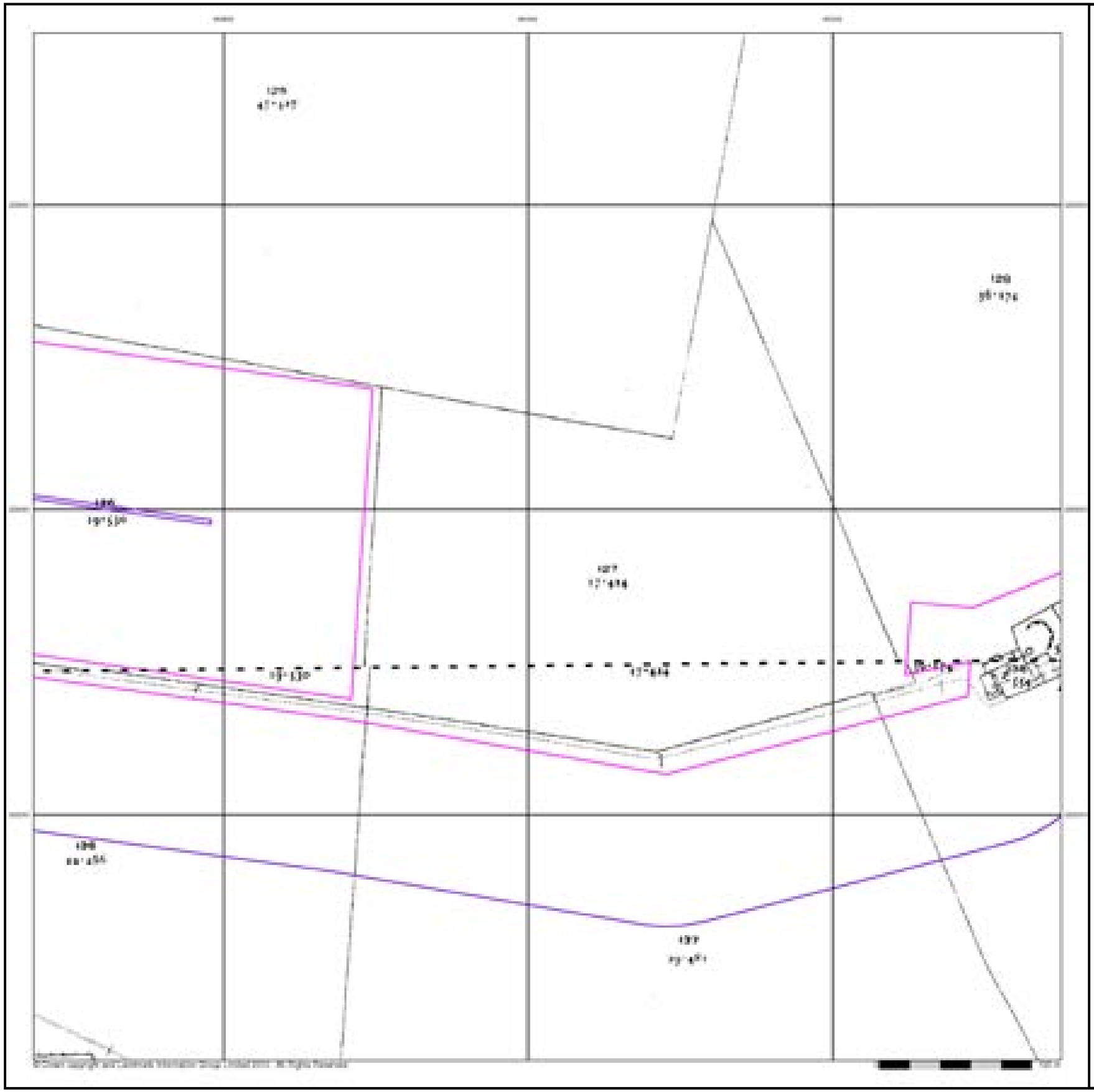

Oxfordshire

Published 1922

Source map scale - 1:2,500

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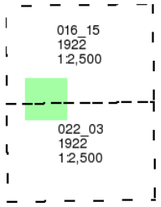
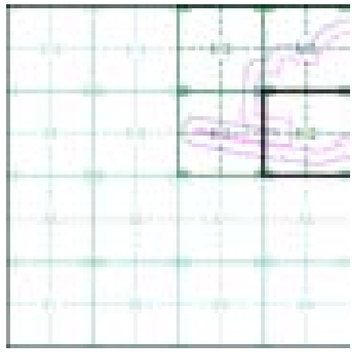
Map Name(s) and Date(s)



Historical Map - Segment A12



Order Details

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Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

Ordnance Survey Plan

Published 1975

Source map scale - 1:2,500

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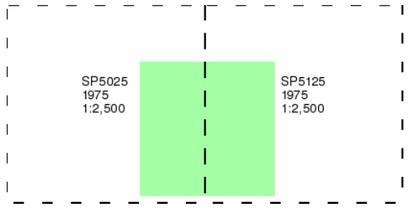
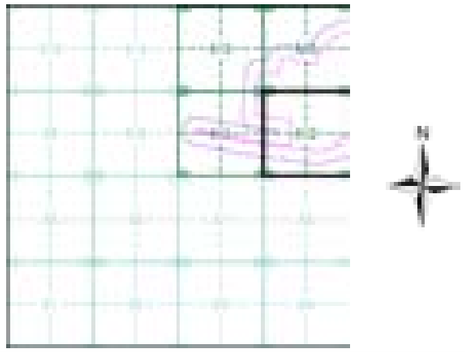


Historical Map - Segment A12



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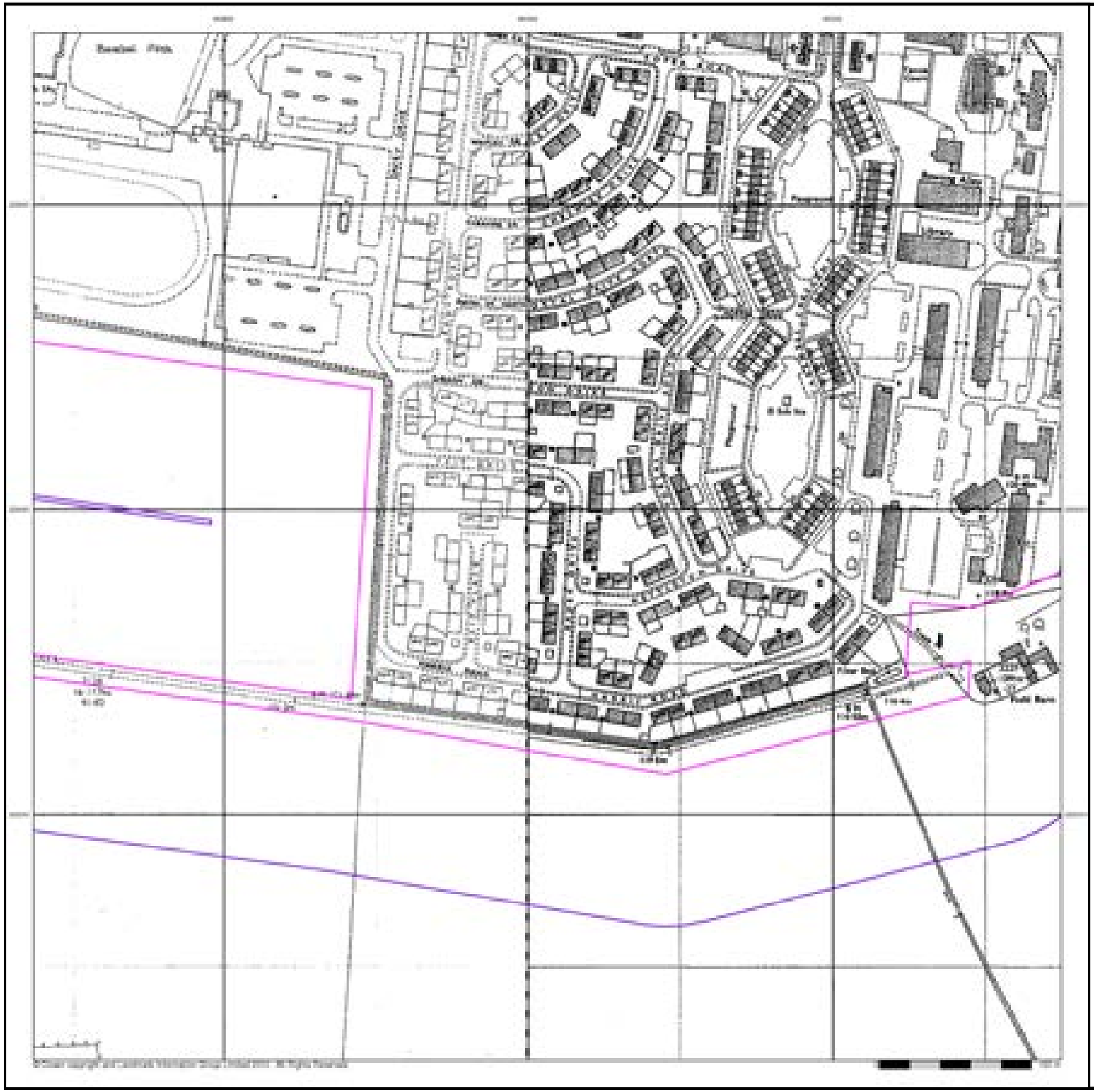


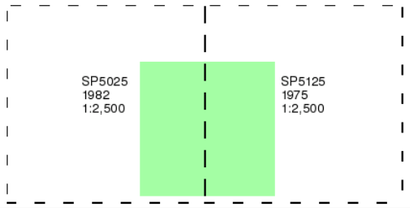
Additional SIMs

Published 1975 - 1982

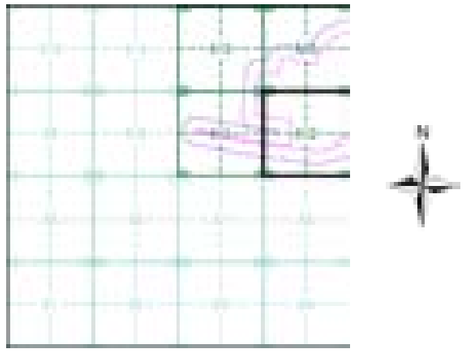
Source map scale - 1:2,500

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 A12



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Site Area (Ha):	76.28
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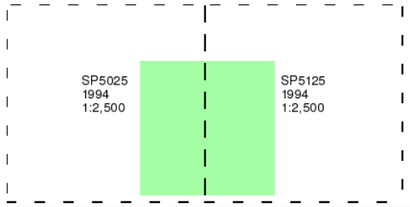
Large-Scale National Grid Data

Published 1994

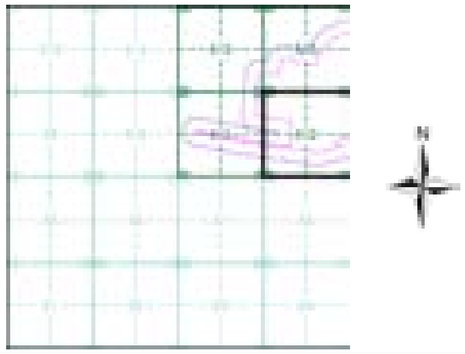
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A12



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Published 1995

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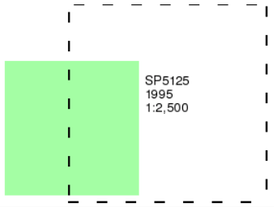
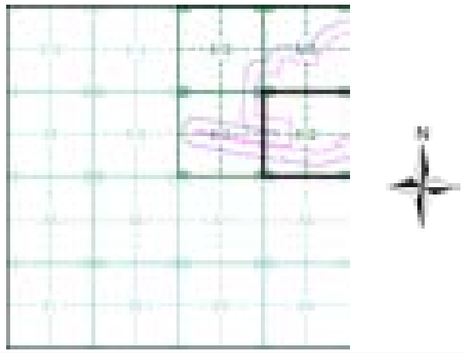
Map Name(s) and Date(s)



Historical Map - Segment A12



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National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
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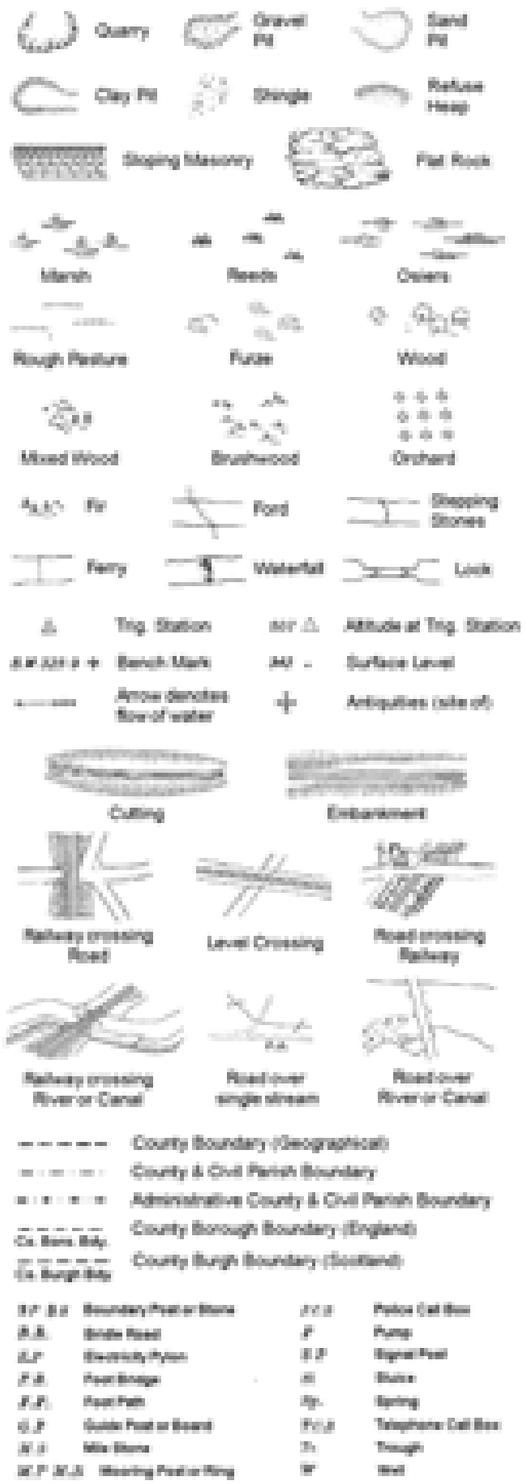
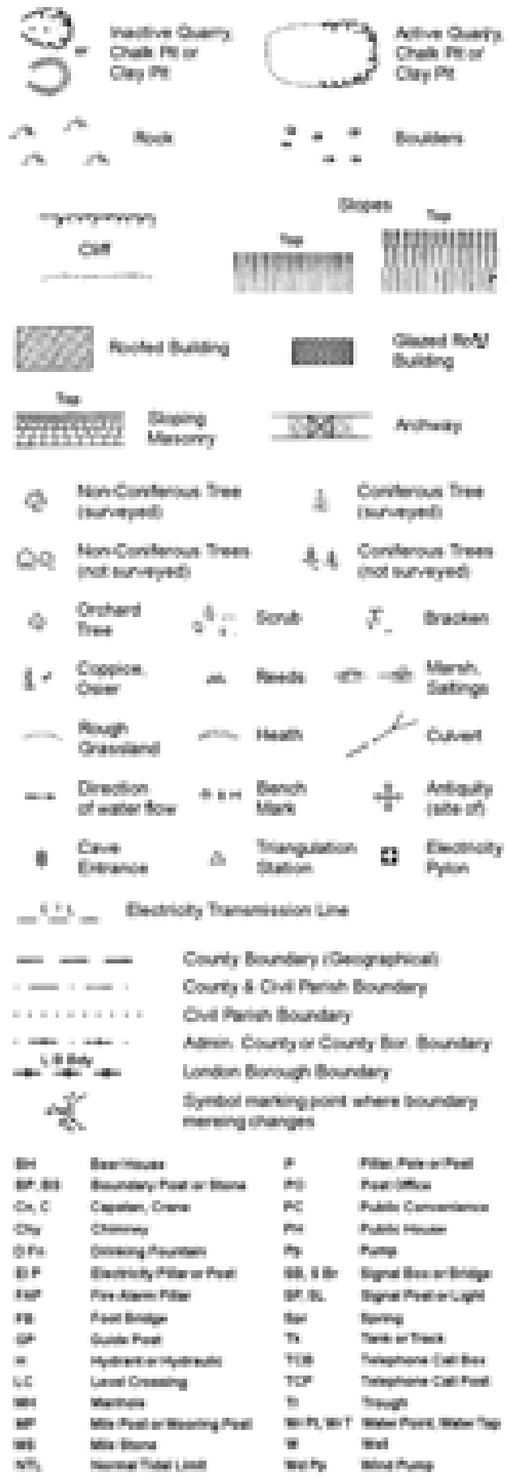
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

