



**REPORT C5887
OCTOBER 2014**

PRELIMINARY APPRAISAL REPORT (DESK STUDY)

**of land at
RUGBY ROAD, COVENTRY**

**prepared for
INVESTIN PLC**





REPORT NUMBER:	C5887	REPORT STATUS:	FINAL
REPORT TYPE:	PRELIMINARY APPRAISAL REPORT (DESK STUDY)		
REPORT DATE:	OCTOBER 2014		
SITE:	RUGBY ROAD, COVENTRY		
PREPARED FOR:	INVESTIN PLC		
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Drawing No.	Title	Scale
C5886/01	Site Location Plan	1:25,000
C5886/02	Site Features Plan	1:2,000
C5886/03	Preliminary Conceptual Site Model	NTS

NTS: Not to Scale

APPENDIX B ENVIROCHECK REPORT

APPENDIX C REGULATORY CORRESPONDENCE

APPENDIX D BGS BOREHOLE DATA

EXECUTIVE SUMMARY

Introduction	<p>Sirius Geotechnical and Environmental Ltd (Sirius) were commissioned Investin PLC to undertake a preliminary appraisal (desk study) of land off Rugby Road, Coventry (the “site”).</p> <p>It is understood that Investin PLC are considering redevelopment of the site for a proposed residential with gardens end use.</p>
Site Details	<p>At present the site comprises Coventry Stadium with associated infrastructure and open, partially grassed, land, which is used for spectator car parking. The stadium is used for greyhound and motorsport racing including speedway and stock car racing.</p>
Site History	<p>Review of historical Ordnance Survey (OS) maps indicates that prior to the site being developed with the existing stadium c. 1949, the property comprised agricultural land with a pond within the central part. The pond was subsequently infilled c. 1977.</p>
Anticipated Ground Conditions	<p>Published geological information indicates the site to be underlain by sand and gravel of the Dunsmore Gravel underlain by clay and silt of the Bosworth Clay Member. The superficial deposits are underlain by mudstone of the Mercia Mudstone Group.</p> <p>No made ground is shown to underlie the site, but considered likely to be present given the historical development of the site.</p>
Mining & Quarrying	<p>Based on the site’s geological setting and the Coal Authority Gazetteer, it is considered that the possibility of the surface stability at the site being affected by past coal mining activities is negligible.</p> <p>No quarrying activities are known to have taken place on site, however the presence of unrecorded backfilled pits beneath the site cannot be wholly discounted. It is therefore recommended that all excavations are examined for evidence of quarrying/pitting.</p>
Foundations	<p>The nature and depth of foundations will be dependent on loadings, development levels and the detailed site geology, including:</p> <ul style="list-style-type: none"> • Thickness, nature and extent of made ground; • Location and extent of any substructures/ basements etc; • Bearing capacity of the natural strata; • Groundwater levels; and, • Proximity to trees where potentially shrinkable soils are present. <p>It is recommended that a site investigation is undertaken in order to confirm the ground conditions and foundation requirements for the proposed development.</p>
Contamination	<p>The preliminary conceptual site model indicates potential pollutant linkages to human health (construction workers and site end-users) and controlled waters from heavy metals, organic and inorganic contaminants and asbestos fibres associated with potential made ground and historic development at the site.</p>
Gas Risk	<p>A risk from hazardous gas sources, located both on and off site, associated with areas of deep made ground exists. In addition, owing to the sites former/current usage as a speedway track and the presence of an above ground fuel storage tank a potential risk may also arise from VOCs. To confirm the situation regarding hazardous gases on site a hazardous gas investigation would be required to determine the need or otherwise for gas protection measures in future buildings.</p> <p>According to the BRE, radon protective measures are not required for the site.</p>

Further Works	<p>The following ground investigation works are recommended to allow foundation design and determination of any potential contamination constraints, and abnormal costs, in relation to the proposed developments:</p> <ul style="list-style-type: none">• Trial pitting across the site to ascertain the near surface granular ground conditions and to allow bulk samples to be taken for geotechnical testing• Window sample boreholes to investigate soil and groundwater conditions and to allow recovery of soil samples for testing. Standard Penetration Tests (SPTs) to be undertaken within boreholes in order to provide geotechnical data for the underlying soils.• Installation of gas and groundwater monitoring and sampling wells in selected boreholes.• Chemical and geotechnical laboratory testing to adequately categorise the shallow soils and groundwater.• Gas monitoring (nominal six visits over a three month period – to be confirmed on the basis of identified ground conditions).• Reporting. <p>Intrusive ground investigation works should be carried out by a suitably qualified geoenvironmental consultant.</p> <p>In addition, an ecological survey should be carried out to confirm if any invasive plant species are present on site.</p> <p>A pre-demolition asbestos survey will be required prior to any demolition at the site.</p>
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The executive summary given above is an overview of the key findings and conclusions of the report. There may be other information contained within the body of the report which puts into context the findings of the executive summary. No reliance should be placed on the executive summary in isolation.

1. INTRODUCTION

Sirius Geotechnical and Environmental Ltd (Sirius) were commissioned by Investin PLC (Investin) to undertake a preliminary appraisal (desk study) of land off Rugby Road, Coventry, West Midlands (the “site”).

This desk study has been completed to assist with planning purposes, determine potential ground constraints and allow derivation of a suitable scope of site investigation works.

It is understood that Investin are proposing to redevelop the site for a low-rise residential end-use. At the current time the proposed layout has yet to be confirmed.

The objectives of this appraisal were to:

- Establish the historical development of the site and surrounding area from a review of available historical Ordnance Survey (OS) maps.
- Establish the environmental setting of the site.
- Determine whether historical activities could give rise to significant ground contamination.
- Evaluate whether past mining or other extractive industries could have an influence on the site.
- Determine the potential risk to the development from hazardous ground gas sources, including radon; and,
- Provide recommendations for intrusive works required to confirm the ground conditions below the site and the contamination status of the shallow soils, and, from this, foundation solutions and measures to deal with any contamination.

This investigation includes an assessment of information provided by Landmark Information Group (LIG), the British Geological Survey (BGS), the Coal Authority (CA), Warwickshire County Council (WCC), Warwickshire District Council (WDC) and Coventry City Council (CCC).

A site inspection (walk over survey) was undertaken by a Sirius geo-environmental engineer on 9th September 2014.

This report presents and interprets the factual information reviewed during this investigation and presents a Preliminary Conceptual Site Model (PCSM) from which ground-related hazards and risks have been assessed.

It has been assumed in the production of this report that the site is to be redeveloped for a residential with gardens end-use. In addition, it is assumed that ground levels will not change significantly from those described in this report. If this is not the case, then amendments to the recommendations made in this report may be required.

Where the report refers to the potential presence of invasive plants (such as Japanese Knotweed) or asbestos-containing materials (ACMs), such observations are for information only and should be verified by a suitably qualified expert.

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2. SITE DETAILS AND DESCRIPTION

Table 2.1 Current Site Overview

Location	<p>The site is located off Rugby Road, approximately 7.5km south east of Coventry city centre, West Midlands.</p> <p>A site location plan is included as Drawing No. C5887/01 within Appendix A.</p>
National Grid Reference	440700mE, 277290mN.
Topography and Features	<p>The site forms an irregular shaped plot of land with approximate dimensions of 390m north east/south west by 340m north west/south east and is located to the north east of Rugby Road. The site is generally flat and level.</p> <p>The site currently comprises Coventry Stadium, a tarmaced site access road and an associated area of partially vegetated ground used for car parking. The stadium is located in the north eastern part of the study area and covers approximately half of the site. The stadium is enclosed by a mixture of palisade fencing with a partial frontage of metal cladding in the turnstile area. The access to the stadium is via a central roadway from Rugby Road.</p> <p>The Stadium is formed by two stands constructed of steel, breeze block and covered in a cement board. The curved edges of the stadium are open with the standing areas formed by raised ground covered by concrete. Associated stadium infrastructure is provided by a number of small outbuildings within the enclosed stadium area. This includes turnstiles, a pit area, club shop, first aid post and a motorbike driving school.</p> <p>An above ground storage tank (AST) containing diesel is located in the south west corner of the stadium area. It is bunded and access to the pump was restricted. There was some evidence of diesel staining on the ground. The fuel is understood to be used for stadium equipment such as tractors, graders etc.</p> <p>The triangular north western portion of the site is partly covered by rough vegetation and trees. This area of the site has also been</p>

	used for the storage of granular material for use on the greyhound and motor racing circuits within the stadium.
Site Boundaries	The site is bounded to the south west and south east by properties along Rugby Road and Speedway Lane, respectively. The north eastern site boundary is formed by New Close Wood. A drain and track (Gossett Lane) to Merton Hall Farm forms the northern boundary.
Current Land Use	The stadium and associated infrastructure are currently home to the Coventry Bees Speedway Team. From May to October, the circuit is used for stock car racing. The Stadium is also used for greyhound racing.
Invasive Plant Species	None noted. An ecological survey should be carried out to confirm if any invasive plant species are present, more specifically within the densely vegetated areas within the north western and south eastern parts of the site.

The main site features are shown on Drawing No. C5887/02 within Appendix A.

3. ENVIRONMENTAL SETTING

3.1. Introduction

Published environmental, geological and historical data relating to the site has been reviewed. A summary of relevant information is provided below and a copy of the LIG Envirocheck Report is included in Appendix B. Copies of regulatory correspondence received from CCC are included in Appendix C.

3.2. Historical Development

Table 3.1 presents a summary of the site history from 1886 to 2014 as illustrated on historic OS maps. Only information pertinent to the proposed development is described.

Table 3.1 Historical Development

Map Dates	On-Site Features	Off-Site Features (only features within 500m that may affect the site are listed)
1886 - 1949	The site is shown as undeveloped agricultural farmland. There are two small ponds located in the central portion and on the north eastern boundary of the site.	The site is shown to be located within a predominantly rural area consisting of agricultural land and woodland. Combe Cottages are located adjacent to part of the south western site boundary. The village of Brandon is located approximately 800m to the south of the site. On the 1905 OS map a land drain is shown immediately adjacent to the north eastern site boundary. On the 1919 – 1926 OS map several pumps/wells are shown within the immediate vicinity of the site, the closest of which are shown adjacent to the western and north eastern site boundaries.
Aerial Photograph 1949	An oval track is shown in north east portion of the site.	No significant changes noted.
1955 - 1959	The track is described as a speedway stadium. Several small buildings associated with the speedway stadium are shown within the central area of the site.	No significant changes noted.
1959 - 1990	The stadium is described as the Brandon Stadium. It has been further developed with a north east stand and additional outbuildings. A tank associated with the stadium is shown within the southern central	Residential properties are shown to south west of the site. Several glass houses are shown immediately to the east of the site. A pond is shown immediately adjacent to the north

Map Dates	On-Site Features	Off-Site Features (only features within 500m that may affect the site are listed)
	<p>part of the site.</p> <p>The terraces surrounding the track appear to have been constructed on raised ground.</p> <p>The access from Rugby Road to the Stadium has been constructed.</p> <p>On the 1977 OS map the pond located within the central part of the site is no longer shown, and assumed to have been infilled.</p>	<p>western site boundary.</p> <p>Residential development shown immediately adjacent to Speedway Lane, to the south of the site.</p> <p>On the 1977 OS map Oakdale Nursery is shown approximately 50m to the west of the site.</p> <p>Binley Woods County Middle School has been constructed c. 250m to the west of the site by 1977.</p>
1990 - 2014	The stadium has been renamed as the Coventry Stadium.	<p>The glass houses to the east of the site have been demolished/cleared.</p> <p>A Reservoir has been constructed approximately 150m to the south west of the site.</p>

3.3. Published Geological Information

A summary of available published geological information is provided in Table 3.2.

Table 3.2 Geological Summary

Sources of Information	BGS 1:50,000 scale geological map (Sheet 169, Coventry), dated 1994. BGS 1:50,000 scale geological map (Sheet 184, Warwick), dated 1984. LIG Envirocheck report (ref. 6008969_1_1), dated 9 th September 2014.
Made Ground	Although no made ground is indicated on the geological plans, localised made ground deposits are likely to be encountered on site due to the historical development of the site.
Superficial Geology	The site is underlain by Dunsmore Gravel (sand and gravel) which is underlain by the Bosworth Clay Member (Clay and Silt) of Anglian Age.
Solid Geology	The superficial deposits are recorded to be underlain by strata of the Mercia Mudstone Group comprising “ <i>mudstones and subordinate siltstones</i> ”. No significant faults and/or geological features are shown to underlie the site.
BGS Archive Borehole data	There is one publically available boreholes record on the BGS website drilled within the immediate vicinity of the site. The borehole (BGS Borehole SP47NW63) was drilled c. 50m to the west of the site in October 1980. Recorded ground conditions comprised topsoil over clayey sandy gravel (Dunsmore Gravel) to 2.80m bgl, which in turn was underlain by silty clay with pebbles of quartz (glacial lake deposits) to a maximum proven depth of 19.50m bgl. Groundwater was struck at 1m bgl in the sandy gravel.
Mining and Quarrying	Coal Mining: Based on published geological information and the CA gazetteer, it is considered that there is a negligible risk of coal mining affecting the surface stability of the property. Quarries: Inspection of historical OS maps indicates the presence

	of a gravel pit c. 900m to the south east of the site.
	Non Coal Mining
	Activities: The Envirocheck report states that “no hazard” exists associated with non-coal mining activities.

3.4. Hydrology and Hydrogeology

A summary of available information pertaining to hydrology and hydrogeology is presented in Tables 3.3 to 3.5.

Table 3.3 Surface Water Features

	Presence/location	Comments
Environment Agency (EA) GQA Classified Watercourses (within 500m)	There are no watercourses located within 500m of the site classified under the EA GQA scheme.	
Unclassified Watercourses (within 500m)	There are two Tertiary watercourses within 500m of the site.	The closest watercourse is described as a ‘drain’ and forms the north eastern boundary of the site, adjacent to the stadium.
Licensed Surface Water Abstractions (within 1km)	There are no current recorded surface water abstraction licenses within 1km of the site. There are however, five licenses within 2km of the site; the closest is recorded c. 1.3km to the south, for agriculture (general) use from an unnamed River.	

	Presence/location	Comments
Surface Water Features (Canals, Ponds, Lakes, etc.) (within 250m)	There are seven surface water features other than that detailed above, recorded on OS maps within 250m of the site.	The surface water features shown include ponds (one of which is located immediately adjacent to the eastern boundary of the site), drainage ditches and a reservoir. The latter is located approximately 150m south west of the site.
Flood Risk Status	The site does not lie within an indicative flood plain at risk of flooding from rivers and sea.	

Table 3.4 Groundwater Occurrence and Abstraction

	Presence/location	Comments
Licensed Groundwater Abstractions (within 1km)	There are no current groundwater abstraction licenses recorded within 1km of the site. However, there are seven licenses within 2km of the site; the closest is recorded c. 1.7km to the south east, for spray irrigation from a well/borehole.	
Private Wells (within 1km)	There are no known private domestic water supply abstractions within 1km of the site	There are several wells/pumps annotated on the historical OS mapping within the immediate vicinity of the site. It is assumed that these features have since been decommissioned/infilled.
Source Protection Zones (within 500m)	The site is not located within a source protection zone.	

Table 3.5 Groundwater Vulnerability Status

	Environment Agency Classification
Soil Classification	<p>Under the aquifer classification system developed by the EA the superficial deposits are classified as a Secondary A Aquifer, whilst the solid geology is classified as a Secondary B Aquifer.</p> <p>Secondary A Aquifers are defined as '<i>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</i>'. These are generally aquifers formerly classified as minor aquifers.</p> <p>Secondary B Aquifers are defined as '<i>predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering</i>.' These are generally the water-bearing parts of the former non-aquifers.</p>

3.5. Landfilling and Waste Management

Table 3.6 Waste Management Activities

	Presence / Location	Comments
Historic Landfills (within 1km)	According to information provided within the Envirocheck Report, there is one historic landfill within 1km of the property; this is located 817m to the south west at Brandon Wood Farm. It was licensed to accept inert and household waste, between 1968 and 1972.	
Local Authority/EA Recorded Landfills (within 1km)	There are two recorded landfills within 1km of the property. Both entries relate to the historic landfill at Brandon Lane	

	Presence / Location	Comments
	<p>Farm/Brandon Wood Area approximately 725m south west of the property.</p> <p>Information from CCC and the BGS indicate that the site was for domestic waste and was closed in 1974.</p>	
Other Licensed Waste Management Facilities (within 500m)	There are no other Licensed Waste Management Facilities recorded within 500m of the property.	
Evidence of Landfilling On or Within 250m of Site	<p>Review of historical OS mapping indicates that a former pond located in the central part of the site was infilled between 1967 and 1977.</p> <p>In addition, the terraces associated with the stadium are constructed on raised ground/embankments.</p>	
Walkover Evidence of Fly-Tipping on Site?	No.	
Ground Gas Risk Assessment Required?	Yes.	<p>Hazardous ground gas associated with:</p> <ul style="list-style-type: none"> • Areas of possible deep made ground on and off site, more specifically the infilled pond in the central part of the site and raised areas housing the stands of the stadium.

	Presence / Location	Comments
		<ul style="list-style-type: none"> • Volatile Organic Compounds (VOCs) associated with any potential fuel spills associated with the historical setting of the site i.e. speedway track.

3.6. Radon Risk

To determine whether the site is at risk from radon gas, the BRE Document “BRE 211 - Radon: Guidance on the protective measures for new dwellings” together with the National Radiological Protection Board (NRPB) “Radon Atlas of England and Wales” have been referenced.

These documents, together with a geological assessment contained within the LIG Envirocheck report, which includes information obtained from the Health Protection Agency and British Geological Survey, state that the site lies within an area in which **no radon protective measures are necessary** for the construction of new dwellings or extensions.

3.7. Other

Other potentially contaminative activities or environmental constraints are listed below. The entries relate to activities within approximately 250m of the site, with the exception of Control of Major Accident Hazard (COMAH) and Notification of Installations Handling Hazardous Substances (NIHHS) facilities where the assessment is extended to a distance of approximately 1km from the site.

- There are no COMAH or NIHHS sites within 1km of the site.
- There are no local authority pollution prevention and controls and substantiated pollution incident registers within 250m of the site.
- There is one licensed discharge consent adjacent to the site on Speedway Lane. The consent is for sewage discharges – final/treated effluent – Not Water Company from a Domestic Property.
- There are two pollution incidents to controlled waters recorded within the Envirocheck report within 250m of the site. The nearest incident was recorded to be located in the

adjacent site drain on the northern boundary of the site and involved the discharge of septic tank effluent which was caused by a 'wrong connection'. The incident occurred in 1997 and was recorded as a Category 3 "minor incident". The second incident was 225m south west of the site, took place in 1995 and was also recorded as a Category 3 "minor incident".

- There are four active trade within 250m of the site, these include commercial and domestic cleaning services and a Blinds, Awnings and Canopy company.
- There are no active and/or inactive fuel station entries within 250m of the site.
- The site is located in an area of adopted Green Belt.

3.8. Regulatory Correspondence

A request was made by Sirius to the local authorities for any information they have concerning the site with regards to landfill, contaminated land, Part A & B processes, nuisances, reported incidents, past quarrying/mining activities and likely ground conditions within the vicinity of the site, that may impact the proposed development. Copies of the responses received to date are included within Appendix C and salient points are detailed below. At the time of writing a response from the Environmental Health Department at CCC was outstanding, and will be forwarded under separate cover once in receipt.

