



Barwood Land

Pheasant Oak Farm, Balsall Common

Phase I - Geo-Environmental Desk Study

June 2022

Project Code: 05655

Project Ref: 05655-OUT-0038

Version Control and Approval

Version	Date	Main Contributor	Checked by	Approved by
A	15 June 2022	Christopher Oliver	Charlotte Smith	Charlotte Smith

Prepared for

Barwood Land

Grovelands Business Park

West Haddon Road

East Haddon

Northamptonshire

NN6 8FB



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I Introduction

I.1 General

PJA Engineering has been instructed by Barwood Land to prepare a Phase 1 geo-environmental desk study to support a planning application for the proposed development of land at Pheasant Oak Farm, Balsall Common, Coventry, CV7 7GX, herein referred to as 'the Site'.

I.2 Development Proposals

The current development proposals include an estimated 270 – 300 residential properties with associated infrastructure and utilities. Detailed plans have not been supplied for consideration in this report.

I.3 Scope of Works

The preparation of this Phase 1 geo-environmental desk study includes:

- Review of geo-environmental and regulatory information and historical maps in a Landmark Envirocheck report;
- Establishing the geo-environmental setting, historical development, geology, hydrogeology, hydrology and regulatory context of the Site;
- Identification of sources, pathways and receptors and preparation of an initial conceptual site model (CSM) to establish potential contaminant linkages;
- A summary of key ground engineering constraints which may affect the proposed development and which may need to be accounted for in the development masterplan; and
- Recommendations for further work to investigate potential contaminants linkages and ground engineering constraints.

I.4 Limitations

Where information and data has been used in preparation of this report and has been either provided to PJA or prepared by third parties, PJA accepts no responsibility for the accuracy or completeness of that information.

Further details of the report limitations are presented in Appendix G.



2 Sources of Information

Table 2-1: Sources of Information

Description	Author	Date	Reference
Envirocheck Report	Landmark Ltd	15 June 2022	296951678_1_1
Coal Mining Report	Coal Authority	29 June 2022	51003214428001
Pre-Desk Study UXO Assessment	Zetica	22 June 2022	n/a
Publicly Available Information			
Geoindex	British Geological Survey	Accessed June 2022	GeoIndex - British Geological Survey (bgs.ac.uk)
UXO Risk Maps	Zetica	Accessed June 2022	Risk Maps Zetica UXO
MAGIC Interactive Maps	DEFRA	Accessed June 2022	Magic Map Application (defra.gov.uk)
Radon	UK Health Security Agency	Accessed June 2022	UKradon - UK maps of radon



3 Site Location and Description

3.1 Site Location

The Site comprises approximately 12.6 hectares of land located to the southeast of Balsall and Balsall Common, on land to the south of Waste Lane and to the north of Hob Lane.

The grid reference for the approximate centre of the Site is 425166, 276288. A drawing showing the site location and boundary is included in Appendix A.

3.2 Site Description

3.2.1 Current Site Use

The Site primarily comprises a series of fields lined with hedgerows in the northern, eastern and western areas of the site. The centre and the southern areas are occupied by farm buildings including residential, industrial and commercial buildings and barns with hardstanding which are currently used for storage of mobile homes and caravans. Several drainage ditches have been identified in the east of the site following current field boundaries with three ponds located in the fields in the northern area of the site.

3.2.2 Topography

The topography of the Site varies from approximately 124 metres Above Ordnance Datum (mAOD) in the south eastern corner, rising to approximately 127mAOD in the north eastern corner, 128mAOD in the centre and 129mAOD in the south western corner.

3.2.3 Surrounding Area

The Site is located in a predominantly rural setting, with occasional residential properties and farm buildings to the north, east and south and the town of Balsall extending to the west from the western Site boundary.



4 Historical Review

4.1 Historical Mapping

Historical maps included in the Envirocheck report, presented in Appendix C, have been reviewed to establish the historical development of the Site and surrounding area to a distance of 500 m from the Site boundary. The findings are summarised in Table 4.1 below.

Table 4.1: Historical Development of the Site and Surrounding Area

Date (Scale)	On-Site	Off-Site
1886 - 1887 (1:10,560)	The Site comprises bounded fields with occasional ponds in the north and southeast. There are some unidentified buildings in the centre south and southwest of the Site, including a glass house, which may be farms. A footpath passes through the Site from north to south.	The Site is largely surrounded by fields. Waste Lane and Hob Lane are present in the same alignments as the present day. Several unidentified small buildings are located within 500 m of the Site in various directions. A windmill named 'Balsall Mill' is located 250 m to the southeast. The Kenilworth and Berkswell Branch railway line is located approximately 480 m to the northeast of the Site, running in a southeast to a northwest direction.
1905 (1:10,560)	The suspected farm in the centre south of the Site is now identified as 'Camp Farm' and the glass house at this location is no longer present. All other site characteristics remain the same.	Unidentified buildings are now identified farms of various names. A spring is identified approximately 100m to the northwest and a gravel pit is located approximately 270 m to the south.
1926 (1:10,560)	No significant changes.	No significant changes.
1955 (1:10,000)	No significant changes.	Residential development has taken place along the roads to the north and west of the Site. Balsall Windmill is labelled as disused and the gravel pit to the south of the Site is no longer labelled. 'Nurseries' are located 400 m to the southwest.
1967 - 1968 (1:10,000)	Camp Farm has expanded to include further buildings. The previously unidentified buildings in the southwest of the Site are identified as 'Southview Farm'. Ponds located in southeast are no longer identified and may have been infilled, and a 'drain' is present along a field boundary in the east of the Site.	Further residential development has taken place 500 m to the west of the Site.
1973 - 1977 (1:10,000)	Further expansion of Camp Farm with a further large building appearing in the field to the north of the farm.	A further unidentified building appears on the southern boundary of the Site. No other changes shown.
1993 (1:10,000)	Further development of Camp Farm to the north and west.	
1999 (1:10,000)	Development at Southview Farm in the southwest of the Site with buildings appearing to the east and north of the original farm location.	Building adjacent to the southern Site boundary is identified as Pheasant Oak Farm. The location of the former gravel pit to the south of the Site appears to have undergone infilling and residential development.
2006 (1:10,000)	No significant changes.	No significant changes.



4.2 Unexploded Ordnance

A review of the Unexploded Ordnance (UXO) risk maps published by Zetica indicate that the Site is in a low-risk zone based on recorded World War II bombing densities. A pre-Desk Study UXO assessment provided by Zetica and included in Appendix E concludes that a detailed desk study is not considered to be essential for the Site.



5 Site Walkover

A site walkover was undertaken by PJA on 30 June 2022. Notable findings are outlined below, and selected photographs are included in Appendix B.

5.1 Land Use

5.1.1 Hardstanding/ Made Ground

Hardstanding consisting of concrete, tarmac and aggregate gravel is present in and around all farmyard areas in the centre of the Site. The largest area of hardstanding is currently used for the storage of caravans and mobile homes. All main access routes to and from the farms consisted of hardstanding.

Two large (~2 m high) earth bunds were seen around the boundaries of the caravan storage area. Large concrete blocks and metal were seen protruding from the bunds.

Areas of hardstanding in the farmyard were used for storage of waste materials such as old farm machinery and derelict caravans.

5.1.2 Buildings

There are several buildings on the Site. These include two residential properties with associated gardens, office facilities, livestock barns, a smoke house for production of smoked meats, workshop areas, plant room, and various derelict buildings/barns used for general storage.

Buildings currently in use were observed to be generally in a condition, with the older buildings showing signs of staining on the floor, with possible asbestos tile roofing noted. Some cracking of the asbestos roofing was identified within the workshop area. Older unused barns were in a poor state of repair with obvious missing sections of the possible asbestos tile roofing.

5.1.3 Farmland

Surrounding farmland consisted of animal pasture and land used for hay making. Harvesting of crops appeared to have recently been completed.

5.2 Surface Water and Drainage

Ponds were observed in the central northern part of the Site and in the approximate centre of the Site in proximity to the farmyard/caravan storage areas. Possible surface water drainage ditches were noted along some field boundaries, notably along the northern boundary, however these could not be accessed due to overgrown vegetation.



Evidence of a belowground surface water drainage network was noted on Site in the form of grated drainage channels and slotted manhole covers, some of which were observed to contain debris.

5.3 Bulk Chemical Storage

Several aboveground storage tanks were noted in the farmyard areas including three unbunded fuel oil storage tanks with some staining present underneath on hardstanding.

A building identified as a 'Plant Room' was observed to contain cleaning chemicals and a large drum of lubricant oil and several cans of petrol and diesel were observed in a workshop. Visible staining was noted within these areas.

5.4 Asbestos

Possible asbestos tile roofing was noted on the older farm buildings in varying condition.

5.5 Third Party Observations

Metal and glass debris was observed by geophysical surveyors in surface soils towards the south western corner of the Site.



6 Geo Environmental Setting

6.1 Published Geology

6.1.1 Made Ground

No Made Ground is identified on published British Geological Survey (BGS) records, however Made Ground is anticipated to be present in farm yards, the caravan storage area and locally on the alignments of farm tracks.

6.1.2 Superficial Deposits

Published BGS records identify the Oadby Member underlying most of the site, mostly in the centre and east of the Site. The Oadby Member comprises diamicton, described as grey silty clay with lenses of sands and gravel. The west and north west of the Site is shown to be underlain by Glaciofluvial Deposits, generally consisting of sands and gravels.

6.1.3 Bedrock

Published BGS records indicate the whole Site is underlain by bedrock of the Mercia Mudstone Group consisting of *'red, less commonly green-grey, mudstones and subordinate siltstones with thick halite-bearing units in some basinal areas'*.

6.2 Mining

The Envirocheck Report indicates that the Site lies within a Coal Mining reporting area. A Coal Mining Report was ordered for the Site which indicates that there has been no historical shallow or underground mine workings in the area, and no shafts are recorded to be located within the boundary of the Site or within 20 m of the Site boundary.

The Site is highlighted as having coal reserves in the local area which have the potential to be mined at a future date, however no coal workings are recorded to be present on or under the Site and no plans have been submitted for future extraction.

The Coal Mining Report is presented in Appendix D.

6.3 Radon

The Envirocheck Report indicates that the site lies within a Lower Probability Radon Area where <1% of homes are estimated to be at or above the Action Level. It is therefore considered that radon protection measures are unlikely to be required in new dwellings at the Site.



6.4 Potential for Geological Hazards

The Envirocheck Report presents the following geological hazard potential within the Site boundary:

- Potential for Collapsible Ground Stability Hazards: Very Low hazard potential;
- Potential for Compressible Ground Stability Hazards: No Hazard potential;
- Potential for Ground Dissolution Ground Stability Hazards: No Hazard potential;
- Potential for Landslide Ground Stability Hazards: Very Low hazard potential;
- Potential for Running Sands Ground Stability Hazards: Very Low hazard potential; and
- Potential for Shrinking or Swelling Clay Ground Stability Hazards: Low to no hazard potential.

6.5 Hydrogeology

6.5.1 Aquifer Classification

The Environment Agency classifies the Oadby Member as a Secondary (undifferentiated) Aquifer, with Glaciofluvial Deposits classified as a Secondary A Aquifer. Mercia Mudstone Group bedrock is classified as a Secondary B Aquifer.

The Environment Agency define each as follows:

- Secondary A Aquifer – *‘permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers’;*
- Secondary B Aquifer – *‘mainly lower permeability layers that may store and yield limited amounts of groundwater through characteristics like thin cracks (called fissures) and openings or eroded layers’;* and
- Secondary (undifferentiated) – *‘assigned where it is not possible to attribute either category A or B to a rock type. In general, these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type’.*

6.5.2 Groundwater Source Protection Zones

The Site is not located in a groundwater source protection zone.

6.5.3 Licensed Groundwater Abstractions

There are no licensed groundwater abstractions located within 500 m of the Site.

6.5.4 Flood Risk

The Envirocheck Report indicates that in the western and north western parts of the Site there is limited potential for groundwater flooding to occur. The remainder of the Site is indicated not to be at risk from groundwater flooding.



6.6 Hydrology

6.6.1 Nearest Surface Water Features

Ponds are recorded to be present in the north and south east of the Site, with a drainage ditch aligned east to west and along the eastern boundary in the southeast of the Site. Further ponds and drains are located in the area surrounding the Site. A spring is shown on historical maps approximately 100 m to the northwest of the Site.

6.6.2 Surface Water Abstraction Licences

There are no licensed surface water abstractions within 500 m of the Site boundary.

6.6.3 Flood Risk

The Site is located within a Flood Zone 1 meaning that the Site has a low probability of flooding from rivers and the sea.

The Site is not located in an area at risk of flooding from surface water or reservoirs.

It should be noted that as the site is larger than 1ha in size, a Flood Risk Assessment may be required as part of the planning process.



7 Regulatory Review

7.1 Environmental Permits, Incidents and Registers

7.1.1 Discharge Consents

The Envirocheck Report indicates that there are eight discharge consents within 500 m of the site boundary, with the closest being 23 m to the south for the discharge of final/treated sewage effluent to a tributary of the River Blythe. However, this location does not correspond with a recorded surface watercourse. Three of the recorded discharge consents relate to discharge of sewage effluent to groundwater or land/soakaway but none of these appear to be operational.

7.1.2 Pollution Incidents

The Envirocheck Report indicates that there has been one pollution incident within 500 m of the Site boundary. This occurred in 1995 as classed as a 'Category 3' (minor) incident of farm effluent to a surface water course.

7.2 Current Land Use

The Envirocheck report indicates two active industrial land uses within 250 m of the Site. These relate to 'Sheet Metal Work' and 'Fireplaces and Mantelpieces' at Pheasant Oak Farm, directly adjacent to the southern boundary of the Site.

There are no recorded fuel stations within 500 m of the Site.

7.3 Designated Environmentally Sensitive Areas

There are no ecologically designated sites within 1 km of the Site.

The site lies within a Nitrate Vulnerable Zone.



8 Initial Conceptual Site Model

Based on the information summarised in the preceding sections of this report, this section presents the sources of potential contamination, receptors to potential contamination and pathways between the two. The initial Conceptual Site Model has been developed using this commonly adopted source-pathway-receptor model, as recommended in Land Contamination: Risk Management published by the Environmental Agency in 2020.

Where contamination sources, receptors, and pathways are present, these are referred to as potential contaminant linkages.

A preliminary assessment of the risk posed to identified receptors from potential on-Site and off-Site contamination sources has been made for each potential contaminant linkage, based on the information available at the time of writing this report.

8.1 Proposed Development

The proposed development will include mostly residential developments with gardens, public open space, and include accompanying services and access routes.

8.2 Potential Sources of Contamination

8.2.1 On-Site

On-Site potential sources of contamination are considered to comprise:

- Possible Made Ground of unknown provenance associated with the development of Camp Farm and Southview Farm;
- Possible Made Ground of unknown provenance associated with potentially infilled ponds located in the southeast of the Site;
- Possible Made Ground of unknown provenance associated with farm tracks at the Site and earth bunds surrounding the mobile home and caravan storage area;
- Fuel and oils associated with farm machinery, aboveground storage tanks, and mobile home and caravan storage, if spills and leaks have taken place; and
- Pesticide and fertiliser residue if these have been stored and used on the Site.

As a result of these land uses it is possible that a range of contaminants may be present locally in the soils and groundwater at the Site including metals and other inorganics, asbestos, fuels, oils and greases (Total Petroleum Hydrocarbons (TPH)), Polycyclic Aromatic Hydrocarbons (PAH) and increased levels of nitrates and phosphates from residual pesticides and fertilisers.



The generation of methane, carbon dioxide and other gases may be ongoing from the potential Made Ground across the Site if putrescible material is present.

Limited potential off-Site sources of contamination have been identified:

- Light industrial activities reported to be undertaken at Pheasant Oak Farm, such as metal working; and
- Made Ground of unknown provenance associated with a potentially infilled gravel pit 270m to the south of the Site.

Potential contaminants could include metals and other inorganics, TPH and PAH. There is a potential of the generation of methane, carbon dioxide and other gases if putrescible materials are present in fill materials.

8.3 Potential Pathways

8.3.1 Human Health

- Ingestion of contaminants in soil and soil-derived dust;
- Dermal contact with contaminants in soils and soil-derived dusts where soils (and contaminants) are exposed at the surface;
- Inhalation of contaminants in soil-derived dusts from areas where soils (and contaminants) are exposed at the surface; and
- Inhalation of soil-derived and groundwater-derived vapours and/or ground gas.

8.3.2 Controlled Waters

The following pathways for the migration of contamination to controlled waters are considered applicable:

- Leaching and migration of contaminants from soils in the unsaturated zone into groundwater;
- Migration of contaminants via preferential pathways to groundwater;
- Lateral migration of contaminants in groundwater through soils and bedrock with discharge to surface water as base flow; and
- Migration of contaminants along preferential pathways such as installed services followed by discharge to surface watercourses.

8.3.3 Property

The following pathways are considered applicable for property receptors:

- Direct contact of on-Site property with contaminants in soils, perched water and/or groundwater;



- Direct contact of off-Site property with contaminants in migrating perched water and/or groundwater; and
- Lateral/vertical migration of gas through soils followed by accumulation in enclosed spaces and potentially explosive conditions.

8.4 Potential Receptors

Potential receptors to contamination are presented in Table 8-1.

Table 8-1: Potential Receptors

Receptor		Additional information
Human Health	Future Site Users (Critical Receptor)	Occupiers of and visitors to residential properties
	Construction and Maintenance Workers	During construction, demolition and maintenance of the proposed development
Controlled Waters	Groundwater	Secondary A, Secondary B and Secondary (undifferentiated) aquifers
	Local surface water features	Drains and ponds located within and close to the Site boundary
Other	Operational Buildings and Services	Future on-Site buildings, foundations and services
	Flora and Fauna	Landscaping and garden areas associated with the development

Whilst construction and maintenance workers are potential receptors to contamination, their exposure is acute based on the generally short duration of their work and use of PPE relevant to any task undertaken.

Land contamination risk assessment is based on chronic risk associated with exposure to contamination over a longer period, therefore risk to construction and maintenance workers are not considered in the conceptual site model.

8.5 Initial Conceptual Site Model and Preliminary Qualitative Risk Assessment

Based on the information currently available, potential contaminant linkages have been identified and a preliminary qualitative risk assessment has been undertaken for the Site. The estimation of the potential significance of each linkage is based on the nature of the proposed development, the presence and mobility of potential contaminants and the plausibility of the identified migration/exposure pathways.

The preliminary risk assessment was undertaken in accordance with the risk matrix set out in CIRIA C552 (See Appendix F) and is presented in Table 8-2.