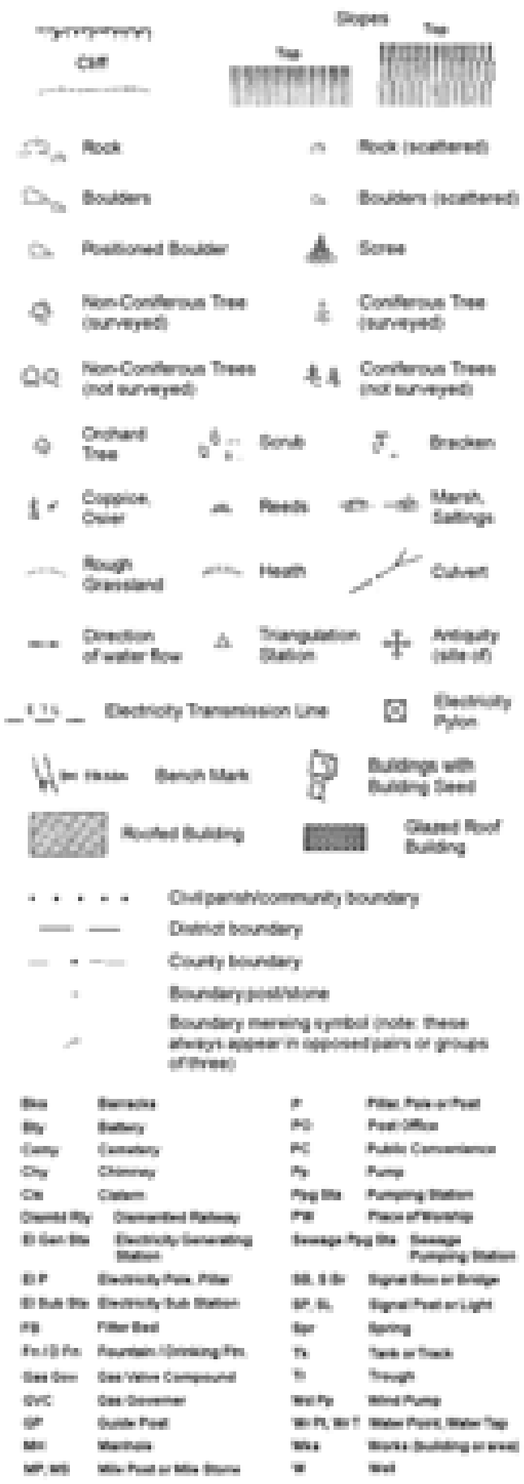
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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

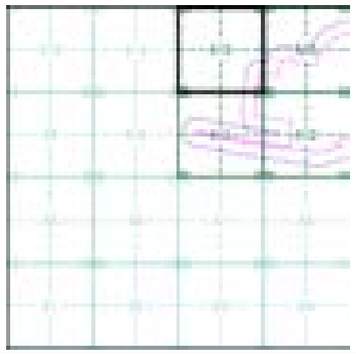


waterman

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:2,500	1875 - 1881	2
Oxfordshire	1:2,500	1900	3
Oxfordshire	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1975 - 1976	5
Additional SIMs	1:2,500	1976 - 1982	6
Large-Scale National Grid Data	1:2,500	1994	7

Historical Map - Segment A15



Order Details

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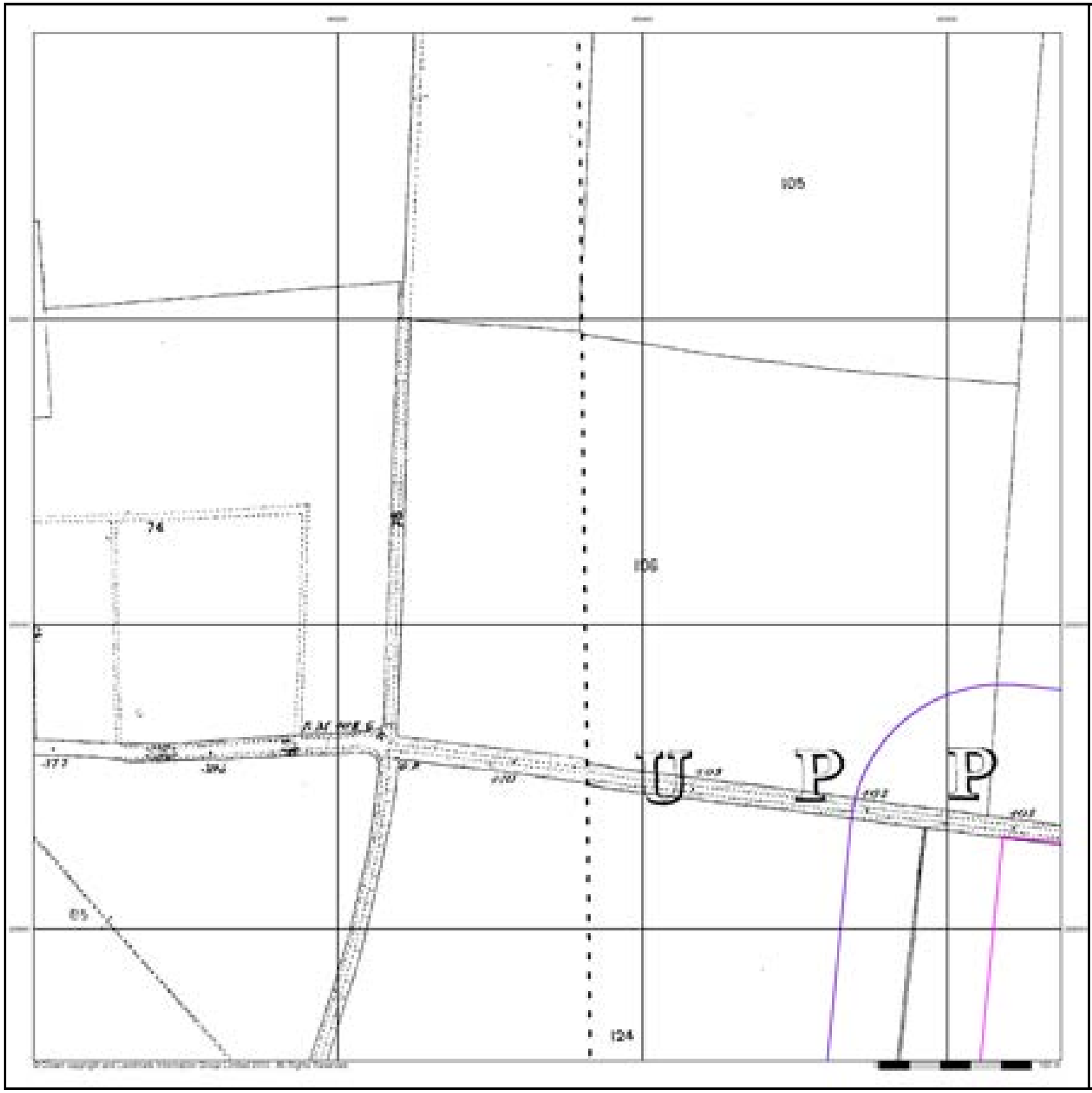

Oxfordshire

Published 1875 - 1881

Source map scale - 1:2,500

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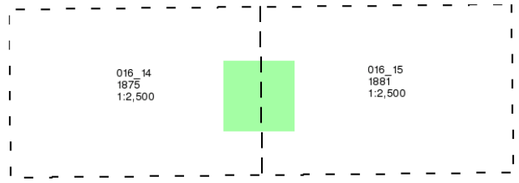
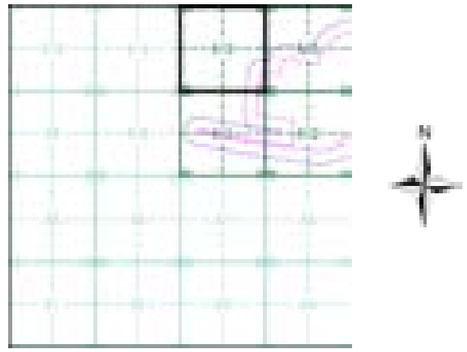


Historical Map - Segment A15



Order Details

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Slice:	A
Site Area (Ha):	76.28
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Landmark
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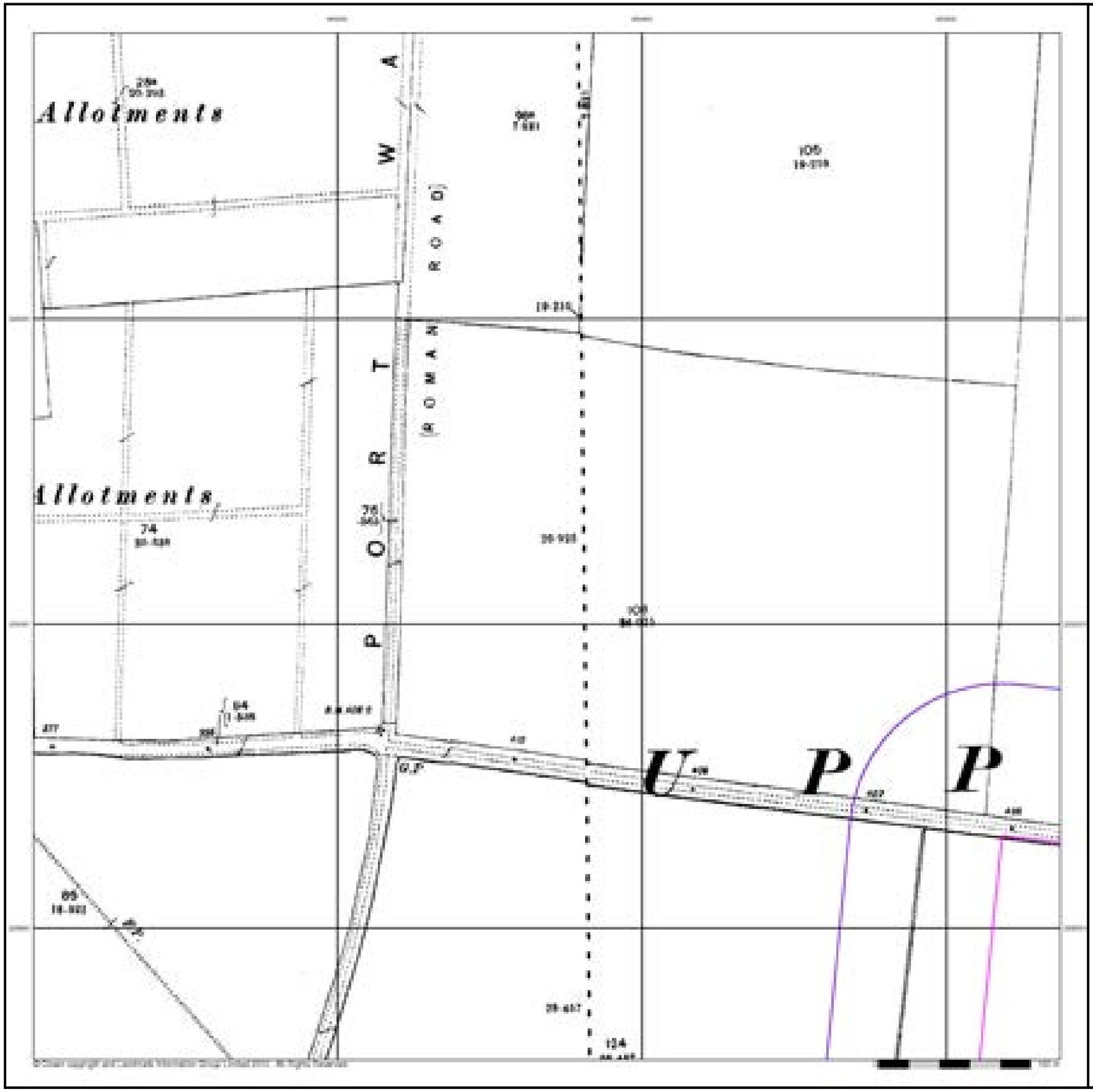

Waterman

Oxfordshire

Published 1900

Source map scale - 1:2,500

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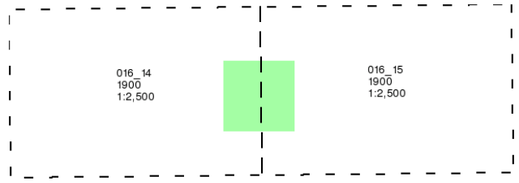
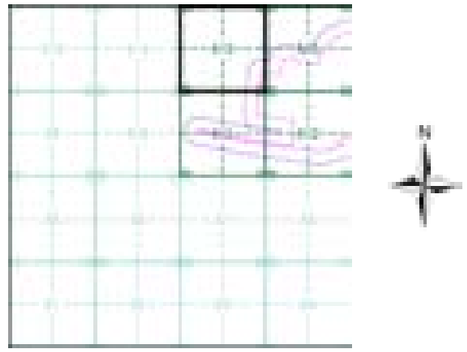