Planning Officer at Warwickshire County Council (WCC)

Correspondence received from the Planning Officer at WCC states that:

- *"The site falls within WCC's sand and gravel Minerals Safeguarding Area (MSA)/Minerals Consultation Area (MCA) by virtue of the site falling within a sand and gravel resource area".*
- *"There does not appear to be any history of mineral working within the site boundary. However, there is evidence of sand and gravel extraction within relative proximity (e.g. 1km) of the site".*
- *"Whilst we are not aware of any proposals to work mineral within the site, an area adjoining the property was put forward in 2008 as a potential allocation in the emerging Warwickshire minerals plan (see Site 15 and Site 17 of the Warwickshire Minerals Core Strategy 'Revised Spatial Options' - Feb 2009). We understand that since that submission, the landowner has stated that whilst there may be potential for sand and gravel extraction over the longer term (perhaps 20 years time or so), there is no current interest in pursuing mineral extraction. The*

proposal was referred to as a 'satellite' working served by conveyor to feed Brinklow Quarry, which operates approximately 1.4km north of the site”.

- *“Furthermore, there is an area identified as a 'Preferred Area for sand and gravel extraction' in the Warwickshire Minerals Local Plan (1995) located approximately 1km north of the site - see Site PA4 Brinklow Extension on the Warwickshire Minerals Local Plan webpage. Until the adoption of the new Minerals Plan, this allocation remains extant and policy weight would be afforded to any proposals for sand and gravel extraction within this area”.*
- *“WCC confirmed that there are no permitted or operational waste sites within 1km of the site, however there is a historic landfill located approximately 0.8km south west of the site”.*
- *“WCC also confirmed that the site does not appear to fall within areas identified by the Coal Authority as at a high risk of coal mining legacy issues”.*

Building Control Department at Warwick District Council (WDC)

Correspondence received from the Building Control Department at WDC indicates that the underlying strata is likely to comprise *“weathered clay with an overburden of sands and gravel of varying depths some of this contains trapped surface water”.*

4. PREVIOUS INVESTIGATIONS

No previous investigation reports have been provided for the site.

5. PRELIMINARY CONCEPTUAL SITE MODEL

Based on the desk study, a combined preliminary conceptual site model and conceptual exposure model (PCSM) has been developed for the proposed future land use (residential with gardens). This summarises the understanding of surface and sub-surface features, the potential contaminant sources, transport pathways and receptors in order to assess potential pollutant linkages. In assessing the likely contaminants present at the site, reference has been made to the Industry Profile report series issued by the Department of the Environment and other relevant supporting documentation.

A qualitative risk assessment has also been made of the likelihood of any pollutant linkage operating and its potential significance.

The preliminary conceptual model is presented in schematic form in Drawing No. C5887/03 in Appendix A.

In summary, the preliminary CSM has identified the following potential pollutant linkages which could result in an unacceptable risk to the proposed end-use, denoted as moderate or higher risk of significant pollutant linkage on the CSM:

- Ingestion, inhalation of dust and dermal contact with potential heavy metals, asbestos fibres and hydrocarbons (including PAHs and VOCs) in made ground and/or shallow soils associated with the sites historical setting including the on site diesel storage tank, the current use as a motorsport track with associated car parking, posing a **moderate to high** risk to proposed end users and construction workers.
- Possible leachable heavy metals and hydrocarbons (including PAHs) in made ground and/or shallow soils, posing a **moderate** risk to controlled waters (specifically, the Secondary A and Secondary B Aquifers and the ponds located immediately adjacent to the site boundary).
- Risk from hazardous gas sources including VOCs, located both on the site, associated with areas of possible deep made ground (more specifically the infilled pond and raised ground/embankments) and potential fuel spillages from ASTs within the stadium area or vehicle refuelling, posing a **moderate** risk to site end-users and construction workers.

- Asbestos containing materials (ACMs) within the infrastructure of the existing buildings located on site, posing a **low** risk to construction/demolition workers and adjacent site users, providing an appropriate method of removal is undertaken.

6. CONCLUSIONS AND RECOMMENDATIONS

6.1. General

This preliminary appraisal has been performed for land off Rugby Road, Coventry.

It has been assumed in the production of this report that the site is to be redeveloped for a residential with gardens end-use. In addition, it has been assumed that ground levels will not change significantly from those described in this report. If this is not the case, then amendments to the interpretation and conclusions in this report may be required.

6.2. Flood Risk

According to the Envirocheck Report and the EA website, the site does not lie within an area at risk from flooding from rivers and sea.

6.3. Geotechnical

Mining and Quarrying

Based on the geological setting of the site and the Coal Authority Gazetteer, it is considered that there is a “negligible” risk of coal mining affecting surface stability.

Historical OS maps indicate the presence of infilled ponds and gravel pits within 1km of the site. The possibility of encountering unrecorded backfilled pits on site cannot be wholly discounted, although it is considered unlikely. It is recommended that all excavations are examined for the evidence of quarrying/pitting. If a pit/quarry is suspected, advice should be sought immediately from suitably qualified engineer.

Foundations

The published geological information, and other data gathered by this preliminary investigation, indicates that the site is underlain potentially by a variable thickness of made ground associated with historical site uses, over Dunsmore Gravel (sand and gravel), which in turn is underlain by the Bosworth Clay Member (Clay and Silt). The superficial deposits area recorded to be underlain by strata of the Mercia Mudstone Group (mudstone).

Strip and trench fill foundations are commonly economic to depths of up to 2.0m to 2.5m bgl. Consequently, it is anticipated that such foundations, extending through any made ground to bear onto underlying natural soils of sufficient strength, may be appropriate across the majority of the

site. Where made ground extends to depths in excess of 2.0m to 2.5m bgl (more specifically within the vicinity of the infilled pond within the central part of the site and areas of raised ground/embankments housing the terraces associated with the stadium), the use of alternative foundation solutions, such as piles, in situ ground improvement techniques, or excavation, processing and recompaction of made ground to an engineering specification capable of supporting the anticipated foundations loads is likely to be required.

Foundation solutions will be dependent on finished levels, loadings and the detailed site geology, including:

- Thickness of made ground;
- Presence/extent of any substructures/infilled basements;
- Bearing capacity of the natural strata;
- Groundwater levels; and,
- Proximity to trees where potentially shrinkable soils are present.

It is recommended that an intrusive investigation is undertaken to confirm the ground conditions and foundation requirements for the new dwellings.

Given the historical development of the site former floor slabs/relict foundations should be anticipated.

6.4. Contamination

Risk Evaluation for the Proposed Land Use (Residential with gardens)

The preliminary conceptual site model indicates that pollutant linkages are possible to a variety of receptors. Potential heavy metals, organic and inorganic contaminants and asbestos fibres associated with possible made ground and the historic development of the site, may pose potential risks to human health (construction workers and site end-users) and controlled waters. Risks related to these potential linkages are currently given qualitative assessments of **moderate to high**. The precise nature of the risks should be investigated further through site investigation.

A Phase II (intrusive) geoenvironmental/contamination investigation should be undertaken to confirm the presence or otherwise of contaminants sources and quantify the risks to identified receptors.

A pre-demolition asbestos survey should be undertaken prior to any demolition works.

6.5. Hazardous Ground Gases

A risk from hazardous gas sources, located both on and off site, associated with areas of deep made ground exists. In addition, owing to the sites former/current usage as a speedway track and the presence of an AST a potential risk may also arise from VOCs. To confirm the situation regarding hazardous gases on site, from potential on and off-site sources, a hazardous gas investigation would be required to determine the need or otherwise for gas protection measures in future buildings.

According to the BRE, radon protective measures are **not** required for the site.

6.6 Invasive Plants

Invasive plant species were not observed during the site walkover, although their absence should be confirmed by an appropriately qualified specialist.

6.7 Soakaways

Based on the anticipated ground conditions at the site, the use of soakaways at the site may potentially be viable. Site specific ground conditions should be investigated further through site investigation.

Should ground conditions be considered potentially viable for soakaway drainage, insitu infiltration tests should be completed in order to derive infiltration rates and aid drainage design.

Owing to the sites sensitivity i.e. underlain by Secondary A and Secondary B Aquifers, it is recommended that the Local Authority and the EA be consulted with respect to any proposed soakaway drainage for the site.

7. FURTHER INVESTIGATION

The following ground investigation works are recommended to allow foundation design and determination of any potential contamination constraints, and abnormal costs, in relation to the proposed developments. We have assumed that the investigation would be undertaken prior to the demolition of the stadium:

- Trial pitting across the site to ascertain the near surface granular ground conditions and to allow bulk samples to be taken for geotechnical testing.
- Window sample boreholes to investigate soil and groundwater conditions within the stadium area and to allow recovery of soil samples for testing. Standard Penetration Tests (SPTs) to be undertaken within boreholes in order to provide geotechnical data for the underlying soils.
- Should ground conditions be considered suitable for soakaways, insitu infiltration tests should be undertaken to aid soakaway design.
- Chemical and geotechnical laboratory testing to adequately categorise the shallow soils.
- Installation of gas/groundwater monitoring wells in selected window sample boreholes.
- Gas monitoring - based on the information obtained/reviewed as part of this desk study, the generation potential of identified gas sources is considered to be very low, based on Table 5.5a within CIRIA 665 “Assessing risks posed by hazardous ground gas to buildings”. On this basis it is recommended that a minimum of 6 No. monitoring rounds be completed over a minimum 3 month period for a proposed residential development (high sensitivity).
- Reporting.

Intrusive ground investigation works should be carried out by a suitably qualified geoenvironmental consultant.

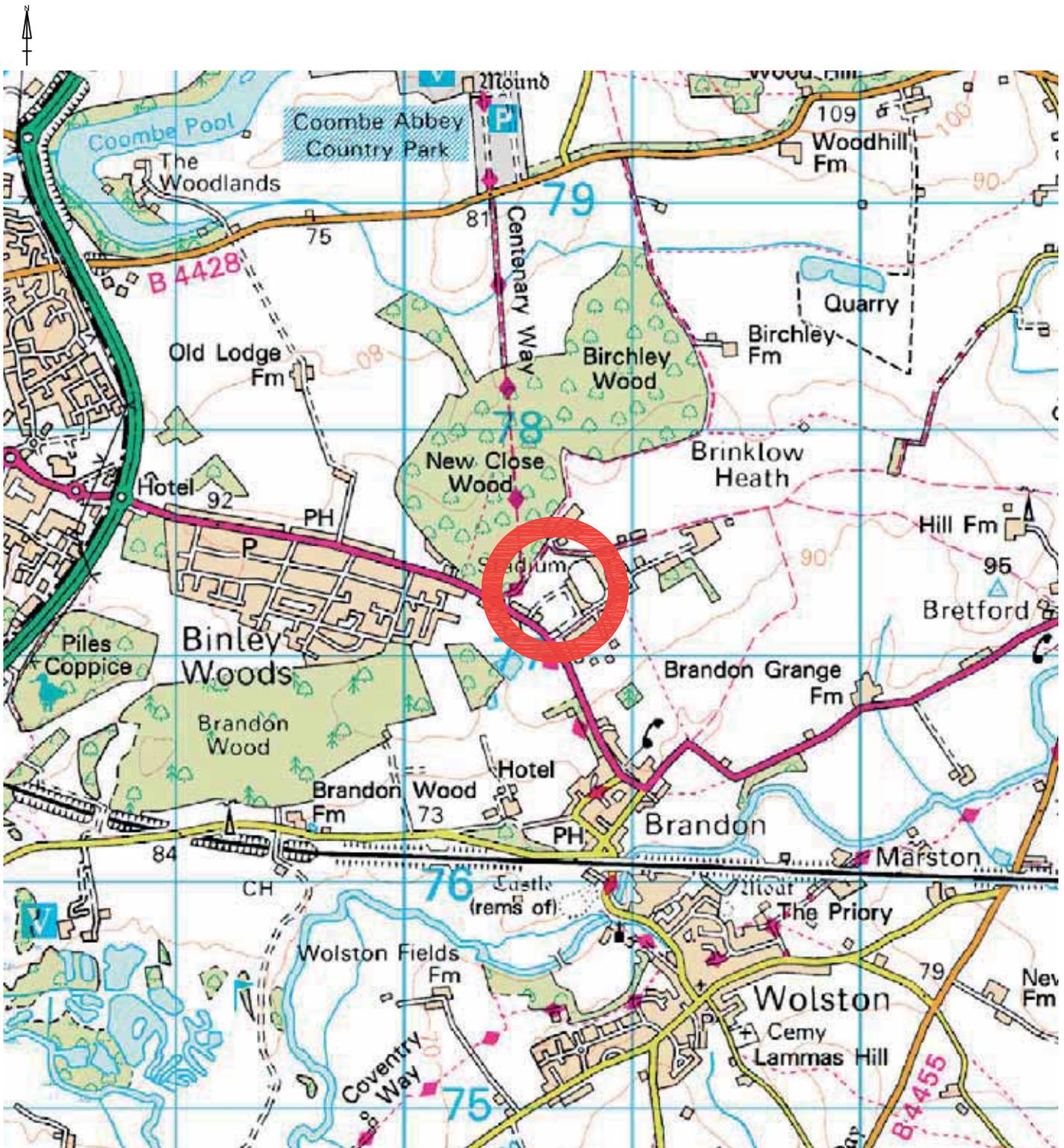
An ecological survey should be carried out to confirm if any invasive plant species are present on site.

A pre-demolition asbestos survey should be undertaken prior to any demolition works.



APPENDIX A

FIGURES AND DRAWINGS



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NOTES

 Site Location

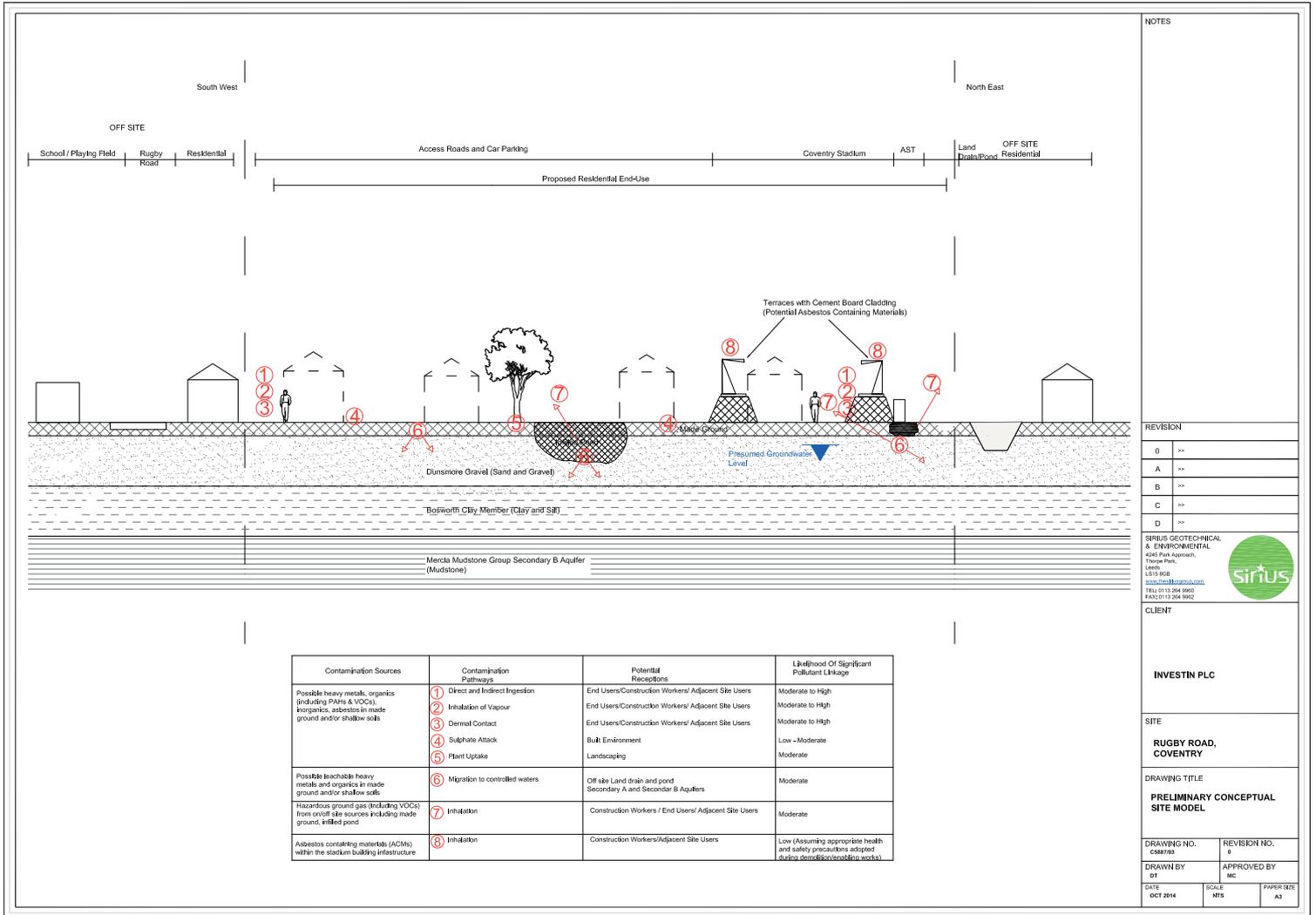
REVISION

0	For Information
A	>>
B	>>
C	>>
D	>>

SIRIUS GEOTECHNICAL & ENVIRONMENTAL
4245 Park Approach,
Thorp Park,
Leeds,
LS15 8GB
www.thisiriusgroup.com
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CLIENT	DRAWING NO.		REVISION NO.	
Investin Plc	C5887/01		0	
SITE	DRAWN BY	APPROVED BY		
Rugby Road, Coventry	DT	MC		
DRAWING TITLE	DATE	SCALE	A4	
Site Location Plan	Oct 2014	1:25,000		



NOTES

REVISION

0	..
A	..
B	..
C	..
D	..