Table 8-2: Preliminary Assessment of Risks Associated with the Site Under Present Site Conditions

Pollutant Linkage	Potential Source	Key Contaminants	Pathway	Receptor	Probability	Consequence	Risk	Comment/Mitigation Measures
1	<p><u>On-Site</u></p> <p>Possible Made Ground of unknown provenance associated with the development of Camp Farm and Southview Farm;</p>	<p>Metals and other inorganics, asbestos, fuels, oils and greases TPH, PAH, nitrates, phosphates</p>	<p>Dermal contact with and/or ingestion of contaminants in soil and soil-derived dust</p> <p>Inhalation of contaminants in soil-derived dust</p> <p>Inhalation of soil-derived and groundwater-derived vapours</p>	<p>Human – future occupants of residential properties and users of public open space</p>	<p>Low likelihood</p>	<p>Medium</p>	<p>Moderate/Low</p>	<p>Contamination, if present, is likely to be localised. Further investigation into the identified potentially contaminative land uses is recommended.</p>
2	<p>Possible Made Ground of unknown provenance associated with potentially infilled ponds located in the southeast of the Site;</p> <p>Possible Made Ground of unknown provenance associated with farm tracks at the Site and earth bunds surrounding the mobile home</p>		<p>Dermal contact with and/or ingestion of contaminants in soil and soil-derived dust</p> <p>Inhalation of contaminants in soil-derived dust</p> <p>Inhalation of soil-derived and groundwater-derived vapours</p>	<p>Human – Occupants/users of off-site residential properties and public open space</p>	<p>Unlikely</p>	<p>Medium</p>	<p>Low</p>	<p>Contamination, if present, is likely to be localised and is considered unlikely to be migrating to off-Site receptors.</p>
3			<p>Leaching and migration of contaminants from soils in the unsaturated zone into groundwater</p> <p>Migration of contaminants via preferential pathways such as piles to groundwater</p>	<p>Controlled waters – groundwater in Secondary A Aquifer, Secondary B Aquifer, and Secondary Undifferentiated Aquifer</p>	<p>Low likelihood</p>	<p>Medium</p>	<p>Moderate/Low</p>	<p>Contamination, if present, is likely to be localised. Shallow groundwater may be present and there is the potential for contamination to be migrating to groundwater. Further investigation into the identified potentially contaminative land uses is recommended.</p>



Initial Conceptual Site Model

Table 8-2: Preliminary Assessment of Risks Associated with the Site Under Present Site Conditions								
Pollutant Linkage	Potential Source	Key Contaminants	Pathway	Receptor	Probability	Consequence	Risk	Comment/Mitigation Measures
4	and caravan storage area; Fuel and oils associated with farm machinery, aboveground storage tanks, and mobile home and caravan storage, if spills and leaks have taken place; and		Lateral migration of contaminants in groundwater through soils and bedrock with discharge to surface water as base flow Migration of contaminants along preferential pathways such as installed services followed by discharge to surface watercourses	Controlled waters – on-Site surface water drainage ditches and ponds	Low likelihood	Mild	Low	There are localised minor surface water features within the site boundary. There is considered to be a low likelihood of contamination migrating to the surface water receptors.
5	have taken place; and Pesticide and fertiliser residue if these have been stored and used on the Site.		Direct contact with contaminants in soils, perched water and/or groundwater	Property - Future on-Site buildings, foundations and services	Low likelihood	Mild	Low	Contamination, if present, is likely to be localised and not present in high concentrations. The Site is underlain by sulphate-bearing bedrock which may result in aggressive ground conditions which pose an unacceptable risk to concrete.
6			Direct contact with contaminants in migrating groundwater	Property – Off-Site buildings, foundations and services	Unlikely	Mild	Very Low	Shallow groundwater may be present in superficial deposits at the Site however it is considered unlikely that contamination is migrating to off-Site property receptors.
7		Ground gases including methane and carbon dioxide	Lateral/vertical migration through soils followed by accumulation in enclosed spaces and inhalation	Human - future occupants of on-Site residential properties	Unlikely	Medium	Low	Localised potential sources of ground gas have been identified. It is considered unlikely that ground gases are present in sufficient quantities and flows to pose an unacceptable risk to human receptors.
8			Lateral/vertical migration through soils followed by accumulation in enclosed spaces and	Property - Future on-Site buildings, current off-Site buildings	Unlikely	Medium	Low	Localised potential sources of ground gas have been identified. It is considered unlikely that ground gases are present in sufficient quantities and flows to pose an unacceptable risk to property receptors.

Table 8-2: Preliminary Assessment of Risks Associated with the Site Under Present Site Conditions								
Pollutant Linkage	Potential Source	Key Contaminants	Pathway	Receptor	Probability	Consequence	Risk	Comment/Mitigation Measures
			potentially explosive conditions					
9	<p><u>Off-Site</u></p> <p>Light industrial activities reported to be undertaken at Pheasant Oak Farm, such as metal working; and</p>	Metals and other inorganics, TPH and PAH	<p>Dermal contact with and/or ingestion of contaminants in windblown soil-derived dust</p> <p>Inhalation of contaminants in windblown soil-derived dust</p> <p>Inhalation of migrating soil-derived and groundwater-derived vapours</p>	Human – future occupants of on-Site residential properties, users of public open space	Unlikely	Medium	Low	Off-Site potential sources of contamination are localised and unlikely to be significant and it is considered unlikely that off-Site contamination is migrating onto the Site.
10	Made Ground of unknown provenance associated with a potentially infilled gravel pit 270m to the south of the Site.		Lateral migration of contaminants through permeable soils in migrating groundwater	Controlled waters – groundwater in Secondary A Aquifer, Secondary B Aquifer, and Secondary Undifferentiated Aquifer	Unlikely	Medium	Low	Off-Site potential sources of contamination are localised and unlikely to be significant and it is considered unlikely that off-Site contamination is migrating onto the Site in groundwater.
11			<p>Lateral migration of contaminants in migrating groundwater with discharge to surface water as base flow</p> <p>Migration of contaminants along</p>	Controlled waters – on-Site surface water drains and ponds	Unlikely	Mild	Very low	Off-Site potential sources of contamination are localised and unlikely to be significant and it is considered unlikely that off-Site contamination is migrating to on-Site surface water receptors.



Table 8-2: Preliminary Assessment of Risks Associated with the Site Under Present Site Conditions								
Pollutant Linkage	Potential Source	Key Contaminants	Pathway	Receptor	Probability	Consequence	Risk	Comment/Mitigation Measures
			preferential pathways such as installed services followed by discharge to surface waters					
12			Direct contact with contaminants in migrating perched water and/or groundwater	Property - Future on-site buildings, foundations and services	Unlikely	Medium	Low	Off-Site potential sources of contamination are localised and unlikely to be significant and it is considered unlikely that off-Site contamination is migrating to on-Site property receptors.
13		Ground gases including methane and carbon dioxide	Lateral/vertical migration through soils followed by accumulation in enclosed spaces and inhalation	Human - future occupants of on-Site residential properties	Unlikely	Medium	Low	One localised potential source of ground gas has been identified off-Site. It is considered unlikely that ground gases are migrating onto the Site in sufficient quantities and flows to pose an unacceptable risk to on-Site human receptors.
14			Lateral/vertical migration through soils followed by accumulation in enclosed spaces and potentially explosive conditions	Property - Future on-site buildings	Unlikely	Medium	Low	One localised potential source of ground gas has been identified off-Site. It is considered unlikely that ground gases are migrating onto the Site in sufficient quantities and flows to pose an unacceptable risk to on-Site property receptors.



9 Preliminary Engineering Assessment

9.1 Geotechnical Hazards

Based upon the information available, the following potential engineering constraints have been identified at the Site and may need to be considered as part of any proposed redevelopment. This list should not be considered exhaustive.

Table 9-1: Geotechnical Considerations

Geotechnical Consideration	Description
Made Ground	It anticipated that Made Ground will be present locally at the Site, the provenance, depth and nature of which may vary. Due to the inherent variability of Made Ground and the frequently uncontrolled nature of its deposition, it is not recommended to found any structure within Made Ground.
Shallow groundwater and groundwater springs	Historical maps included in the Envirocheck report indicate the presence of a spring close to the northwestern boundary of the Site, however it is noted that water is indicated to flow away from the Site. The presence of ponds on Site indicates the potential for shallow groundwater. Further investigation is recommended to monitor the groundwater level.
Chemical attack on buried concrete	Underlying geology and agricultural land use can give rise to sulphide-rich aggressive ground. Ground investigation should allow for BRE SD1 to provide data required for an initial assessment of the appropriate design class of concrete for future development at the Site.



10 Conclusions and Recommendations

10.1 Summary and Conclusions

Published BGS records indicate the presence of superficial Oadby Member across most of the site, with Glaciofluvial Deposits located in the north and west. The Oadby Member and Glaciofluvial Deposits are defined as Secondary (undifferentiated) and Secondary A Aquifers respectively.

Bedrock of the Mercia Mudstone Group underlies the whole of the site. This is classified as a Secondary B Aquifer.

Surface water drainage ditches are present locally on the Site and in the surrounding area, with several ponds identified on-Site and in the surrounding area.

The desk study has identified limited potentially contaminative land uses at the Site and in the surrounding area. On-Site potential sources of contamination include Made Ground which may be present locally, fertiliser and pesticide residue if these have been stored and used on the Site, and the use or storage of fuels and oils associated with farm machinery and the mobile homes and caravans stored on-Site.

Receptor Type	Description	Preliminary Risk Level
Human Health	Future occupants of future on-Site residential properties and users of public open space	Moderate/Low to Low
	Occupants/users of off-site residential, commercial and education properties and public open space.	Low
	Construction and maintenance workers	N/A - acute risk to construction and maintenance workers not assessed.
Controlled Waters	Groundwater in Superficial Secondary A Aquifer, Secondary B Aquifer and Secondary Undifferentiated Aquifer	Moderate/Low to Low
	On-Site and off-Site surface water ditches and ponds	Low to Very Low
Property	Future on-site buildings, foundations and services	Low
	Off-site buildings, foundations and services	Low

10.2 Recommendations

Ground investigation is recommended at the Site to refine the initial conceptual site model, to establish suitability for reuse of soils at the site from a chemical and geotechnical perspective, to inform the drainage strategy and to support design of the proposed development.

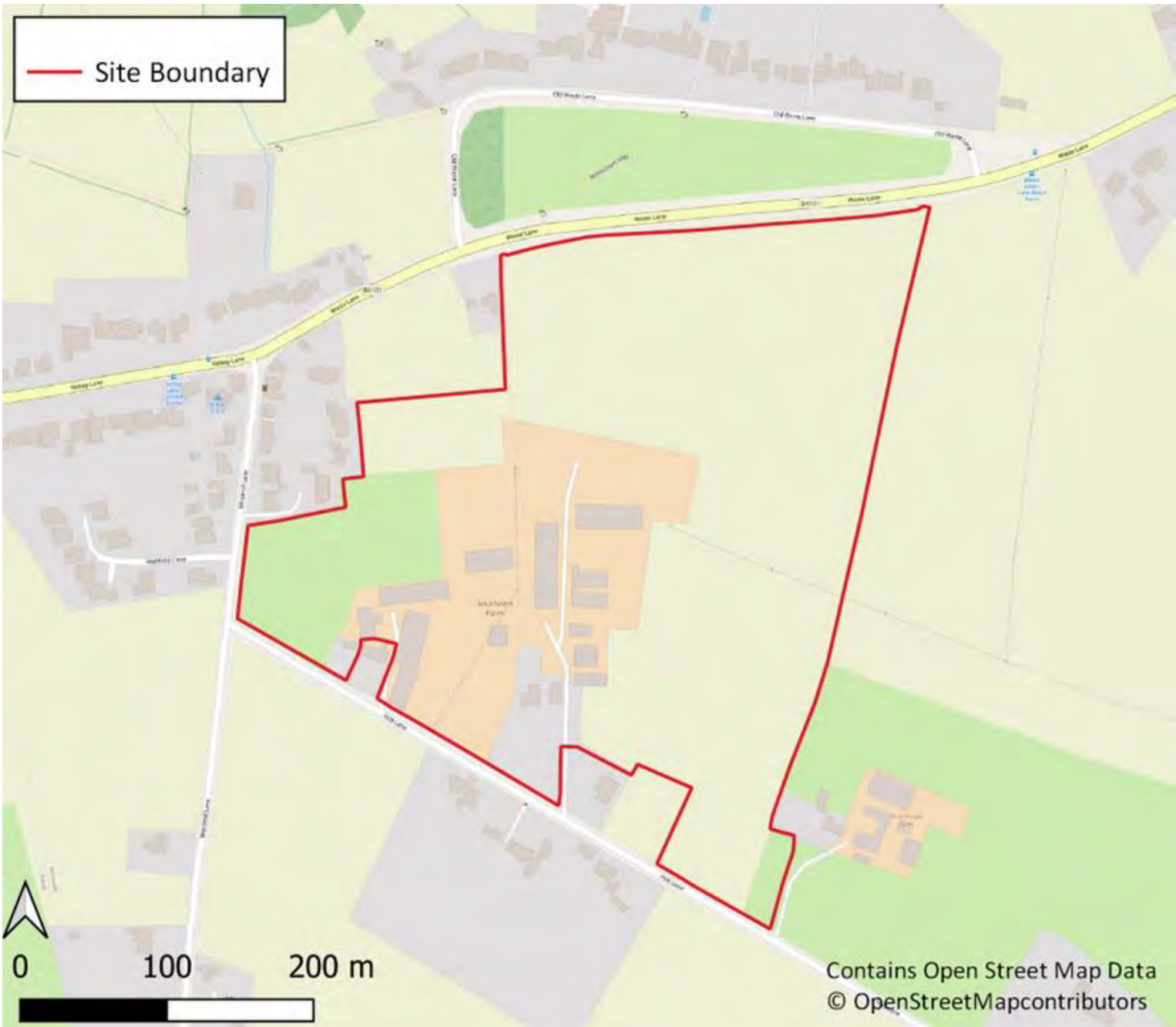
The ground investigation scope may include:



- targeted exploratory holes in the area of Camp Farm, Southview Farm and the mobile home and caravan storage area to establish the presence or absence of Made Ground and potential contamination, including the earth bunds;
- targeted exploratory holes in the locations of potentially infilled ponds to determine the presence or absence of Made Ground;
- non-targeted exploratory holes providing coverage of the wider site to establish topsoil thickness and composition, and the composition of underlying natural soils;
- installation of standpipes for groundwater level and gas monitoring;
- undertaking of soakaway testing to inform the drainage strategy; and
- in situ testing and laboratory analysis to determine the chemical and geotechnical properties of the ground.



Appendix A Drawings



Client: Barwood Land

Project: Pheasant Oak Farm, Balsall Common

Figure 1: Site Boundary



Seven House, High Street, Longbridge, Birmingham, B31 2UQ
T. 0121 475 0234



Appendix B Photographs

Site Photographs- Pheasant Oak Farm



Photo	Description
	<p>Fuel storage containers in a workshop located in the approximate centre of the Site</p>
	<p>Unknown 25L storage containers in a workshop located in the approximate centre of the Site</p>



Photo	Description
	Leaking machinery observed in the approximate centre of the Site
	Storage of chemicals including lubricant oil drum. Unknown quantity left



Photo	Description
	<p>Containers of unknown liquids outside buildings in the central area of the Site</p>
	<p>Staining on floor of workshop in central area of the Site</p>




Photo	Description
	<p>Light damage to possible asbestos panels on farm buildings at the Site</p>
	<p>Made Ground at the surface between old and new barns in the approximate centre of the Site</p>
	<p>Hardstanding within caravan storage storage area.</p>



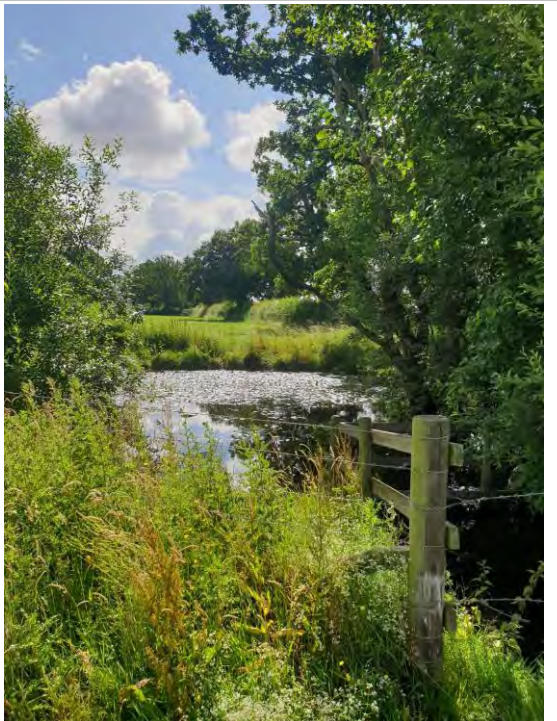
Photo	Description
	<p>Partially buried tank possibly used for water storage</p>
	<p>Aboveground fuel oil storage tank</p>
	<p>Pond in central northern part of the Site</p>






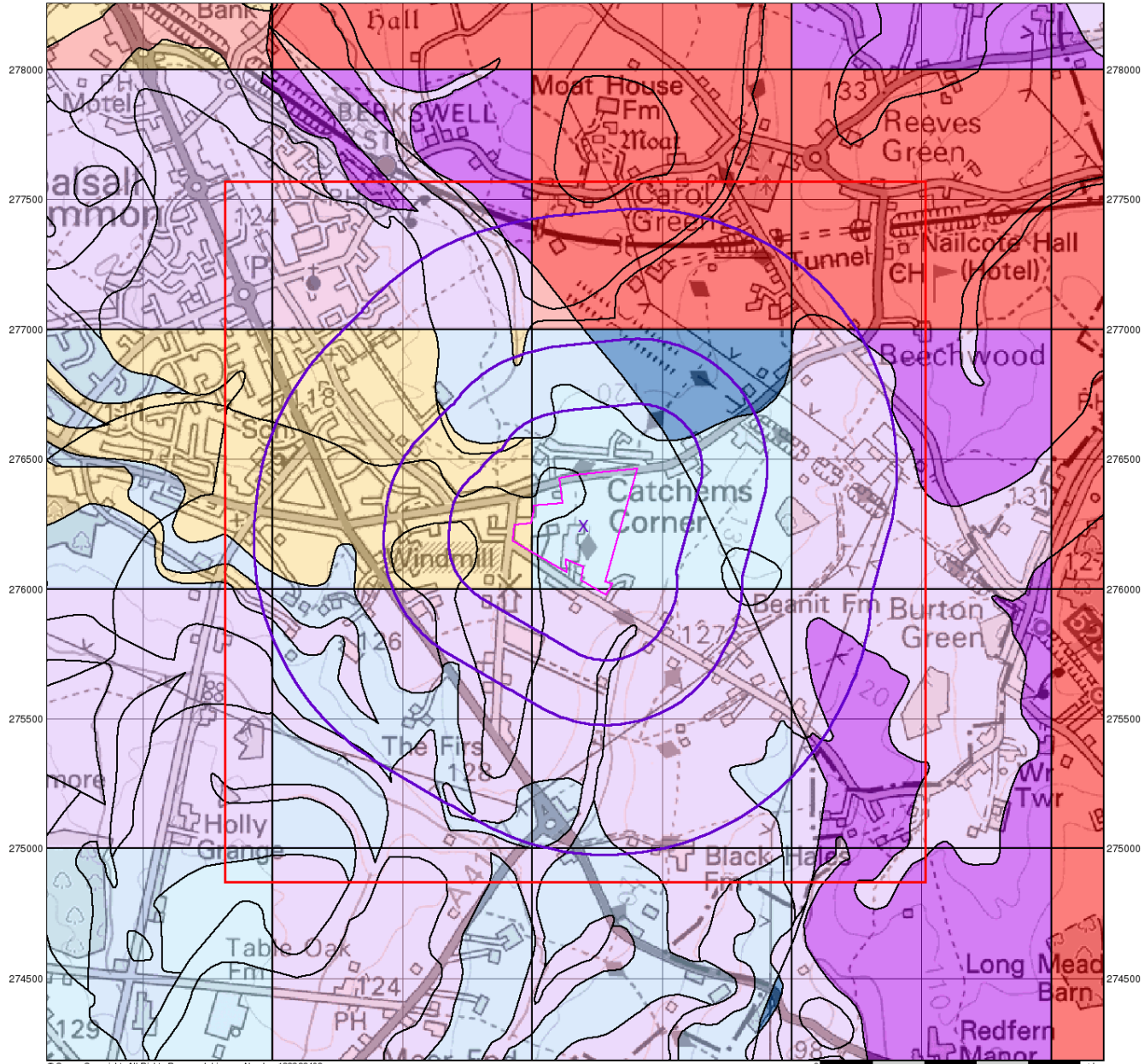
Photo	Description
	<p>View of earth bund around the caravan storage area</p>
	<p>Food storage tank observed in the central area of the Site</p>
	<p>Aboveground propane storage tank</p>

Photo	Description
	Waterlogged area in the southeast of the Site
	View across pasture land at the Site