Historical Map - Segment A15



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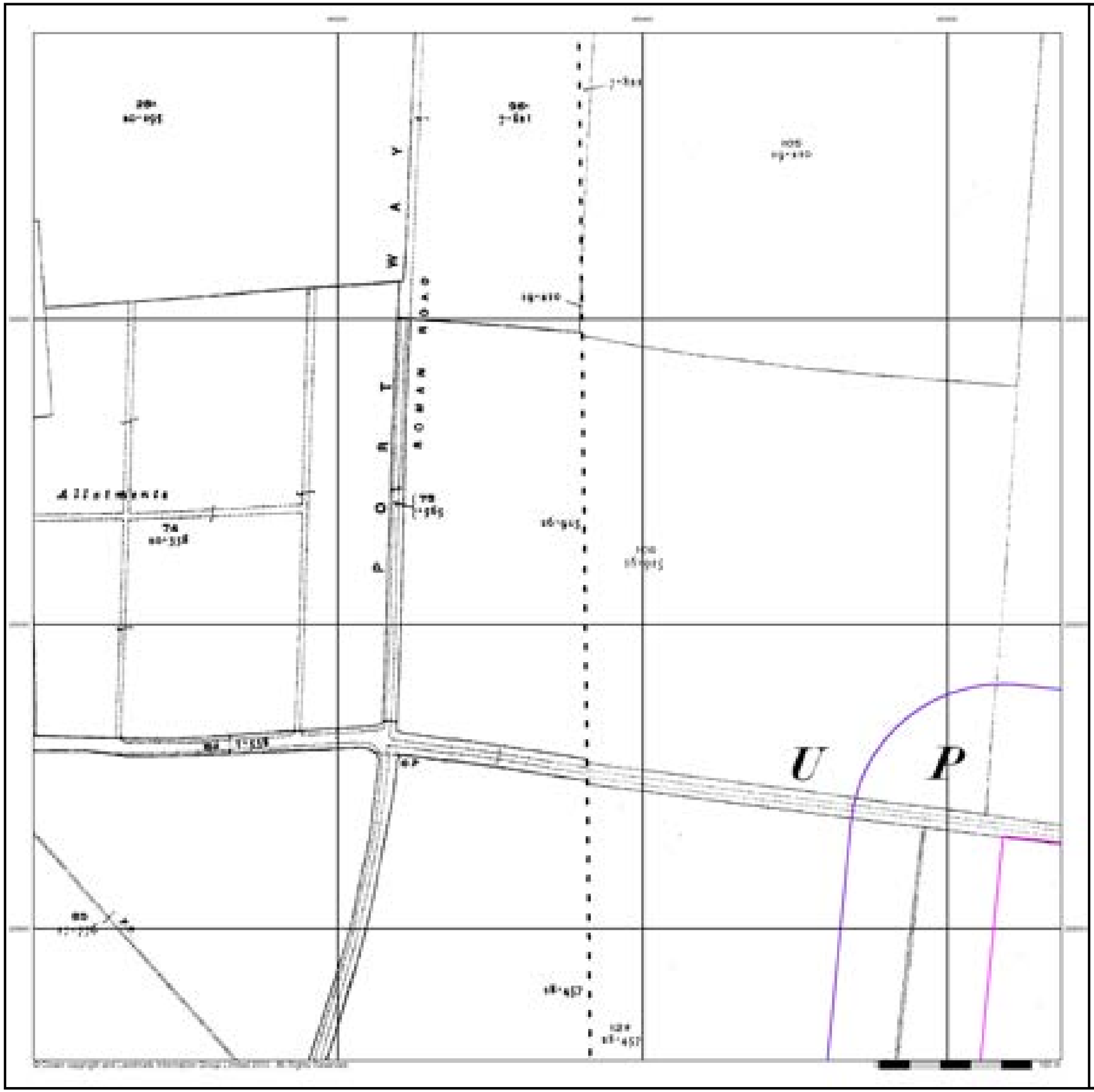

Oxfordshire

Published 1922

Source map scale - 1:2,500

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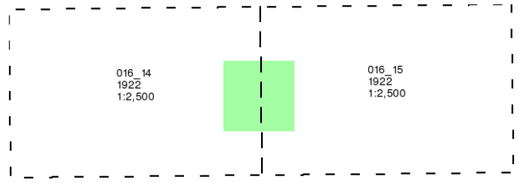
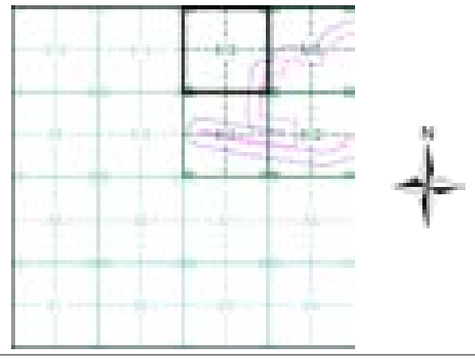
Map Name(s) and Date(s)



Historical Map - Segment A15



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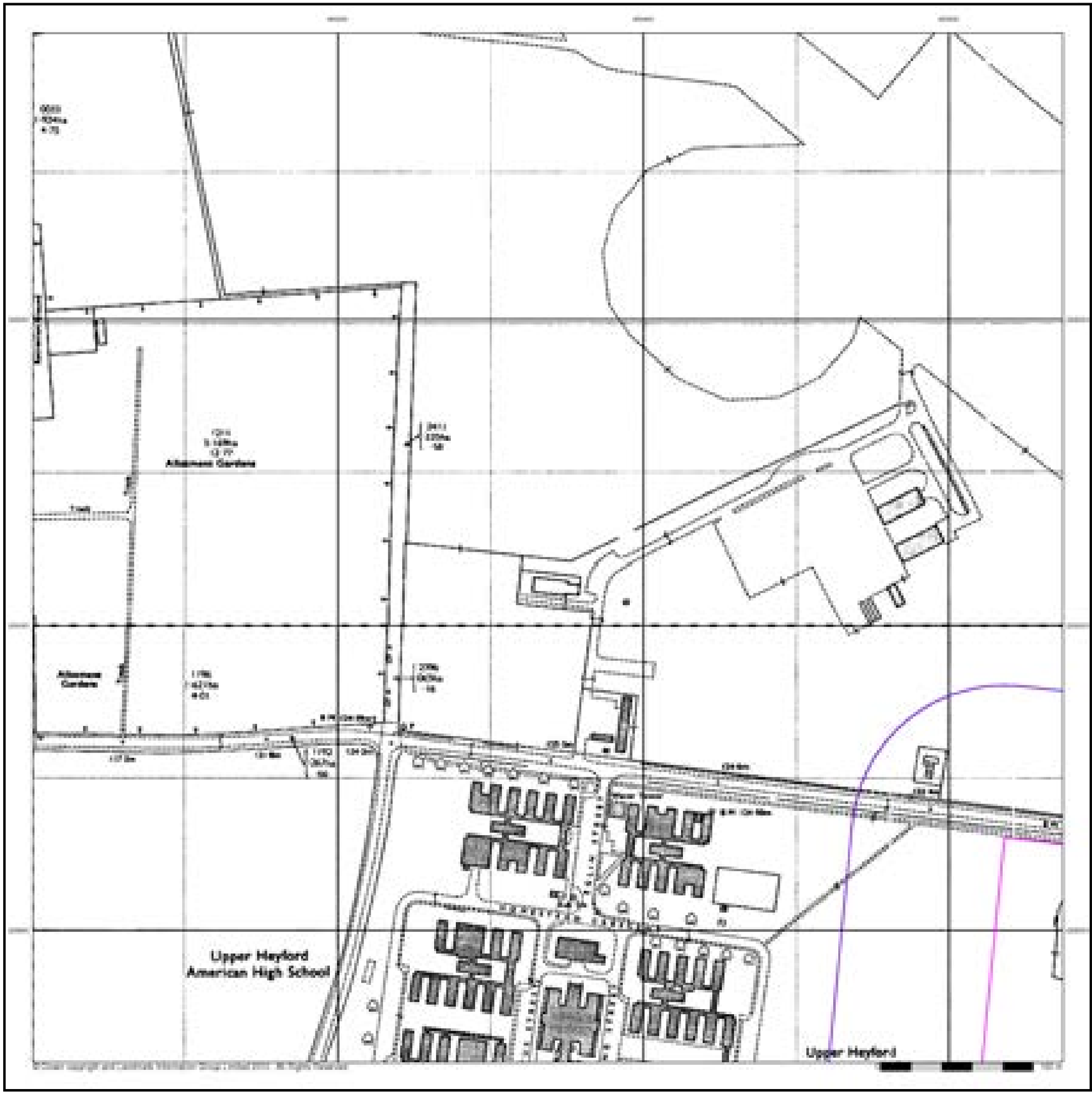

Ordnance Survey Plan

Published 1975 - 1976

Source map scale - 1:2,500

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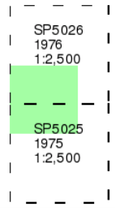
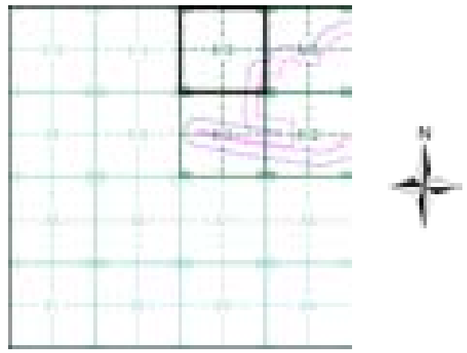


Historical Map - Segment A15



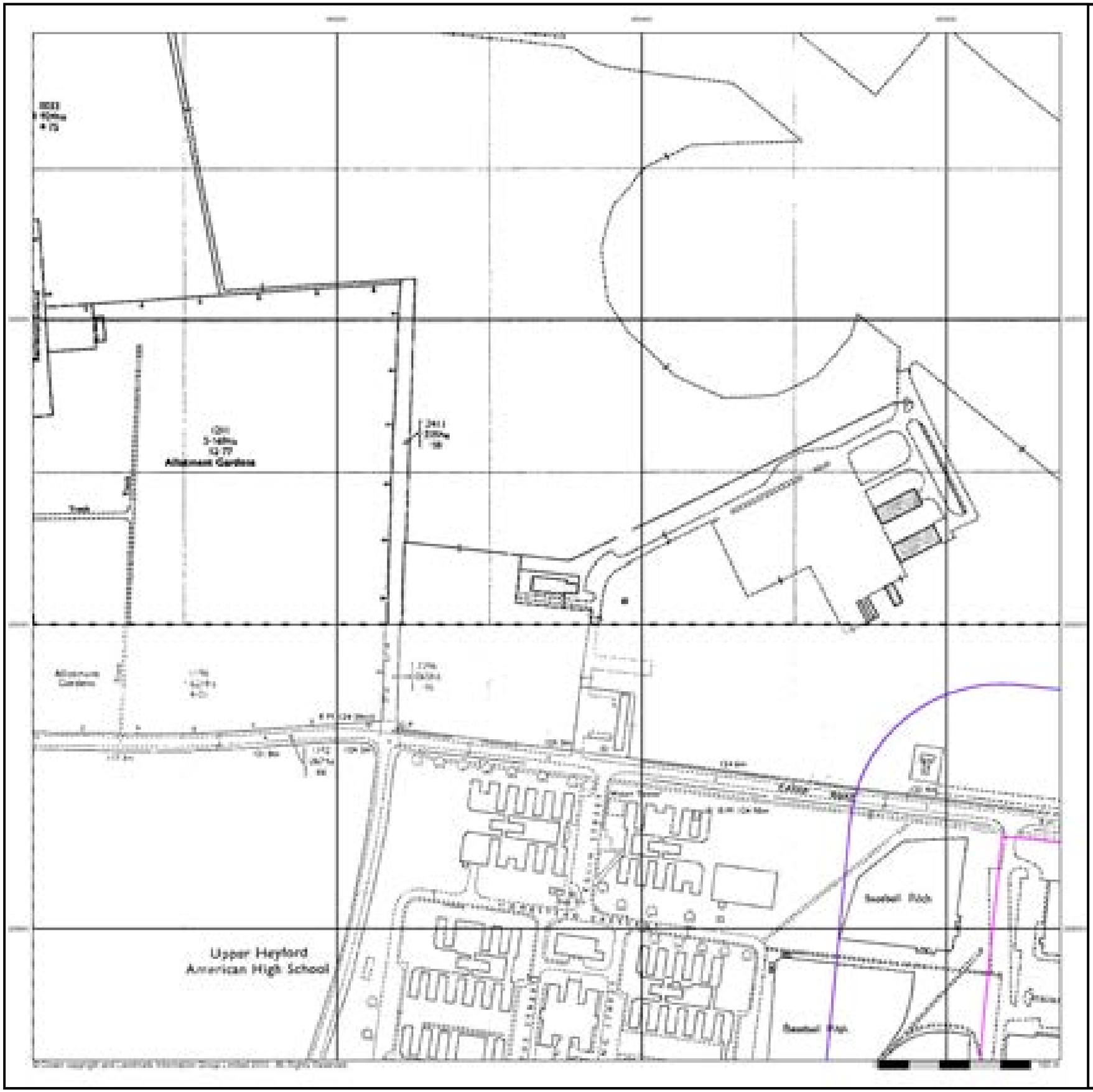
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



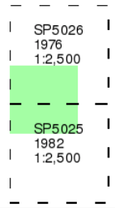
Additional SIMs

Published 1976 - 1982

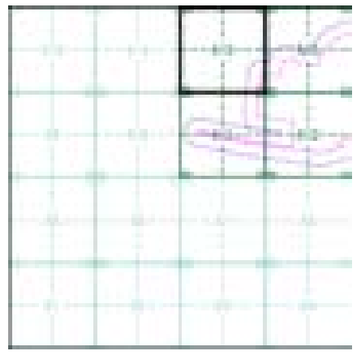
Source map scale - 1:2,500

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 A15



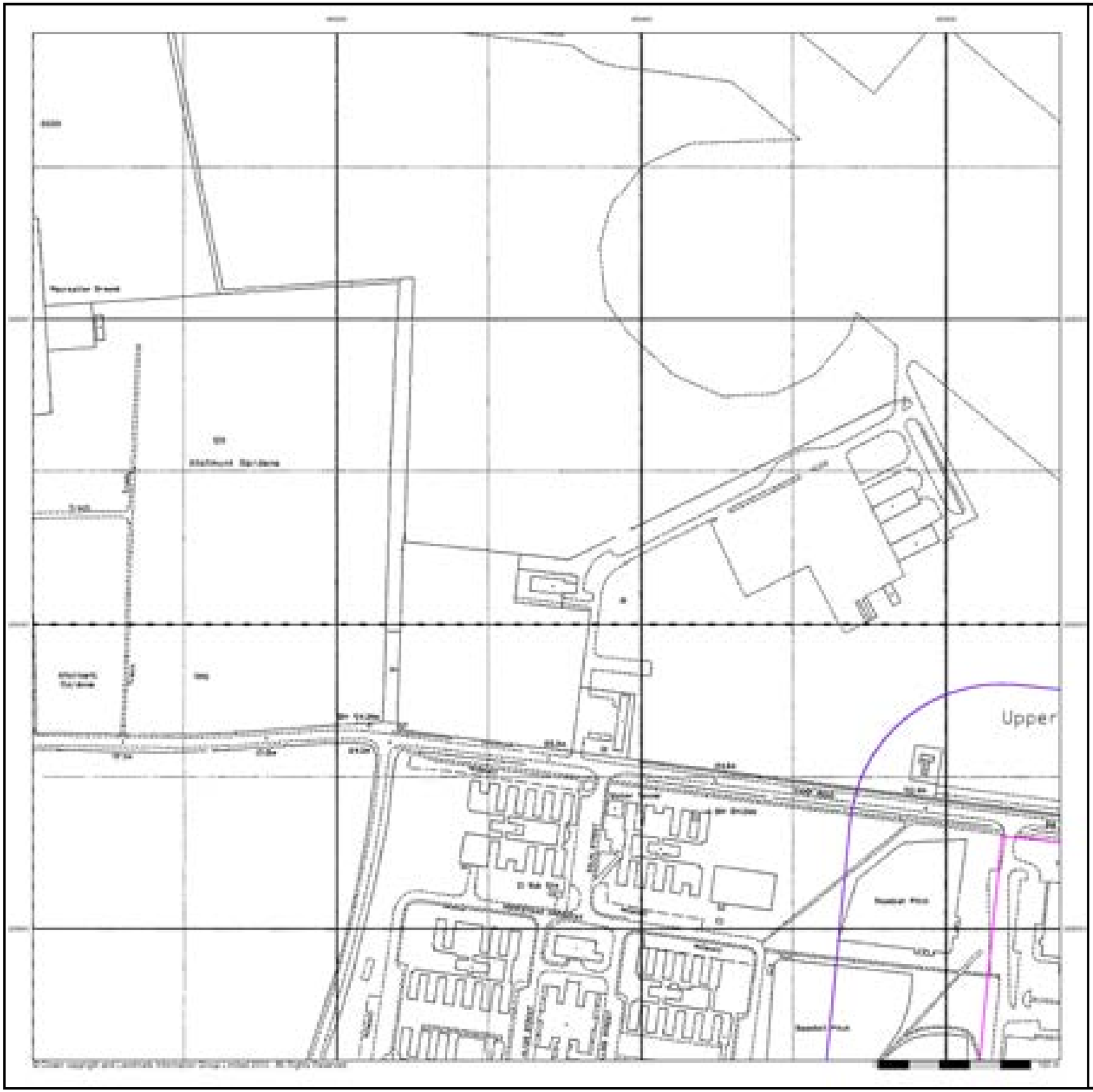
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