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 Thorpe Park,
 Leeds
 LS15 8JG
 Email: enquiries@sirius.com
 File: 0113 254 9903
 FAX: 0113 254 9902



CLIENT

INVESTIN PLC

SITE

RUGBY ROAD,
 COVENTRY

DRAWING TITLE

PRELIMINARY CONCEPTUAL
 SITE MODEL

DRAWING NO. CS6/19a	REVISION NO. 0
DRAWN BY DT	APPROVED BY HC
DATE OCT 2014	SCALE NTS
	PAPER SIZE A3

Contamination Sources	Contamination Pathways	Potential Receptions	Likelihood Of Significant Pollutant Linkage
Possible heavy metals, organics (including PAHs & VOCs), inorganics, asbestos in made ground and/or shallow soils	① Direct and Indirect Ingestion	End Users/Construction Workers/ Adjacent Site Users	Moderate to High
	② Inhalation of Vapour	End Users/Construction Workers/ Adjacent Site Users	Moderate to High
	③ Dermal Contact	End Users/Construction Workers/ Adjacent Site Users	Moderate to High
	④ Sulphate Attack	Bull Environment	Low - Moderate
	⑤ Plant Uptake	Landscaping	Moderate
Possible leachable heavy metals and organics in made ground and/or shallow soils	⑥ Migration to controlled waters	Off site Land drain and pond Secondary A and Secondary B Aquifers	Moderate
Hazardous ground gas (including VOCs) from on/off site sources including made ground, landfill pond	⑦ Inhalation	Construction Workers / End Users/ Adjacent Site Users	Moderate
Asbestos containing materials (ACMs) within the stadium building infrastructure	⑧ Inhalation	Construction Workers/Adjacent Site Users	Low (Assuming appropriate health and safety procedures adopted during demolition/renovation works)



APPENDIX B
ENVIROCHECK REPORT



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

60089169_1_1

Customer Reference:

C5887/MB

National Grid Reference:

440700, 277290

Slice:

A

Site Area (Ha):

10.63

Search Buffer (m):

1000

Site Details:

Rugby Road

Brandon

COVENTRY

CV8 3GJ

Client Details:

P Coulson

Sirius Geotechnical & Environmental Ltd

4245 Park Approach

Thorpe Park

Leeds

LS15 8GB



Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	6
Hazardous Substances	-
Geological	7
Industrial Land Use	17
Sensitive Land Use	18
Data Currency	19
Data Suppliers	23
Useful Contacts	24

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

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Report Version v49.0



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1	1		1	
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 1				1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 1	Yes			
Pollution Incidents to Controlled Waters	pg 1	1	1	1	1
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 2				(*12)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 5	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 5	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 5	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
Detailed River Network Lines	pg 5		Yes		n/a
Detailed River Network Offline Drainage	pg 5	Yes	Yes		n/a



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 6				1
Historical Landfill Sites	pg 6				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites	pg 6				2
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 7	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 7	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 15				2
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 16	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 16		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 16	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 16	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 16		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 16	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 17		4		7
Fuel Station Entries					
Sensitive Land Use					
Areas of Adopted Green Belt	pg 18	2			
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 18	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Mrs Hussain Property Type: Domestic Property (Single) Location: Fintry, Speedway Lane, Brandon, Coventry, Cv8 3ql Authority: Environment Agency, Midlands Region Catchment Area: Avon (Hampshire Upper) Reference: S/10/25965/S Permit Version: 1 Effective Date: 24th May 2002 Issued Date: 24th May 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Smite Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A11NW (NE)	0	2	440840 277440
2	<p>Discharge Consents</p> <p>Operator: Haddon & Abbots Ltd Property Type: Undefined Or Other Location: Brandon Road - Surface Water, Brandon Road, Binley, Coventry Authority: Environment Agency, Midlands Region Catchment Area: Avon (Hampshire Upper) Reference: S/11/04804/T Permit Version: 1 Effective Date: 29th November 1962 Issued Date: 29th November 1962 Revocation Date: 7th May 2008 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Birchley Wood Brook Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	A10NW (W)	286	2	440200 277400
3	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Brightly Dry Cleaners & Shirt Laundry Location: 45 Woodlands Avenue, Binley Woods, Coventry, Cv3 2jl Authority: Rugby Borough Council, Environmental Health Department Permit Reference: 67/PPC Dated: 4th January 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A9SW (W)	824	3	439645 277118
	<p>Nearest Surface Water Feature</p>	A11NW (E)	0	-	440888 277359
4	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Private Sewage (Non-PLC): Septic Tank Location: Farm Ditch, Merton Hall, Gossetts Lane Authority: Environment Agency, Midlands Region Pollutant: Sewage - Septic Tank Effluent Note: Cesspit Disch Black Liquid To Ditch; Amenity Effectuated Incident Date: 19th September 1997 Incident Reference: 2602749 Catchment Area: Severn Catchment : Sowe Receiving Water: Watercourse Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A11NW (NE)	0	2	440800 277450
5	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Unknown Location: Location Description Not Available Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Unknown Note: Other Adverse Effects Incident Date: 6th December 1995 Incident Reference: 2600068 Catchment Area: Severn Catchment : Upper Avon (Above Sowe Confluence) Receiving Water: Watercourse Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A10SE (SW)	225	2	440440 276980



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Pumping Station Location: Location Description Not Available Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Amenity Affected; Other Adverse Effects Incident Date: 18th December 1995 Incident Reference: 2600101 Catchment Area: Severn Catchment : Upper Avon (Above Sowe Confluence) Receiving Water: Watercourse Cause of Incident: Mechanical Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7SW (S)	482	2	440800 276600
7	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Pumping Station Location: Castle Hill Riding Stables Wolston Authority: Environment Agency, Midlands Region Pollutant: Storm Sewage Note: P St Disch Sewage To Ditch Leads To Avon Incident Date: 3rd January 1999 Incident Reference: 2604106 Catchment Area: Severn Catchment : Upper Avon (Above Sowe Confluence) Receiving Water: Not Given Cause of Incident: Weather Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7SW (S)	688	2	440950 276430
	<p>Water Abstractions</p> <p>Operator: M J Goldstraw Licence Number: 18/54/10/0169 Permit Version: 100 Location: Land At Grove Farm, Wolston - River Avon (1) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Grove Farm, Wolston - River Avon Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 7th December 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A3SW (S)	1276	2	440800 275800
	<p>Water Abstractions</p> <p>Operator: M J Goldstraw Licence Number: 18/54/10/0169 Permit Version: 100 Location: Land At Grove Farm, Wolston - River Avon (2) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Grove Farm, Wolston - River Avon Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 7th December 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A2SW (S)	1388	2	440310 275740
	<p>Water Abstractions</p> <p>Operator: Roland Hill & Son Licence Number: 18/54/11/0122 Permit Version: 100 Location: Old Lodge Farm, Binley - Tributary Of River Sowe Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Old Lodge Farm, Binley Authorised Start: 01 December Authorised End: 31 March Permit Start Date: 15th May 1985 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	1451	2	439650 278570



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Mr I C Archer Licence Number: 18/54/10/0154 Permit Version: 100 Location: Marston Mill Farm - River Avon Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Marston Mill Farm, Wolston Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st September 1980 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(SE)	1600	2	442120 276170
	<p>Water Abstractions</p> <p>Operator: Mr I C Archer Licence Number: 18/54/10/0154 Permit Version: 100 Location: Marston Mill Farm - River Avon Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Marston Mill Farm, Wolston Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st September 1980 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(SE)	1600	2	442120 276170
	<p>Water Abstractions</p> <p>Operator: J C Channing & Sons Licence Number: 18/54/10/0146 Permit Version: 101 Location: Brandon Grange Farm - Borehole (2) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Brandon Grange Farm Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 3rd April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(SE)	1731	2	442450 276400
	<p>Water Abstractions</p> <p>Operator: J C Channing & Sons Licence Number: 18/54/10/0146 Permit Version: 101 Location: Brandon Grange Farm - Borehole (2) 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: Brandon Grange Farm Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 3rd April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(SE)	1731	2	442450 276400



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: J C Channing & Sons Licence Number: 18/54/10/0146 Permit Version: 100 Location: Brandon Grange Farm - Borehole (2) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Brandon Grange Farm Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 1982 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(SE)	1731	2	442450 276400
	<p>Water Abstractions</p> <p>Operator: J C Channing & Sons Licence Number: 18/54/10/0146 Permit Version: 101 Location: Brandon Grange Farm - Borehole (1) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Brandon Grange Farm Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 3rd April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(SE)	1782	2	442540 276460
	<p>Water Abstractions</p> <p>Operator: J C Channing & Sons Licence Number: 18/54/10/0146 Permit Version: 101 Location: Brandon Grange Farm - Borehole (1) 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: Brandon Grange Farm Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 3rd April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(SE)	1782	2	442540 276460
	<p>Water Abstractions</p> <p>Operator: J C Channing & Sons Licence Number: 18/54/10/0146 Permit Version: 100 Location: Brandon Grange Farm - Borehole (1) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Brandon Grange Farm Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 1982 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(SE)	1782	2	442540 276460



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr J G Mold Licence Number: 18/54/11/0051 Permit Version: 100 Location: Woodhill Farm, Coombe - Well (2) 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: Woodhill Farm, Coombe Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 12th April 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1995	2	441300 279400
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H2) - Deep, permeable, coarse textured soils which readily transmit a wide range of pollutants because of their rapid drainage and low attenuation potential Map Sheet: Sheet 30 Northern Cotswolds Scale: 1:100,000	A10NE (SE)	0	2	440701 277295
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A10NE (SE)	0	4	440701 277295
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A10NE (SE)	0	4	440701 277295
	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				
8	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D003 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A15SW (N)	191	2	440737 277684
9	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D003	A11NW (N)	0	2	440715 277456
10	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D003	A11NE (NE)	200	2	441058 277478



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	BGS Recorded Landfill Sites Site Name: Oak Farm Location: Off Rugby Road, BINLEY WOODS, Warwickshire Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Unknown Boundary Accuracy: Not Applicable	A5SE (SW)	888	4	439950 276525
12	Historical Landfill Sites Licence Holder: Mr A J Underwood Location: Brandon Lane, Brandon, Woston, Coventry Name: Brandon Wood Farm,6635 and 7663 Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD28541 First Input Date: 1st January 1968 Last Input Date: 31st December 1972 Specified Waste Type: Deposited Waste included Inert and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4600/0304 BGS Ref: Not Supplied Other Ref: R11, 3700/3054, 4600.304	A5SE (SW)	817	2	439948 276617
	Local Authority Landfill Coverage Name: Rugby Borough Council - Has supplied landfill data		0	3	440701 277295
	Local Authority Landfill Coverage Name: Warwickshire County Council - Had landfill data but passed it to the relevant environment agency		0	11	440701 277295
13	Local Authority Recorded Landfill Sites Location: Brandon Lane Farm Reference: 40 Authority: Rugby Borough Council, Environmental Health Department Last Reported Status: Closed Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A6NW (SW)	724	3	440073 276636
14	Local Authority Recorded Landfill Sites Location: Brandon Wood Area B Reference: Not Supplied Authority: Coventry City Council, Planning Department Last Reported Status: Closed Types of Waste: Domestic Date of Closure: 31/12/1974 Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A5SE (SW)	833	5	439942 276598



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic mudstones (including Keuper Marl, Dolomitic Conglomerate and Rhaetic)	A10NE (SE)	0	4	440701 277295
	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: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (SE)	0	6	440701 277295
	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: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11NW (N)	27	6	440722 277541
	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: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11NW (E)	53	6	441000 277295
	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: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (W)	54	6	440489 277359
	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: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10SE (S)	72	6	440701 277000
	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: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (N)	106	6	440671 277624



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SW (SE)	113	6	440958 277121
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SW (SE)	118	6	441000 277152
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10SE (SW)	145	6	440526 277018
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10SE (SW)	153	6	440540 277000
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11NW (NE)	181	6	441000 277539
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10SE (SW)	239	6	440393 277000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SW (SE)	249	6	441000 277000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15SW (NE)	292	6	441000 277696
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (S)	425	6	440860 276678
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10NW (NW)	453	6	440095 277547
	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: <150 mg/kg Nickel <15 mg/kg Concentration:	A9NE (W)	457	6	440000 277295
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (SE)	462	6	441000 276720



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 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (N)	485	6	440701 278000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (N)	512	6	440505 278007
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (N)	516	6	440470 278000
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NE (W)	518	6	440017 277548
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SE)	520	6	441104 276739
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NE (W)	522	6	440000 277526



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SE (SW)	523	6	440000 277000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NE (W)	532	6	440000 277548
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SE (SW)	543	6	440000 276961
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SW (SE)	547	6	440996 276603
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SW (SE)	556	6	441000 276603
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15NW (NE)	573	6	441000 278000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SE)	579	6	441298 276787
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (E)	587	6	441474 277000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (NW)	651	6	440213 278000
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (NW)	697	6	440311 278127
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (E)	705	6	441596 277533
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6SE (S)	712	6	440454 276404



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7SE (SE)	758	6	441144 276457
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A6SE (S)	790	6	440382 276349
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A13NE (NW)	809	6	440000 278000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A5SE (SW)	844	6	440000 276540
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A8NE (E)	847	6	441720 276913
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A3NW (S)	865	6	440962 276247



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 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (NW)	893	6	440247 278313
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6SW (SW)	906	6	440120 276374
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A5SE (SW)	925	6	440000 276434
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NW (S)	927	6	441000 276194
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NE (NW)	945	6	440000 278204
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SE (SE)	954	6	441263 276295



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NW (S)	956	6	441000 276164
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NW (S)	960	6	440857 276125
	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: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A5SE (SW)	978	6	440000 276368
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (E)	989	6	441901 277000
15	BGS Recorded Mineral Sites Site Name: The Grove Location: , Brinklow, Coventry, Warwickshire Source: British Geological Survey, National Geoscience Information Service Reference: 39283 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Not Supplied Geology: Baginton Sand & Gravel, Bytham Catchments Subgroup Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18SE (N)	923	4	440516 278429
16	BGS Recorded Mineral Sites Site Name: Brandon Location: , Wolston, Coventry, Warwickshire Source: British Geological Survey, National Geoscience Information Service Reference: 39349 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Not Supplied Geology: Baginton Sand & Gravel, Bytham Catchments Subgroup Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A3NE (SE)	933	4	441192 276278
	BGS Measured Urban Soil Chemistry No data available				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	4	440701 277295
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	4	440701 277295
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	54	4	440489 277359
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	4	440701 277295
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	4	440701 277295
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	190	4	440726 277689
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	4	440701 277295
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	54	4	440489 277359
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	4	440701 277295
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	54	4	440489 277359
	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	A10NE (SE)	0	4	440701 277295
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A10NE (SE)	0	4	440701 277295



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p>Contemporary Trade Directory Entries</p> <p>Name: Green Clean Solutions Location: Unit 1,Speedway La, Brandon, Coventry, West Midlands, CV8 3GL Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location</p>	A11SW (SE)	10	-	440786 277141
18	<p>Contemporary Trade Directory Entries</p> <p>Name: Premier Cleaning Location: 1, Speedway Lane, Brandon, Coventry, CV8 3GL Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A11SW (S)	24	-	440758 277094
19	<p>Contemporary Trade Directory Entries</p> <p>Name: Orange Clean Team Ltd Location: Lawyers Bungalow, Speedway Lane, Brandon, Coventry, CV8 3GL Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A11SW (SE)	99	-	440914 277124
20	<p>Contemporary Trade Directory Entries</p> <p>Name: Butterfly Blinds Ltd Location: 57, Coombe Drive, Binley Woods, Coventry, CV3 2QU Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address</p>	A10SW (W)	241	-	440217 277271
21	<p>Contemporary Trade Directory Entries</p> <p>Name: Woodcroft Ltd Location: Rugby Road, Brandon, Coventry, CV8 3GG Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7SW (S)	593	-	440922 276521
21	<p>Contemporary Trade Directory Entries</p> <p>Name: Brandon Motors Location: Rugby Road, Brandon, Coventry, CV8 3GG Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7SW (S)	593	-	440922 276521
22	<p>Contemporary Trade Directory Entries</p> <p>Name: Coventry Boiler Services Location: 184, Rugby Road, Binley Woods, Coventry, CV3 2BA Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NE (W)	611	-	439864 277417
23	<p>Contemporary Trade Directory Entries</p> <p>Name: Sabre Event Management Location: 14, Hallams Close, Brandon, Coventry, West Midlands, CV8 3NZ Classification: Sports Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7SW (S)	791	-	440869 276299
24	<p>Contemporary Trade Directory Entries</p> <p>Name: Classic Conversions Location: 78, Heather Road, Binley Woods, Coventry, CV3 2DD Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (W)	808	-	439655 277362
25	<p>Contemporary Trade Directory Entries</p> <p>Name: Brightly Dry Cleaners Location: 45, Woodlands Road, Binley Woods, Coventry, CV3 2JL Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9SW (W)	824	-	439645 277118
25	<p>Contemporary Trade Directory Entries</p> <p>Name: Verti King Location: 60, Woodlands Road, Binley Woods, Coventry, CV3 2BZ Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9SW (W)	873	-	439597 277106



Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Areas of Adopted Green Belt Authority: Rugby Borough Council Plan Name: Core Strategy Status: Adopted Plan Date: 21st June 2011	A10NE (SE)	0	8	440701 277295
27	Areas of Adopted Green Belt Authority: Rugby Borough Council Plan Name: Rugby Borough Local Plan Review Status: Adopted Plan Date: 31st July 2006	A10NE (SE)	0	8	440701 277295
28	Nitrate Vulnerable Zones Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A10NE (SE)	0	9	440701 277295



Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Coventry City Council - Environmental Health Department Rugby Borough Council - Environmental Health Department Warwick District Council - Environmental Services	December 2012 March 2013 October 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Midlands Region	August 2014	Quarterly
Enforcement and Prohibition Notices Environment Agency - Midlands Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Midlands Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Midlands Region	August 2014	Quarterly
Local Authority Integrated Pollution Prevention And Control Coventry City Council - Environmental Health Department Warwick District Council - Environmental Services Rugby Borough Council - Environmental Health Department	August 2014 February 2013 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Coventry City Council - Environmental Health Department Rugby Borough Council - Environmental Health Department Warwick District Council - Environmental Services	August 2014 February 2013 February 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Coventry City Council - Environmental Health Department Warwick District Council - Environmental Services Rugby Borough Council - Environmental Health Department	August 2014 February 2013 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Midlands Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Midlands Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - Midlands Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - Midlands Region	August 2014	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - Lower Severn Area	August 2014 August 2014	Quarterly Quarterly
Water Abstractions Environment Agency - Midlands Region	July 2014	Quarterly
Water Industry Act Referrals Environment Agency - Midlands Region	August 2014	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable



Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Source Protection Zones Environment Agency - Head Office	April 2014	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2014	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2014	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	August 2014	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2014	Quarterly
Flood Defences Environment Agency - Head Office	August 2014	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - Lower Severn Area	May 2014 May 2014	Quarterly Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Midlands Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - Lower Severn Area	July 2014 July 2014	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - Lower Severn Area	May 2014 May 2014	Quarterly Quarterly
Local Authority Landfill Coverage Coventry City Council - Planning Department Rugby Borough Council - Environmental Health Department Warwick District Council - Environmental Services Warwickshire County Council	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Coventry City Council - Planning Department Rugby Borough Council - Environmental Health Department Warwick District Council - Environmental Services Warwickshire County Council	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - Midlands Region - Lower Severn Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - Midlands Region - Lower Severn Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Midlands Region - Lower Severn Area	March 2003	Not Applicable



Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	August 2014	Bi-Annually
Explosive Sites Health and Safety Executive	November 2013	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Coventry City Council - Planning Department Warwickshire County Council Warwick District Council Rugby Borough Council	August 2013 July 2007 November 2013 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Coventry City Council - Planning Department Warwickshire County Council Rugby Borough Council Warwick District Council	August 2013 July 2007 July 2013 November 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2014	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	December 2013	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2014	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually



Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	August 2014	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2014	Quarterly
Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt Coventry City Council Rugby Borough Council Warwick District Council	August 2014 August 2014 August 2014	As notified As notified As notified
Areas of Unadopted Green Belt Coventry City Council Rugby Borough Council Warwick District Council	August 2014 August 2014 August 2014	As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	August 2014	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2014	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	March 2014	Bi-Annually
Marine Nature Reserves Natural England	July 2013	Bi-Annually
National Nature Reserves Natural England	March 2014	Bi-Annually
National Parks Natural England	August 2014	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	July 2014	Annually
Ramsar Sites Natural England	March 2014	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2014	Bi-Annually
Special Areas of Conservation Natural England	March 2014	Bi-Annually
Special Protection Areas Natural England	March 2014	Bi-Annually