Appendix C Landmark Envirocheck Report

423500 424000 424500 425000 425500 426000 426500 427000



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Groundwater Vulnerability

General

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

Agency and Hydrological

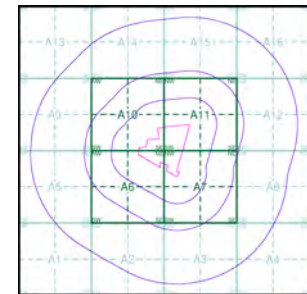
Bedrock Aquifers

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

Superficial Aquifers

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

Site Sensitivity Context Map - Slice A



Order Details

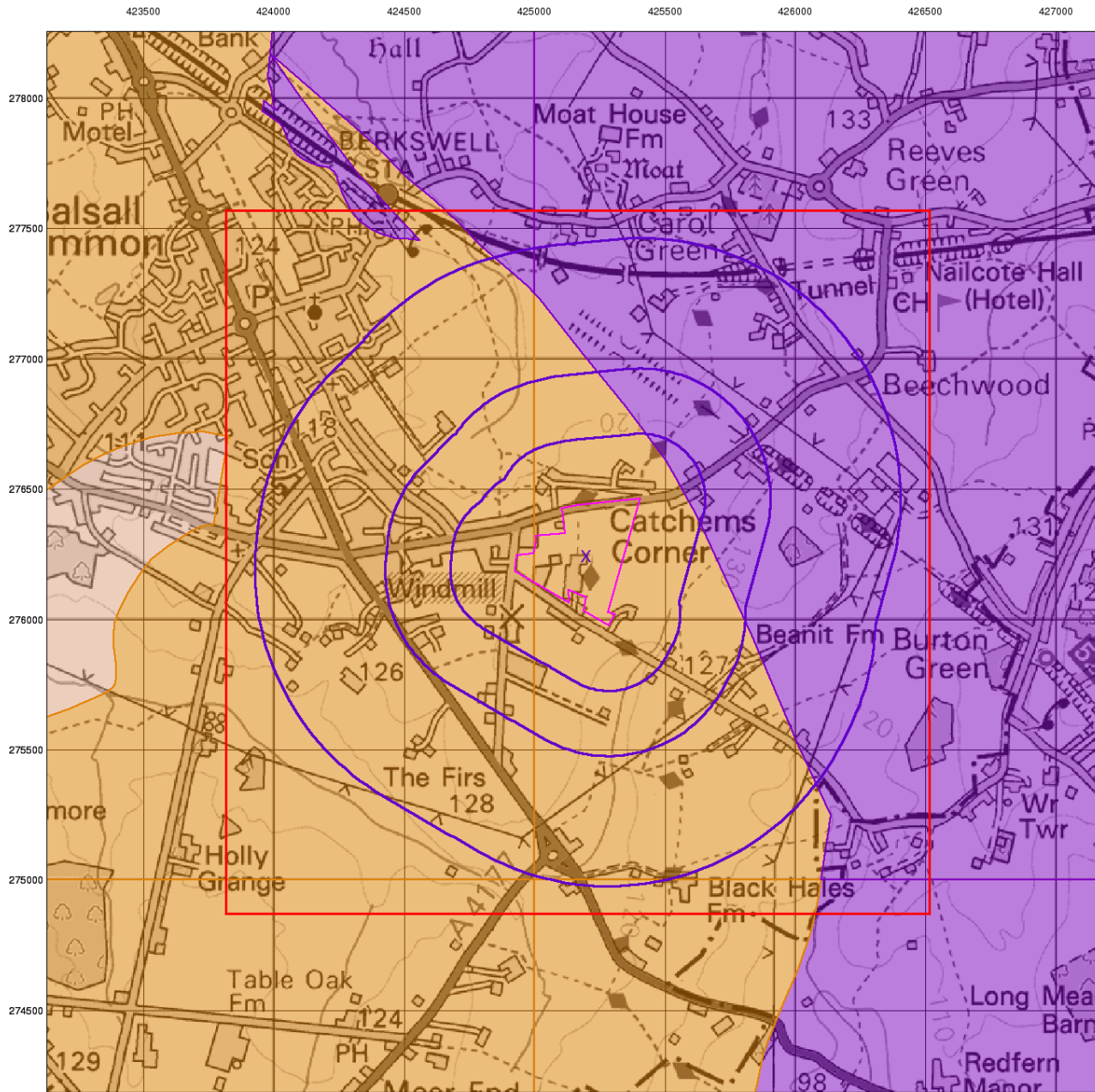
Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
 Slice: A
 Site Area (Ha): 12.47
 Search Buffer (m): 1000

Site Details

Site at, Balsall Common, Solihull

Landmark
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Tel: 0844 844 9952
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Bedrock Aquifer Designation

General

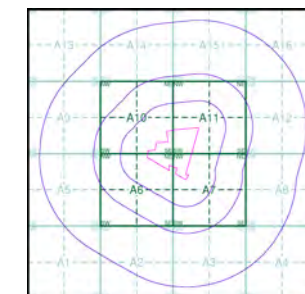
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

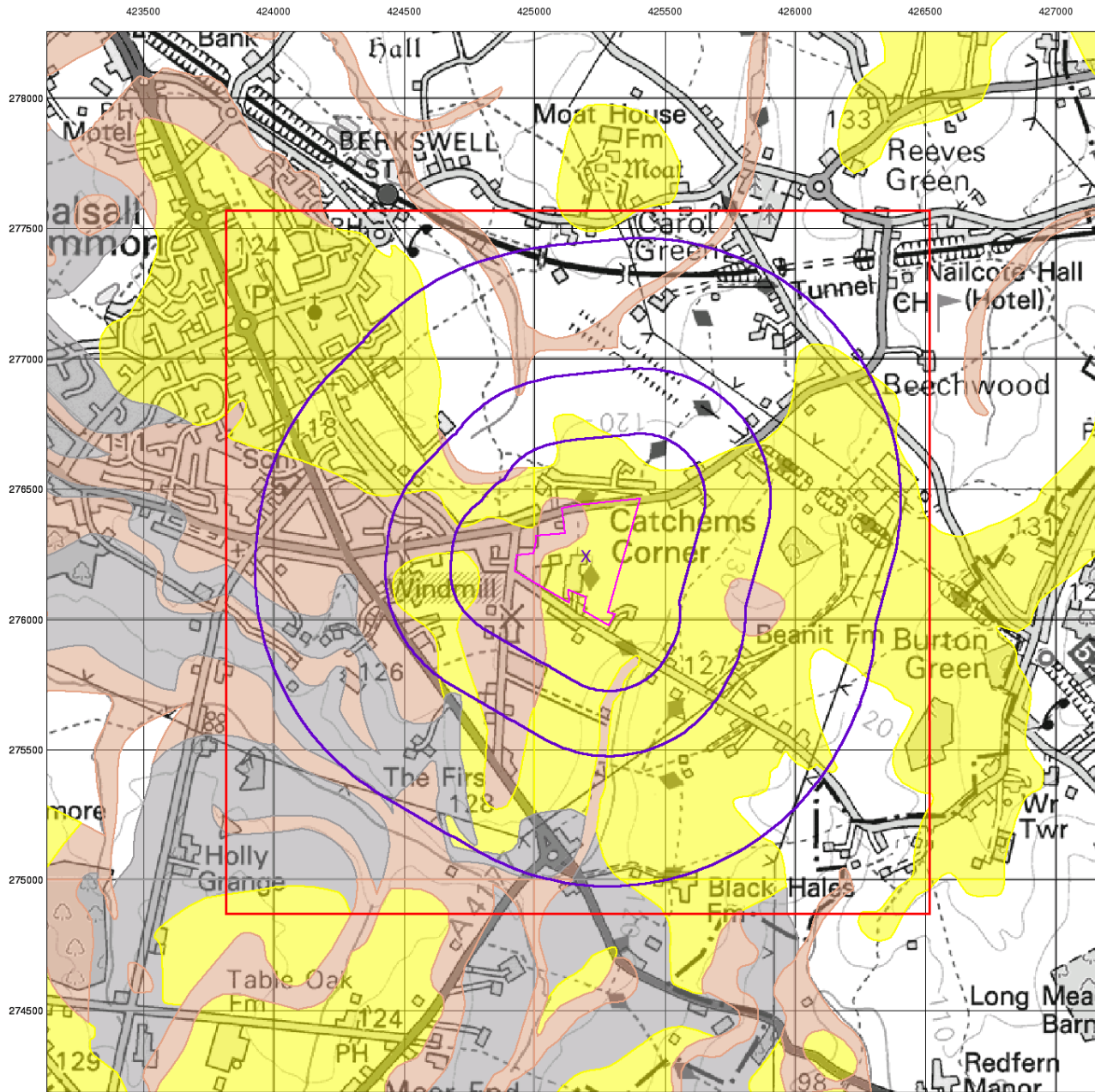
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 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
 Slice: A
 Site Area (Ha): 12.47
 Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

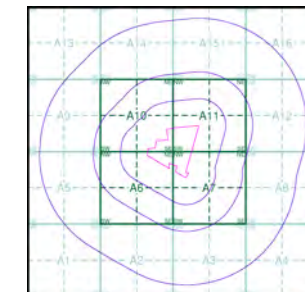
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

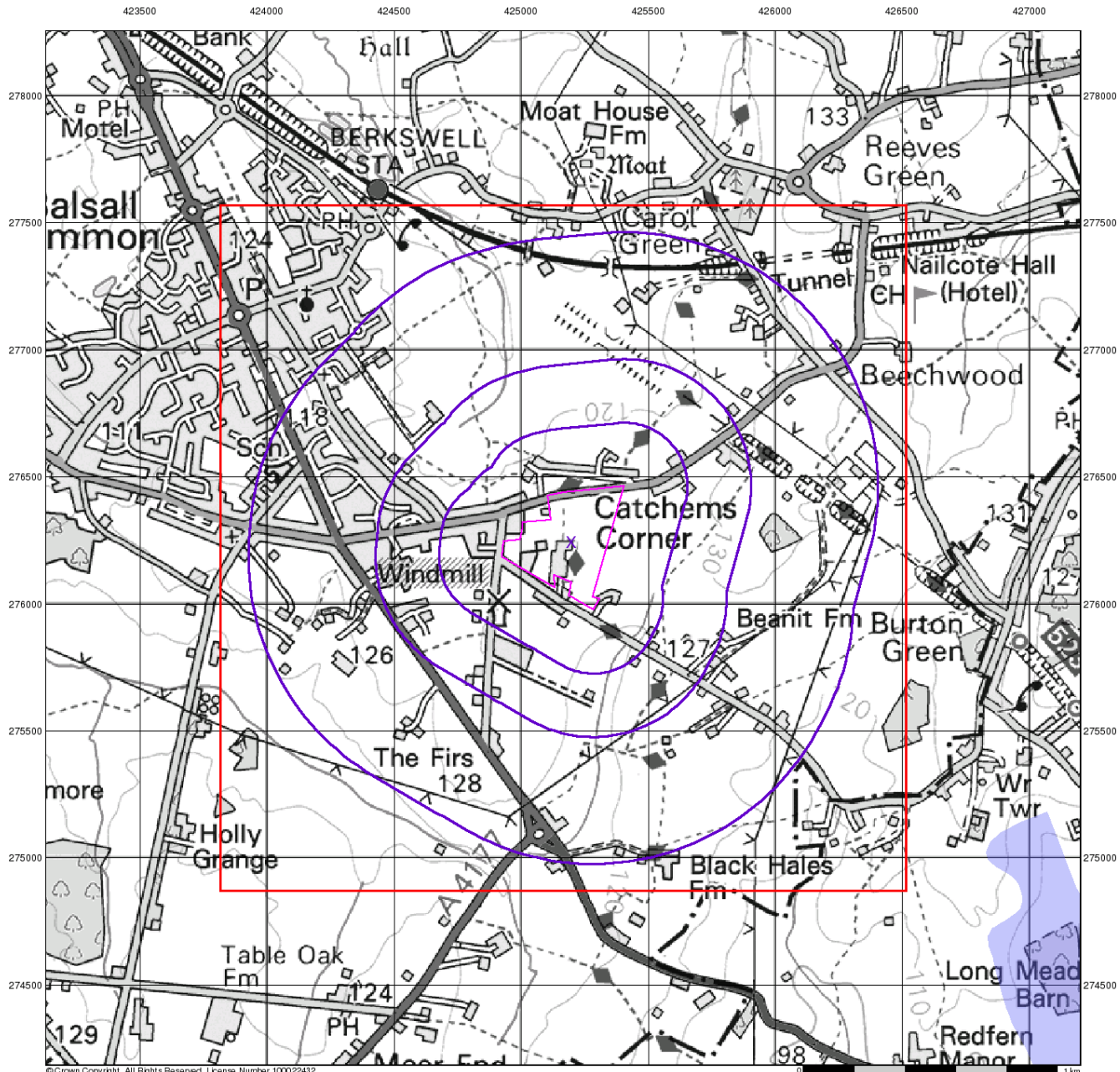
Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
 Slice: A
 Site Area (Ha): 12.47
 Search Buffer (m): 1000

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Source Protection Zones

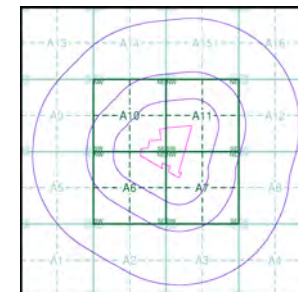
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A

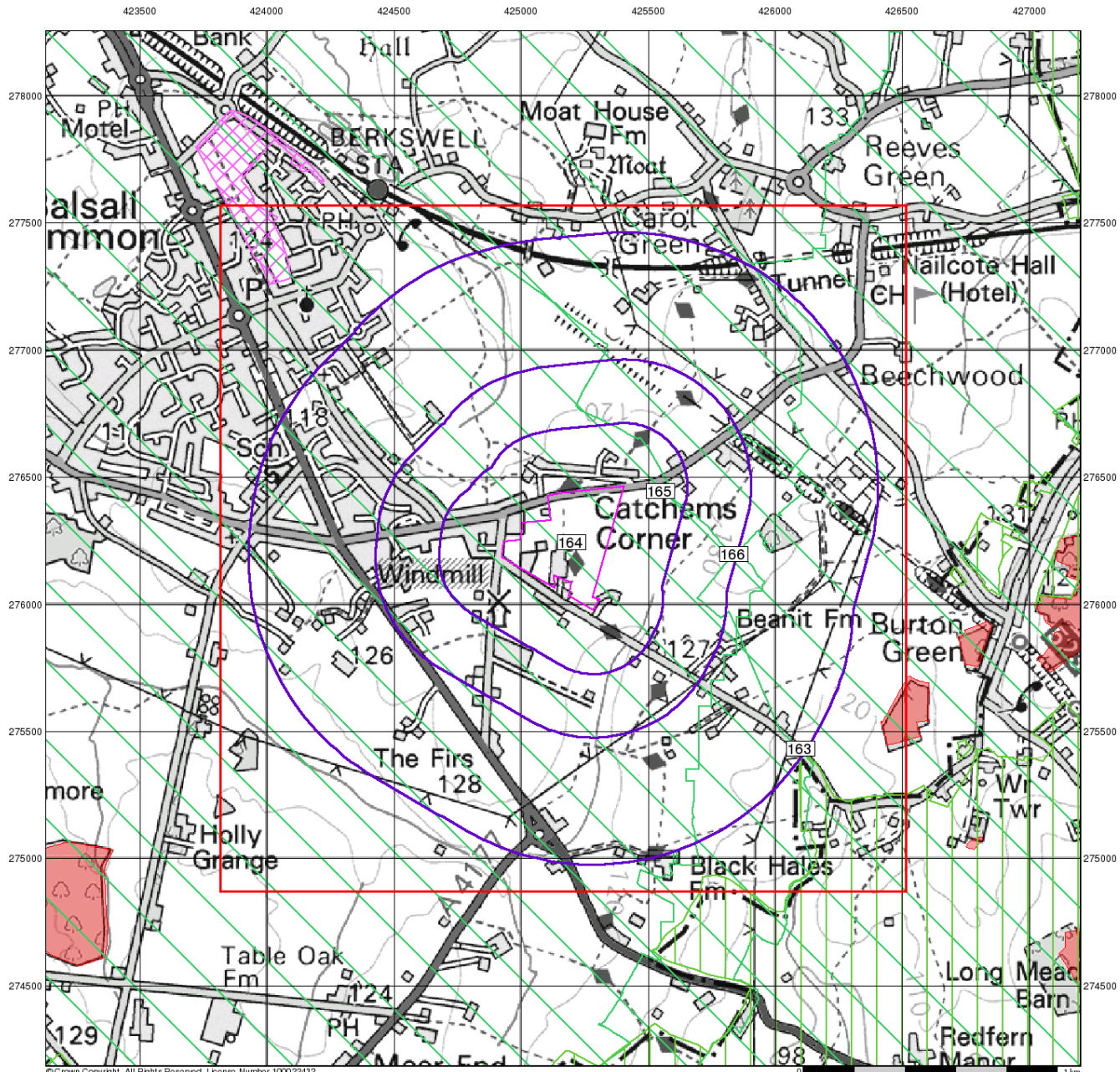


Order Details

Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
 Slice: A
 Site Area (Ha): 12.47
 Search Buffer (m): 1000

Site Details






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Sensitive Land Uses

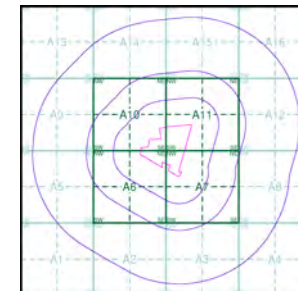
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A

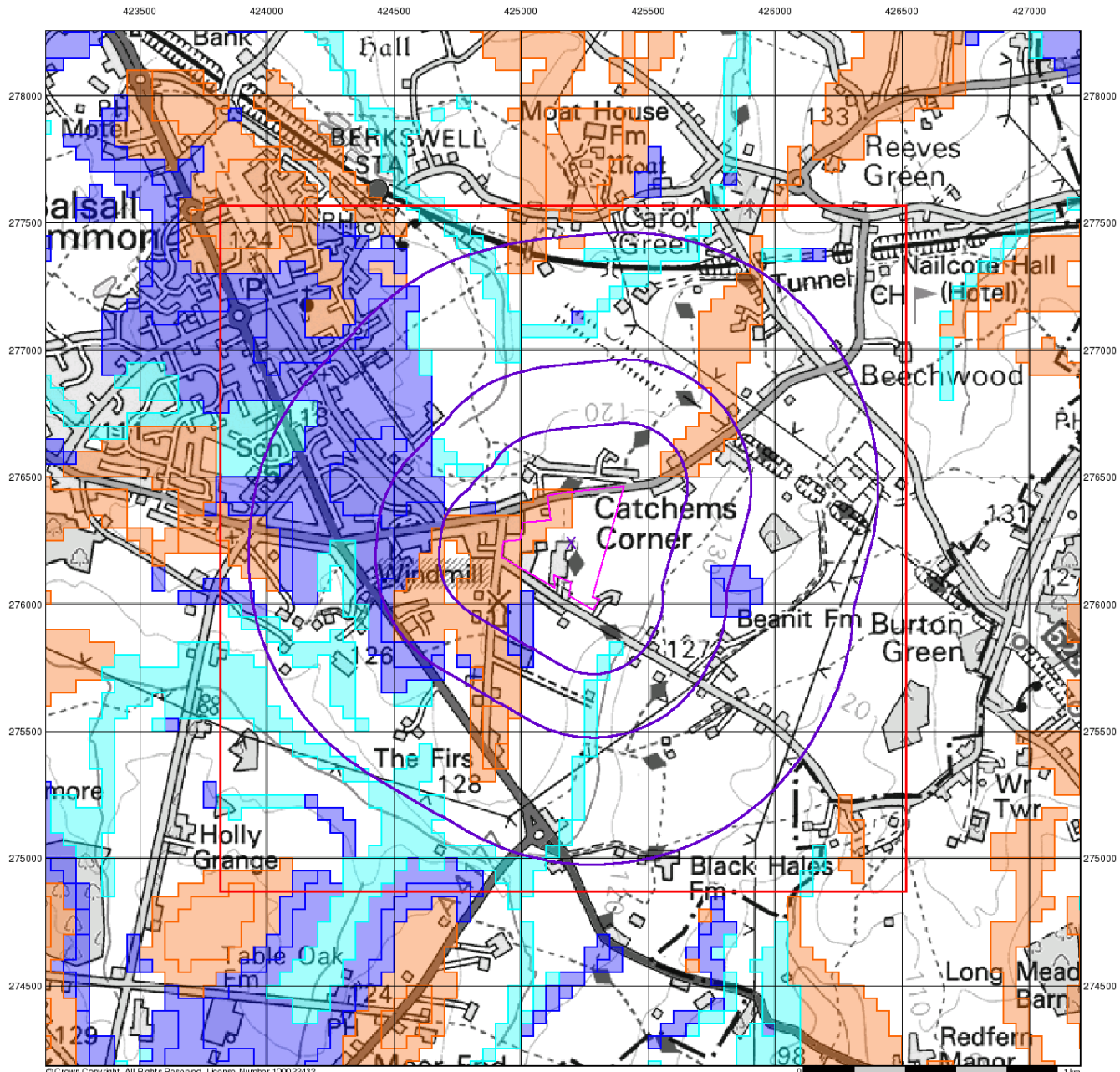


Order Details

Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
 Slice: A
 Site Area (Ha): 12.47
 Search Buffer (m): 1000