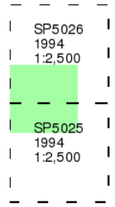
Large-Scale National Grid Data

Published 1994

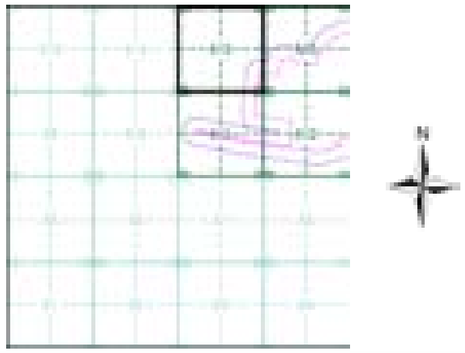
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A15



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	100

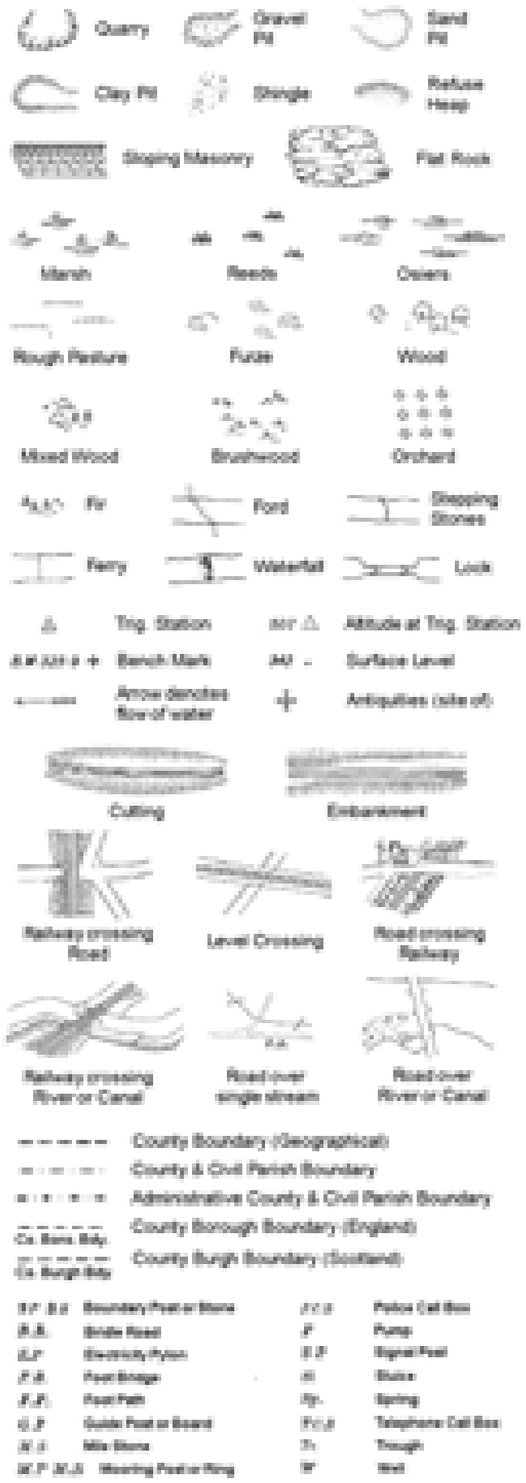
Site Details

Site at, Upper Heyford Airfield, Oxfordshire

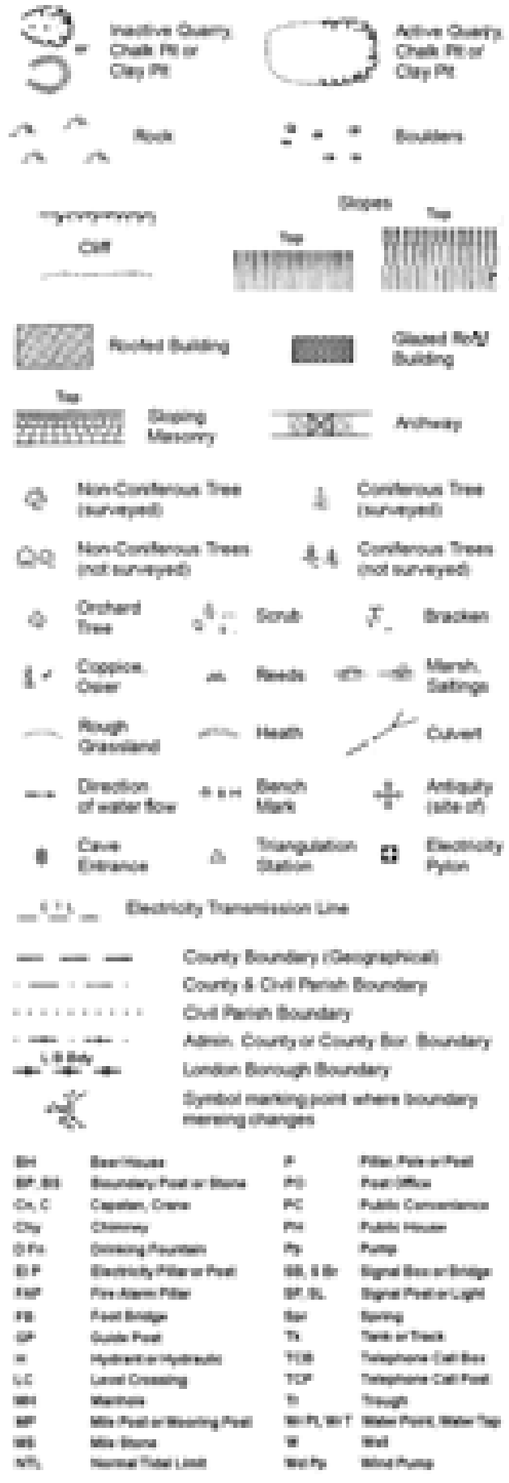
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

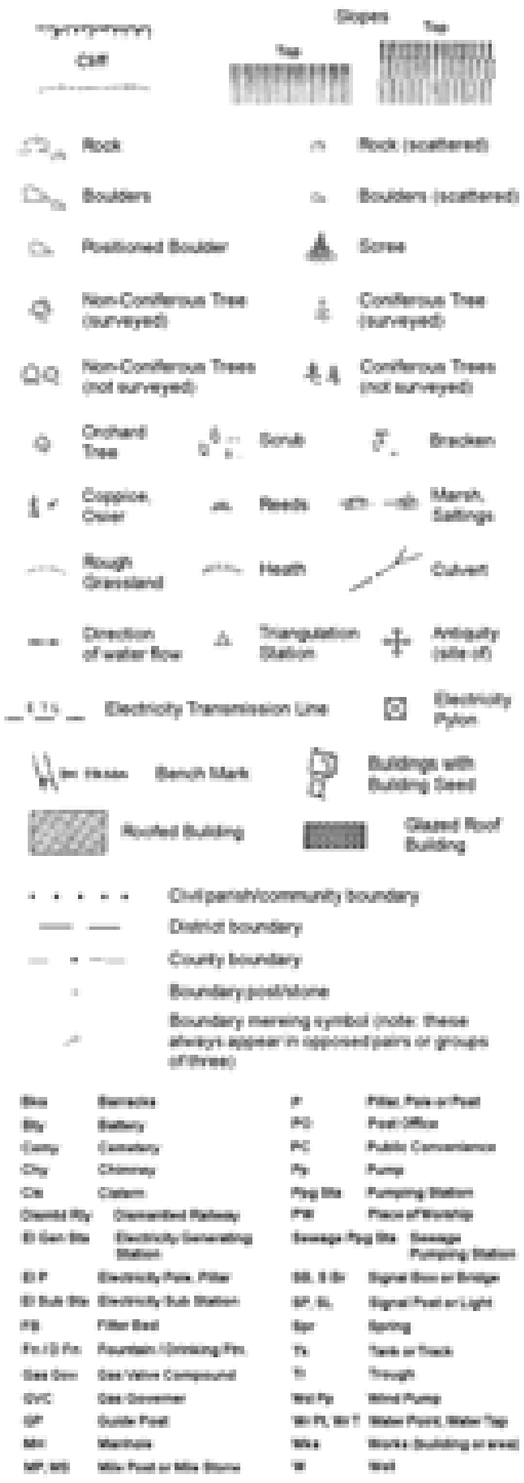
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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

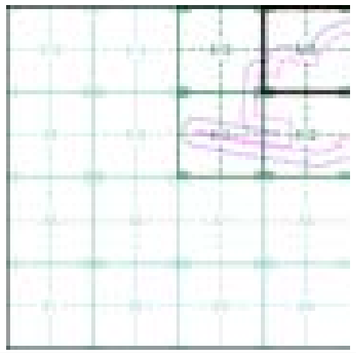


waterman

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:2,500	1881	2
Oxfordshire	1:2,500	1900	3
Oxfordshire	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1975 - 1976	5
Additional SIMs	1:2,500	1975 - 1982	6
Large-Scale National Grid Data	1:2,500	1994	7
Large-Scale National Grid Data	1:2,500	1995	8

Historical Map - Segment A16



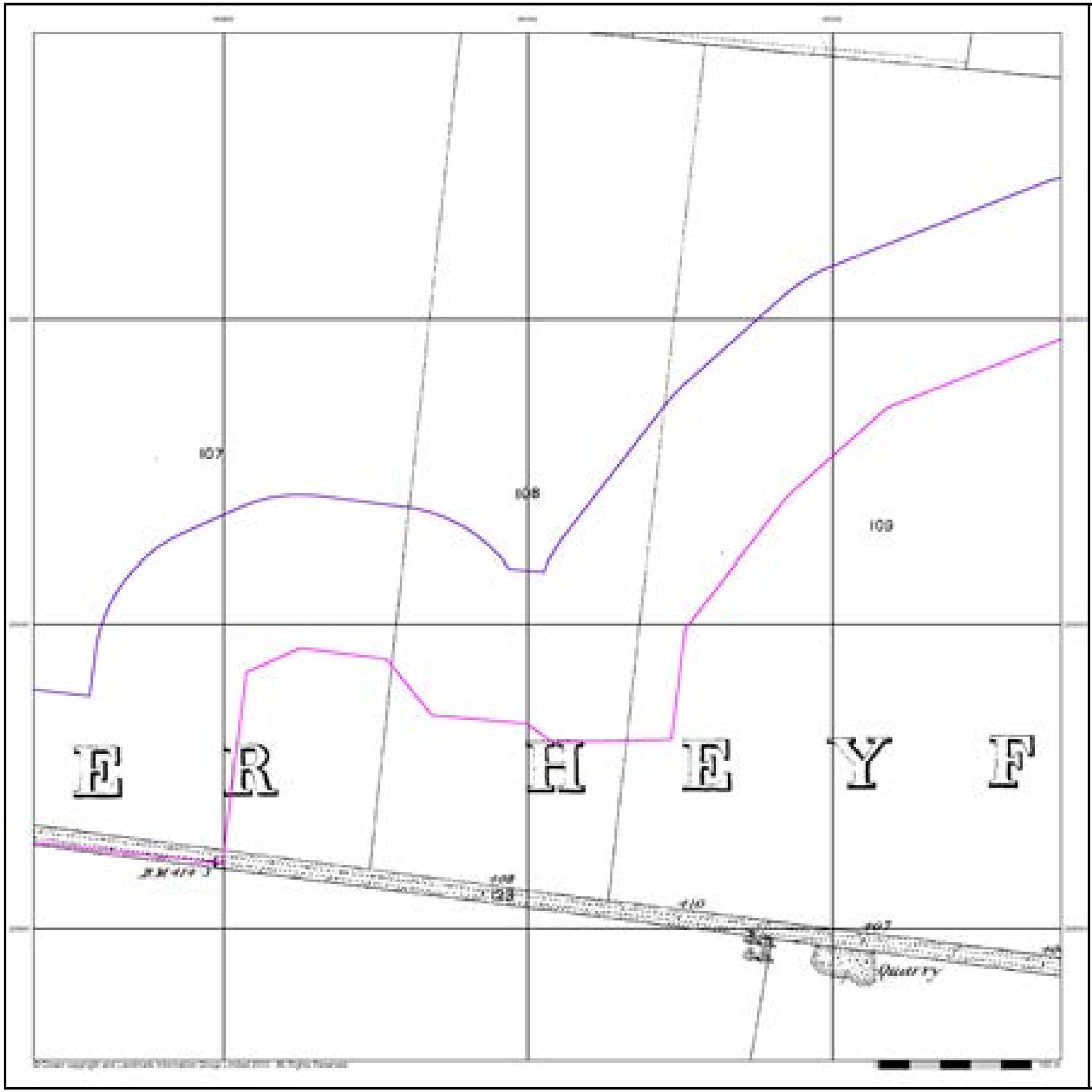
Order Details

Order Number: 31993967_1_1
Customer Ref: 10658
National Grid Reference: 450350, 225360
Slice: A
Site Area (Ha): 76.28
Search Buffer (m): 100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