A selection of organisations who provide data within this report

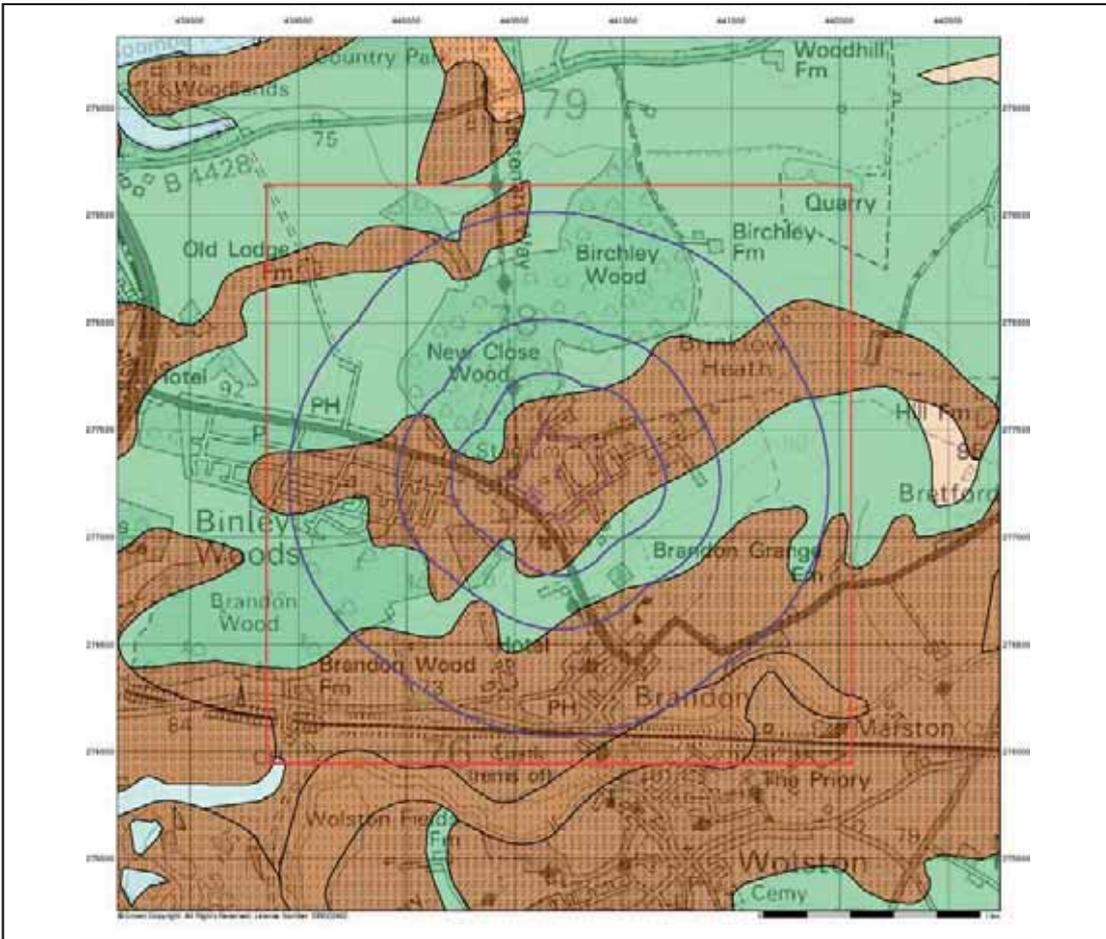
Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett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



Useful Contacts

Contact	Name and Address	Contact Details
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
3	Rugby Borough Council - Environmental Health Department Town Hall, Newbold Road, Rugby, Warwickshire, CV21 2LB	Telephone: 01788 533855 Fax: 01788 533577 Website: www.rugby.gov.uk
4	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
5	Coventry City Council - Planning Department Council House, Earl Street, Coventry, West Midlands, CV1 5RS	Telephone: 02476 833333 Fax: 01203 220432 Website: www.coventry.gov.uk
6	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
7	The Coal Authority - Mining Report Service 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: thecoalauthority@coal.gov.uk
8	Rugby Borough Council Town Hall, Newbold Road, Rugby, Warwickshire, CV21 2LB	Telephone: 01788 533533 Fax: 01788 533577 Website: www.rugby.gov.uk
9	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
10	Natural England Suite D, Unex House, Bourges Boulevard, Peterborough, Cambridgeshire, PE1 1NG	Telephone: 0845 600 3078 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
11	Warwickshire County Council PO Box 43, Shire Hall, Warwick, Warwickshire, CV34 4SX	Telephone: 01926 410410 Website: www.warwickshire.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.



sirius

Groundwater Vulnerability

General

- Specified Site
- Specified Buffer(s)
- Draining Reference Point
- Stone
- Water

Agency and Hydrological

Geological Classes

- Major Aquifer (Highly Permeable)
- Minor Aquifer (Moderately Permeable)
- Non-Aquifer (Slightly Permeable)
- Water or Sea
- Soil (Bogus)

Soil Classes

- High (S1, 2, 3, 5)
- Intermediate (S1, 2)
- Low
- High (S1, 2, 3, 5)
- Intermediate (S1, 2)
- Low

Site Sensitivity Context Map - Slice A

Order Details

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 National Grid Reference: 440700, 277290
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 Search Buffer (m): 1000

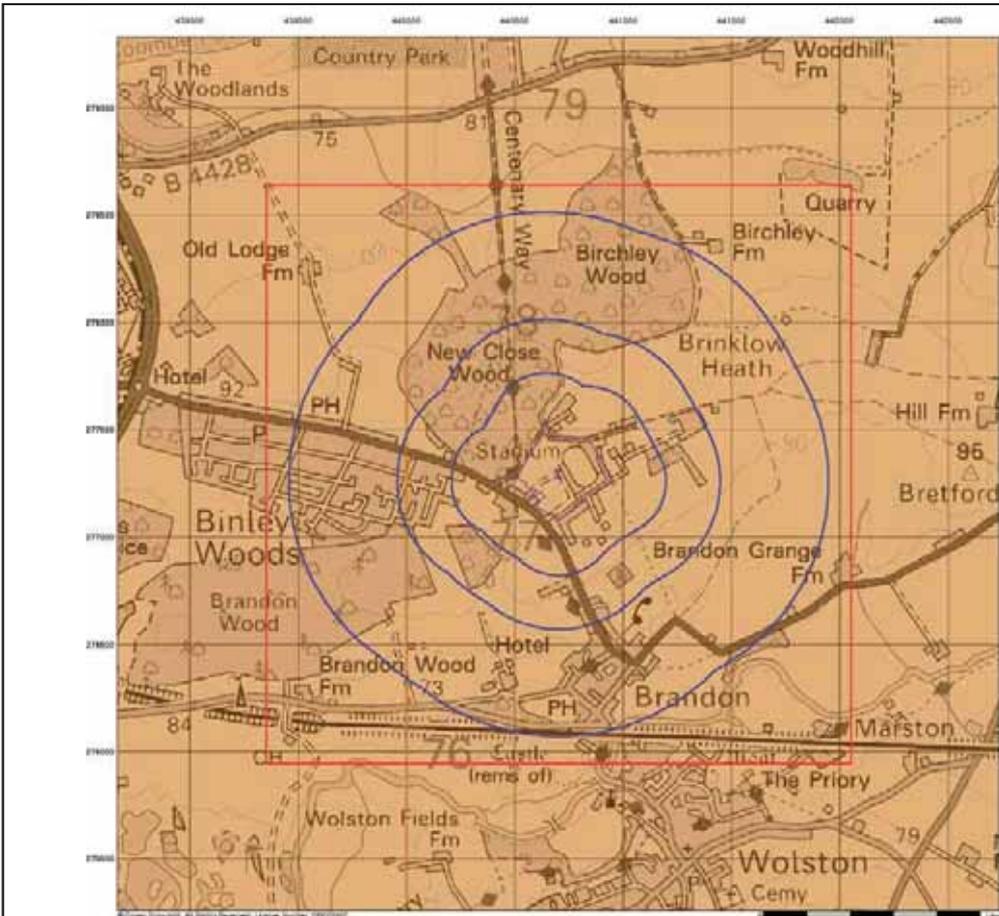
Site Details

Rugby Road, Brandon, COVENTRY, CV8 3JG

Landmark

Tel: 0844 844 9562
 Fax: 0844 844 9991
 Web: www.earthcheck.co.uk

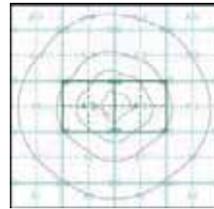
A Landmark Information Group Service v15.0 09-Sep-2014 Page 1 of 5



Bedrock Aquifer Designation

- General**
- Identified Site
 - Specified Buffer
 - Bearing Reference Point
 - Area
 - Wall
- Agency and Hydrological**
- Geological Classes**
- Principal Aquifer
 - Secondary A Aquifer
 - Secondary B Aquifer
 - Secondary Unidentified
 - Unproductive Class
 - Unknown

Site Sensitivity Context Map - Slice A



Order Details

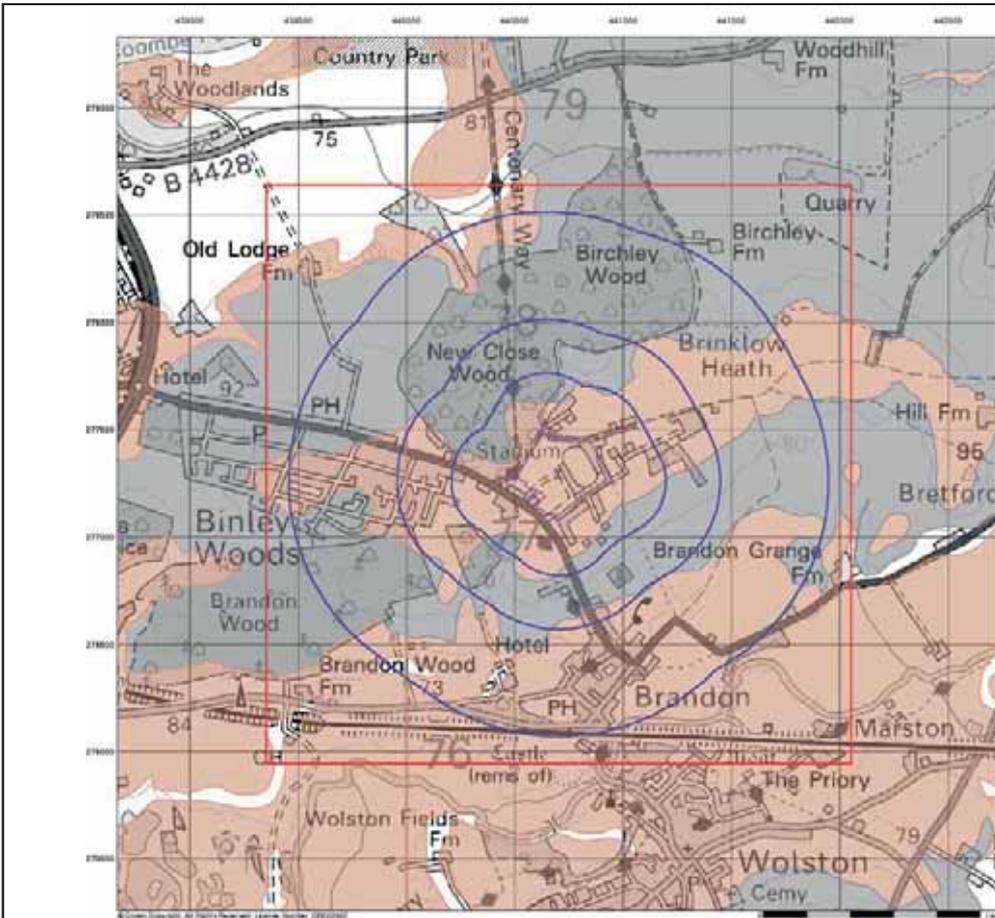
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Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ



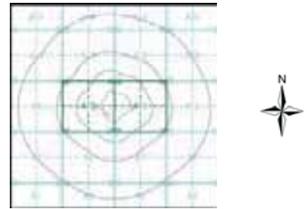
Tel: 0844 844 9952
 Fax: 0844 844 9991
 Web: www.earthcheck.co.uk



Superficial Aquifer Designation

- General**
- Identified Site
 - Search Buffer
 - Bearing Reference Point
- Agency and Hydrological**
- Geological Classes**
- Principal Aquifer
 - Secondary A Aquifer
 - Secondary B Aquifer
 - Secondary Unproductive
 - Unproductive Class
 - Unknown

Site Sensitivity Context Map - Slice A



Order Details

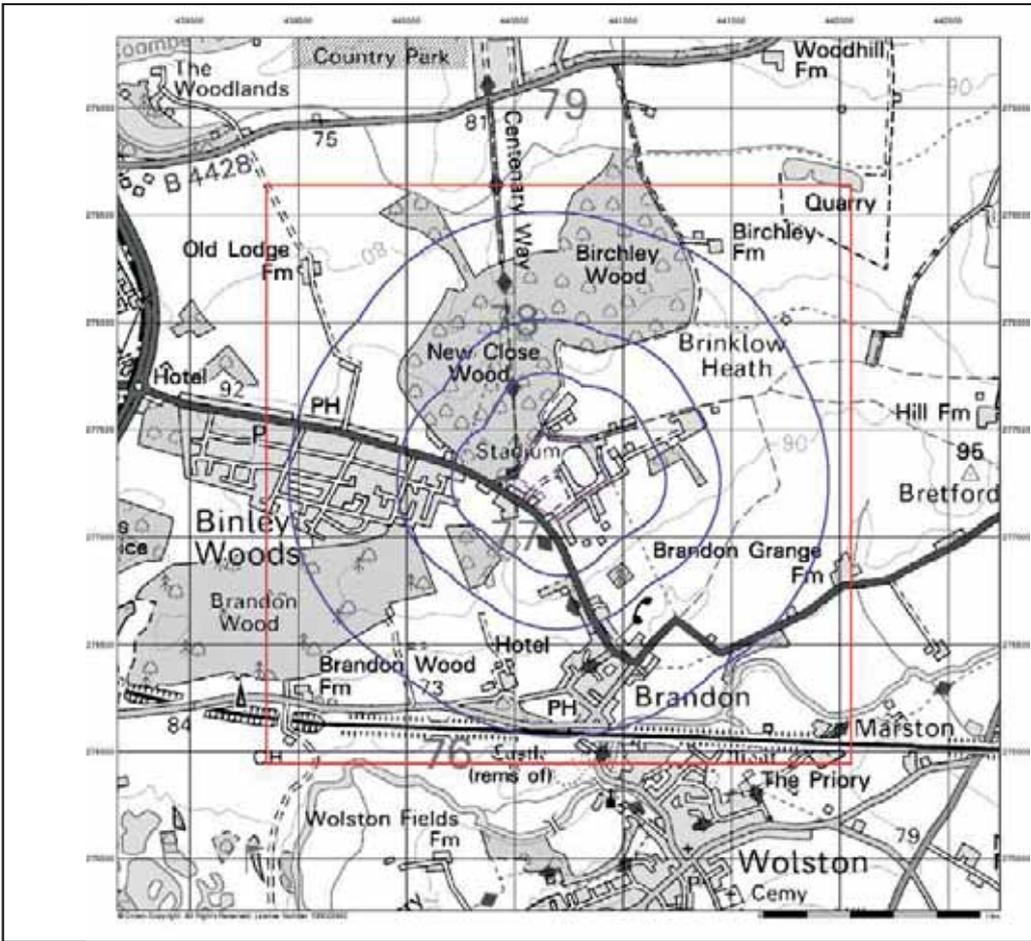
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Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ



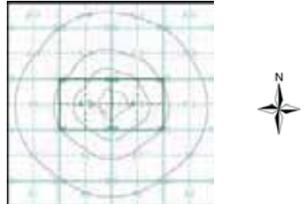
Tel: 0844 844 9952
 Fax: 0844 844 9991
 Web: www.earthcheck.co.uk



Source Protection Zones

- General**
- Identified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - SPZ
 - Water Course
- Agency and Hydrological**
- Source Protection Zone I
 - Source Protection Zone II
 - Source Protection Zone III
 - Zone of Special Interest
 - Source Protection Zone Boundary

Site Sensitivity Context Map - Slice A



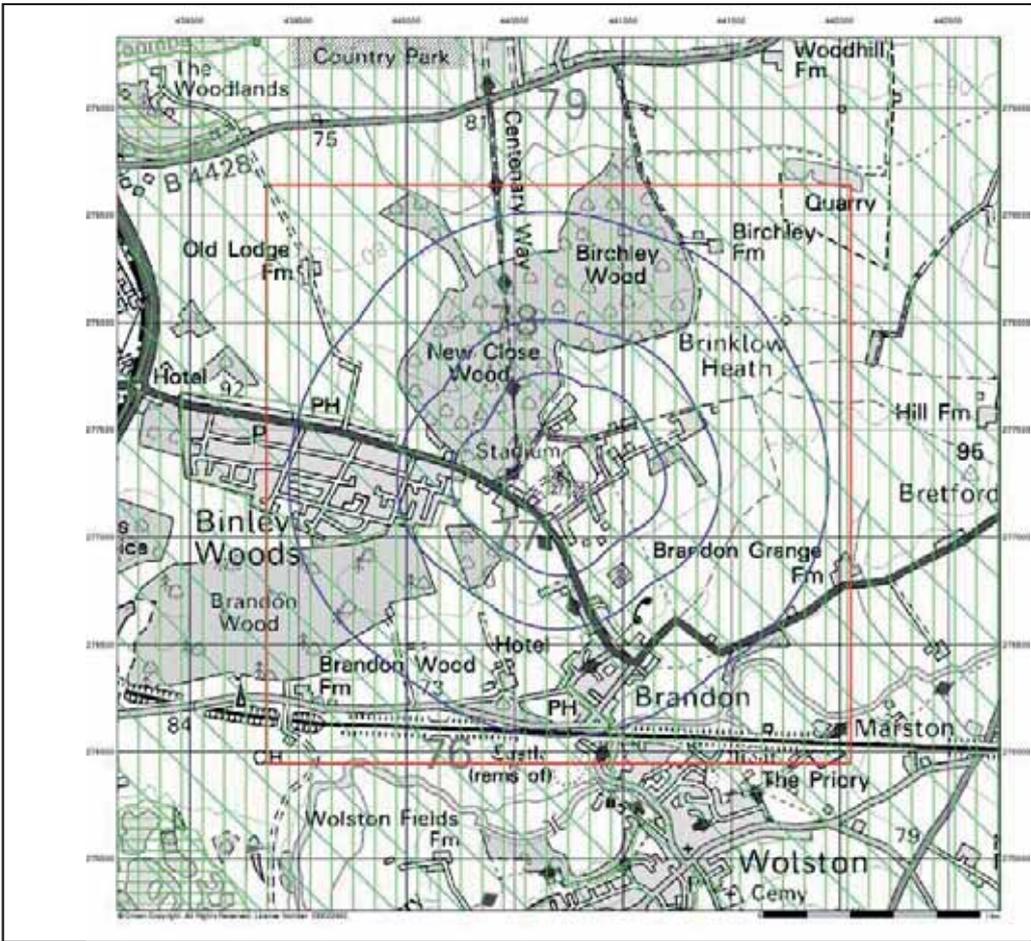
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 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ

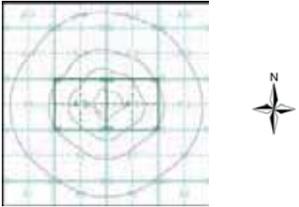
Landmark Tel: 0844 844 9952
 Fax: 0844 844 9991
 Web: www.environment.co.uk