Site Details

Site at, Balsall Common, Solihull



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BGS Flood GFS Data

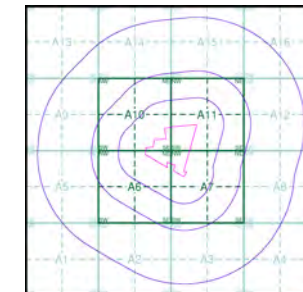
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
 Slice: A
 Site Area (Ha): 12.47
 Search Buffer (m): 1000

Site Details

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

296951678_1_1

Customer Reference:

05655/C

National Grid Reference:

425200, 276240

Slice:

A

Site Area (Ha):

12.47

Search Buffer (m):

1000

Site Details:

Site at

Balsall Common

Solihull

Client Details:

Mr C Oliver

PJA Civil Engineering Ltd

Seven House

High Street

Longbridge

Birmingham

B31 2UQ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	20
Hazardous Substances	-
Geological	21
Industrial Land Use	25
Sensitive Land Use	28
Data Currency	29
Data Suppliers	35
Useful Contacts	36

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		2	6	3
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 4			1	1
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 5	Yes			
Pollution Incidents to Controlled Waters	pg 5			1	1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 5				1 (*3)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 6	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 7	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 7	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 7	5	15	19	66

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 20	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 20			1	
Potentially Infilled Land (Water)	pg 20	2	2	2	10
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 21	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 21	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 22			1	
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 22	Yes	n/a	n/a	n/a
Mining Instability	pg 22	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 23	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 23		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 23	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 23	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 23	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 25		3	2	10
Fuel Station Entries	pg 26				1
Points of Interest - Commercial Services	pg 26		1	1	4
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 26		1	1	6
Points of Interest - Public Infrastructure	pg 27		1		
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 28				1
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 28	1	1	1	
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SE (W)	0	1	425000 276243
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SW (N)	0	1	425197 276300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NE (SW)	53	1	425050 276050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SE (W)	109	1	424900 276350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NE (SW)	121	1	425000 276000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7SW (S)	143	1	425350 275850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SE (NE)	151	1	425550 276500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7SW (S)	177	1	425300 275800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10SE (NW)	200	1	424950 276550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10SE (NW)	237	1	424850 276500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SW (W)	239	1	424700 276300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7SW (S)	277	1	425250 275700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SW (W)	279	1	424700 276400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10SW (NW)	343	1	424750 276550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SW (SW)	395	1	424800 275800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SW (SW)	404	1	424700 275850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (SW)	413	1	424850 275750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (E)	418	1	425750 276150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (E)	431	1	425750 276100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6SE (S)	494	1	424950 275600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Mr Bill Cooper Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Hobgoblins, Hob Lane, Balsall Common, Coventry, Cv7 7gx Authority: Environment Agency, Midlands Region Catchment Area: Upper Blythe To Confluence With Cole Reference: Npswqd007964 Permit Version: 1 Effective Date: 22nd May 2009 Issued Date: 22nd May 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Blythe Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A6NE (S)	23	2	425138 276040
2	<p>Discharge Consents</p> <p>Operator: C J Read Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Beanit Cottage Hob Lane, Balsall Common, Coventry, Warwickshire, Cv7 7gx Authority: Environment Agency, Midlands Region Catchment Area: Upper Blythe To Confluence With Cole Reference: T/11/36200/S Permit Version: 1 Effective Date: 2nd November 2005 Issued Date: 2nd November 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of River Blythe Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7SW (SE)	233	2	425480 275850
3	<p>Discharge Consents</p> <p>Operator: J D Dewhurst Property Type: Not Given Location: Meadow Farm, Windmill Lane, BALSALL COMMON Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: WQ/72/1705/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 1st March 1978 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge: Groundwater Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A7SW (S)	289	2	425200 275700
4	<p>Discharge Consents</p> <p>Operator: Mrs Penny Smith-Fowler Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Windmill Park Windmill Lane, Balsall Common, Coventry, Warwickshire, Cv7 7gz Authority: Environment Agency, Midlands Region Catchment Area: Upper Blythe To Confluence With Cole Reference: T/11/36381/Sg Permit Version: 2 Effective Date: 2nd April 2012 Issued Date: 2nd April 2012 Revocation Date: 16th November 2020 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Underground Strata Status: Revoked under EPR 2010 Positional Accuracy: Located by supplier to within 100m</p>	A6SE (SW)	294	2	425000 275800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Mrs Penny Smith-Fowler Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Windmill Park Windmill Lane, Balsall Common, Coventry, Warwickshire, Cv7 7gz Authority: Environment Agency, Midlands Region Catchment Area: Upper Blythe To Confluence With Cole Reference: T/11/36381/Sg Permit Version: 1 Effective Date: 19th January 2007 Issued Date: 19th January 2007 Revocation Date: 1st April 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Underground Strata Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A6SE (SW)	294	2	425000 275800
4	<p>Discharge Consents</p> <p>Operator: Mr W Bemus Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Windmill Park Windmill Lane, Balsall Common, Coventry, Warwickshire, Cv7 7gz Authority: Environment Agency, Midlands Region Catchment Area: Upper Blythe To Confluence With Cole Reference: T/11/14164/Sg Permit Version: 1 Effective Date: 7th September 1977 Issued Date: 7th September 1977 Revocation Date: 18th January 2007 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Underground Strata Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A6SE (SW)	294	2	425000 275800
5	<p>Discharge Consents</p> <p>Operator: K D Quiggin Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Firs Farm, Windmill Lane, Balsall Common Authority: Environment Agency, Midlands Region Catchment Area: Upper Blythe To Confluence With Cole Reference: T/11/11525/S Permit Version: 1 Effective Date: 18th April 1989 Issued Date: 18th April 1989 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Long Brook (River Blythe) Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A6SE (SW)	362	2	424950 275750
6	<p>Discharge Consents</p> <p>Operator: Multiple Owners - Beanit Farm House & Old Granary Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Beanit Farm House & The Old Granary Beanit Farm, Hob Lane, Balsall Common, Nr Coventry, Cv7 7gx Authority: Environment Agency, Midlands Region Catchment Area: Upper Blythe To Confluence With Cole Reference: T/11/10976/S Permit Version: 1 Effective Date: 28th January 1988 Issued Date: 28th January 1988 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Long Brook & Trib R Blythe Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A7SE (SE)	427	2	425640 275740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>Discharge Consents</p> <p>Operator: Mr Frank Tyler Property Type: Undefined Or Other Location: Elderfield, Berkswell, Coventry, West Midlands, Cv7 7dh Authority: Environment Agency, Midlands Region Catchment Area: Upper Blythe To Confluence With Cole Reference: Npswqd010654 Permit Version: 1 Effective Date: 17th March 2010 Issued Date: 17th March 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of The River Blythe Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A15NE (N)	935	2	425607 277376
8	<p>Discharge Consents</p> <p>Operator: W E F Rankin Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Pool House Farm, Hob Lane, Balsall Common, Nr Covnetry Authority: Environment Agency, Midlands Region Catchment Area: Sowe Catchment Reference: T/11/02536/S Permit Version: 1 Effective Date: 24th June 1969 Issued Date: 24th June 1969 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Blythe (Trib) Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A8NE (E)	988	2	426300 276000
9	<p>Discharge Consents</p> <p>Operator: Mr & Mrs Pringle Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Redfern Barn Kenilworth Road, Meer End, Nr Kenilworth, Warwickshire, Cv8 1pt Authority: Environment Agency, Midlands Region Catchment Area: Upper Blythe To Confluence With Cole Reference: T/11/30163/S Permit Version: 1 Effective Date: 22nd September 1995 Issued Date: 22nd September 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Blythe Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A2SE (S)	994	2	425100 275000
10	<p>Integrated Pollution Prevention And Control</p> <p>Name: Summers Poultry Products Ltd Location: Northfields Farm Epr/Ap3538en, Northfield Farm, Kenilworth Road,,Balsall Common, COVENTRY, West Midlands, CV7 7HB Authority: Environment Agency, Midlands Region Permit Reference: AP3538EN Original Permit Ref: Ap3538en Effective Date: 30th May 2014 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y</p>	A6NW (SW)	458	2	424560 275910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p>Integrated Pollution Prevention And Control</p> <p>Name: Summers Poultry Products Ltd Location: Northfields Farm Epr/Ap3538en, 841, Kenilworth Road, Balsall Common,, Coventry, CV7 7HB Authority: Environment Agency, Midlands Region Permit Reference: PP3637AB Original Permit Ref: Ap3538en Effective Date: 17th September 2015 Status: Surrender Effective Application Type: Surrender App. Sub Type: Whole Positional Accuracy: Located by supplier to within 10m Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y</p>	A5NE (W)	588	2	424340 276220
	<p>Nearest Surface Water Feature</p>	A11SW (N)	0	-	425219 276370
12	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Stables Location: Rear Of Beanit Farm House, BALSALL COMMON Authority: Environment Agency, Midlands Region Pollutant: Organic Wastes: Other Note: Farm Effluent From Beanit Farm Stables; Amenity Affected Incident Date: 22nd August 1995 Incident Reference: 1700260 Catchment Area: Trent Catchment : Upper Blythe To Confluence With Cole Receiving Water: Watercourse Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A3NW (S)	484	2	425200 275500
13	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Stables Location: Beanit Farm, Balsall Common, COVENTRY Authority: Environment Agency, Midlands Region Pollutant: Organic Wastes: Other Note: Amenity Affected; Green Slurry From Farm To Ditch Incident Date: 22nd July 1998 Incident Reference: 2704551 Catchment Area: Trent Catchment : Upper Blythe To Confluence With Cole Receiving Water: Watercourse Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7SE (SE)	585	2	425800 275700
14	<p>Water Abstractions</p> <p>Operator: Mr W Hurst Licence Number: 03/28/11/0016 Permit Version: 100 Location: Beechwood Farm, Berkswell, Warwickshire Authority: Environment Agency, Midlands 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: Beechwood Farm, Berskswell, Warwickshire Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 3rd May 1968 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NE (N)	859	2	425600 277300
	<p>Water Abstractions</p> <p>Operator: Lavender Hall Fisheries Limited Licence Number: 03/28/11/0152 Permit Version: 101 Location: Lavender Hall Farm - Borehole Authority: Environment Agency, Midlands Region Abstraction: Aquaculture: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lavender Hall Farm, Lavender Hall Lane, Berkswell Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 16th November 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(NW)	1558	2	424320 277770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr J W Weaver Licence Number: 03/28/11/0152 Permit Version: 100 Location: Lavender Hall Farm - Borehole Authority: Environment Agency, Midlands Region Abstraction: Aquaculture: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lavender Hall Farm, Lavender Hall Lane, Berkswell Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st October 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NW)	1558	2	424320 277770
	Water Abstractions Operator: Mr P Fletcher Licence Number: 03/28/11/0046 Permit Version: 100 Location: Ram Hall Farm, Berkswell, Warwickshire Authority: Environment Agency, Midlands 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: Ram Hall Farm, Berkswell, Warwickshire Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st December 1965 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1918	2	424700 278300
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: >10m Superficial Thickness: Low Superficial Recharge:	A10SE (W)	0	3	425000 276243
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: 3-10m Superficial Thickness: Low Superficial Recharge:	A10SE (NW)	0	3	425158 276299

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A7NW (S)	0	3	425197 276000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: Low	A11SW (N)	0	3	425197 276243
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A10SE (W)	0	3	425000 276243
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A11SW (N)	0	3	425197 276243
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A11SW (N)	0	3	425197 276243
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A10SE (W)	0	3	425000 276243
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A10SE (NW)	0	3	425158 276299
	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				
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (SE)	0	4	425323 276158

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (S)	0	4	425203 276171
17	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 11.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (SE)	0	4	425321 276170
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (S)	0	4	425199 276172
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (S)	0	4	425189 276173
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (SE)	4	4	425323 276159
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10SE (NW)	102	4	425058 276516
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10SE (NW)	115	4	424944 276419
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 462.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (SE)	154	4	425407 275883
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (SE)	154	4	425417 275891

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (SE)	158	4	425458 275972
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (SE)	158	4	425478 276032
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (SE)	171	4	425501 276086
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10SE (NW)	176	4	424944 276492
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10SE (NW)	183	4	424940 276500
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10SE (NW)	183	4	424940 276500
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 180.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NE (E)	214	4	425548 276185
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NE (NW)	235	4	424931 276582
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	A10NE (NW)	235	4	424931 276582

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	A10NE (NW)	250	4	424919 276591
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NE (NW)	296	4	424900 276638
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 143.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NE (NW)	303	4	424897 276644
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11SE (E)	315	4	425719 276457
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11SE (E)	321	4	425725 276453
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A6SE (S)	328	4	425120 275692
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 210.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7SW (S)	328	4	425348 275655
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7SW (S)	332	4	425206 275653
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7SW (S)	340	4	425238 275640

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 203.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7SE (SE)	356	4	425581 275779
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 149.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7SW (S)	376	4	425231 275604
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 371.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11NE (NE)	396	4	425598 276809
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 163.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7SW (SE)	424	4	425470 275595
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 163.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NE (NW)	430	4	424854 276775
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NE (NW)	432	4	424848 276771
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NE (NW)	433	4	424840 276767
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NE (NW)	434	4	424836 276765
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NW (NW)	455	4	424761 276723

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NW (NW)	457	4	424757 276720
53	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 19.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10NW (NW)	458	4	424756 276720
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (N)	507	4	424929 276900
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (N)	508	4	424931 276902
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 419.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A3NW (S)	521	4	425254 275457
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A3NW (S)	549	4	425413 275443
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	554	4	425340 277014
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A3NW (S)	555	4	425411 275437
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	559	4	425342 277019

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A6SW (SW)	562	4	424682 275677
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	575	4	425326 277034
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	578	4	425322 277036
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 241.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (N)	593	4	425151 277035
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	593	4	425172 277036
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (NW)	596	4	424884 276978
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 126.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5NE (W)	600	4	424327 276181
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	603	4	425223 277051
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	604	4	425229 277053

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	613	4	425280 277067
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 314.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (N)	623	4	424929 277022
72	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	626	4	425310 277083
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 179.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	636	4	425311 277093
74	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 15.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5NE (W)	668	4	424272 276053
75	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 12.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5NE (W)	674	4	424262 276075
76	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5NE (W)	677	4	424260 276063
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5NE (W)	680	4	424259 276056
78	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 19.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5NE (W)	683	4	424257 276049

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5NE (W)	683	4	424277 275973
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5NE (W)	694	4	424275 275946
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5NE (W)	696	4	424268 275959
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5NE (W)	731	4	424253 275901
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A2NW (SW)	751	4	424581 275516
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (W)	757	4	424244 275857
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	765	4	425425 277228
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	768	4	425428 277232
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NW (N)	780	4	425439 277243

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NW (N)	796	4	425458 277258
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (SW)	801	4	424218 275811
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 164.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A2NW (SW)	805	4	424563 275464
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (SW)	807	4	424239 275762
92	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (SW)	809	4	424228 275776
93	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (SW)	809	4	424228 275776
94	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (SW)	809	4	424229 275775
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (SW)	810	4	424228 275775
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (SW)	811	4	424228 275772

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (SW)	812	4	424213 275797
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (SW)	814	4	424226 275770
99	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 28.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NW (N)	840	4	425502 277298
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (SW)	843	4	424213 275736
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (SW)	847	4	424211 275731
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NE (N)	858	4	425526 277313
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NE (N)	872	4	425549 277323
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 241.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A8SW (SE)	875	4	426143 275758
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 238.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (SW)	894	4	424170 275708

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (SW)	894	4	424170 275708
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NE (N)	913	4	425594 277357
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 210.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14NE (N)	919	4	424889 277318
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NE (N)	919	4	425595 277362
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NE (N)	923	4	425597 277366
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A2SE (S)	926	4	425154 275060
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 180.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A2SE (S)	931	4	425143 275057
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A8SE (SE)	937	4	426183 275685
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A8SE (SE)	939	4	426184 275681

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A2NW (SW)	967	4	424503 275311
116	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 25.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A8SE (E)	976	4	426267 275837
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NE (N)	994	4	425657 277424
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 404.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A2SE (S)	995	4	424882 275055
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NE (N)	1000	4	425661 277430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Solihull Metropolitan District Council - Has supplied landfill data		0	5	425197 276243
	Local Authority Landfill Coverage Name: Warwick District Council - Has no landfill data to supply		976	6	426092 275430
	Local Authority Landfill Coverage Name: Warwickshire County Council - Had landfill data but passed it to the relevant environment agency		976	7	426092 275430
120	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A6SE (SW)	298	-	424928 275838
121	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7NW (S)	0	-	425209 276091
122	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7NW (S)	0	-	425260 276040
123	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7NW (SE)	6	-	425308 276097
124	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A11NW (N)	226	-	425381 276688
125	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A10SW (W)	376	-	424553 276228
126	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A6SW (SW)	449	-	424632 275845
127	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A2NE (SW)	626	-	424834 275512
128	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12NW (NE)	633	-	425995 276693
129	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12NW (NE)	702	-	426048 276742
130	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A16SW (NE)	758	-	425923 277016
131	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9SE (W)	771	-	424172 276370
132	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A15SE (NE)	803	-	425824 277148
133	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SE (E)	862	-	426265 276454
134	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9NE (NW)	867	-	424273 276809
135	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SE (E)	935	-	426335 276390
136	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13SE (NW)	974	-	424378 277072

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A11SW (N)	0	1	425197 276243
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A11SW (N)	0	1	425197 276243
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 20 - 40 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A10SE (NW)	0	1	425158 276299
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (N)	131	1	425062 276587
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A7SW (SE)	154	1	425381 275856
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11SE (NE)	159	1	425587 276464
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11NE (NE)	199	1	425569 276575

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 20 - 40 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A10SE (NW)	206	1	424941 276553
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 20 - 40 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A7NE (E)	418	1	425732 276083
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A10NE (N)	464	1	424943 276860
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 20 - 40 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A2NW (SW)	786	1	424620 275453
137	BGS Recorded Mineral Sites Site Name: Balsall Windmill Location: Balsall Common, Solihull, West Midlands Source: British Geological Survey, National Geoscience Information Service Reference: 39320 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	309	1	424926 275826
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A11SW (N)	0	8	425197 276243
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A11SW (N)	0	-	425197 276243