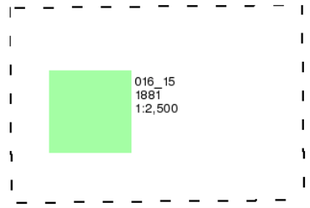
Oxfordshire

Published 1881

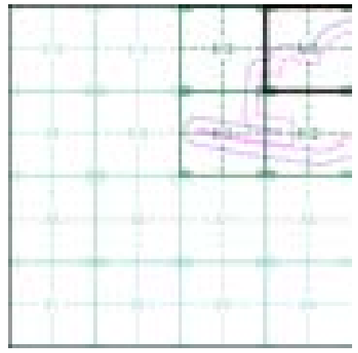
Source map scale - 1:2,500

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 A16



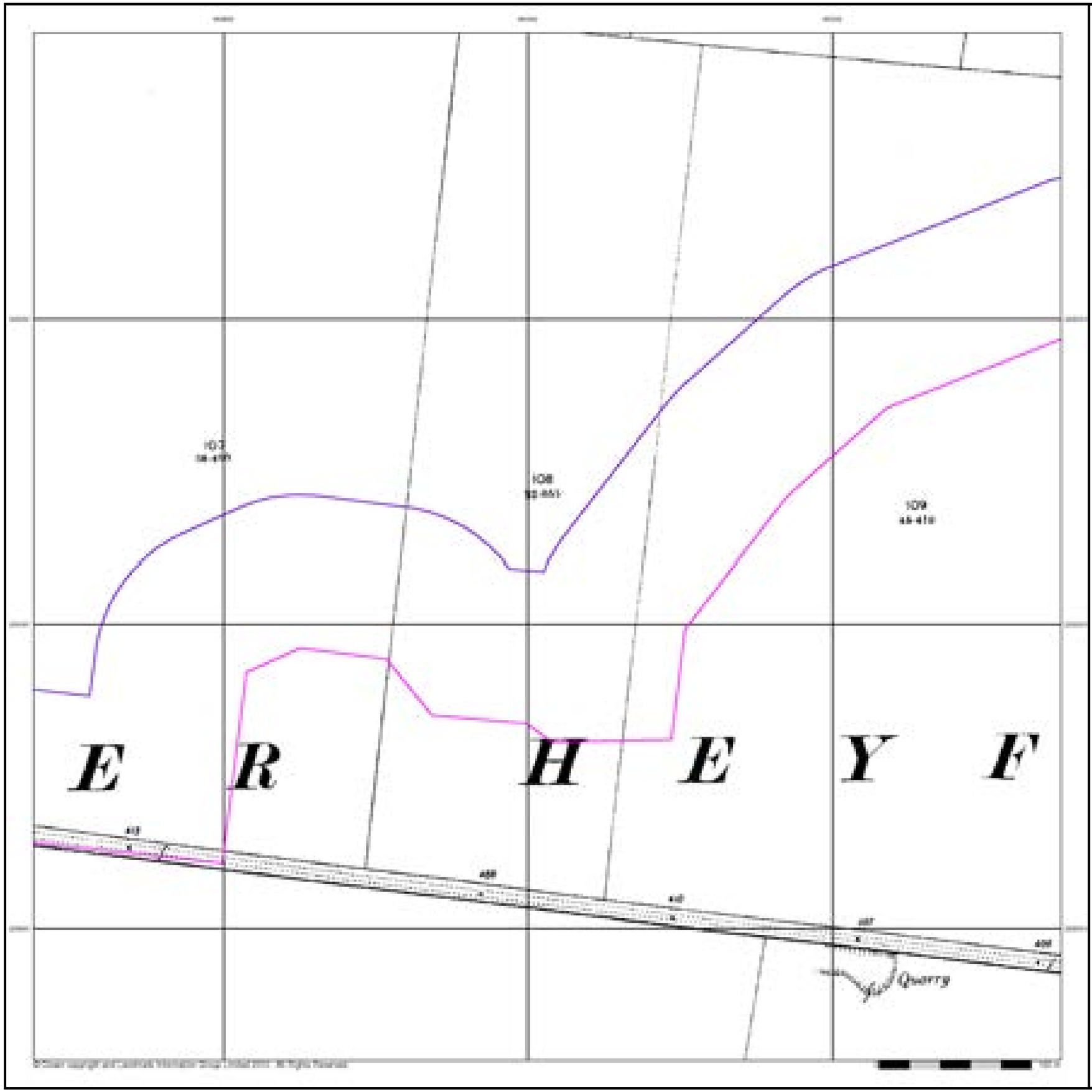
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



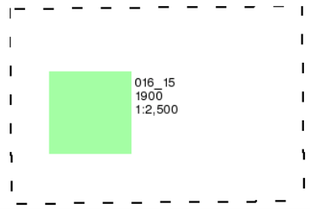
Oxfordshire

Published 1900

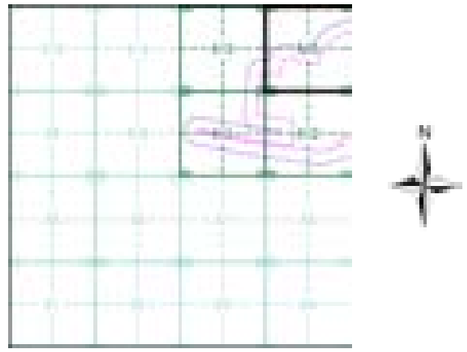
Source map scale - 1:2,500

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 A16



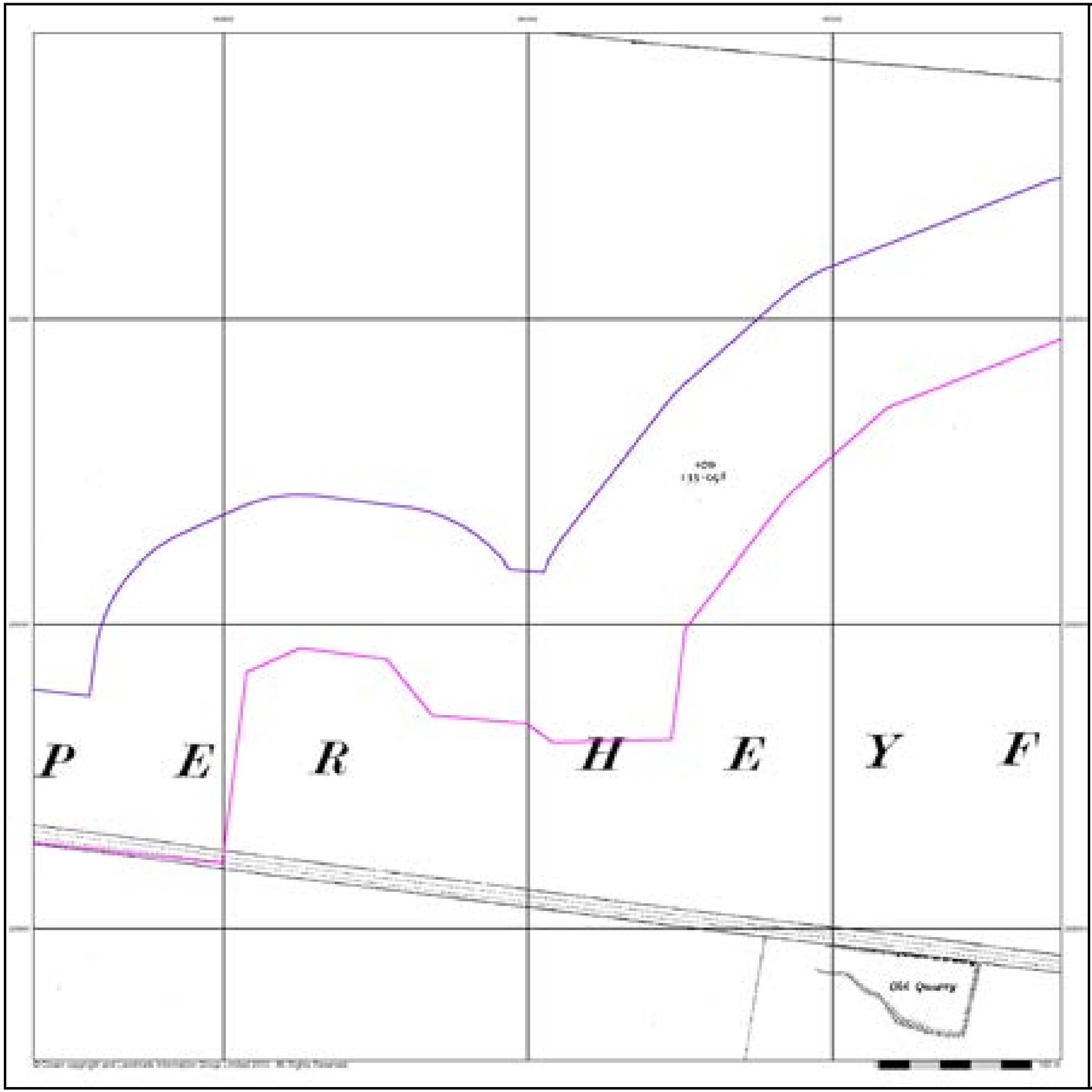
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



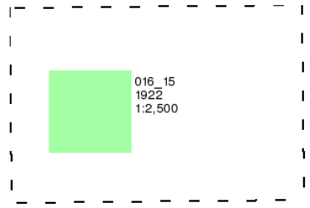
Oxfordshire

Published 1922

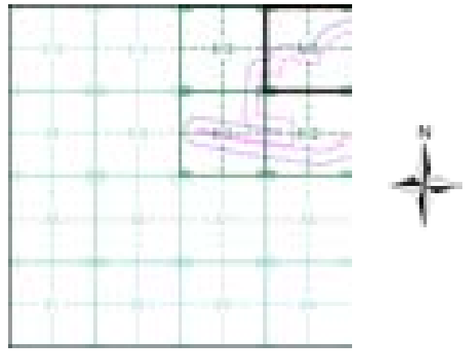
Source map scale - 1:2,500

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 A16



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

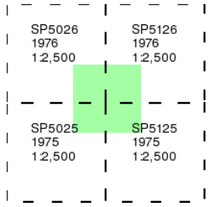
Ordnance Survey Plan

Published 1975 - 1976

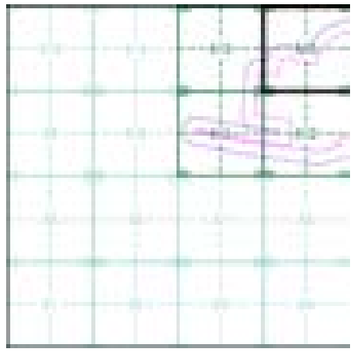
Source map scale - 1:2,500

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 A16



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

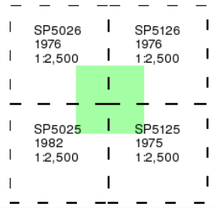
Additional SIMs

Published 1975 - 1982

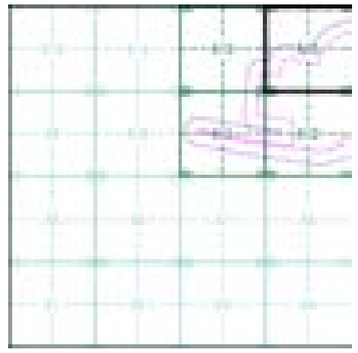
Source map scale - 1:2,500

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 A16



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

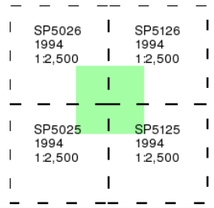
Large-Scale National Grid Data

Published 1994

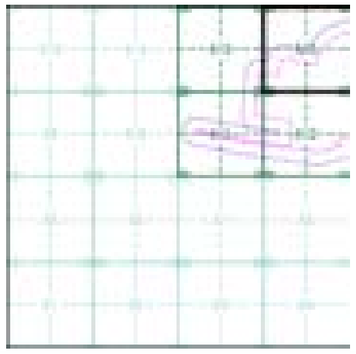
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A16



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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

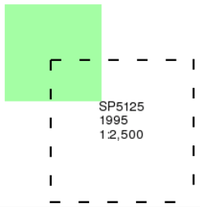
Large-Scale National Grid Data

Published 1995

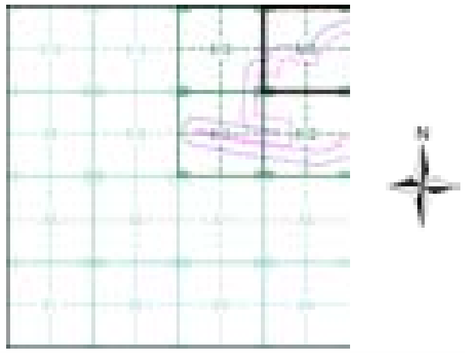
Source map scale - 1:2,500

'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 A16



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	450350, 225360
Slice:	A
Site Area (Ha):	76.28
Search Buffer (m):	100

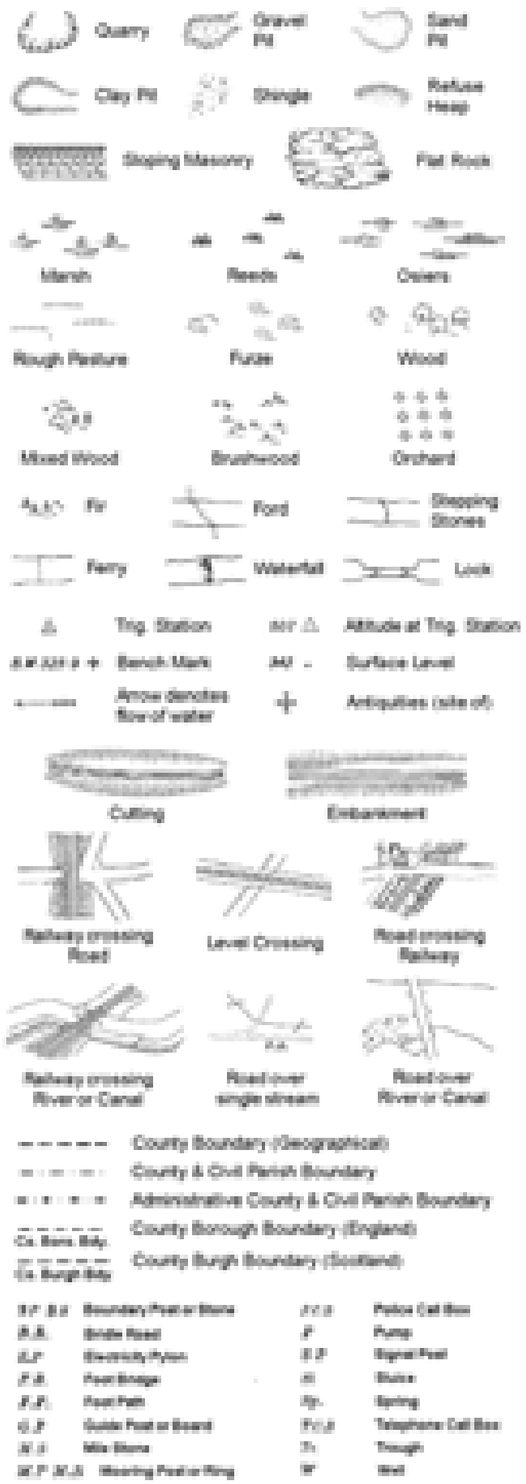
Site Details

Site at, Upper Heyford Airfield, Oxfordshire

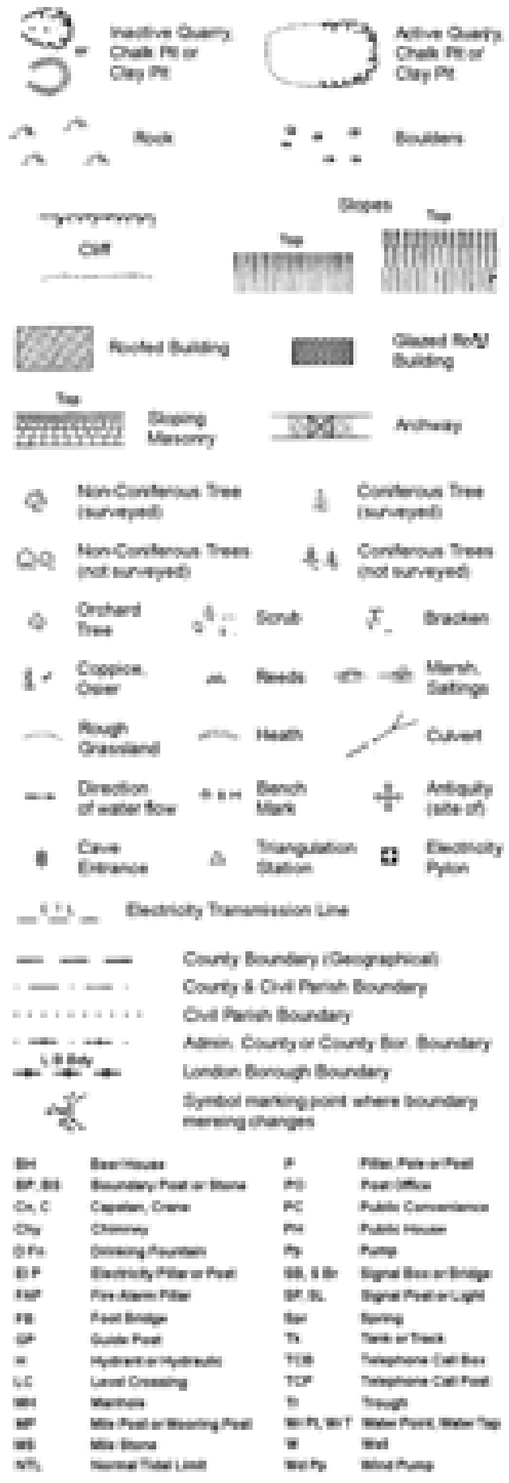
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