Sensitive Land Uses

- General**
- Specified Site
 - Specified Buffer(s)
 - Beating Reference Point
 - SWR
 - Map ID
- Sensitive Land Uses**
- Area of Adopted Green Belt
 - Area of Outstanding Natural Beauty
 - Environmental Sensitive Area
 - Forest Park
 - Local Nature Reserve
 - Major Nature Reserve
 - National Nature Reserve
 - Historic Park
 - Water Sensitive Area
 - Water Vulnerable Zone
 - Nature Site
 - Site of Special Scientific Interest
 - Special Area of Conservation
 - Spatial Protection Area

Site Sensitivity Context Map - Slice A



Order Details
 Order Number: 60089169_1_1
 Customer Ref: C5887/MB
 National Grid Reference: 440700, 277290
 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details
 Rugby Road, Brandon, COVENTRY, CV8 3JG

Landmark Tel: 0844 844 9952
 Fax: 0844 844 9991
 Web: www.earthcheck.co.uk

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Cenozoic - Cenozoic
	MGR	Made Ground (Undivided)	Artificial Deposit	Holocene - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	DMG	Dunsmore Gravel	Sand and Gravel	Anglian - Anglian
	BOSW	Bosworth Clay Member	Clay and Silt	Anglian - Anglian
	THT	THRUSSINGTON MEMBER	Diamicton	Anglian - Anglian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Ipswichian - Cromerian
	BGSB	Baginton Sand and Gravel Formation	Sand and Gravel	Pleistocene - Pleistocene
	RTD4	River Terrace Deposits, 4	Sand and Gravel	Quaternary - Quaternary
	RTD2	River Terrace Deposits, 2	Sand and Gravel	Quaternary - Quaternary
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Quaternary - Quaternary
	WOSG	Wolston Sand and Gravel	Sand and Gravel	Quaternary - Quaternary
	RTD3	River Terrace Deposits, 3	Sand and Gravel	Quaternary - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BAN	Blue Anchor Formation	Mudstone and Siltstone	Rhaetian - Norian
	MMG	Mercia Mudstone Group	Mudstone	Rhaetian - Early Triassic
		Rock Segments		



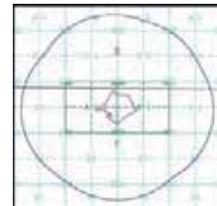
Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps. The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	2	Map ID:	1
Map Sheet No:	189	Map Sheet No:	184
Map Name:	Coventry	Map Name:	Warwick
Map Date:	1984	Map Date:	1984
Bedrock Geology:	Available	Bedrock Geology:	Available
Superficial Geology:	Available	Superficial Geology:	Available
Artificial Geology:	Available	Artificial Geology:	Available
Faults:	Not Supplied	Faults:	Not Supplied
Landslip:	Not Available	Landslip:	Available
Rock Segments:	Not Supplied	Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

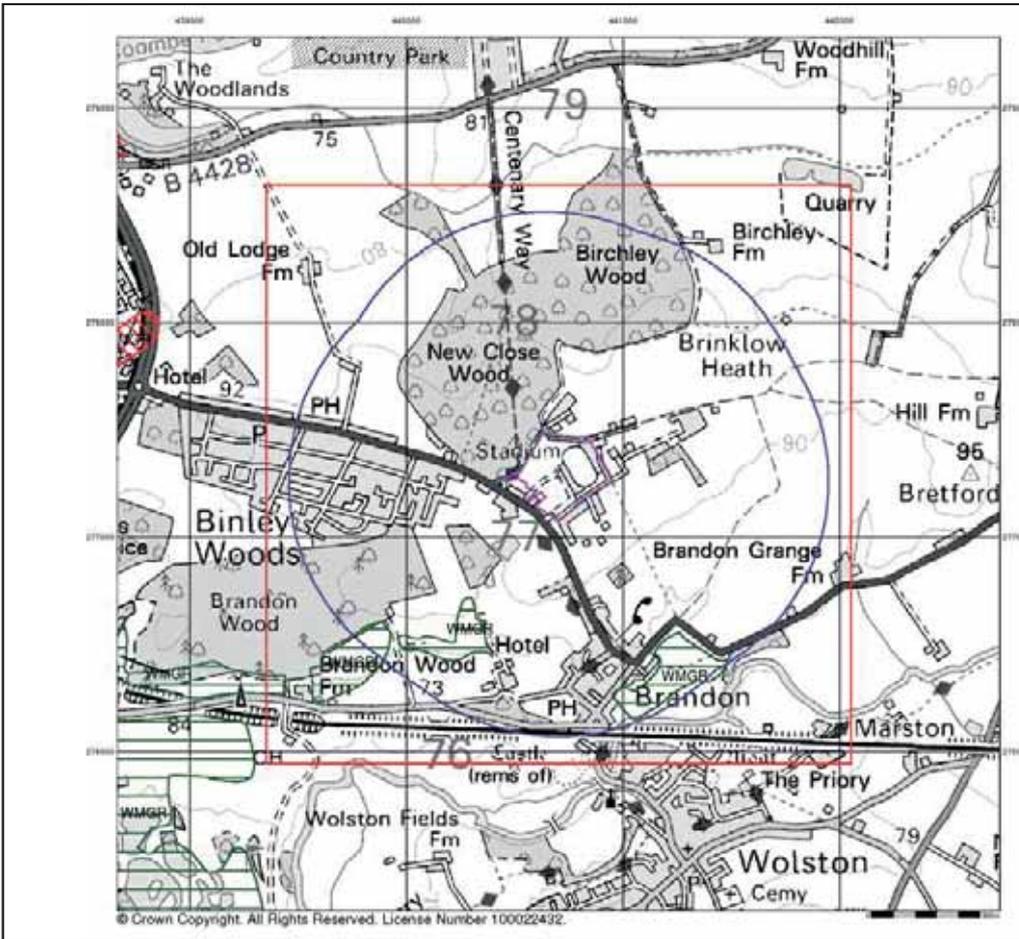
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 Customer Reference: C5887/MB
 National Grid Reference: 440700, 277200
 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details:

Rugby Road, Brandon, COVENTRY, CV8 3GJ



Tel: 0844 844 9562
 Fax: 0844 844 9991
 Web: www.geotech.co.uk



Artificial Ground and Landslip

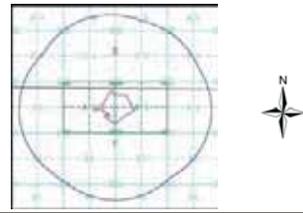
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

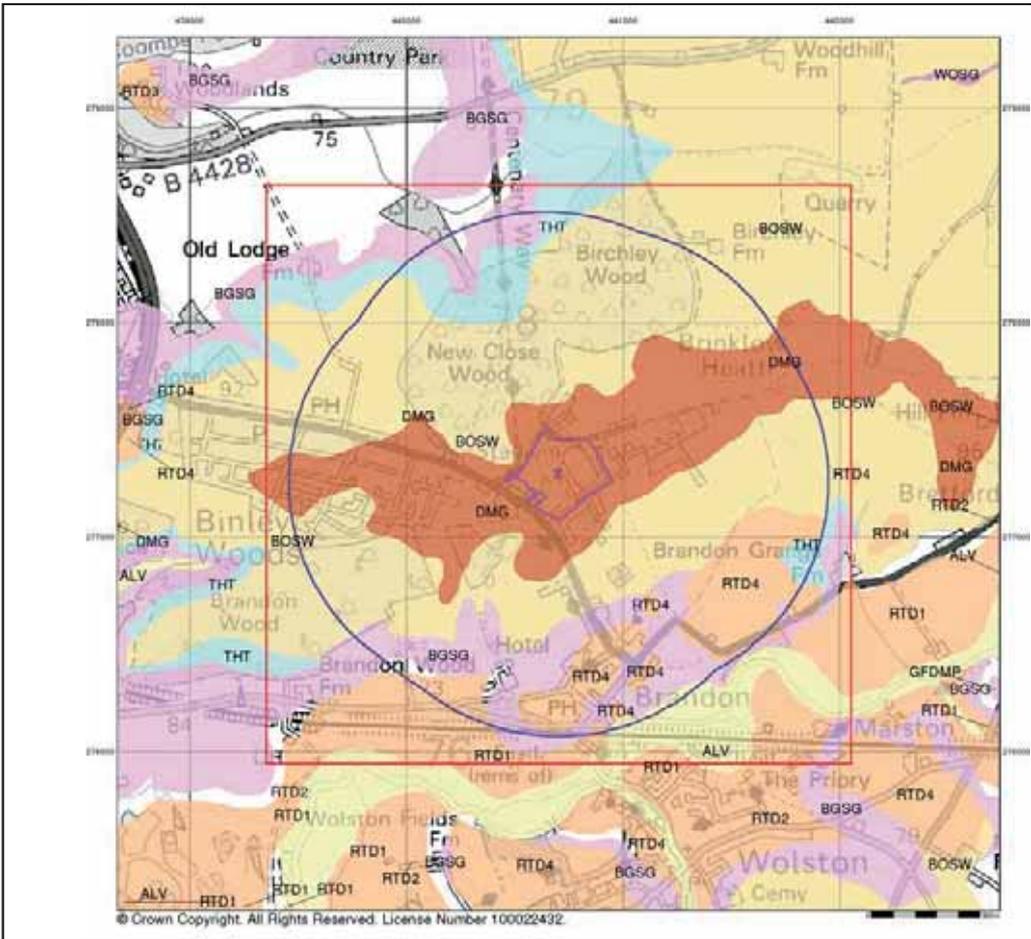
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 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details:

Rugby Road, Brandon, COVENTRY, CV8 3GJ



Tel: 0844 844 9562
 Fax: 0844 844 9991
 Web: www.earthrock.co.uk



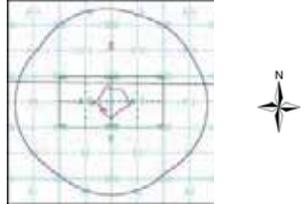
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

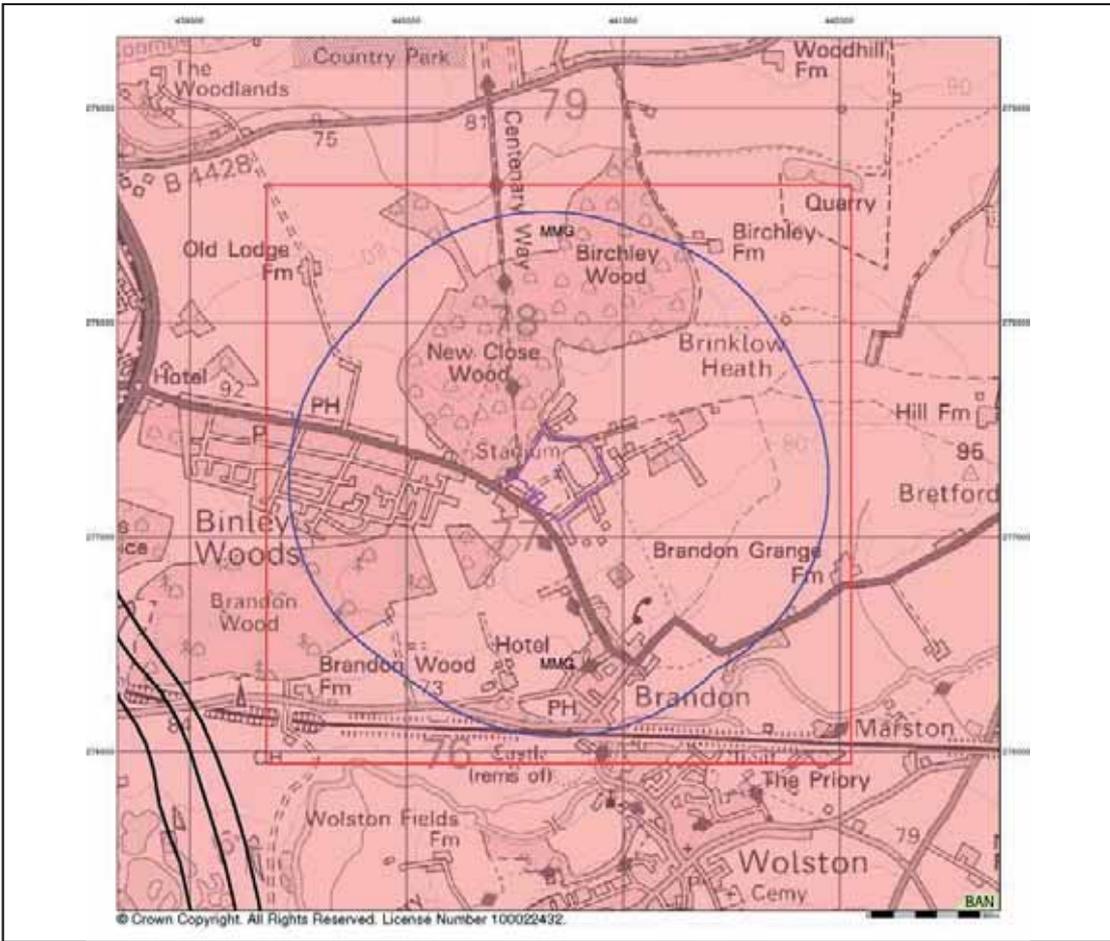
Order Number: 60089169_1_1
 Customer Reference: C5887/MB
 National Grid Reference: 440700, 277200
 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details:

Rugby Road, Brandon, COVENTRY, CV8 3GJ



Tel: 0844 844 9562
 Fax: 0844 844 9991
 Web: www.envisrock.co.uk



Bedrock and Faults

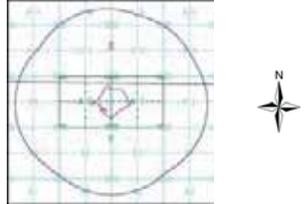
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

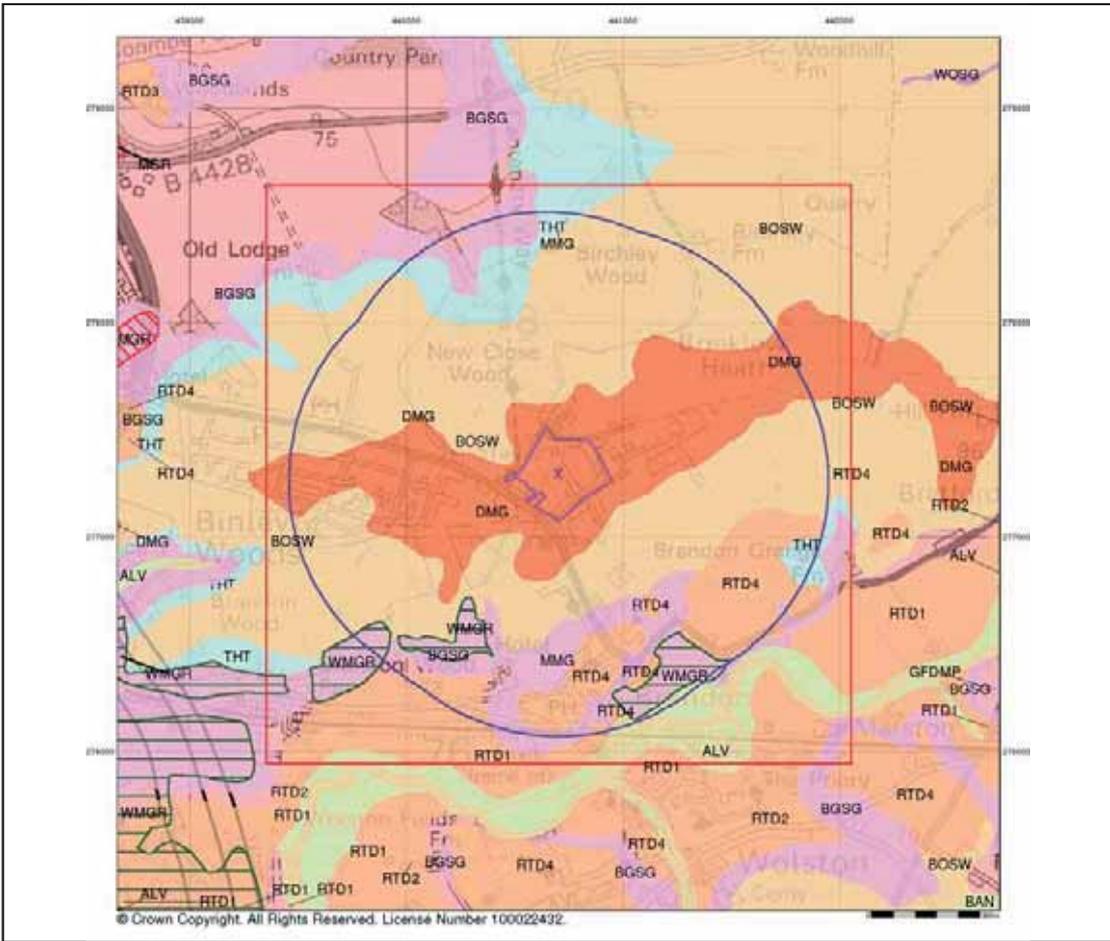
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 Customer Reference: C5887/MB
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 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details:

Rugby Road, Brandon, COVENTRY, CV8 3GJ



Tel: 0844 844 9952
 Fax: 0844 844 9991
 Web: www.environrock.co.uk



Combined Surface Geology

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

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

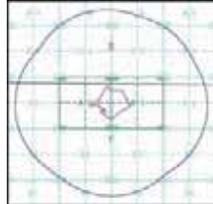
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

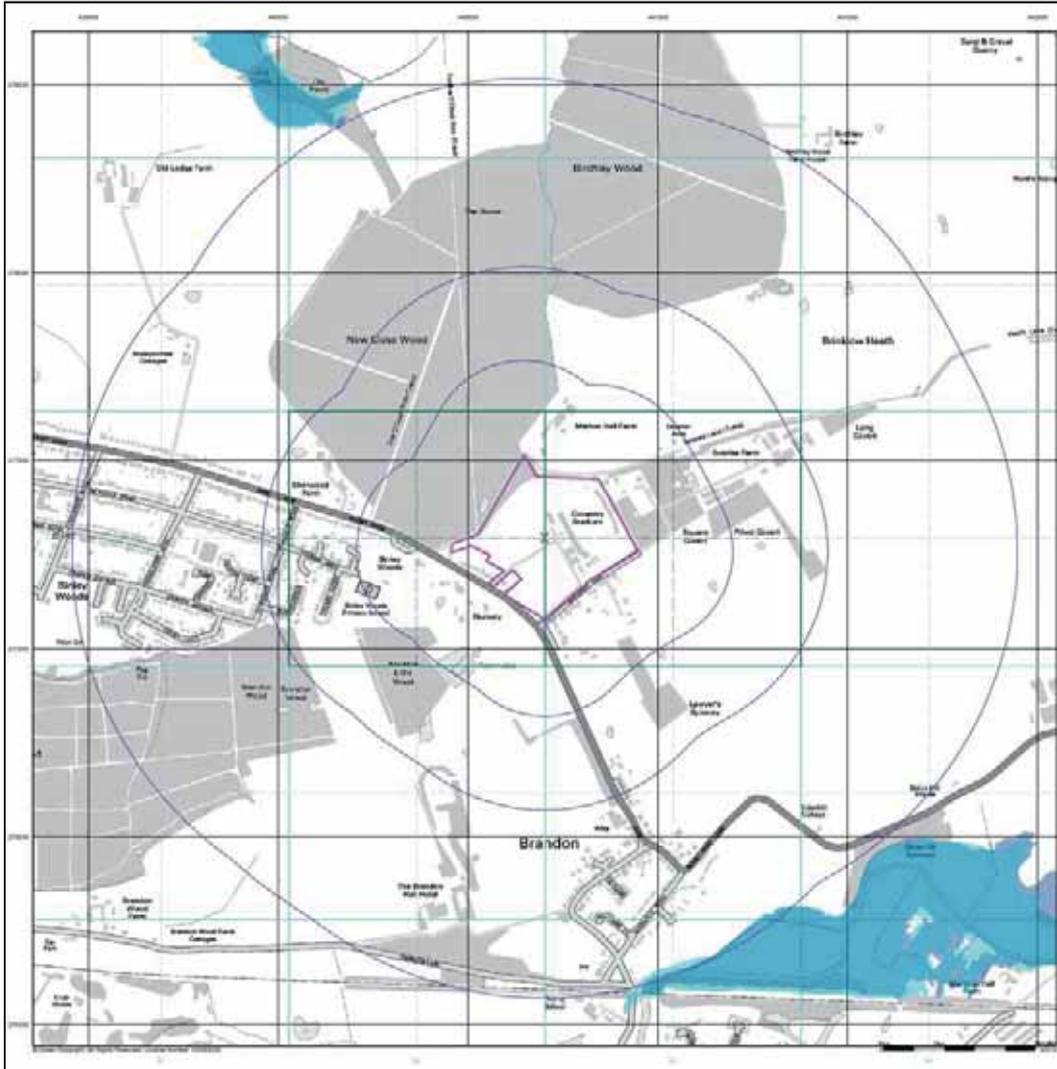
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 Customer Reference: C5887MB
 National Grid Reference: 440700, 277290
 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details:

Rugby Road, Brandon, COVENTRY, CV8 3GU



Tel: 0844 844 9952
 Fax: 0844 844 9991
 Web: www.earthcheck.co.uk



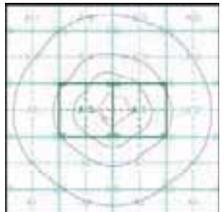
General

- Selected Site
- Selected Features
- X Missing Information

Agency and Hydrological (Flood)

- Extreme Flooding from River or Sea without Defences (Zone 1)
- Flooding from River or Sea without Defences (Zone 2)
- ▨ Areas Derelict from Flood Defences
- Flood Water Storage Areas
- Flood Defences

Flood Map - Slice A

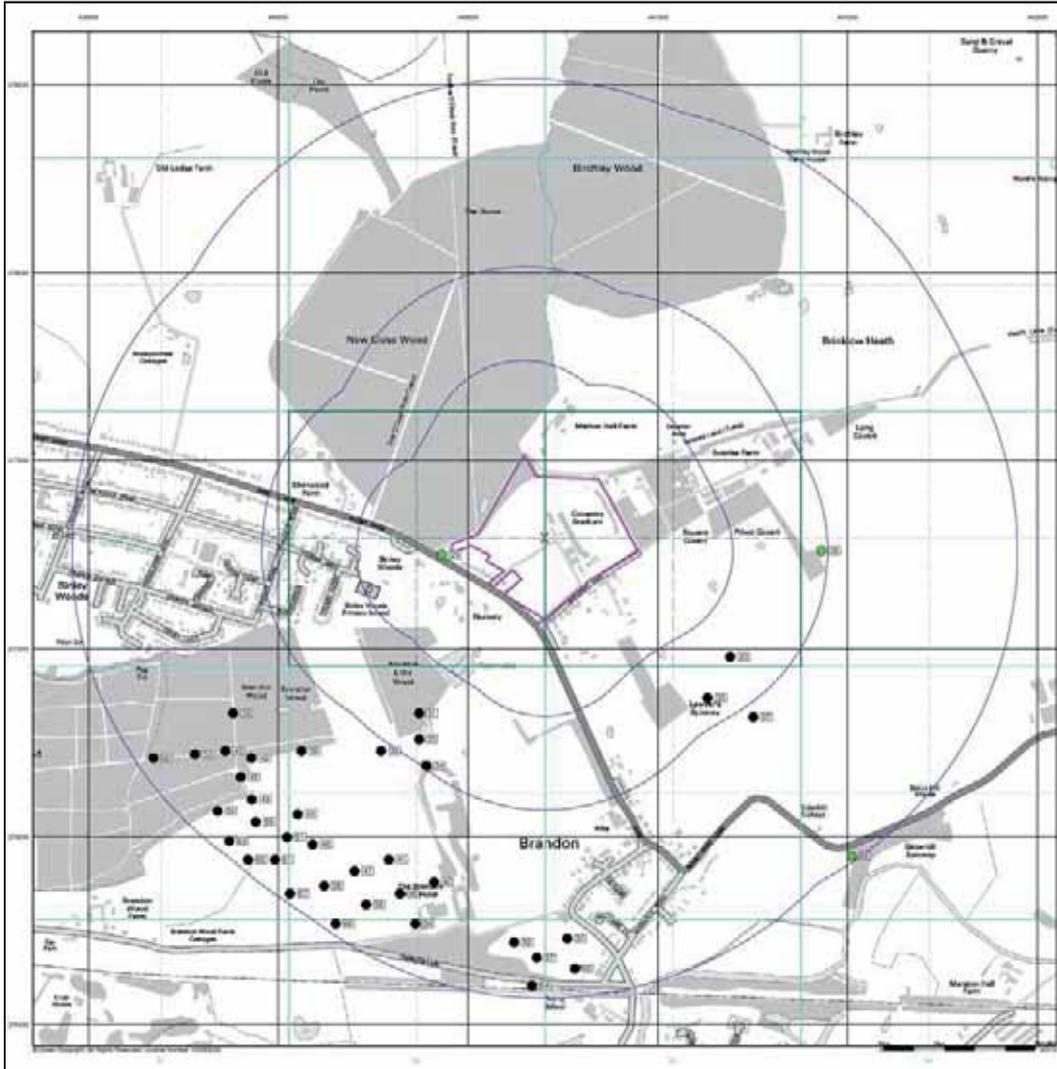


Order Details

Order Number: 60089169_1_1
 Customer Ref: C5887/MB
 National Grid Reference: 440700, 277290
 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ



General

- Specified Site
- Specified Buffer(s)
- Existing Infrastructure
- Area(s)
- Boundary of Type(s) Location

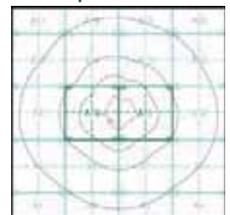
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30 - 50m
- Contaminated
- Other

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

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

Borehole Map - Slice A



Order Details

Order Number: 60089169_1_1
 Customer Ref: C5887/MB
 National Grid Reference: 440700, 277290
 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details

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



General

- Searched Site
- Searched Buffer
- X Searched Reference Point
- Area 6

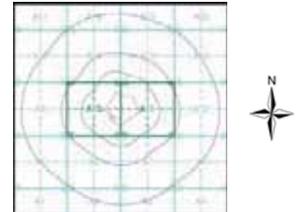
Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Unformed River
- Lake/Reservoir
- Off-site Drainage Feature
- Extended Culvert (greater than 10m)
- Underground River (interior)
- Underground River (social knowledge)
- Downstream of High Water Mark
- Downstream of Seasonal Extension
- Not assigned River Status

Contours (height in metres)

- Standard Contour
- Major Contour
- Spot Height
- 100m Mean Low Water
- 100m Mean High Water

EA/NRW Detailed River Network Map - Slice A



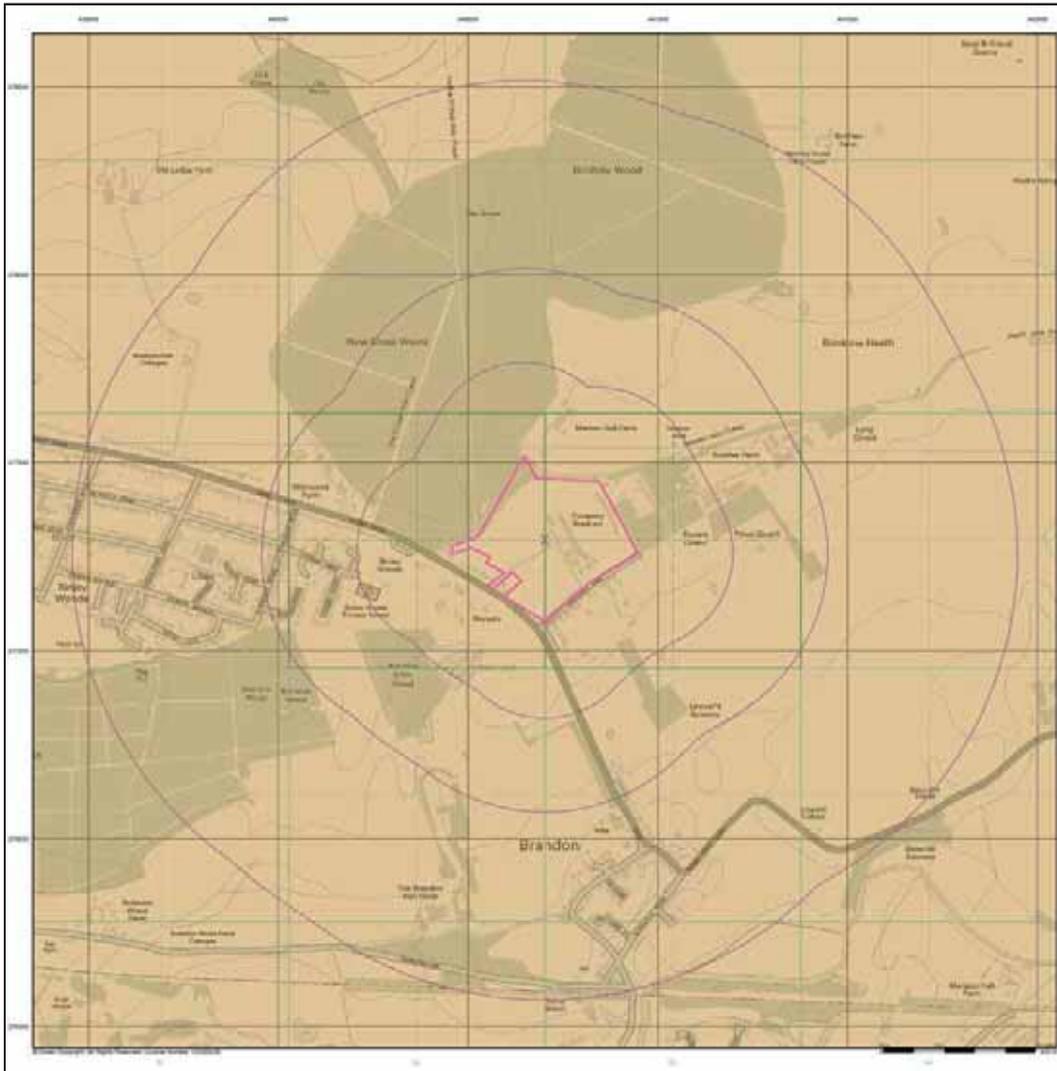
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 Customer Ref: C5887/MB
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Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ

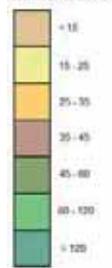
Landmark Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



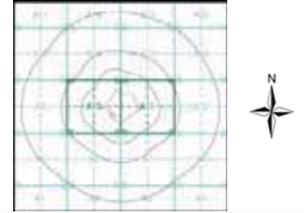
General
 Spectral Data Spectral Reflectance Weighted Average Map

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

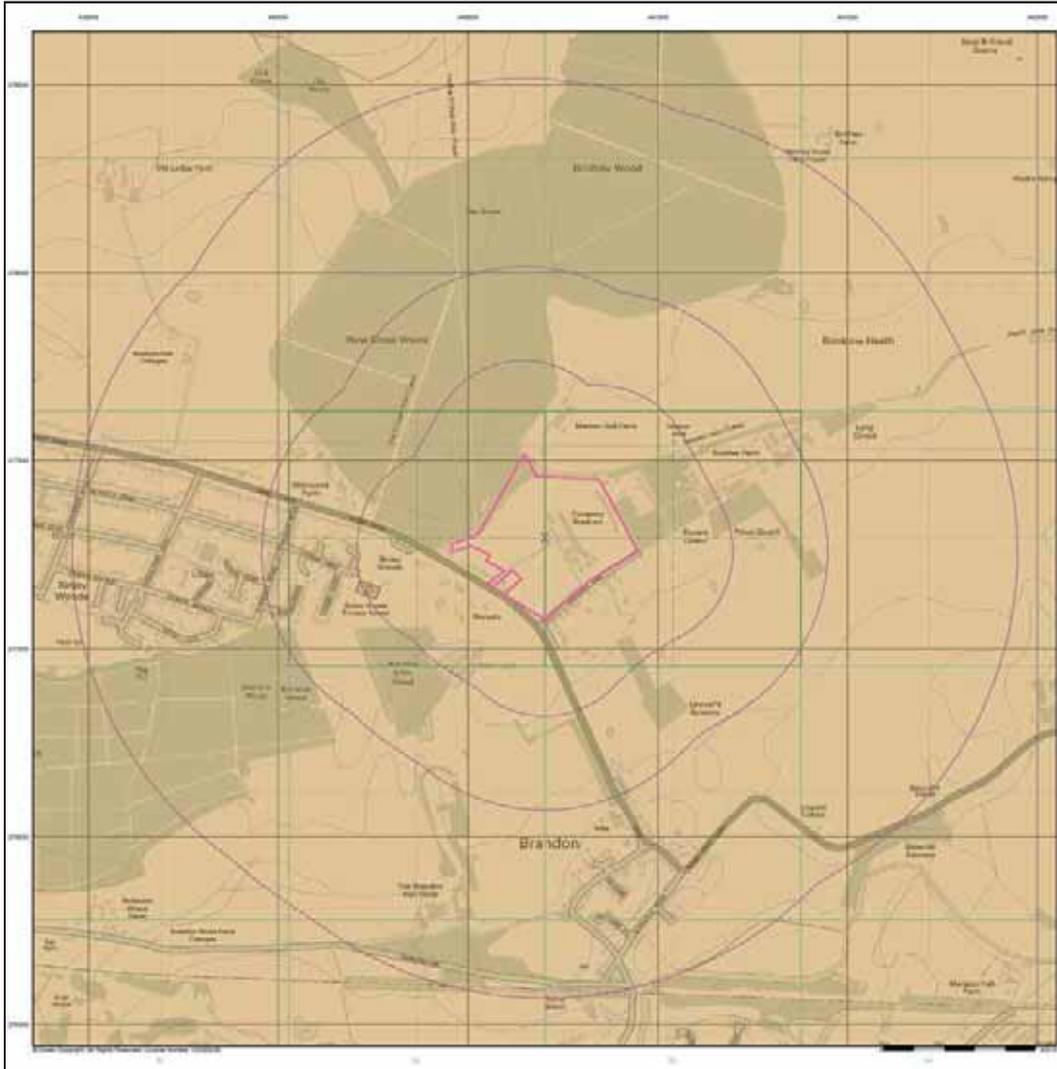


Estimated Soil Chemistry Arsenic - Slice A



Order Details
 Order Details: 60089169_1_1
 Customer Ref: C5887/MB
 National Grid Reference: 440700, 277290
 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details
 Rugby Road, Brandon, COVENTRY, CV8 3GJ

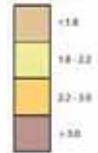


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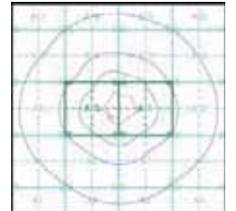
- Spectral Data
- Spectral Reflectance
- Weighted Average Map

Estimated Soil Chemistry Cadmium

Cadmium Concentrations (mg/kg)



Estimated Soil Chemistry Cadmium - Slice A



Order Details

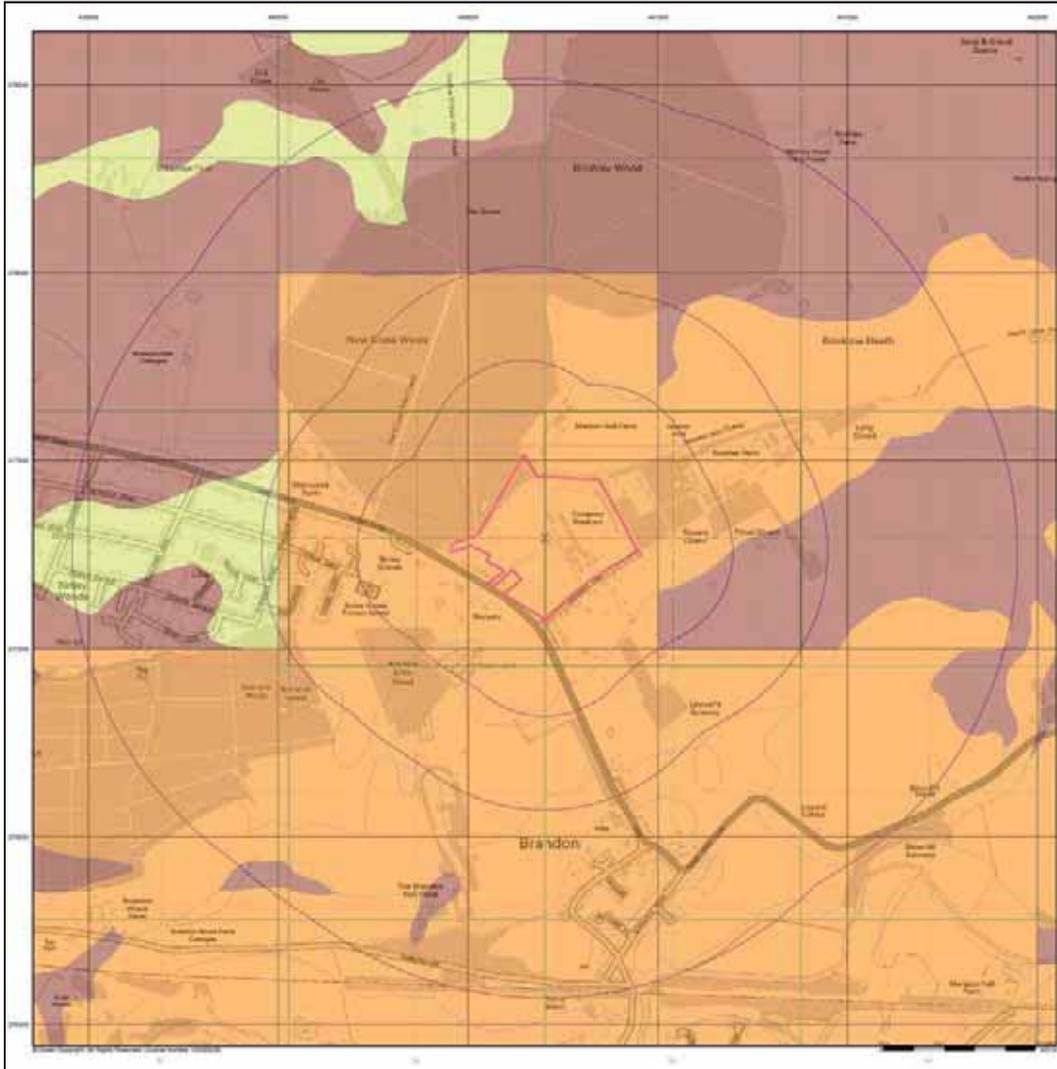
Order Details: 60089169_1_1
 Customer Ref: C5887/MB
 National Grid Reference: 440700, 277290
 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ



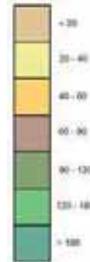
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.emirocheck.co.uk



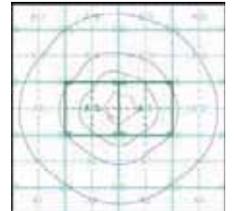
General
 Spectral Data Spectral Reflectance Weighted Average Data

Estimated Soil Chemistry Chromium

Chromium Concentrations (mg/kg)



Estimated Soil Chemistry Chromium - Slice A



Order Details

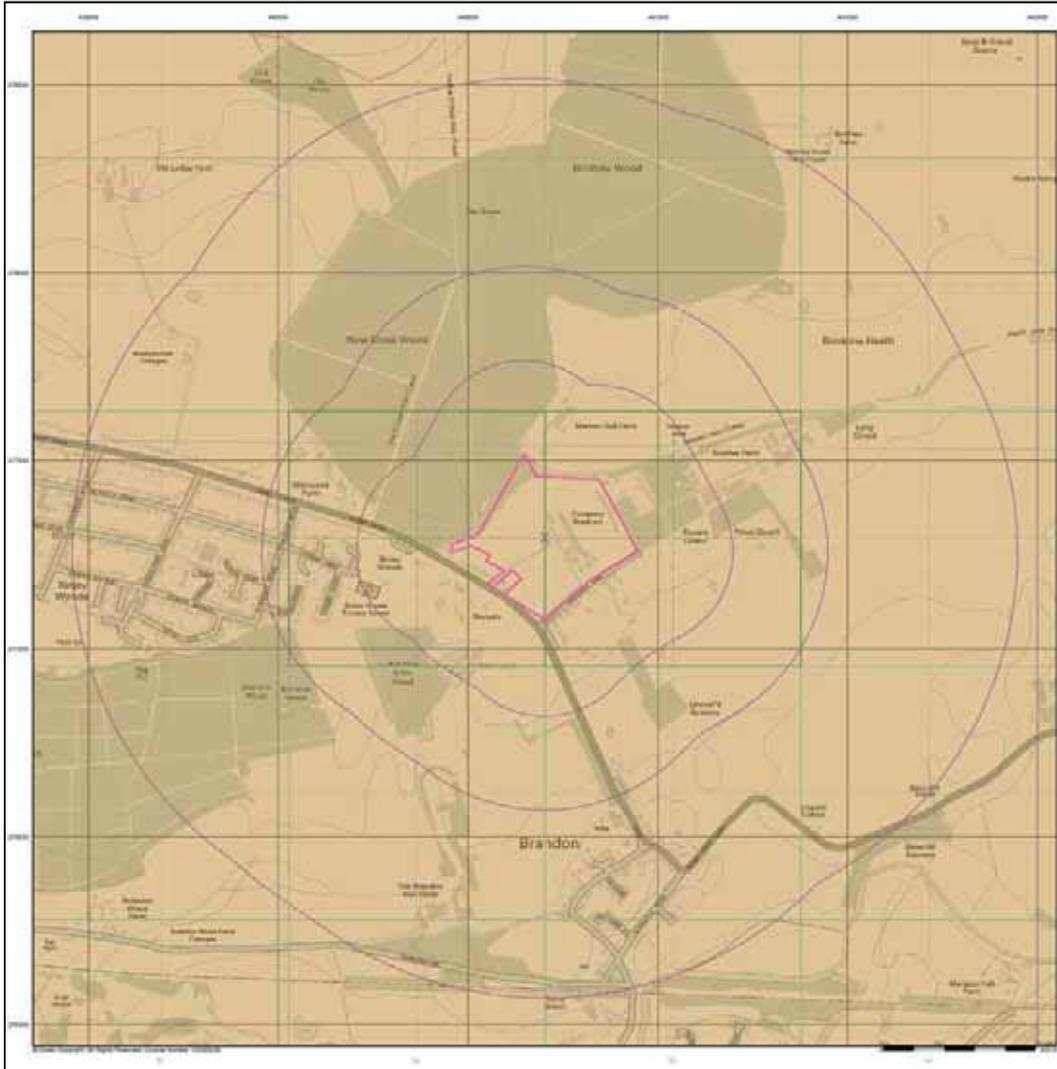
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 Customer Ref: C5887/MB
 National Grid Reference: 440700, 277290
 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ



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 Web: www.emirocheck.co.uk

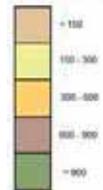


General

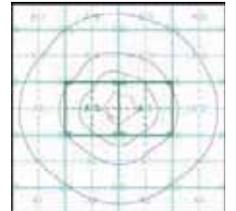
- Search Site
- Search Buffer
- Show Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

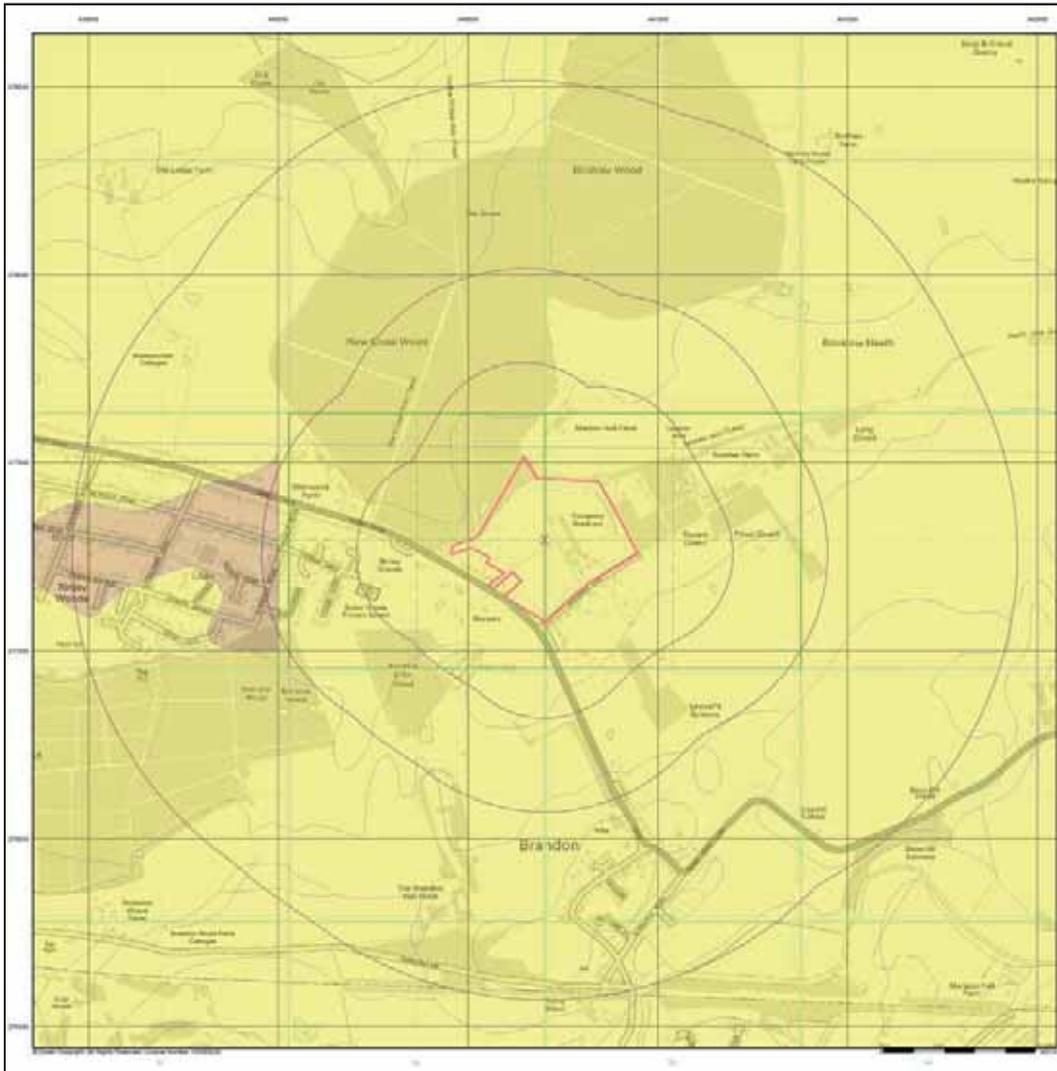
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 Customer Ref: C5887/MB
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Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ

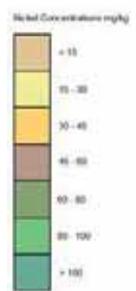


Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.emirocheck.co.uk

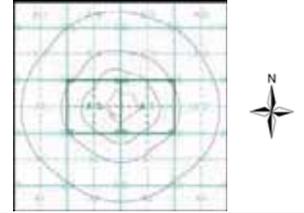


General
 General Site Search Buffer(s) Showing Reference Point

Estimated Soil Chemistry Nickel



Estimated Soil Chemistry Nickel - Slice A



Order Details
 Order Details: 60089169_1_1
 Customer Ref: C5887/MB
 National Grid Reference: 440700, 277290
 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details
 Rugby Road, Brandon, COVENTRY, CV8 3GJ

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

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit, Sand Pit, Other Pits, Quarry, Shingle, Orchard, Owers, Reeds, Marsh, Mixed Wood, Deciduous, Brushwood, Fir, Fuzes, Rough Pasture, Arrow denotes flow of water, Site of Antiquities, Pump, Guide Post, Signal Post, -265 Surface Level, Stashed 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, County Boundary (Geographical), County & Civil Parish Boundary, Administrative County & Civil Parish Boundary, County Borough Boundary (England), County Borough Boundary (Scotland), Rural District Boundary, Civil Parish Boundary

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry, Gravel Pit, Sand Pit, Drained Pit or Quarry, Refuse or Slag Heap, Lakes, Loch or Pond, Dunes, Boulders, Coniferous Trees, Non-Coniferous Trees, Orchard, Scrub, Coppice, Bracken, Heath, Rough Grassland, Marsh, Roads, Sittings, Building, Glasshouse, Skirting Masonry, Pylon, Electricity Transmission Line, 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, Borough, Burgh or County Constituency, Civil Parish, Boundary of local government areas

SP, SS Boundary Feet or Stone **PS** Police Station
CH Church **PO** Post Office
CH Club House **PC** Public Convenience
F E S Fire Engine Station **PH** Public House
FB Foot Bridge **SB** Signal Box
Fu Fountain **Sr** Spring
GP Guide Post **TCS** Telephone Call Box
MP Mile Post **TCP** Telephone Call Post
MS Mile Stone **W** Well

1:10,000 Raster Mapping

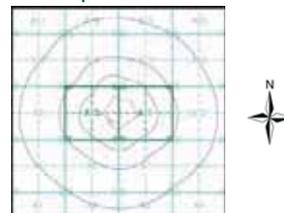
Gravel Pit, Refuse tip or slag heap, Rock, Rock (scattered), Boulders, Boulders (scattered), Shingle, Mud, Sand, Sand Pit, Fresh Slopes, Top of cliff, General detail, Underground detail, Overhead detail, Narrow gauge railway, Multi-track railway, Single track railway, County boundary (England only),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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pn
Warwickshire	1:10,560	1886 - 1887	2
Warwickshire	1:10,560	1906	3
Warwickshire	1:10,560	1919 - 1926	4
Warwickshire	1:10,560	1926	5
Warwickshire	1:10,560	1935	6
Warwickshire	1:10,560	1935	7
Historical Aerial Photography	1:10,560	1949	8
Ordnance Survey Plan	1:10,000	1955	9
Ordnance Survey Plan	1:10,000	1966 - 1967	10
Ordnance Survey Plan	1:10,000	1973	11
Ordnance Survey Plan	1:10,000	1982	12
Ordnance Survey Plan	1:10,000	1990 - 1992	13
10K Raster Mapping	1:10,000	2005	14
VectorMap Local	1:10,000	2014	15

Historical Map - Slice A



Order Details

Order Number: 60089169_1_1
 Customer Ref: C5887/MB
 National Grid Reference: 440700, 277290
 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ



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



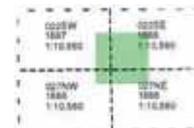
Warwickshire

Published 1886 - 1887

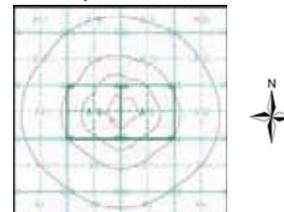
Source map scale - 1:10,560

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)



Historical Map - Slice A



Order Details

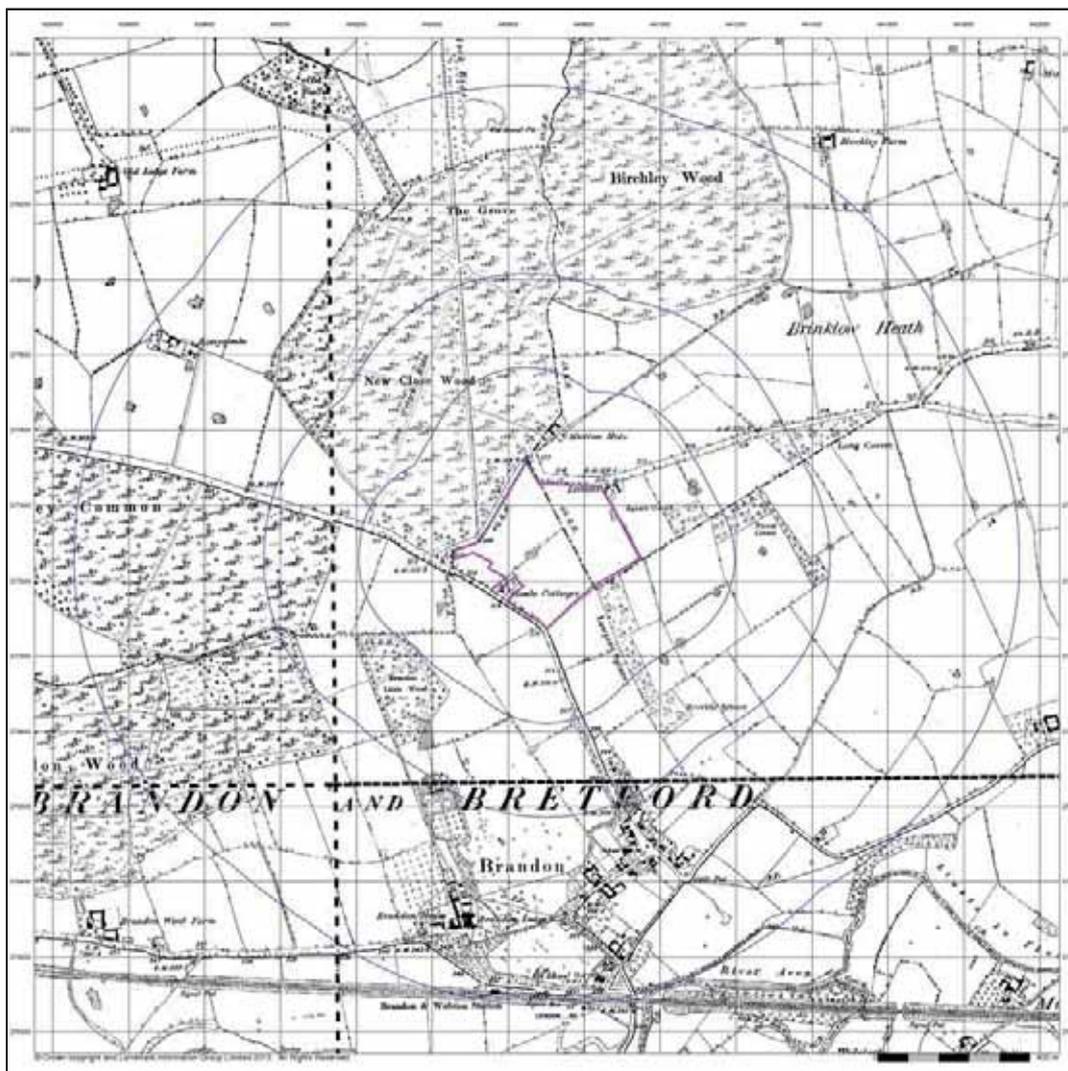
Order Number: 60089169_1_1
Customer Ref: C5887/MB
National Grid Reference: 440700, 277290
Slice: A
Site Area (Ha): 10.63
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Site Details

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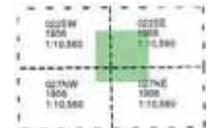
Warwickshire

Published 1906

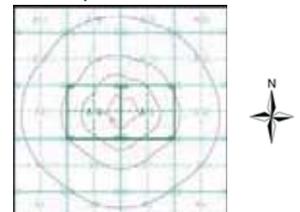
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

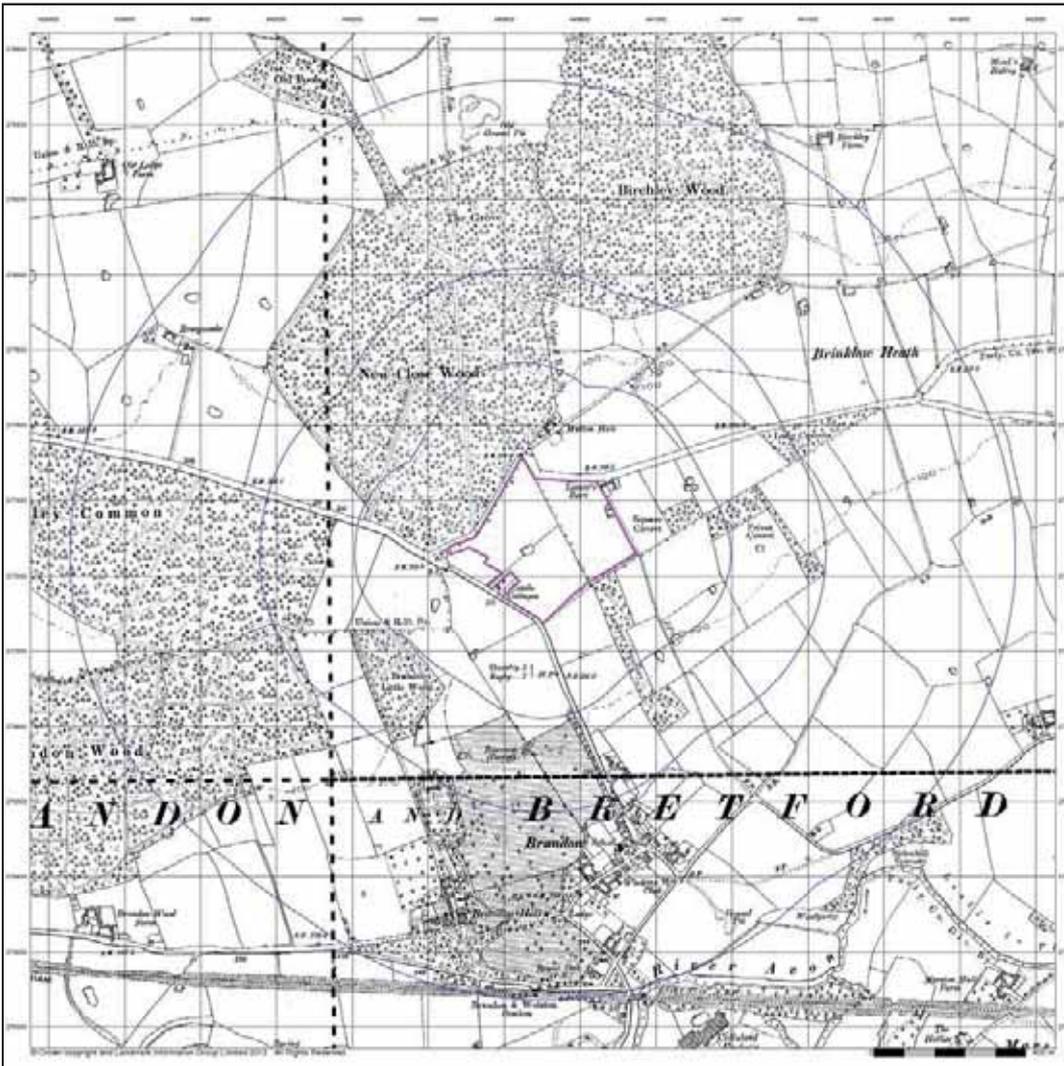
Order Number: 60089169_1_1
Customer Ref: C5887/MB
National Grid Reference: 440700, 277290
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Site Details