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	1	425000 276243
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (N)	0	1	425197 276243
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7SW (SE)	154	1	425381 275856
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (N)	0	1	425197 276243
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	1	425000 276243
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A7SW (SE)	154	1	425381 275856
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	1	425000 276243
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (N)	0	1	425197 276243
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	1	425000 276243
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (N)	0	1	425197 276243
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (N)	0	1	425197 276243
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	1	425000 276243
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (N)	131	1	425062 276587
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A7SW (SE)	154	1	425381 275856
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (NW)	189	1	425000 276582
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	1	425000 276243
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (NW)	0	1	425158 276299
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SW (N)	0	1	425197 276243
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (NW)	31	1	425000 276353
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (N)	131	1	425062 276587

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A6NW (W)	141	1	424785 276176
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7SW (SE)	154	1	425381 275856
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (NW)	189	1	425000 276582
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	199	1	425569 276575
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	1	425000 276243
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11SW (N)	0	1	425197 276243
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	1	425000 276243
	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	A11SW (N)	0	1	425197 276243

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	<p>Contemporary Trade Directory Entries</p> <p>Name: Tungsten Engineering Ltd Location: Pheasant Oak Farm, Hob Lane, Balsall Common, Coventry, CV7 7GX Classification: Sheet Metal Work Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7NW (S)	27	-	425167 276064
138	<p>Contemporary Trade Directory Entries</p> <p>Name: Flame Tamers Location: PHEASANT OAK FARM, HOB LANE, BALSALL COMMON, BURTON GREEN, COVENTRY, CV7 7GX Classification: Fireplaces & Mantelpieces Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7NW (S)	27	-	425167 276064
139	<p>Contemporary Trade Directory Entries</p> <p>Name: Iron Maiden'S Location: 3, Wellfield Close, Balsall Common, Coventry, CV7 7SZ Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A6NW (W)	108	-	424820 276198
140	<p>Contemporary Trade Directory Entries</p> <p>Name: Napier Recovery Systems Ltd Location: 3, The Dell, Windmill Lane, Balsall Common, COVENTRY, CV7 7GY Classification: Shredding Equipment & Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A6SE (SW)	286	-	424946 275841
141	<p>Contemporary Trade Directory Entries</p> <p>Name: Super Jet Cleaning Services Location: South Fields FM, Coventry, West Midlands, CV7 7HB Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A6NW (SW)	450	-	424568 275912
142	<p>Contemporary Trade Directory Entries</p> <p>Name: Rope & Packaging Supplies Ltd Location: 19, Clive Road, Balsall Common, Coventry, CV7 7DW Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9SE (W)	643	-	424332 276475
143	<p>Contemporary Trade Directory Entries</p> <p>Name: F Dubbley Location: Glendale Farm, Kenilworth Road, Balsall Common, Coventry, West Midlands, CV7 7HA Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A2NW (SW)	769	-	424588 275491
144	<p>Contemporary Trade Directory Entries</p> <p>Name: Motor Warehouse Ltd Location: 668, Kenilworth Road, Balsall Common, Coventry, CV7 7DY Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9SE (W)	780	-	424169 276404
145	<p>Contemporary Trade Directory Entries</p> <p>Name: Evesons Fuels Ltd Location: Eveson House, Birmingham Road, Kenilworth, Warwickshire, CV8 1PT Classification: Oil Fuel Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A2SE (S)	820	-	425117 275174
146	<p>Contemporary Trade Directory Entries</p> <p>Name: M H C Engineering Ltd Location: 654, Kenilworth Road, Balsall Common, Coventry, CV7 7DY Classification: Gate Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9SW (W)	827	-	424146 276498
147	<p>Contemporary Trade Directory Entries</p> <p>Name: Hampton Utilities Location: Meeting House La, Balsall Common, Coventry, West Midlands, CV7 7GD Classification: Precious Metal Recovery Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A9NE (NW)	906	-	424238 276828

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
148	Contemporary Trade Directory Entries Name: Race Brakes Uk Ltd Location: White Cottage Farm, Holly Lane, Balsall Common, Coventry, CV7 7EA Classification: Brake & Clutch Service Centres Status: Active Positional Accuracy: Automatically positioned to the address	A5SW (W)	925	-	424072 275831
149	Contemporary Trade Directory Entries Name: C M E (Uk) Ltd Location: 15, Beverley Close, Balsall Common, Coventry, CV7 7GA Classification: Electrical Appliance Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (NW)	973	-	424447 277140
150	Contemporary Trade Directory Entries Name: Redfern Stained Glass Ltd Location: Redfern Farm, Birmingham Road, Kenilworth, Warwickshire, CV8 1PT Classification: Stained Glass Designers & Producers Status: Inactive Positional Accuracy: Automatically positioned to the address	A3SW (S)	974	-	425166 275009
151	Contemporary Trade Directory Entries Name: Award Ribbons Location: Bramley Cottage, Hodgetts Lane, Berkswell, Coventry, CV7 7DH Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A15NE (NE)	992	-	425705 277409
152	Fuel Station Entries Name: Balsall Common Service Station Location: 688, Kenilworth Road , Balsall Common , Coventry, West Midlands, CV7 7DN Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the road within the address or location	A9SE (W)	620	-	424308 276223
153	Points of Interest - Commercial Services Name: Tungsten Engineering Ltd Location: Pheasant Oak Farm, Hob Lane, Burton Green, Solihull, CV7 7GX Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A7NW (S)	27	9	425167 276064
154	Points of Interest - Commercial Services Name: Napier Recovery Systems Ltd Location: 3 The Dell, Windmill Lane, Balsall Common, Coventry, CV7 7GY Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A6SE (SW)	320	9	424933 275809
155	Points of Interest - Commercial Services Name: F Dubbley Location: Glendale Farm, Kenilworth Road, Balsall Common, Coventry, CV7 7HA Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A2NW (SW)	769	9	424588 275491
155	Points of Interest - Commercial Services Name: F Dubberley & Son Metals Ltd Location: Glendale Farm, Kenilworth Road, Balsall Common, Coventry, CV7 7HA Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A2NW (SW)	769	9	424588 275491
155	Points of Interest - Commercial Services Name: F Dubberley & Son Metals Ltd Location: Glendale Farm, Kenilworth Road, Balsall Common, Solihull, CV7 7HA Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A2NW (SW)	792	9	424532 275498
156	Points of Interest - Commercial Services Name: Race Brakes UK Ltd Location: White Cottage Farm, Holly Lane, Balsall Common, Solihull, CV7 7EA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A5SW (W)	925	9	424072 275831
157	Points of Interest - Manufacturing and Production Name: Adlington Location: Pheasant Oak Farm, Hob Lane, Burton Green, Solihull, CV7 7GX Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to address or location	A7NW (S)	27	9	425167 276064

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
158	Points of Interest - Manufacturing and Production Name: Turkey Talk Location: Beanit Farm, Hob Lane, Balsall Common, Coventry, CV7 7GX Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to address or location	A7SE (SE)	490	9	425770 275857
159	Points of Interest - Manufacturing and Production Name: W B Coton Location: Barretts Lane, Balsall Common, Coventry, CV7 7GB Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A10NW (NW)	544	9	424652 276734
159	Points of Interest - Manufacturing and Production Name: W B Coton Location: Barretts Lane, Balsall Common, Coventry, CV7 7GB Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A10NW (NW)	544	9	424652 276734
159	Points of Interest - Manufacturing and Production Name: Tank Location: CV7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A10NW (NW)	547	9	424683 276772
160	Points of Interest - Manufacturing and Production Name: Tank Location: CV8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A2SE (S)	810	9	425125 275182
160	Points of Interest - Manufacturing and Production Name: Tanks Location: CV8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A2SE (S)	814	9	425090 275186
161	Points of Interest - Manufacturing and Production Name: Tank Location: CV8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SE (E)	948	9	426352 276482
162	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: CV7 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7SW (S)	114	9	425347 275882

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
163	Areas of Adopted Green Belt Authority: Warwick District Council Plan Name: Warwick Local Plan 2011 - 2029 Status: Adopted Plan Date: 20th September 2017	A4NW (SE)	979	11	426098 275432
164	Nitrate Vulnerable Zones Name: River Trent (Source To Confluence With Derwent) Nvz Description: Surface Water Source: Environment Agency, Head Office	A11SW (N)	0	3	425197 276243
165	Nitrate Vulnerable Zones Name: Coventry Description: Groundwater Source: Environment Agency, Head Office	A11SE (NE)	144	3	425547 276445
166	Nitrate Vulnerable Zones Name: River Avon (To Confluence With River Severn) Nvz Description: Surface Water Source: Environment Agency, Head Office	A7NE (E)	466	3	425835 276195

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Solihull Metropolitan Borough Council - Environmental Health Department Warwick District Council - Environmental Services Coventry City Council - Environmental Health Department North Warwickshire Borough Council - Environmental Health Department	June 2020 October 2017 October 2017 September 2017 September 2017	Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Midlands Region	April 2022	Quarterly
Enforcement and Prohibition Notices Environment Agency - Midlands Region	March 2013	
Integrated Pollution Controls Environment Agency - Midlands Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Midlands Region	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control Warwick District Council - Environmental Services Coventry City Council - Environmental Health Department Solihull Metropolitan Borough Council - Environmental Health Department North Warwickshire Borough Council - Environmental Health Department	April 2016 August 2014 August 2014 September 2014	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Warwick District Council - Environmental Services Solihull Metropolitan Borough Council - Environmental Health Department Coventry City Council - Environmental Health Department North Warwickshire Borough Council - Environmental Health Department	April 2016 August 2014 August 2014 September 2014	Annual Rolling Update Annual Rolling Update Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Warwick District Council - Environmental Services Coventry City Council - Environmental Health Department Solihull Metropolitan Borough Council - Environmental Health Department North Warwickshire Borough Council - Environmental Health Department	April 2016 August 2014 August 2014 September 2014	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	March 2022	
Pollution Incidents to Controlled Waters Environment Agency - Midlands Region	December 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Midlands Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Midlands Region	March 2013	
Registered Radioactive Substances Environment Agency - Midlands Region	June 2016	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - Upper Trent Area	April 2022 April 2022 April 2022	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Midlands Region	April 2022	Quarterly

Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - Midlands Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2022	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2022	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2022	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2022	Quarterly
Flood Defences Environment Agency - Head Office	February 2022	Quarterly
OS Water Network Lines Ordnance Survey	April 2022	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified



Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Midlands Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - Upper Trent Area	April 2022 April 2022 April 2022	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - Upper Trent Area	April 2022 April 2022 April 2022	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Coventry City Council - Planning Department North Warwickshire Borough Council - Environmental Health Department Solihull Metropolitan Borough Council Warwick District Council - Environmental Services Warwickshire County Council	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Coventry City Council - Planning Department North Warwickshire Borough Council - Environmental Health Department Solihull Metropolitan Borough Council Warwick District Council - Environmental Services Warwickshire County Council	October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - Upper Trent Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - Upper Trent Area	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - Upper Trent Area	June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Coventry City Council - Planning Department Solihull Metropolitan Borough Council North Warwickshire Borough Council - Planning Administration Warwick District Council Warwickshire County Council	February 2016 February 2016 January 2016 January 2016 July 2007	Variable Variable Variable Variable Annual Rolling Update
Planning Hazardous Substance Consents Coventry City Council - Planning Department Solihull Metropolitan Borough Council North Warwickshire Borough Council - Planning Administration Warwick District Council Warwickshire County Council	February 2016 February 2016 January 2016 January 2016 July 2007	Variable Variable Variable Variable Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	March 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2022	Quarterly
Points of Interest - Education and Health PointX	June 2022	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2022	Quarterly
Points of Interest - Public Infrastructure PointX	June 2022	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2022	Quarterly
Underground Electrical Cables National Grid	May 2021	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Coventry City Council North Warwickshire Borough Council - Planning Administration Solihull Metropolitan Borough Council Warwick District Council	October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Coventry City Council North Warwickshire Borough Council - Planning Administration Solihull Metropolitan Borough Council Warwick District Council	October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Solihull Metropolitan Borough Council P O Box 19, Council House, Solihull, West Midlands, B91 3QT	Telephone: 0121 704 6000 Fax: 0121 704 6404 Website: www.solihull.gov.uk
6	Warwick District Council - Environmental Services PO Box 2176, Riverside House, Milverton Hill, Royal Leamington Spa, Warwickshire, CV32 5QF	Telephone: 01926 450000 Fax: 01926 451602 Website: www.warwickdc.gov.uk
7	Warwickshire County Council PO Box 43, Shire Hall, Warwick, Warwickshire, CV34 4SX	Telephone: 01926 410410 Website: www.warwickshire.gov.uk
8	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
9	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
10	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
11	Warwick District Council 1 Warwick New Road, Leamington Spa, Warwickshire, CV32 5JD	Telephone: 01926 450000 Fax: 01926 451602 Website: www.warwickdc.gov.uk
12	Coventry City Council Tower Block, Much Park Street, Coventry, West Midlands, CV1 2PY	Telephone: 024 7683 3333 Fax: 024 7622 0432 Website: www.coventry.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	-285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		Marsh
	Bracken		Heath
	Rough Grassland		Reeds
	Saltings		Building
	Glasshouse		Sloping Masonry
	Pylon		Electricity Transmission Line
	Pole		
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

1:10,000 Raster Mapping

	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	MHW(S) Mean high water (springs)		MLW(S) Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building

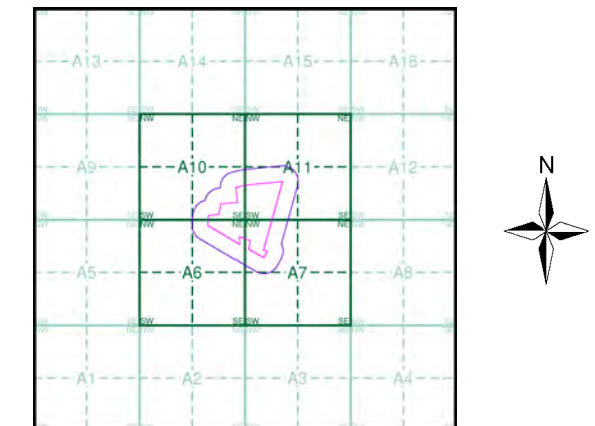
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Warwickshire	1:10,560	1886 - 1887	3
Warwickshire	1:10,560	1905	4
Warwickshire	1:10,560	1905	5
Warwickshire	1:10,560	1926	6
Warwickshire	1:10,560	1926	7
Warwickshire	1:10,560	1937 - 1938	8
Historical Aerial Photography	1:10,560	1949	9
Ordnance Survey Plan	1:10,000	1955	10
Ordnance Survey Plan	1:10,000	1967 - 1968	11
Coventry	1:10,000	1972	12
Ordnance Survey Plan	1:10,000	1973 - 1977	13
Ordnance Survey Plan	1:10,000	1982 - 1988	14
Ordnance Survey Plan	1:10,000	1986	15
Ordnance Survey Plan	1:10,000	1993	16
10K Raster Mapping	1:10,000	1999	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2021	19

Historical Map - Slice A



Order Details

Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
 Slice: A
 Site Area (Ha): 12.47
 Search Buffer (m): 1000

Site Details

Site at, Balsall Common, Solihull

Landmark
 INFORMATION GROUP

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

Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale

	Government and Administrative Buildings		Military and Industrial Buildings
	Military and Communication Areas		Subway Entrance
	Fireproof Building		Prominent Fireproof Building
	Non-fireproof Building		Non-fireproof Building (non-dwelling)
	Factory, mill, and flour mill, with chimneys		Factory, mill, and flour mill, without chimneys
	Power Station, drawn to scale		Hydroelectric Power Station
	Radio Station, drawn to scale		Telephone Station, drawn to scale
	Abandoned Open-pit Mine or Quarry		Open-pit Salt Mine
	Pit		Oil Deposit or Well
	Oil Seepage		Natural Gas Tank
	Tailings Pile		Fuel Storage Tanks
	Bench Mark		Drill Hole
	Burial Mound		Triangulation Point on Burial Mound
	Single-track Railroad		Double-track Railroad
	Railroad and Station Building		Small Bridge
	Tunnel		Pipe (Culvert)
	Coniferous Forest		Deciduous Forest
	Mixed Forest		Lawns
	Citrus Orchard		Wet Ground
	Scattered Vegetation		

243,8 Values for prominent elevations
186.0 Numbers for spot elevations, depth soundings, contour lines, etc.
0,2 Velocity of the current, width of river bed, depth of river
180/12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

	Government and Administrative Buildings		Military and Industrial Buildings
	Military and Communication Areas		Subway Entrance
	Partly Demolished Buildings		Demolished Buildings
	Built-Up Area with Fireproof Buildings Predominant		Built-Up Area with Non-Fireproof Buildings Predominant
	Individual Fireproof Building		Prominent Industrial Building
	Individual Dwelling, Fireproof		Ruins of an Individual Dwelling
	Factory or Mill Chimney		Factory or Mill with Chimney
	Factory or Mill without Chimney		Salt Mine
	Operating Shaft or Mine		Non-Operating Shaft or Mine
	Tailings Pile		Gas Pump or Service Station
	Fuel Storage or Natural Gas Tank		Oil or Natural Gas Derrick
	Small Hydroelectric Power Station		Power Station
	Transformer Station		Cemetery
	Burial Mound (height in metres)		Triangulation Point on Burial Mound
	Triangulation Point		Bench Mark
	Bench Mark (monumented)		Telegraph Office
	Telephone Station		Radio Station
	Radio Tower		Airfield or Seaplane Base
	Landing Strip		Cut
	Fill		Km Post
	Plantings		Width of Road
	Steep Grade		Telegraph/Telephone Lines
	Main Highway		Highway under Construction
	Improved Dirt Road (former truck road)		Small Bridge
	Pipe (Culvert)		Tunnel
	Dismantled Railroad		Double-track Railroad with First Class Station
	Railroad Under Construction		Shore Embankment
	River or Ditch with Embankment		Water Gauge
	Direction and velocity of current		Water Level Mark
	Well		Water Reservoir or Rain Water Pit
	Spring		Isobath with value
	Heavy (Index) Contour Line		Contour Line and Value
	Half Contour Line		Spot Elevation Value
	Coniferous		Deciduous
	Mixed		Scrub

Key to Numbers on Mapping

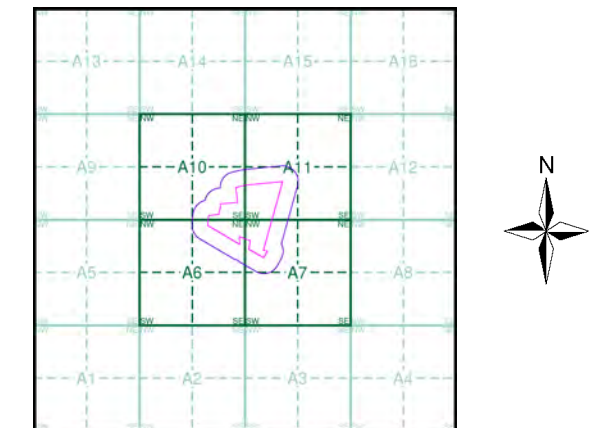
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Warwickshire	1:10,560	1886 - 1887	3
Warwickshire	1:10,560	1905	4
Warwickshire	1:10,560	1905	5
Warwickshire	1:10,560	1926	6
Warwickshire	1:10,560	1926	7
Warwickshire	1:10,560	1937 - 1938	8
Historical Aerial Photography	1:10,560	1949	9
Ordnance Survey Plan	1:10,000	1955	10
Ordnance Survey Plan	1:10,000	1967 - 1968	11
Coventry	1:10,000	1972	12
Ordnance Survey Plan	1:10,000	1973 - 1977	13
Ordnance Survey Plan	1:10,000	1982 - 1988	14
Ordnance Survey Plan	1:10,000	1986	15
Ordnance Survey Plan	1:10,000	1993	16
10K Raster Mapping	1:10,000	1999	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2021	19