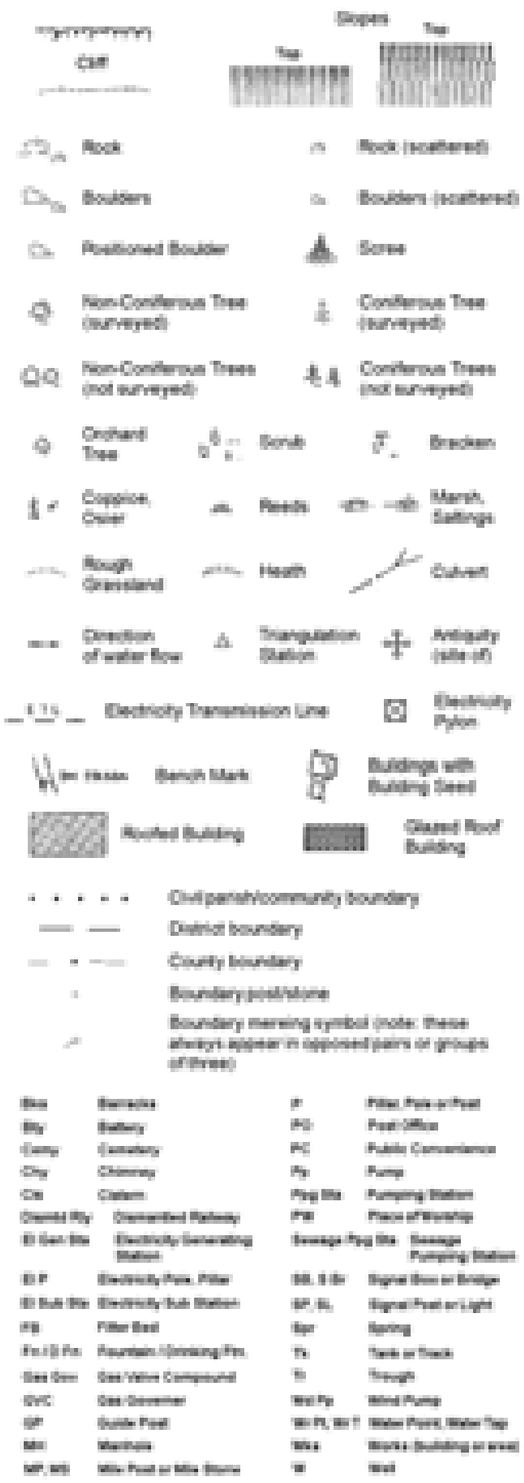
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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

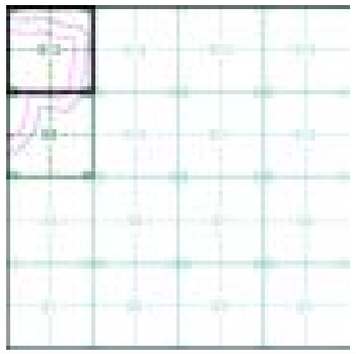


Waterman

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:2,500	1881	2
Oxfordshire	1:2,500	1900	3
Oxfordshire	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1975 - 1976	5
Additional SIMs	1:2,500	1975 - 1976	6
Large-Scale National Grid Data	1:2,500	1994	7
Large-Scale National Grid Data	1:2,500	1995	8

Historical Map - Segment B13



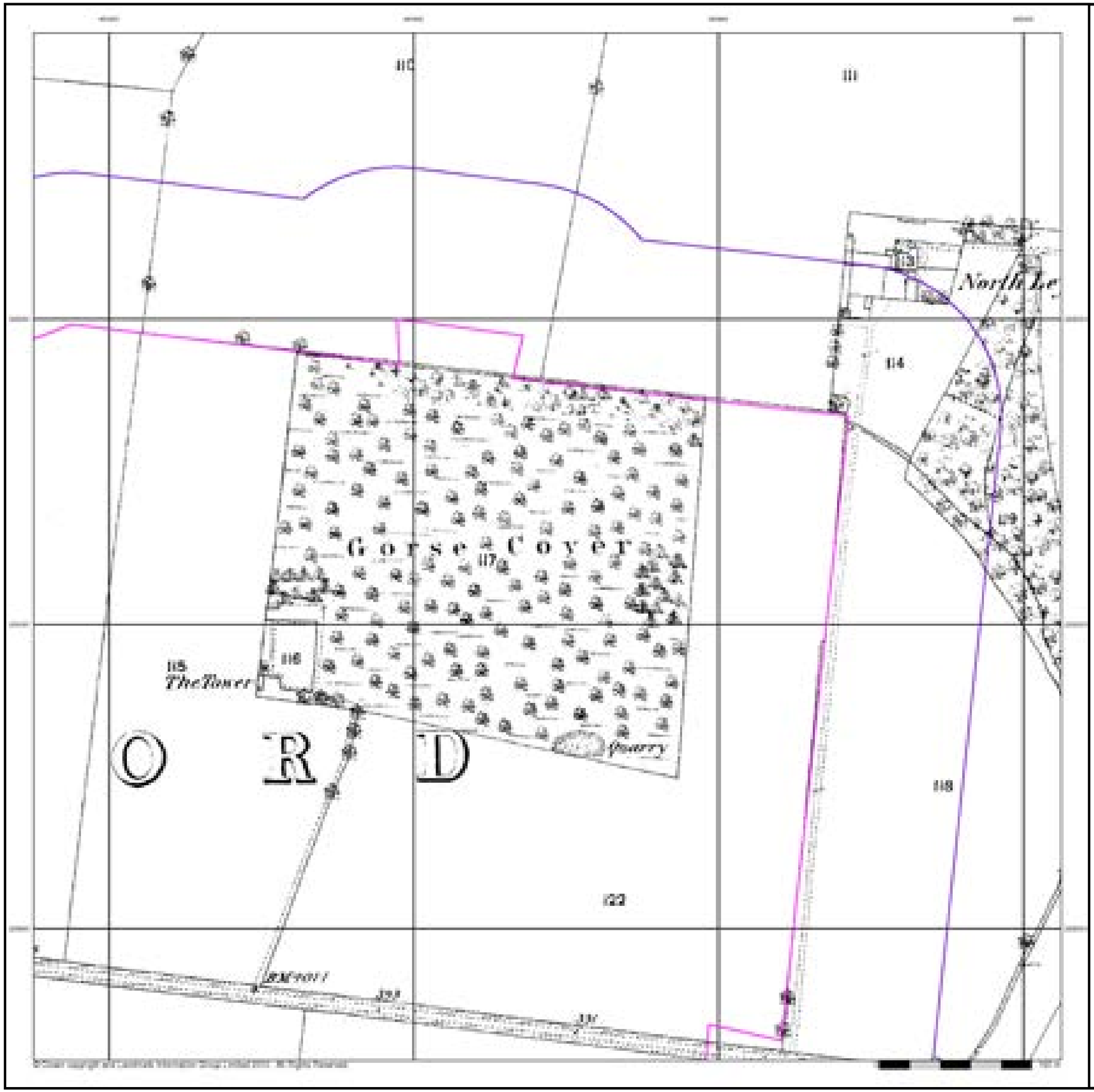
Order Details

Order Number: 31993967_1_1
Customer Ref: 10658
National Grid Reference: 452020, 225510
Slice: B
Site Area (Ha): 76.28
Search Buffer (m): 100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



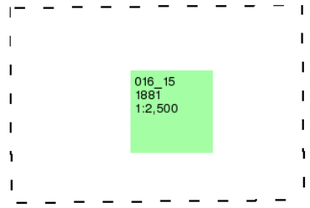
Oxfordshire

Published 1881

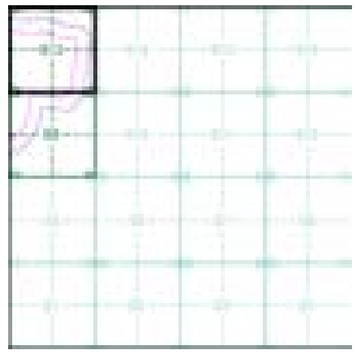
Source map scale - 1:2,500

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 B13



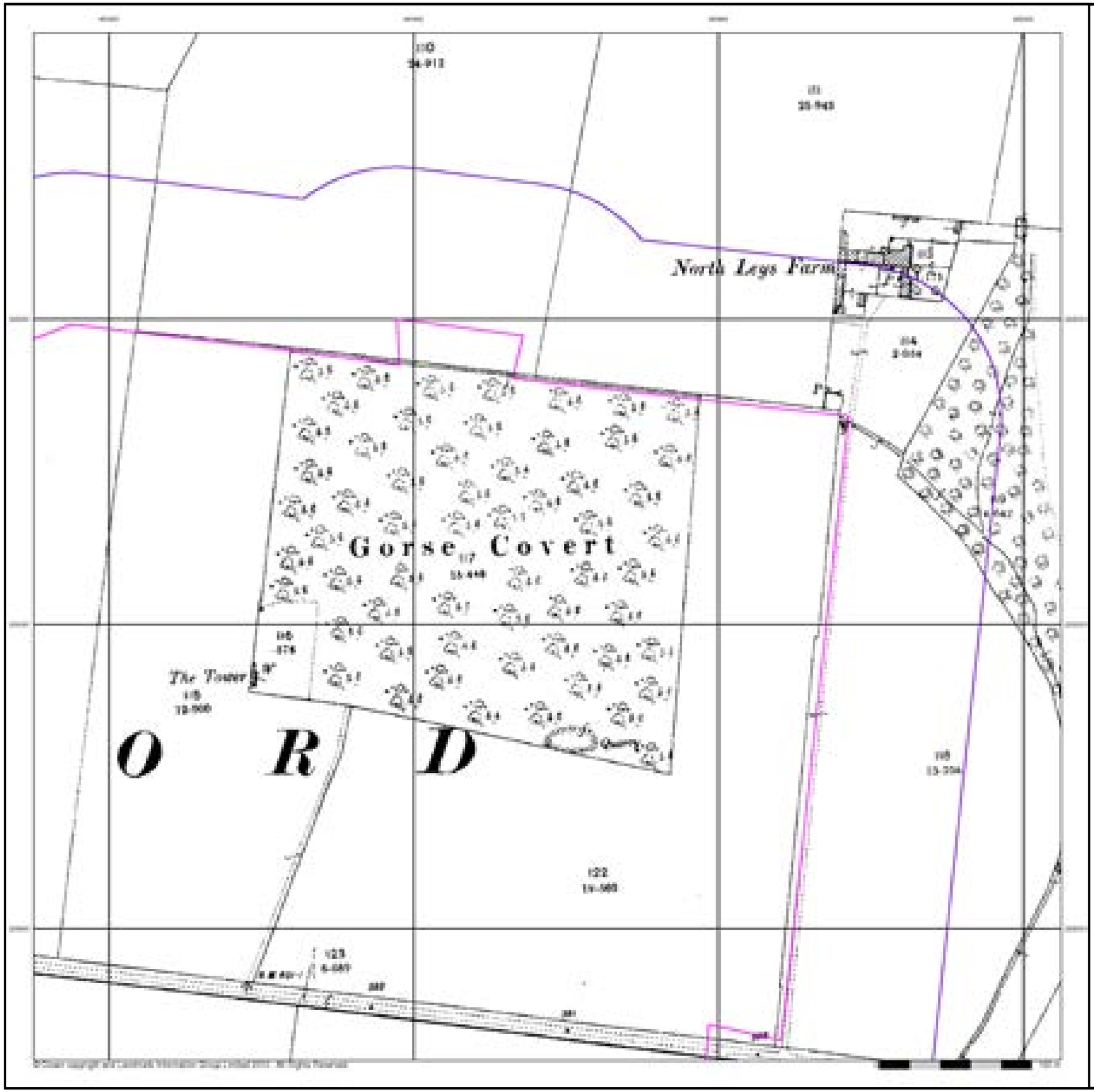
Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



Oxfordshire

Published 1900

Source map scale - 1:2,500

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

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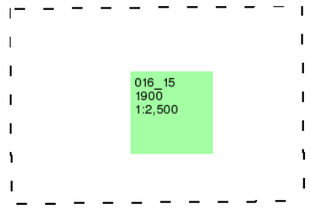
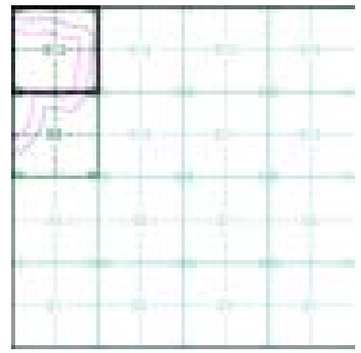