Russian Map - Slice A



Order Details

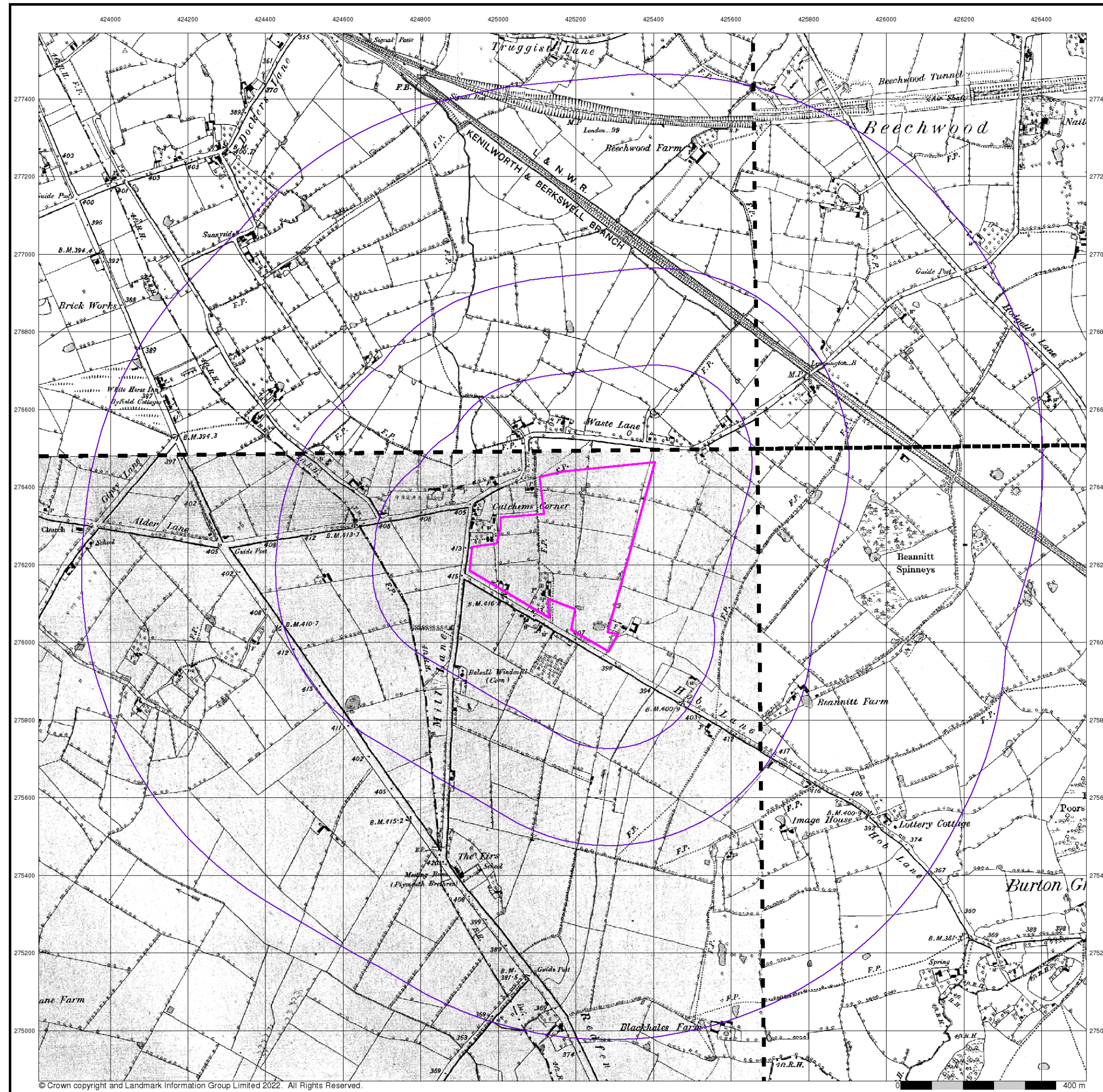
Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
 Slice: A
 Site Area (Ha): 12.47
 Search Buffer (m): 1000

Site Details

Site at, Balsall Common, Solihull

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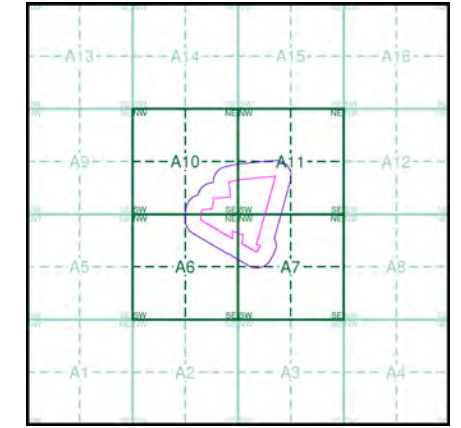
Warwickshire
Published 1886 - 1887
Source map scale - 1:10,560

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)

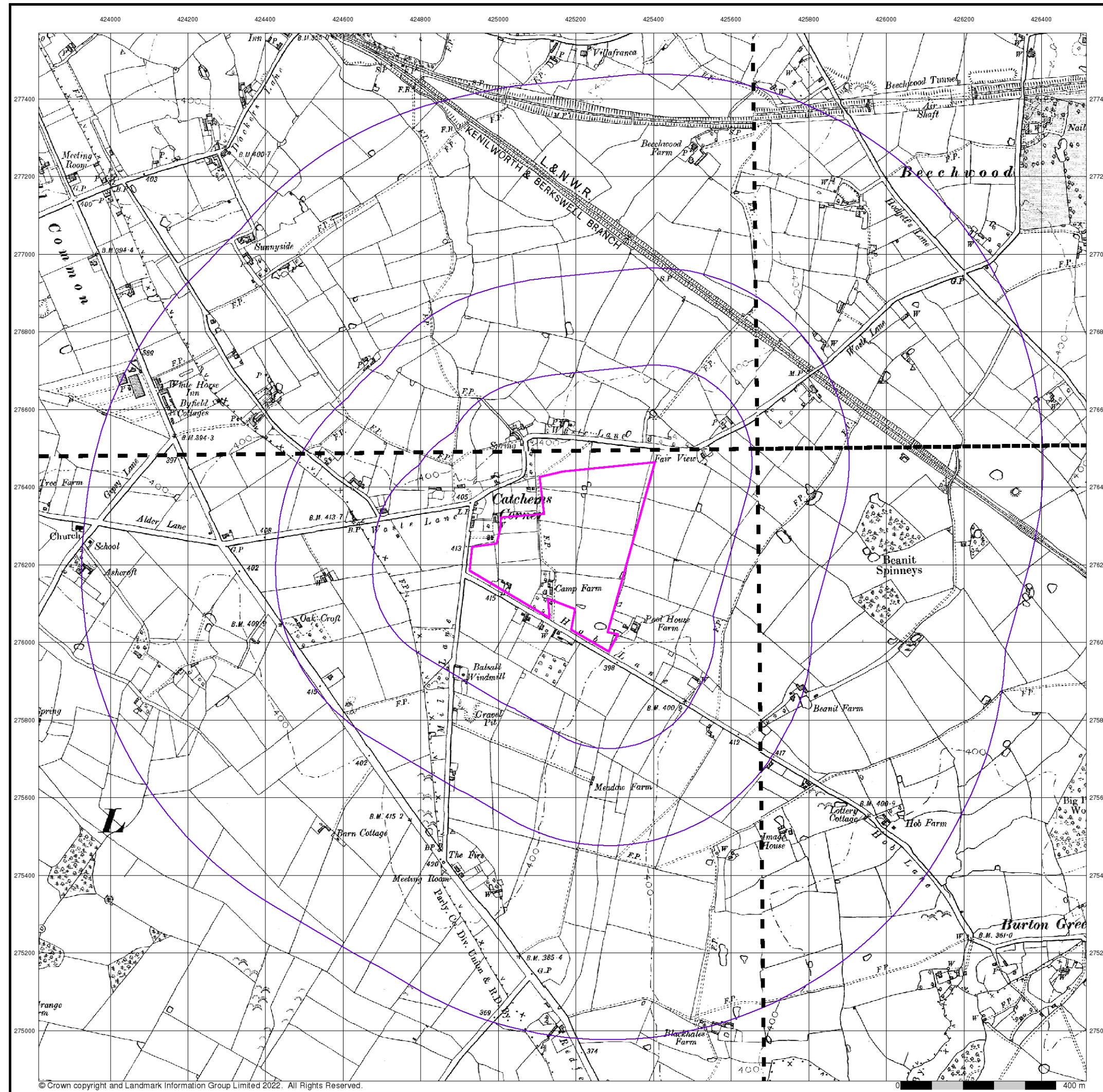
020SE 1886 1:10,560	021SW 1887 1:10,560
025NE 1886 1:10,560	026NW 1886 1:10,560

Historical Map - Slice A



Order Details
 Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
 Slice: A
 Site Area (Ha): 12.47
 Search Buffer (m): 1000

Site Details
 Site at, Balsall Common, Solihull



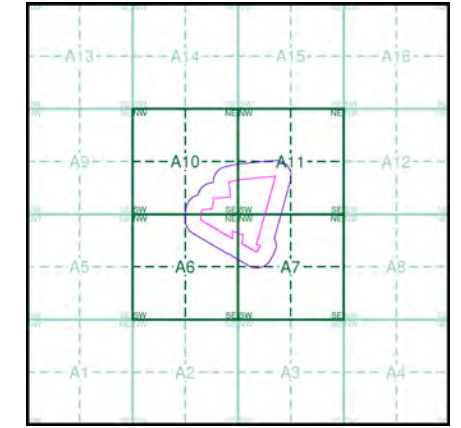
Warwickshire
Published 1905
Source map scale - 1:10,560

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)

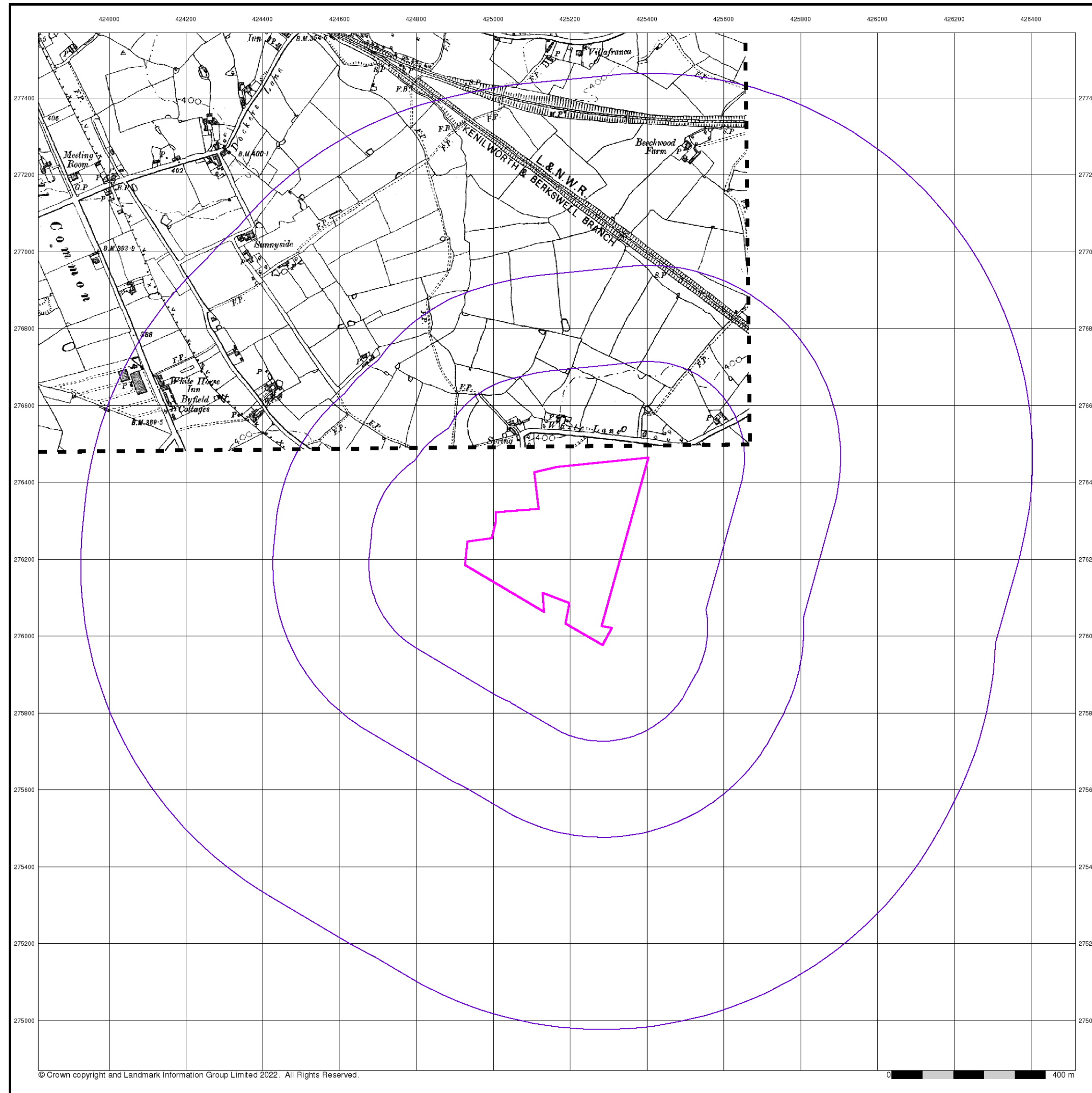
020SE 1905 1:10,560	021SW 1905 1:10,560
025NE 1905 1:10,560	026NW 1905 1:10,560

Historical Map - Slice A



Order Details
 Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
 Slice: A
 Site Area (Ha): 12.47
 Search Buffer (m): 1000

Site Details
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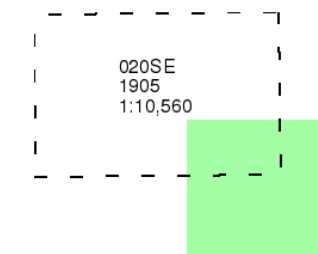
Warwickshire

Published 1905

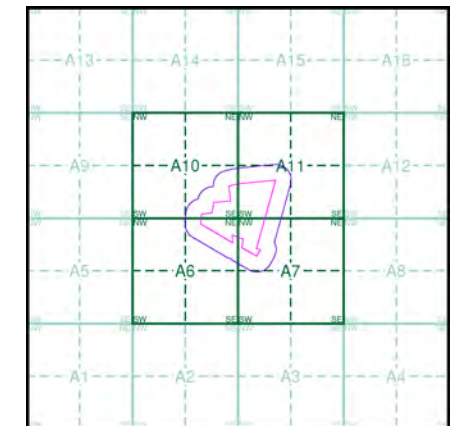
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

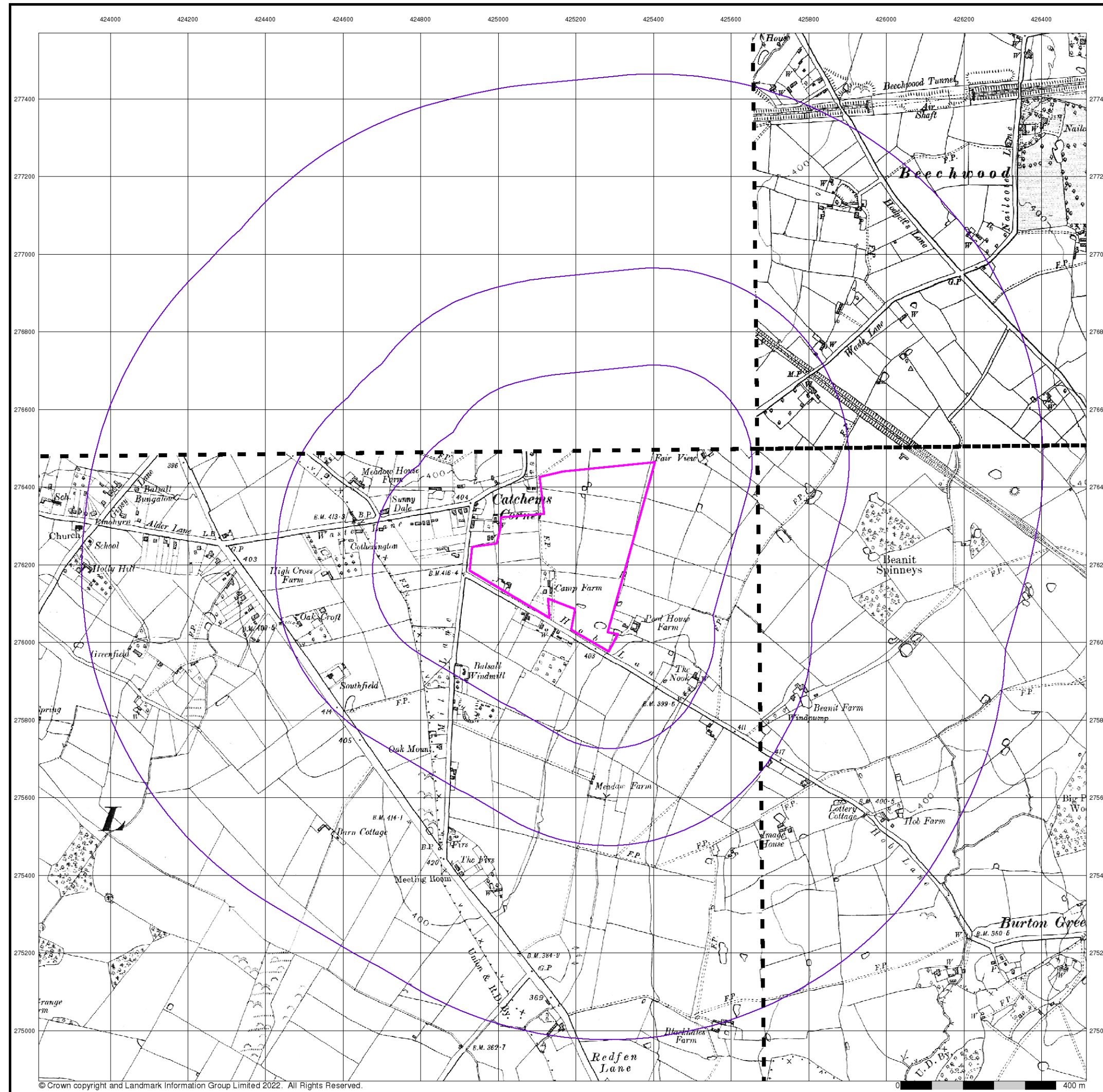
Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
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Site Details

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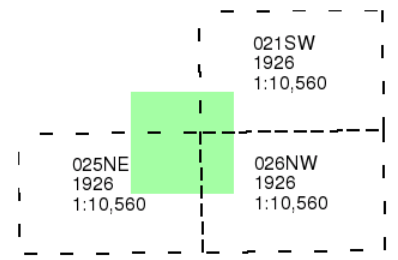
Tel: 0844 844 9952
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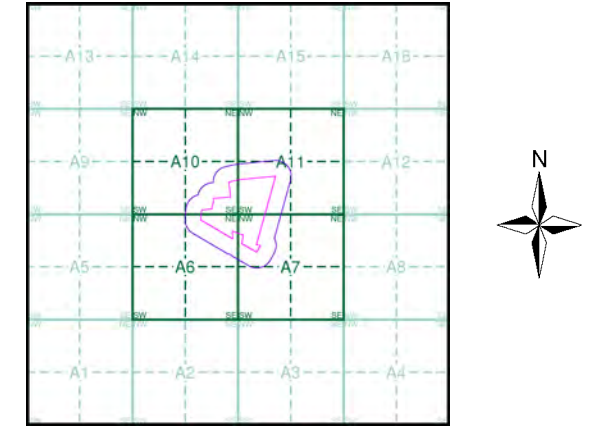
Warwickshire
Published 1926
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

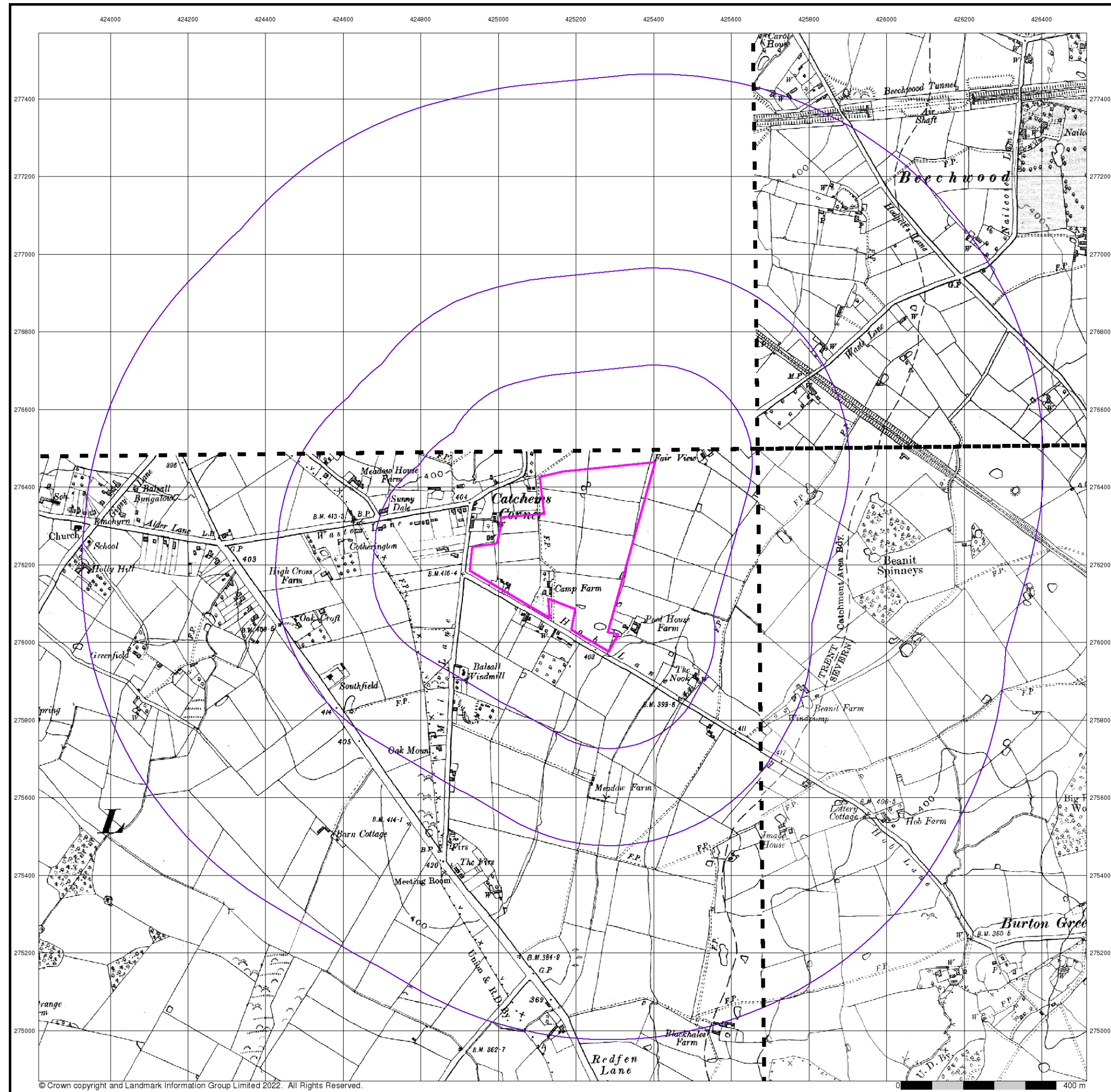


Historical Map - Slice A



Order Details
 Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
 Slice: A
 Site Area (Ha): 12.47
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Site Details
 Site at, Balsall Common, Solihull



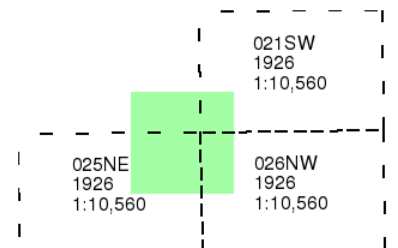
Warwickshire

Published 1926

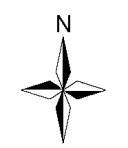
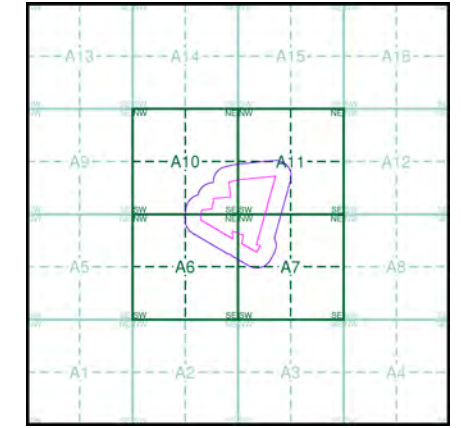
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

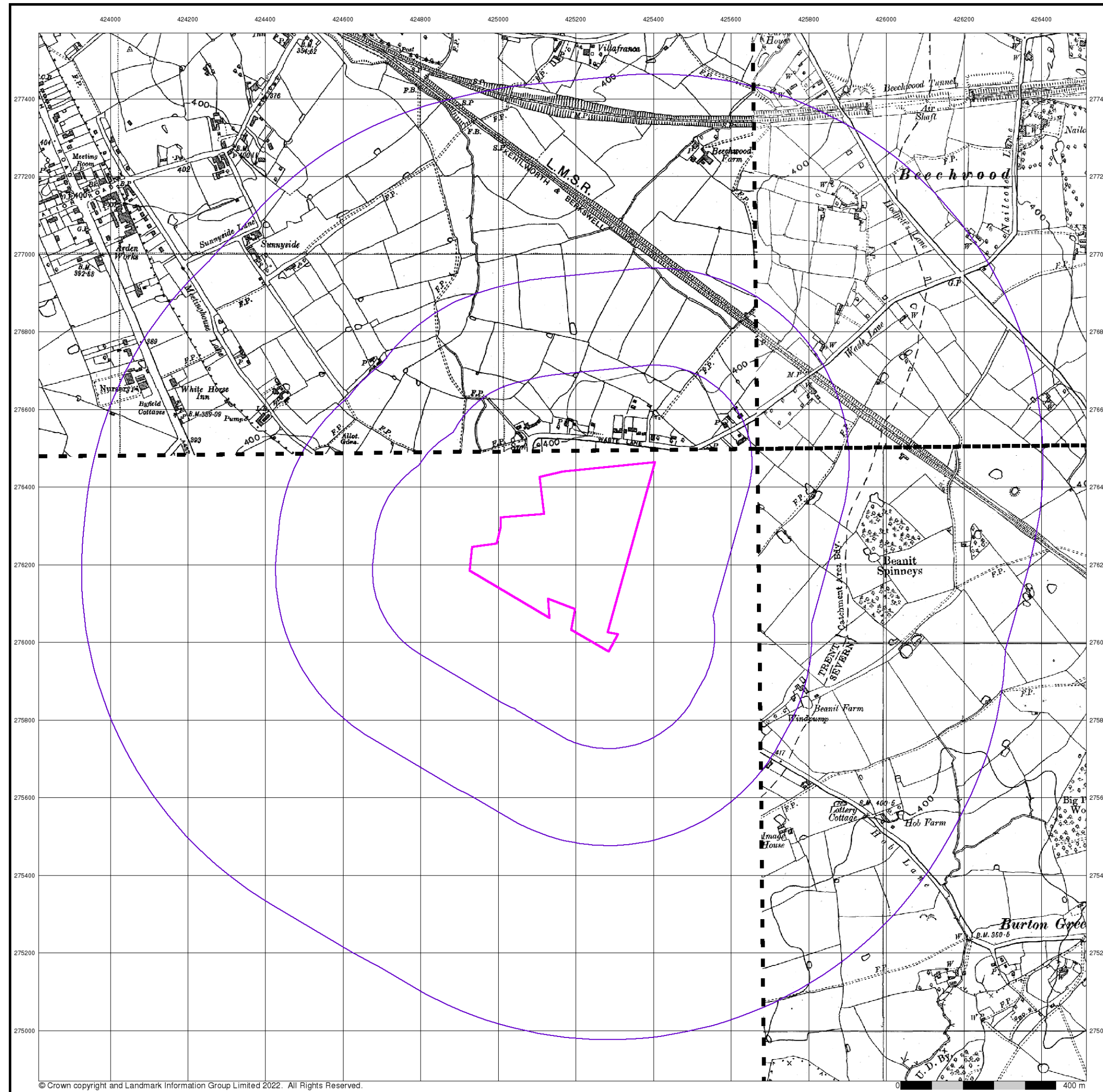


Order Details

Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
 Slice: A
 Site Area (Ha): 12.47
 Search Buffer (m): 1000

Site Details

Site at, Balsall Common, Solihull



Warwickshire

Published 1937 - 1938

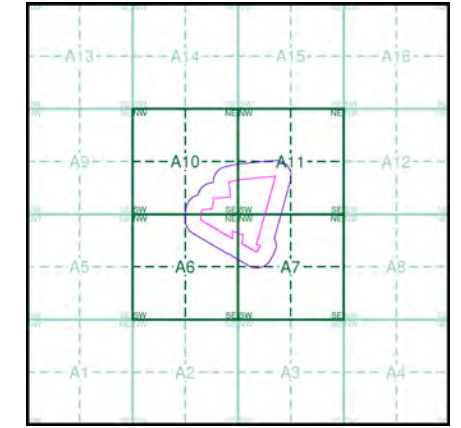
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

020SE 1937 1:10,560	021SW 1938 1:10,560
	026NW 1938 1:10,560

Historical Map - Slice A



Order Details

Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
 Slice: A
 Site Area (Ha): 12.47
 Search Buffer (m): 1000

Site Details

Site at, Balsall Common, Solihull

Historical Aerial Photography

Published 1949

Source map scale - 1:10,560

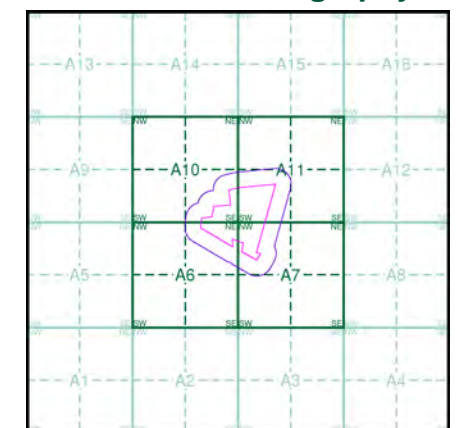
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 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.

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Map Name(s) and Date(s)

SP27NW 1949 1:10,560	SP27NE 1949 1:10,560
SP27SE 1949 1:10,560	

Historical Aerial Photography - Slice A

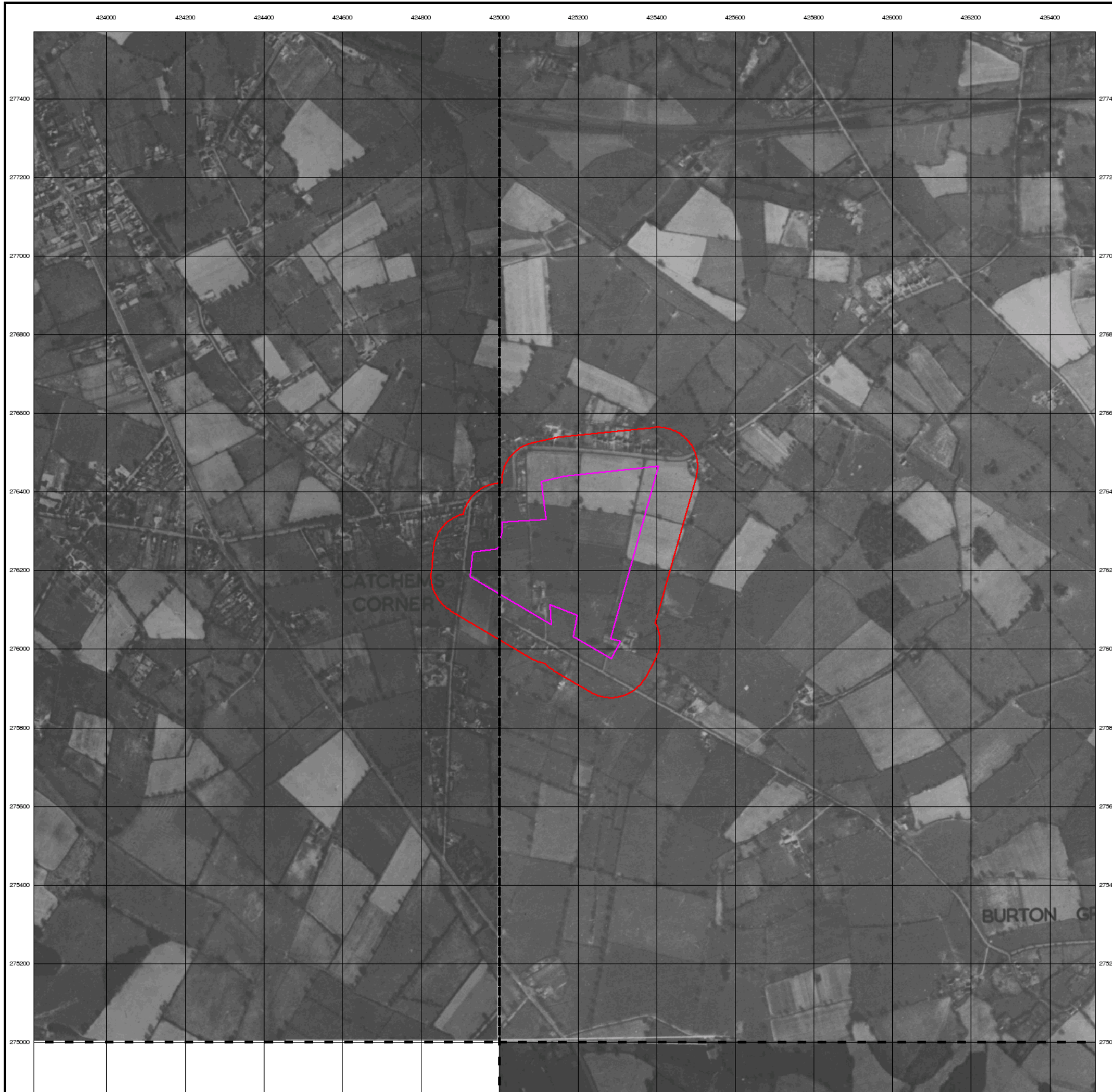


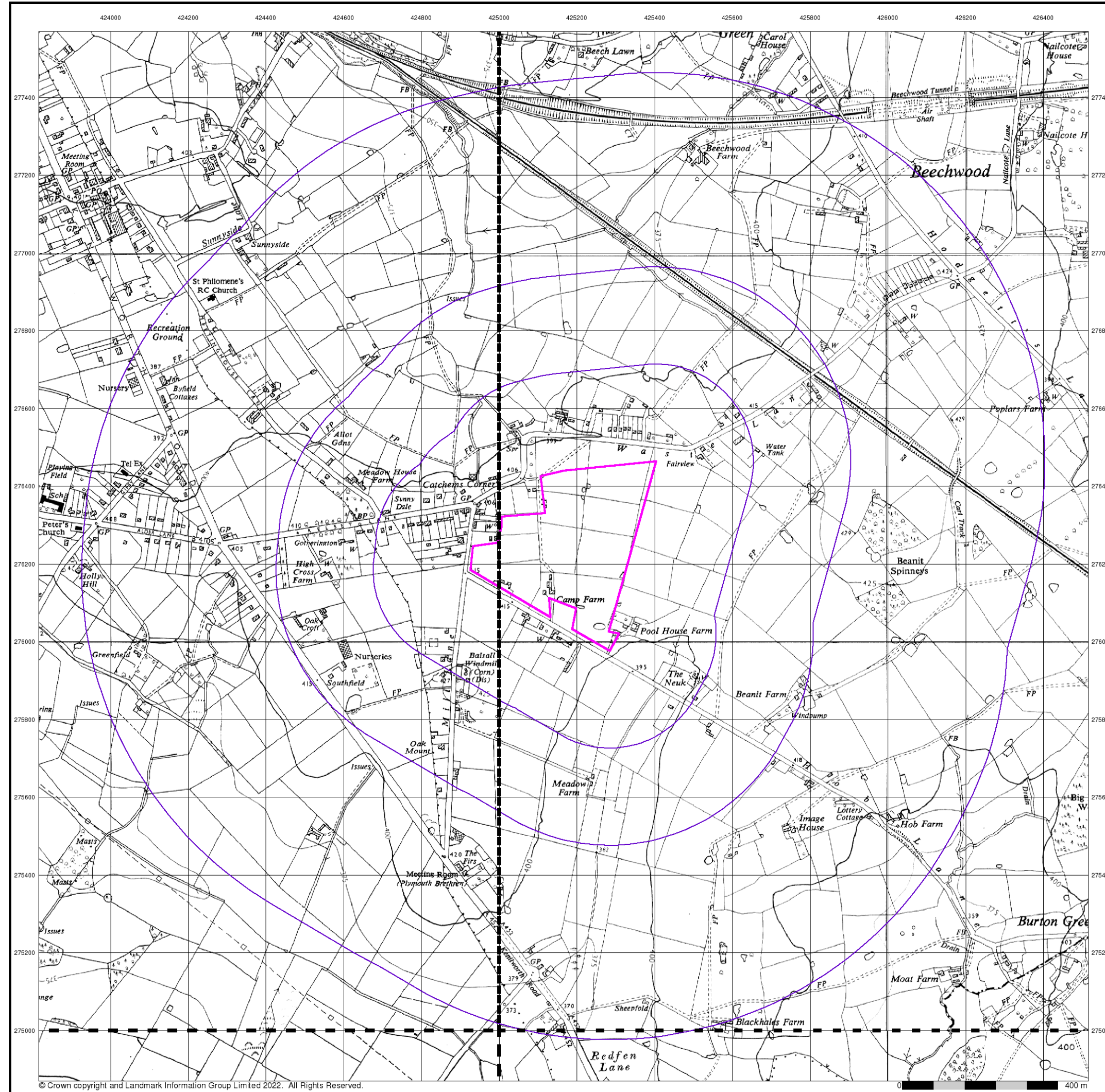
Order Details

Order Number: 296951678_1_1
Customer Ref: 05655/C
National Grid Reference: 425200, 276240
Slice: A
Site Area (Ha): 12.47
Search Buffer (m): 1000

Site Details

Site at, Balsall Common, Solihull





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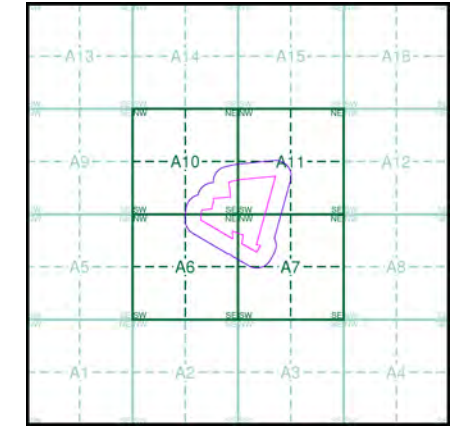
Ordnance Survey Plan Published 1955 Source map scale - 1:10,000

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)