Historical Map - Segment B13



Order Details

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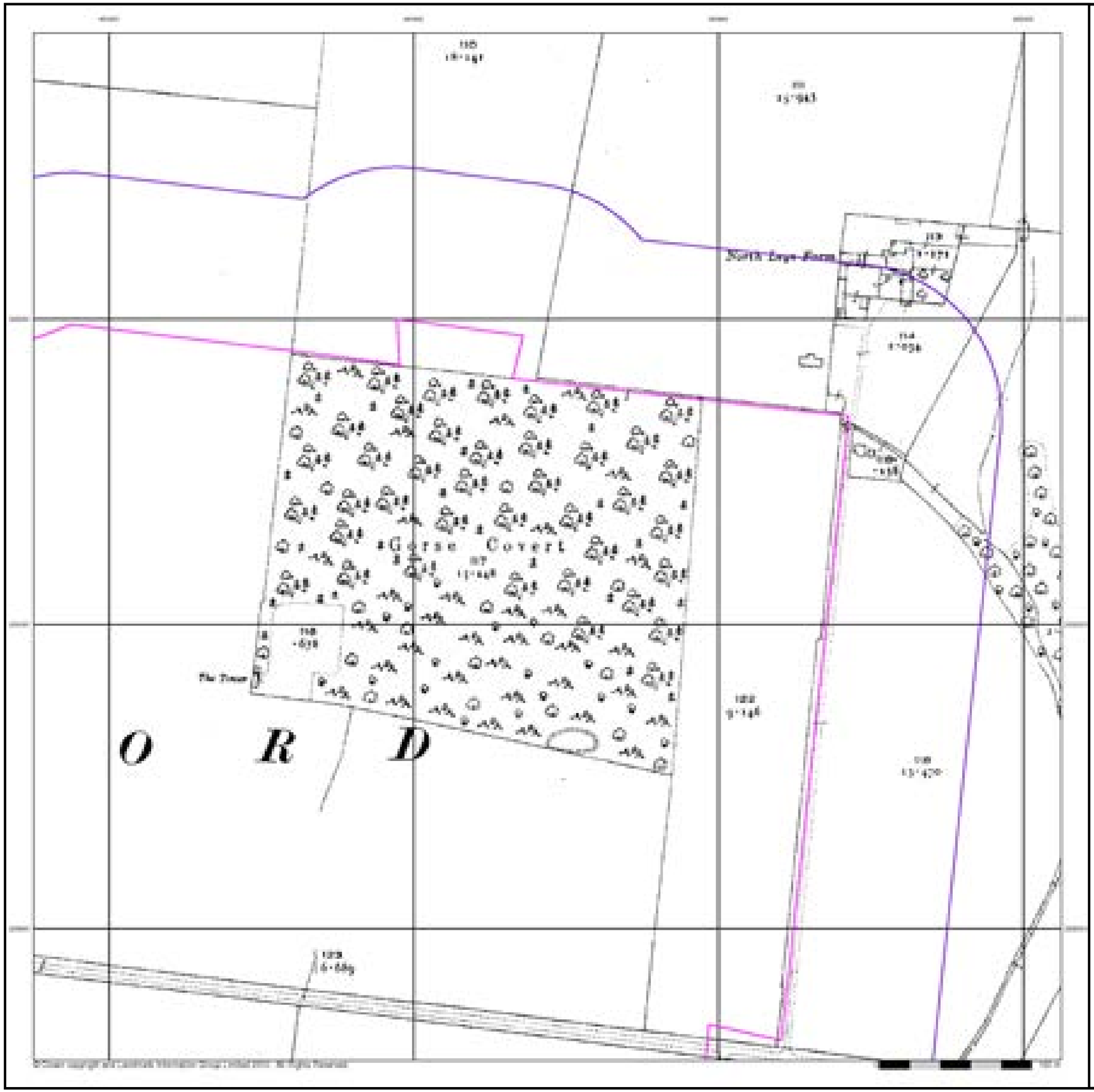

Oxfordshire

Published 1922

Source map scale - 1:2,500

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

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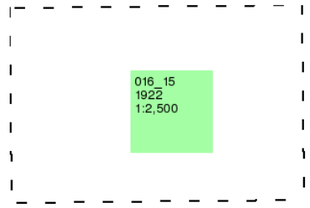
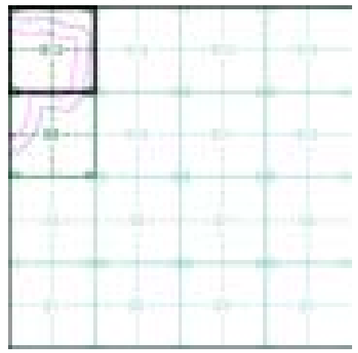


Historical Map - Segment B13



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

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Tel: 0844 844 9952
Fax: 0844 844 9951
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Ordnance Survey Plan

Published 1975 - 1976

Source map scale - 1:2,500

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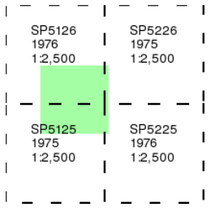
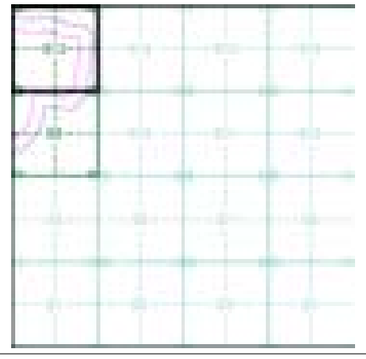


Historical Map - Segment B13



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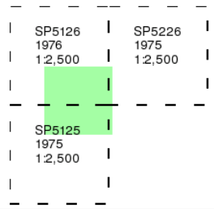
Additional SIMs

Published 1975 - 1976

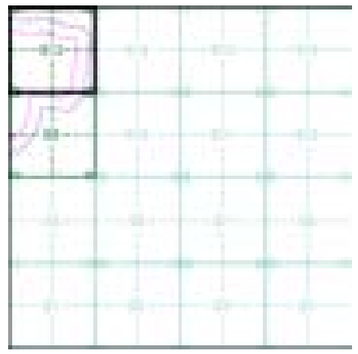
Source map scale - 1:2,500

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 B13



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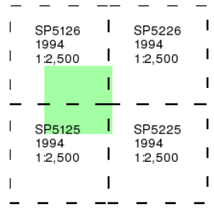
Large-Scale National Grid Data

Published 1994

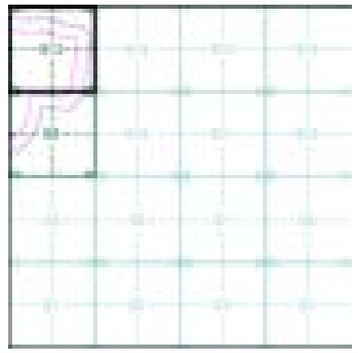
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B13



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

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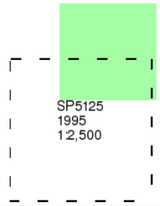
Large-Scale National Grid Data

Published 1995

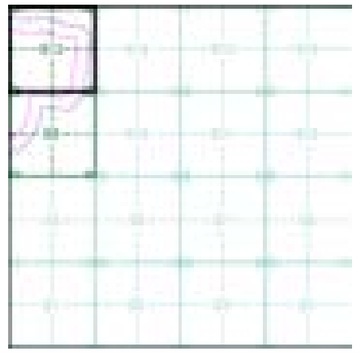
Source map scale - 1:2,500

'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 B13



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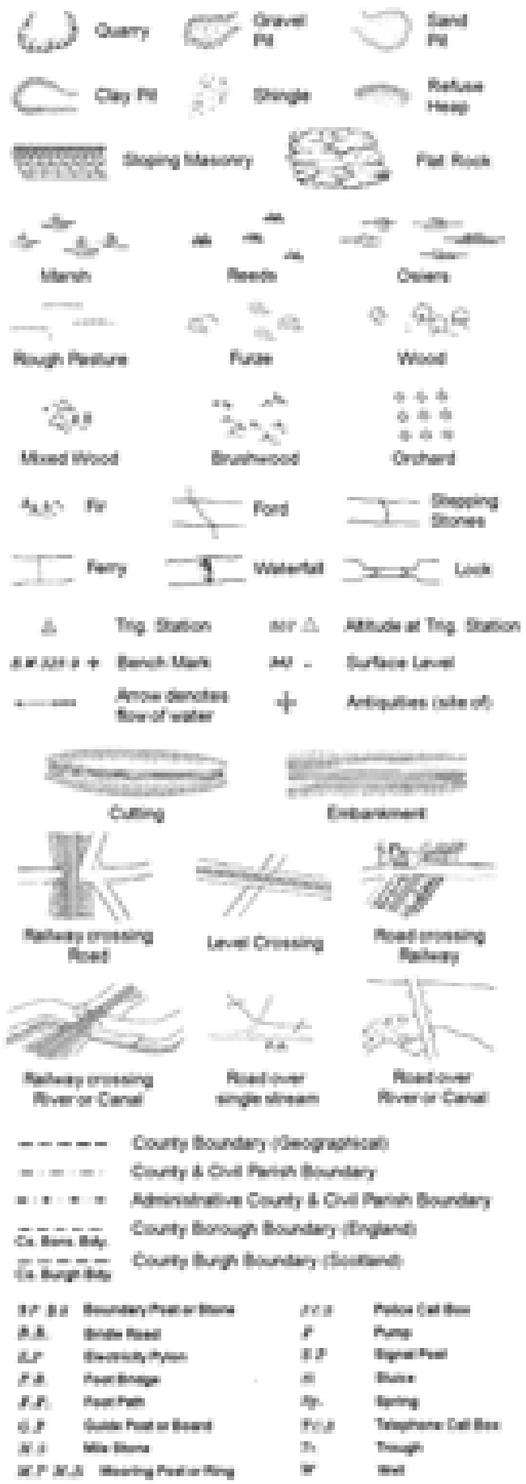
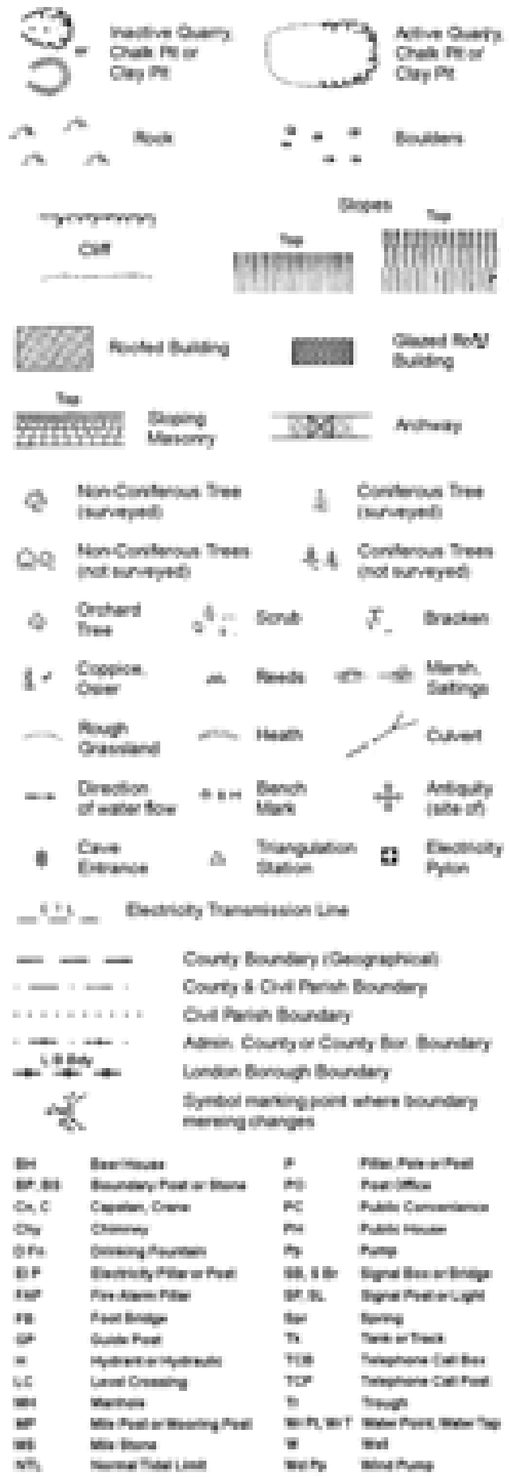
Historical Mapping Legends

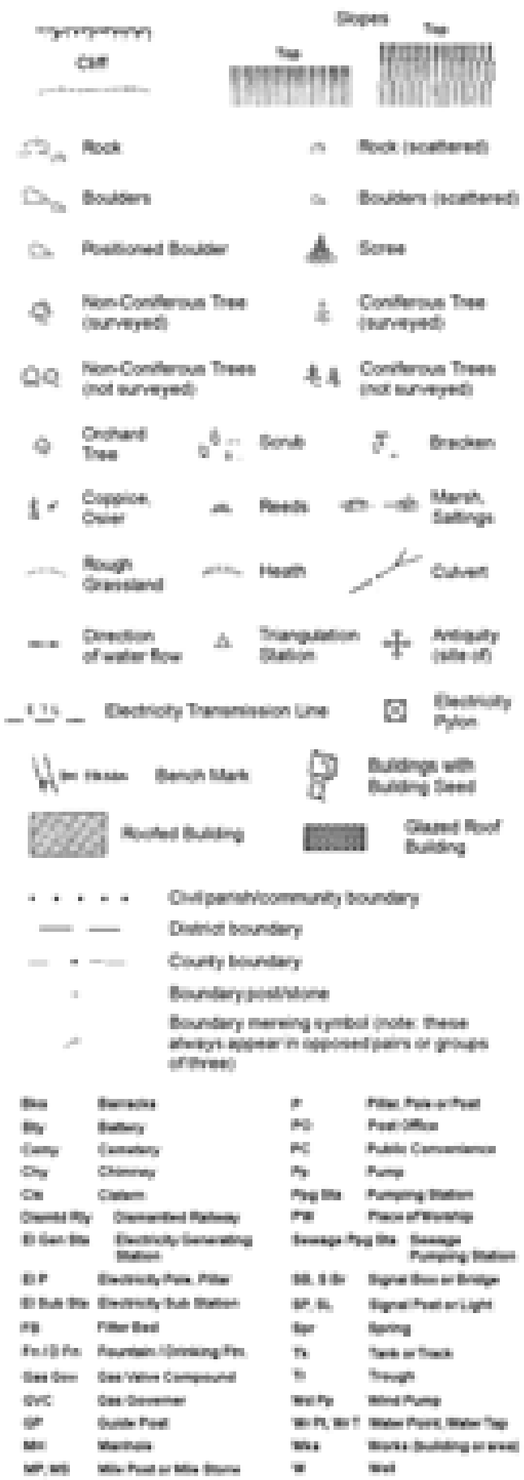
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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

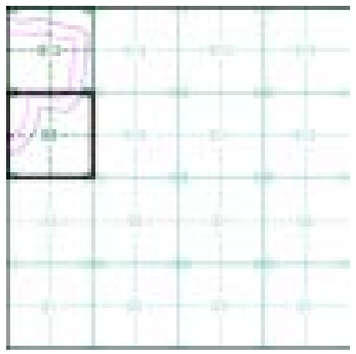


waterman

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:2,500	1875 - 1881	2
Oxfordshire	1:2,500	1900	3
Oxfordshire	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1975 - 1976	5
Additional SIMs	1:2,500	1975	6
Large-Scale National Grid Data	1:2,500	1994	7
Large-Scale National Grid Data	1:2,500	1995	8

Historical Map - Segment B9



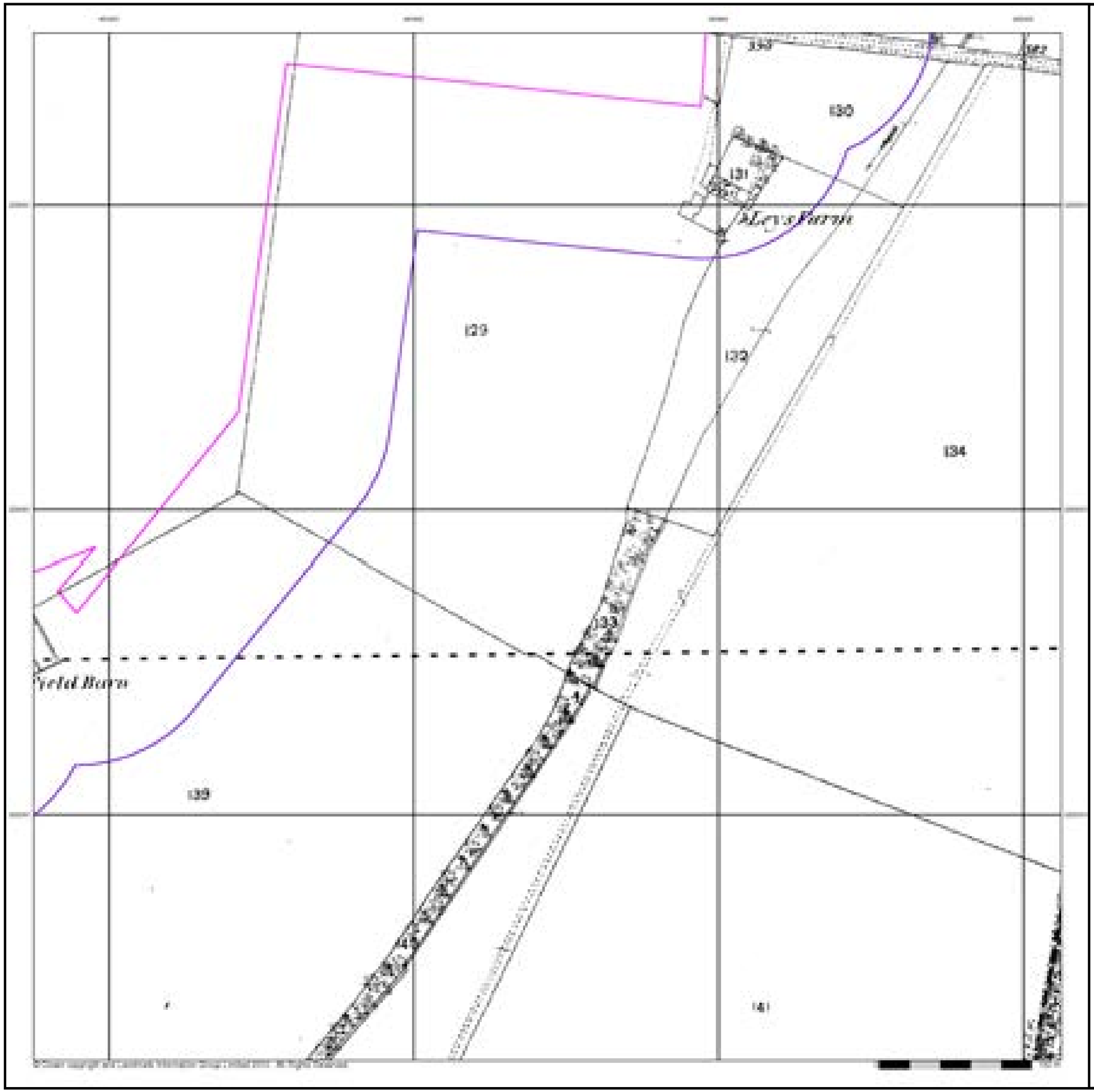
Order Details

Order Number: 31993967_1_1
Customer Ref: 10658
National Grid Reference: 452020, 225510
Slice: B
Site Area (Ha): 76.28
Search Buffer (m): 100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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



Waterman

Oxfordshire

Published 1875 - 1881

Source map scale - 1:2,500

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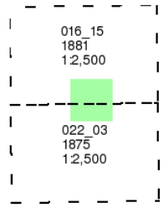
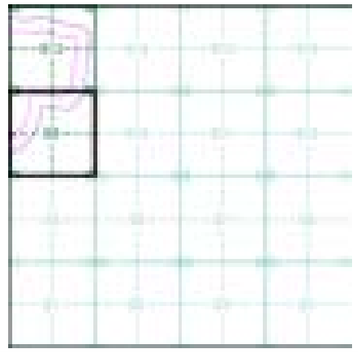
Map Name(s) and Date(s)



Historical Map - Segment B9



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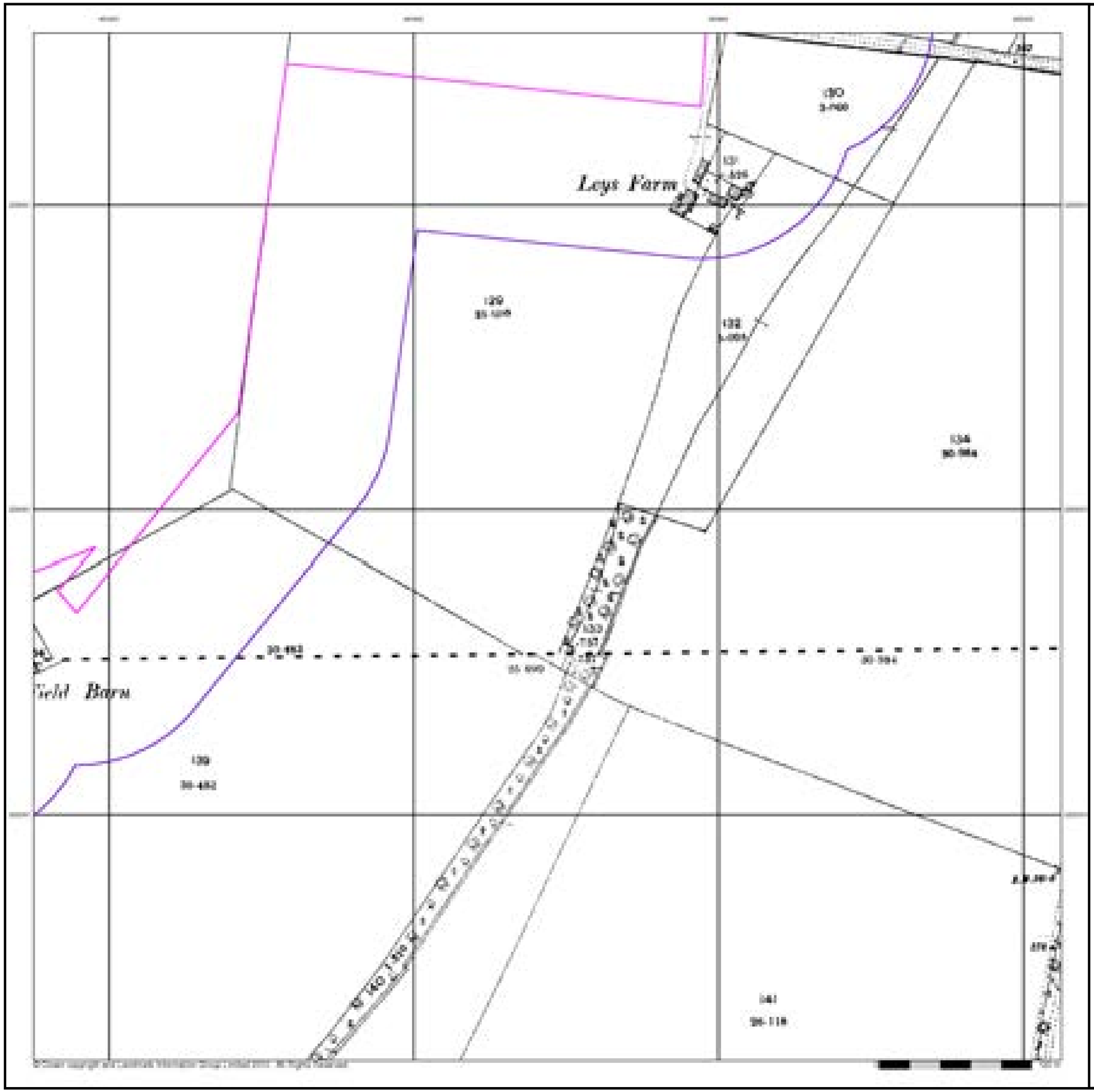

Oxfordshire

Published 1900

Source map scale - 1:2,500

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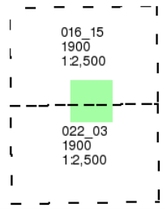
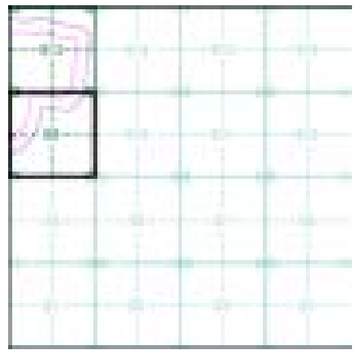


Historical Map - Segment B9



Order Details

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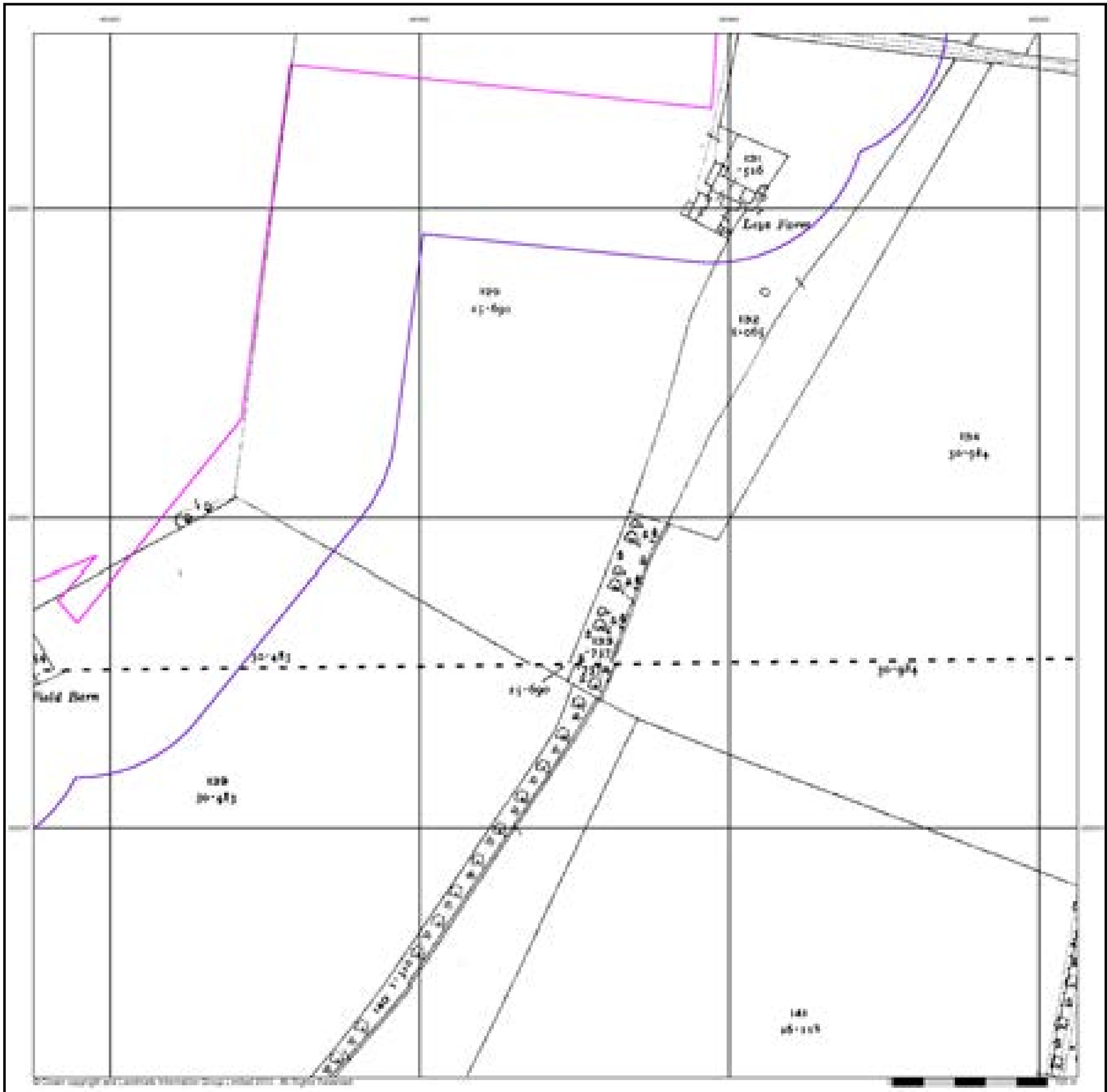

Oxfordshire

Published 1922

Source map scale - 1:2,500

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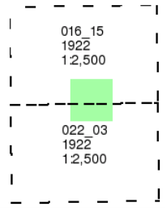
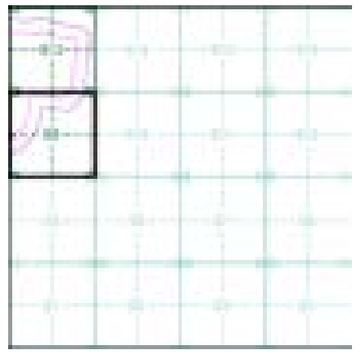
Map Name(s) and Date(s)



Historical Map - Segment B9



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Ordnance Survey Plan

Published 1975 - 1976

Source map scale - 1:2,500

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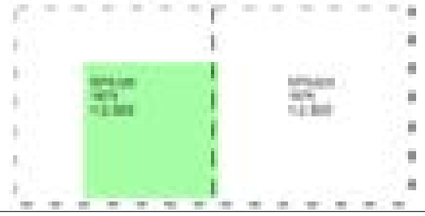
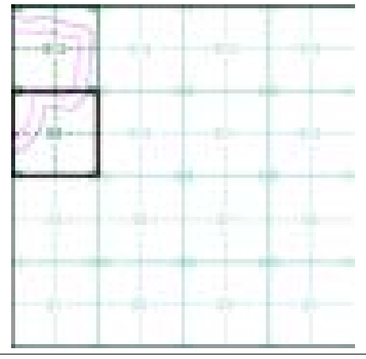


Historical Map - Segment B9



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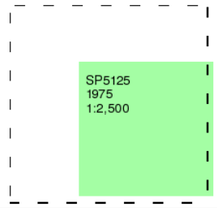
Additional SIMs

Published 1975

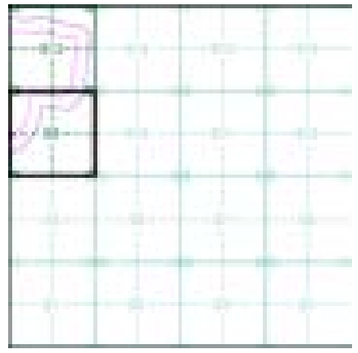
Source map scale - 1:2,500

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 B9



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Large-Scale National Grid Data

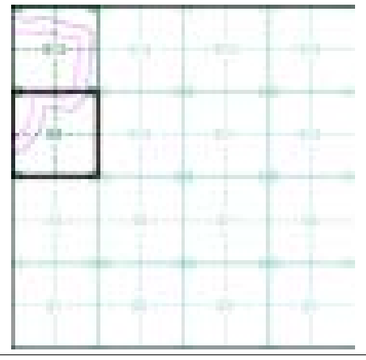
Published 1994

Source map scale - 1:2,500

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

Map Name(s) and Date(s)

Historical Map - Segment B9



Order Details

Order Number:	31993967_1_1
Customer Ref:	10658
National Grid Reference:	452020, 225510
Slice:	B
Site Area (Ha):	76.28
Search Buffer (m):	100

Site Details

Site at, Upper Heyford Airfield, Oxfordshire

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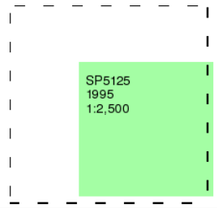

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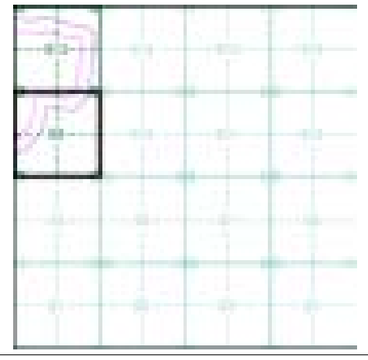

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