SP27NW	SP27NE
1955	1955
1:10,560	1:10,560
SP27SW	SP27SE
1955	1955
1:10,560	1:10,560

Historical Map - Slice A

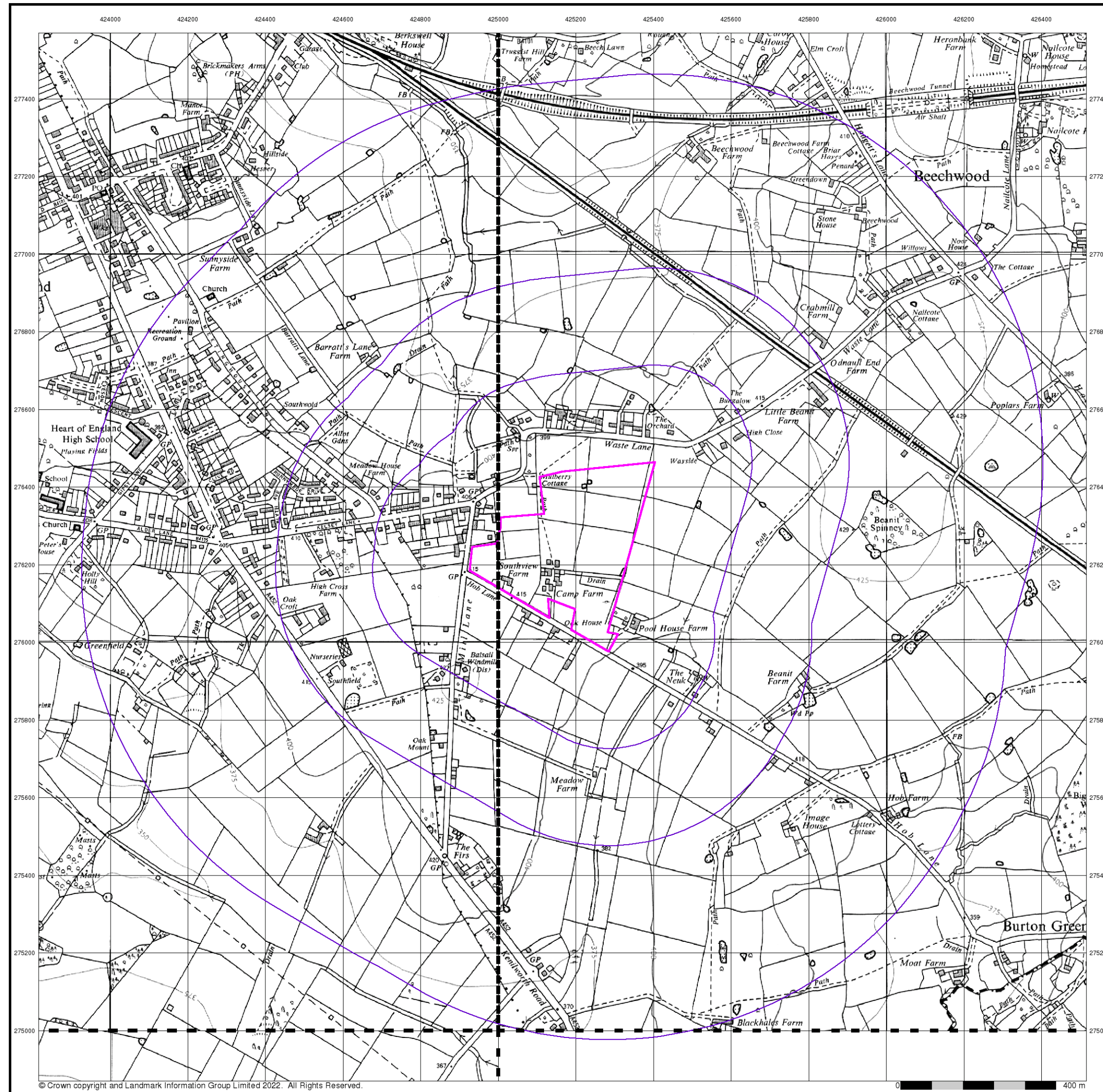


Order Details

Order Number: 296951678_1_1
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Site Details

Site at, Balsall Common, Solihull



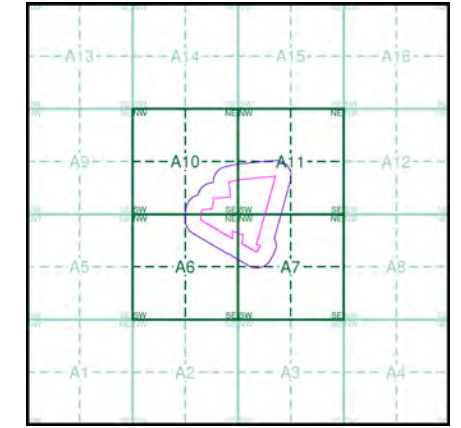
Ordnance Survey Plan Published 1967 - 1968 Source map scale - 1:10,000

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

Map Name(s) and Date(s)

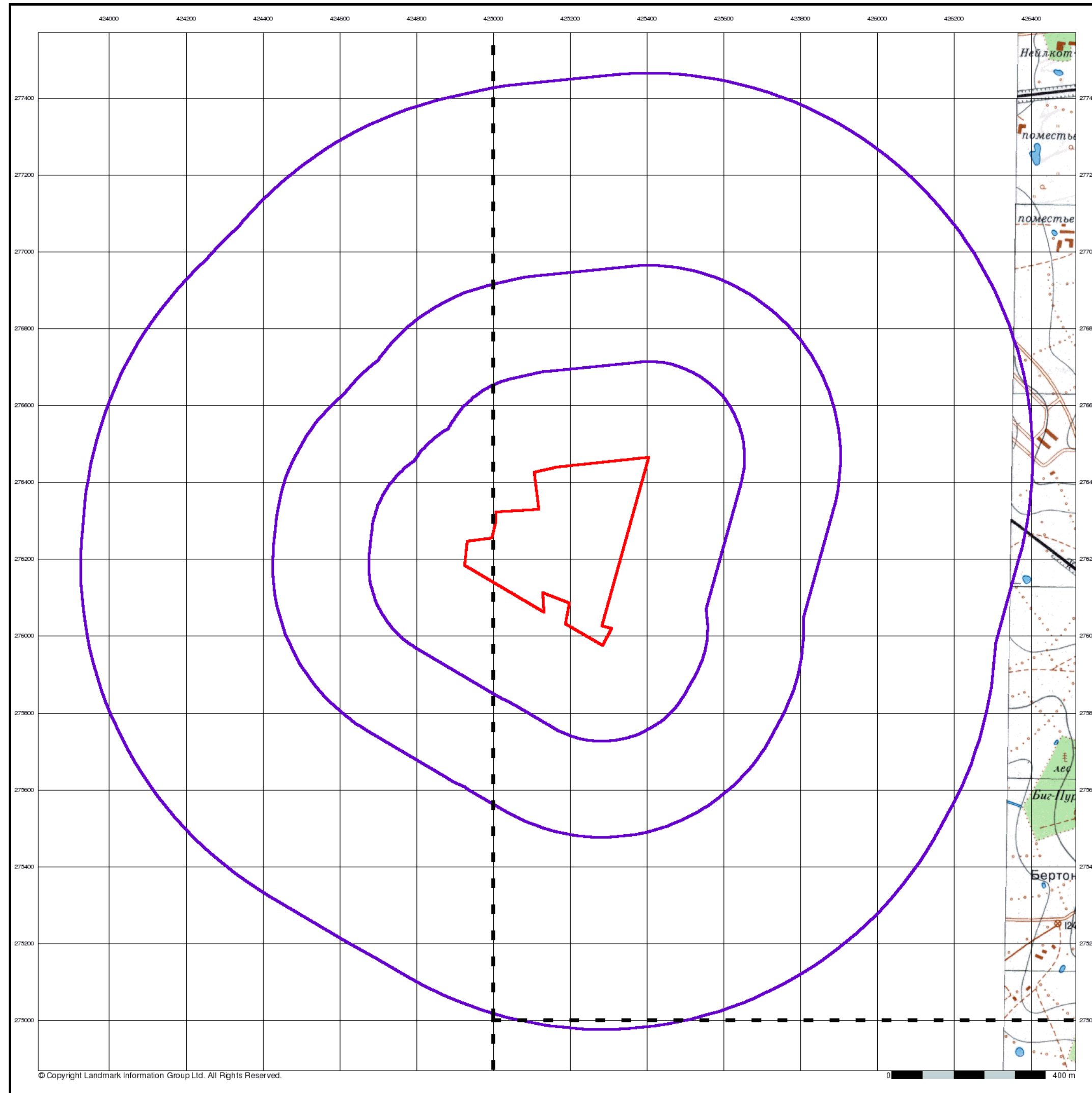
SP27NW	1968	1:10,560
SP27NE	1968	1:10,560
SP27SW	1967	1:10,560

Historical Map - Slice A



Order Details
 Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
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Coventry

Published 1972

Source map scale - 1:10,000

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

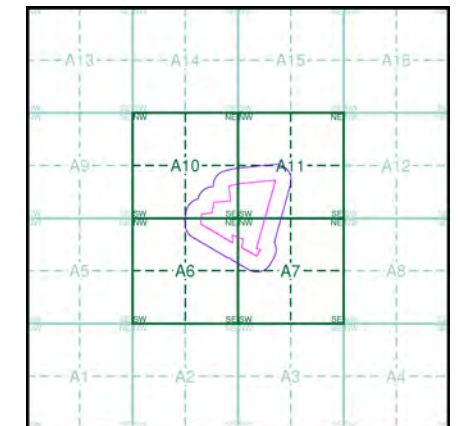
They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that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

Map Name(s) and Date(s)

SP27NE
1972
1:10,000

SP27SE
1972
1:10,000

Russian Map - Slice A



Order Details

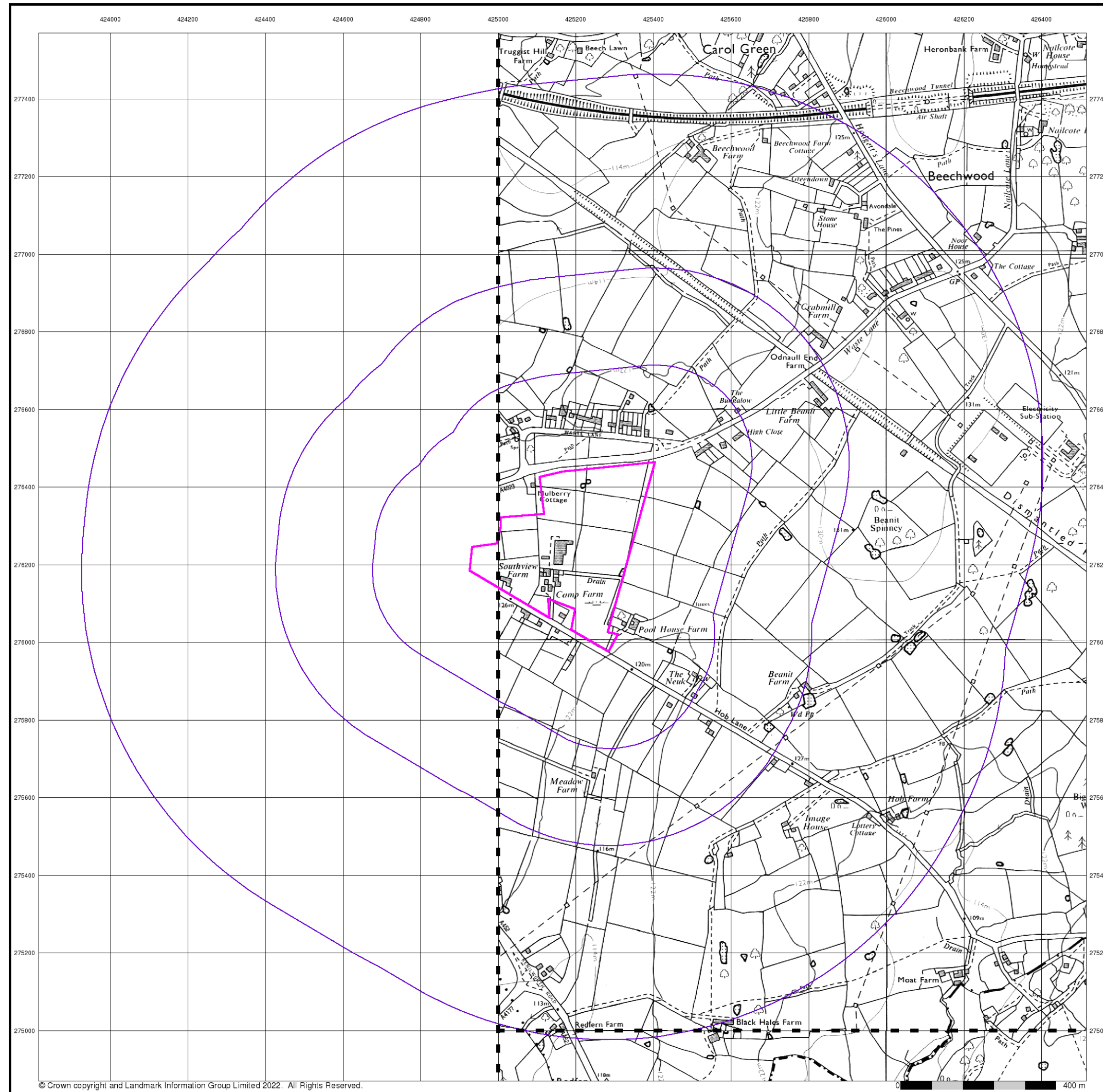
Order Number: 296951678_1_1
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Site Details

Site at, Balsall Common, Solihull

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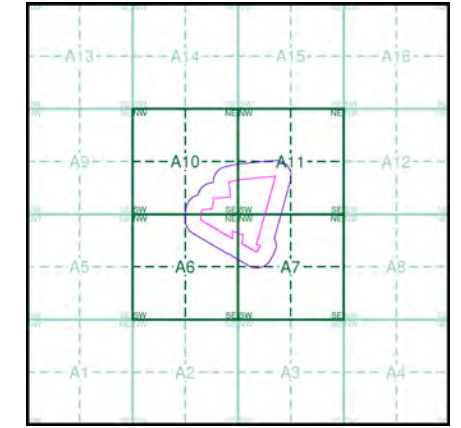
Ordnance Survey Plan Published 1973 - 1977 Source map scale - 1:10,000

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)

SP27NE	1977
1:10,000	
SP27SE	1973
1:10,000	

Historical Map - Slice A

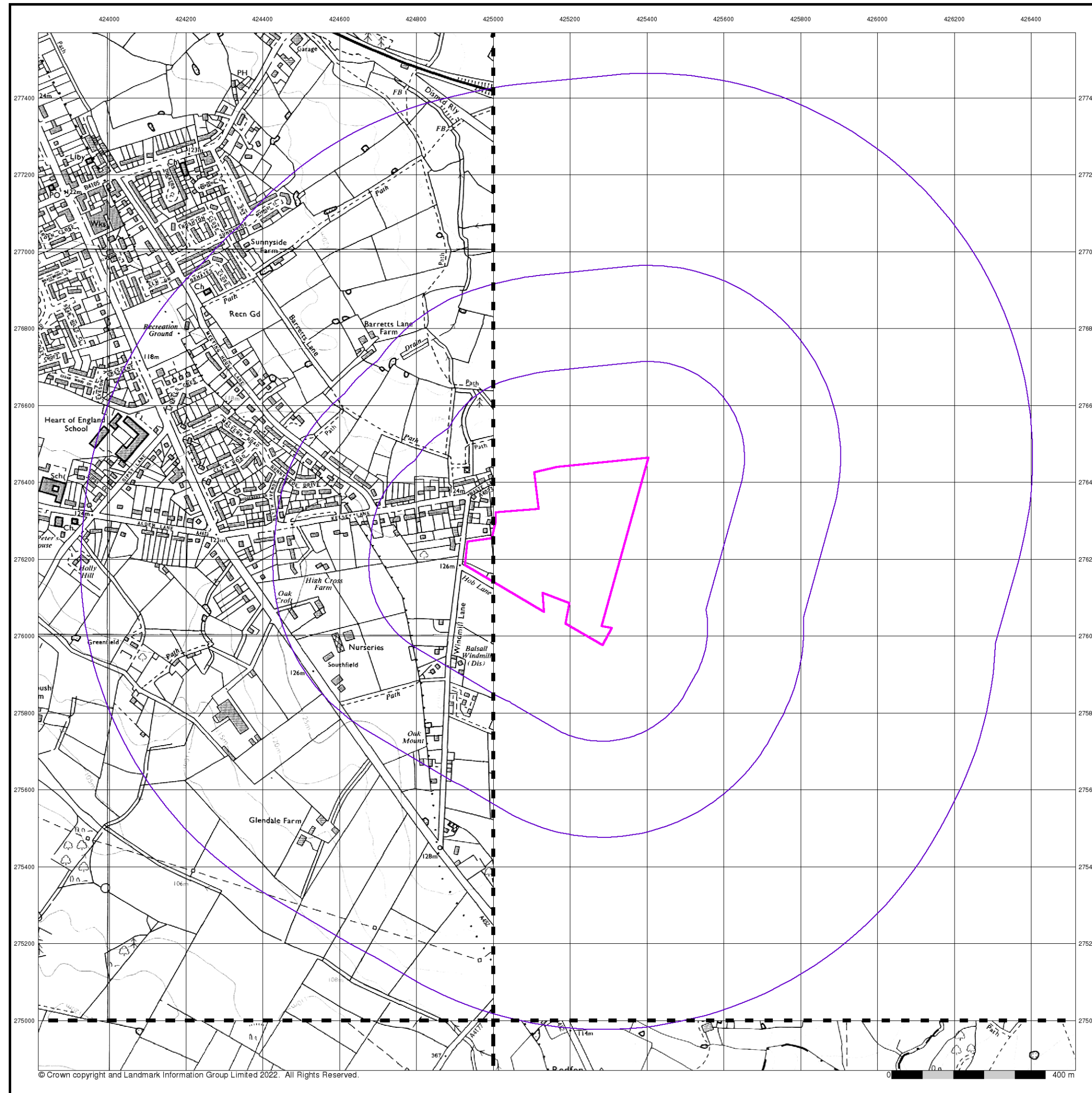


Order Details

Order Number: 296951678_1_1
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 Site Area (Ha): 12.47
 Search Buffer (m): 1000

Site Details

Site at, Balsall Common, Solihull



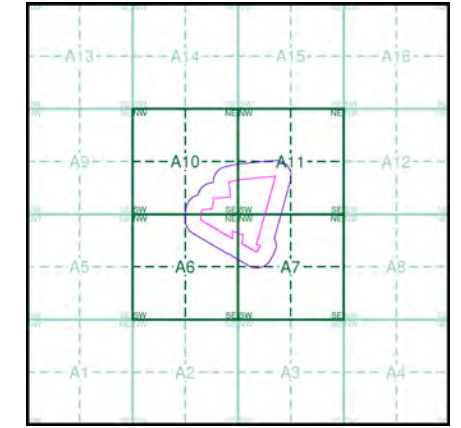
Ordnance Survey Plan Published 1982 - 1988 Source map scale - 1:10,000

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)

SP27NW	1986	1:10,000
SP27SW	1982	1:10,560
SP27SE	1988	1:10,000

Historical Map - Slice A



Order Details

Order Number: 296951678_1_1
 Customer Ref: 05655/C
 National Grid Reference: 425200, 276240
 Slice: A
 Site Area (Ha): 12.47
 Search Buffer (m): 1000

Site Details

Site at, Balsall Common, Solihull

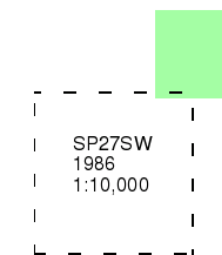
Ordnance Survey Plan

Published 1986

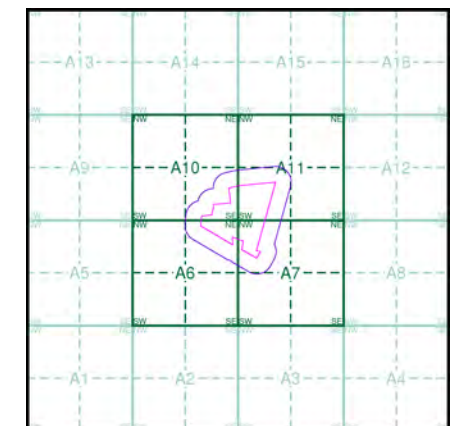
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