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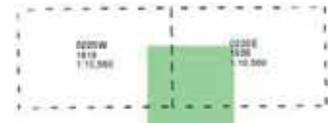
Warwickshire

Published 1919 - 1926

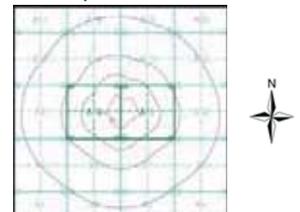
Source map scale - 1:10,560

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

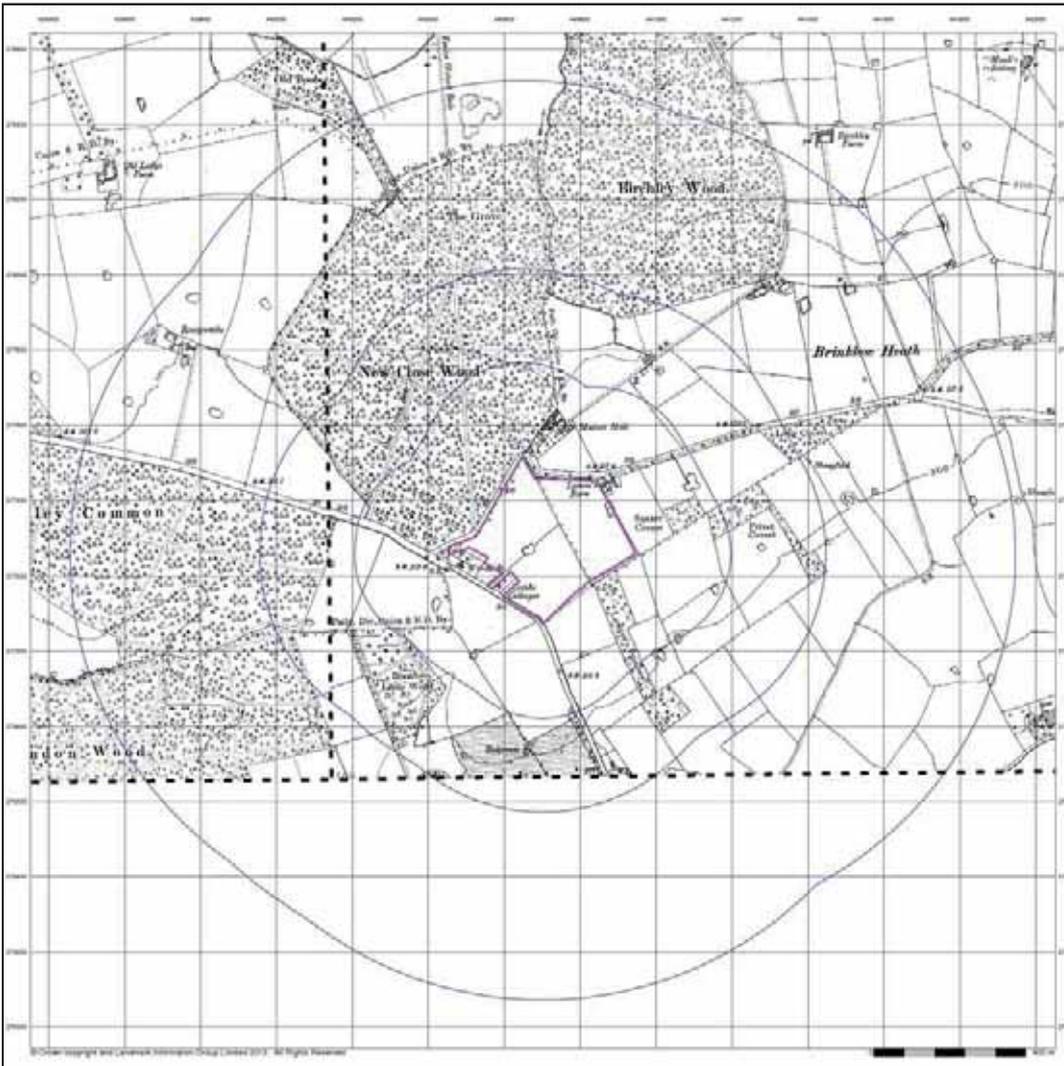
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Customer Ref: C5887/MB
National Grid Reference: 440700, 277290
Slice: A
Site Area (Ha): 10.63
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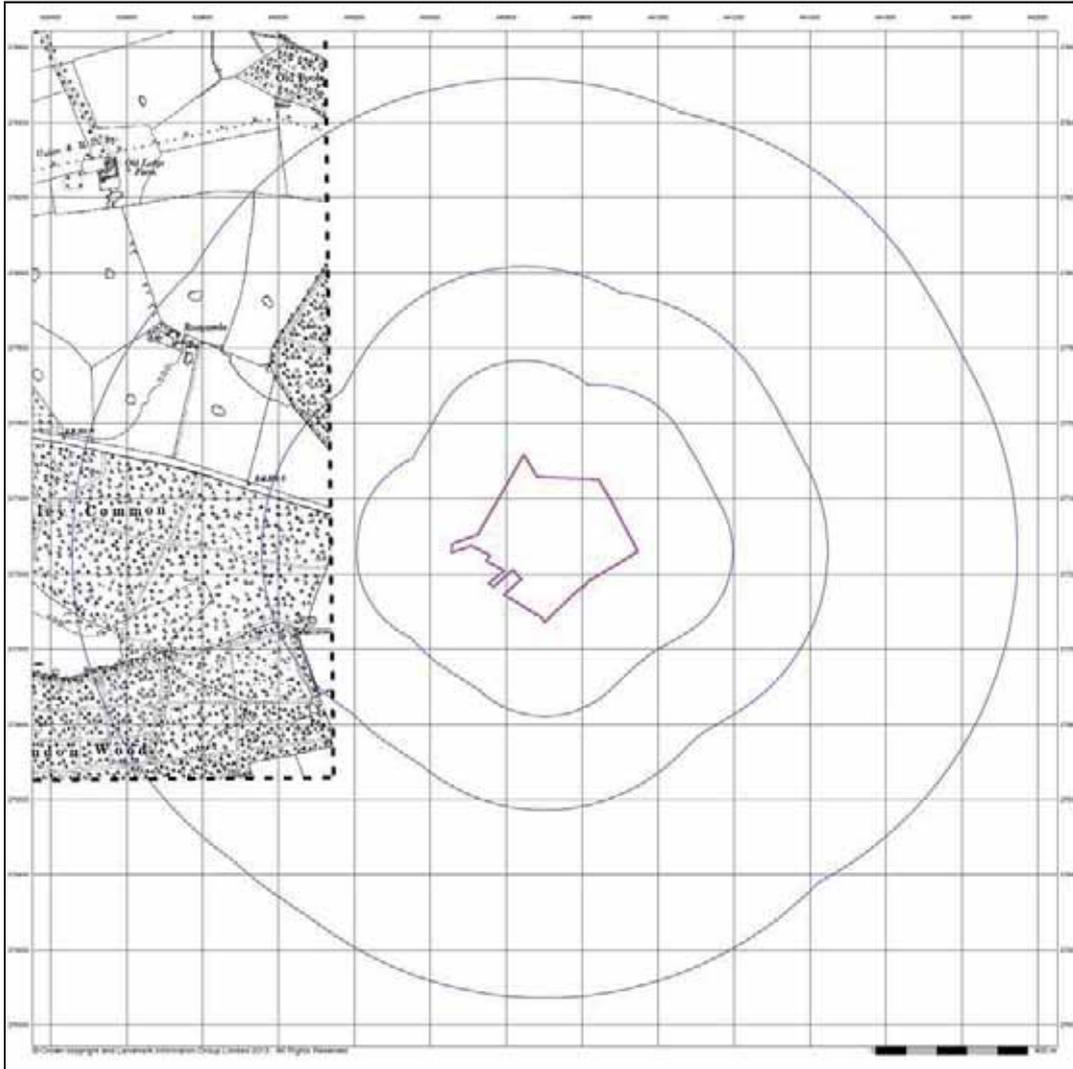
Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ



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





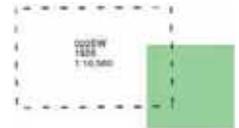
Warwickshire

Published 1926

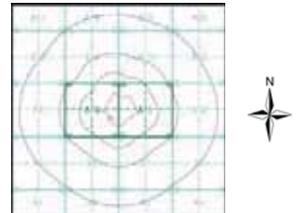
Source map scale - 1:10,560

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

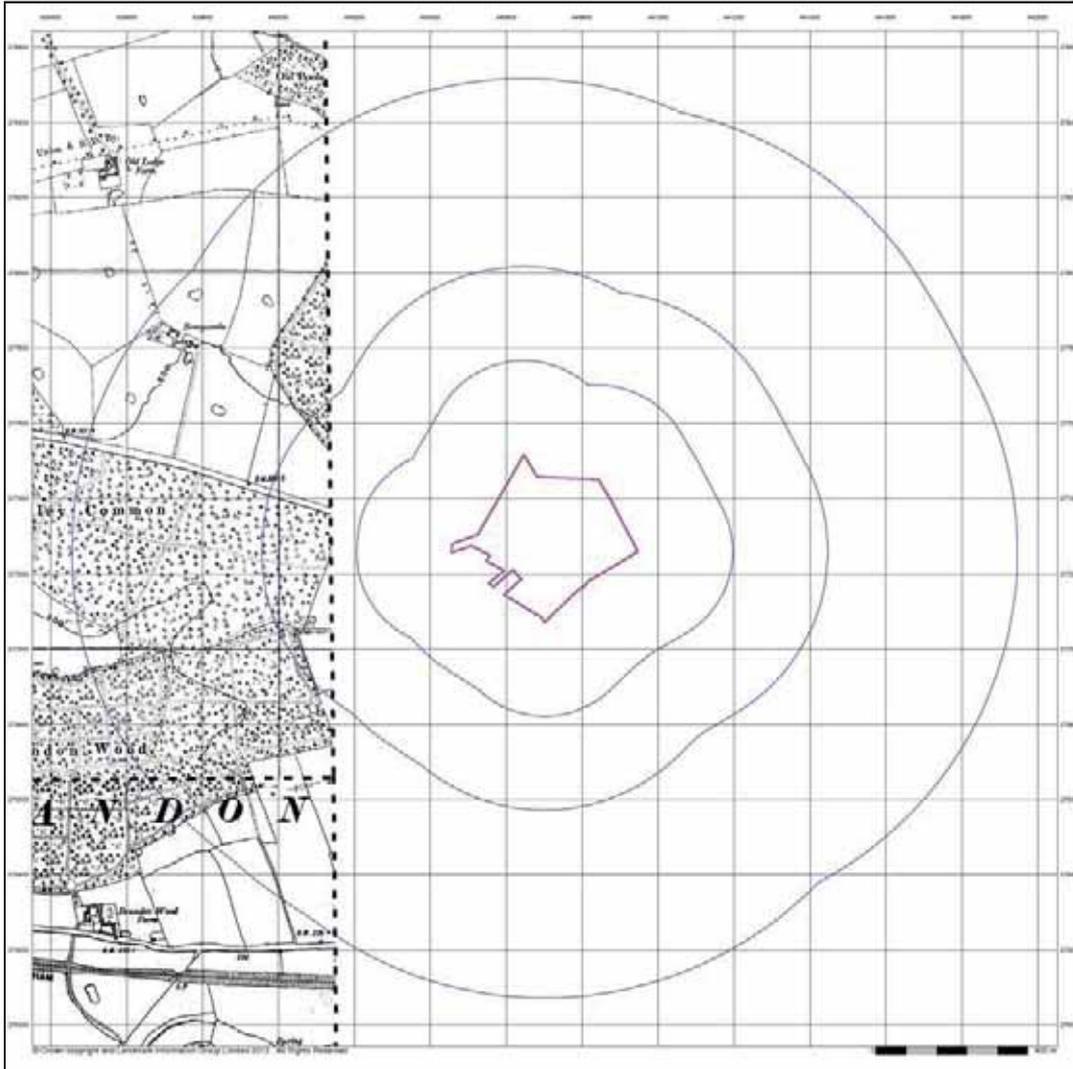
Order Number: 60089169_1_1
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Site Details

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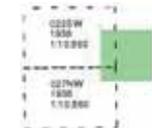


**Warwickshire
Published 1938**

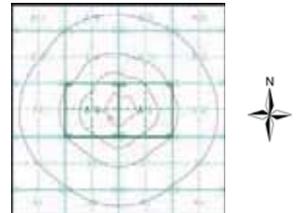
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

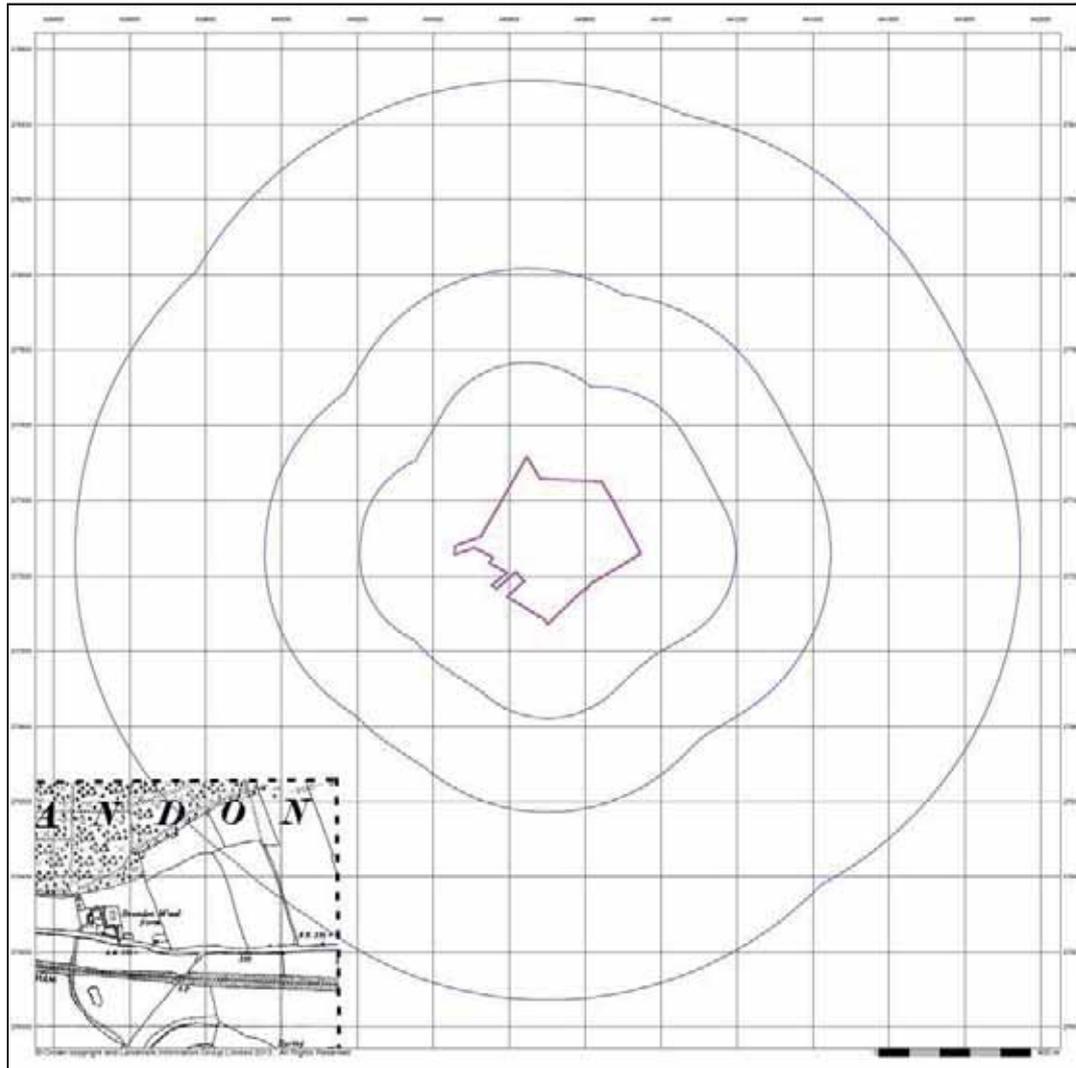
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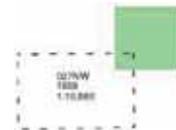
Warwickshire

Published 1938

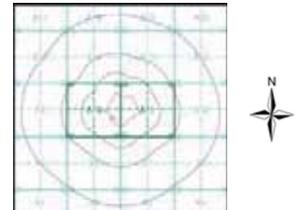
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 60089169_1_1
 Customer Ref: C5887/MB
 National Grid Reference: 440700, 277290
 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 1000

Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ



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 Web: www.emvirocheck.co.uk



Historical Aerial Photography Published 1949

Source map scale - 1:10,560

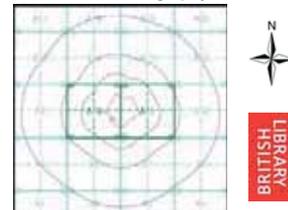
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

© Landmark Information Group and/or Data Suppliers 2010.

Map Name(s) and Date(s)

SP37NE 1949 1:10,560	SP47NW 1949 1:10,560
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Historical Aerial Photography - Slice A



Order Details

Order Number: 60089169_1_1
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National Grid Reference: 440700, 277290
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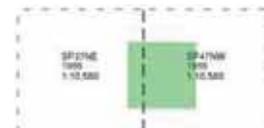
Tel: 0844 844 9952
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Web: www.envirocheck.co.uk



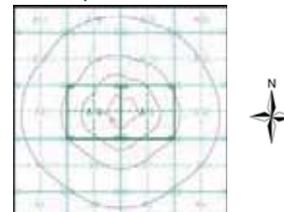
**Ordnance Survey Plan
Published 1955
Source map scale - 1:10,000**

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 60089169_1_1
Customer Ref: C5887/MB
National Grid Reference: 440700, 277290
Slice: A
Site Area (Ha): 10.63
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Site Details

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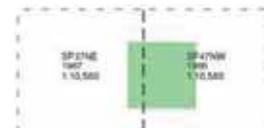




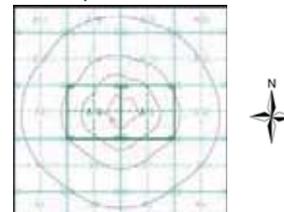
**Ordnance Survey Plan
Published 1966 - 1967
Source map scale - 1:10,000**

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

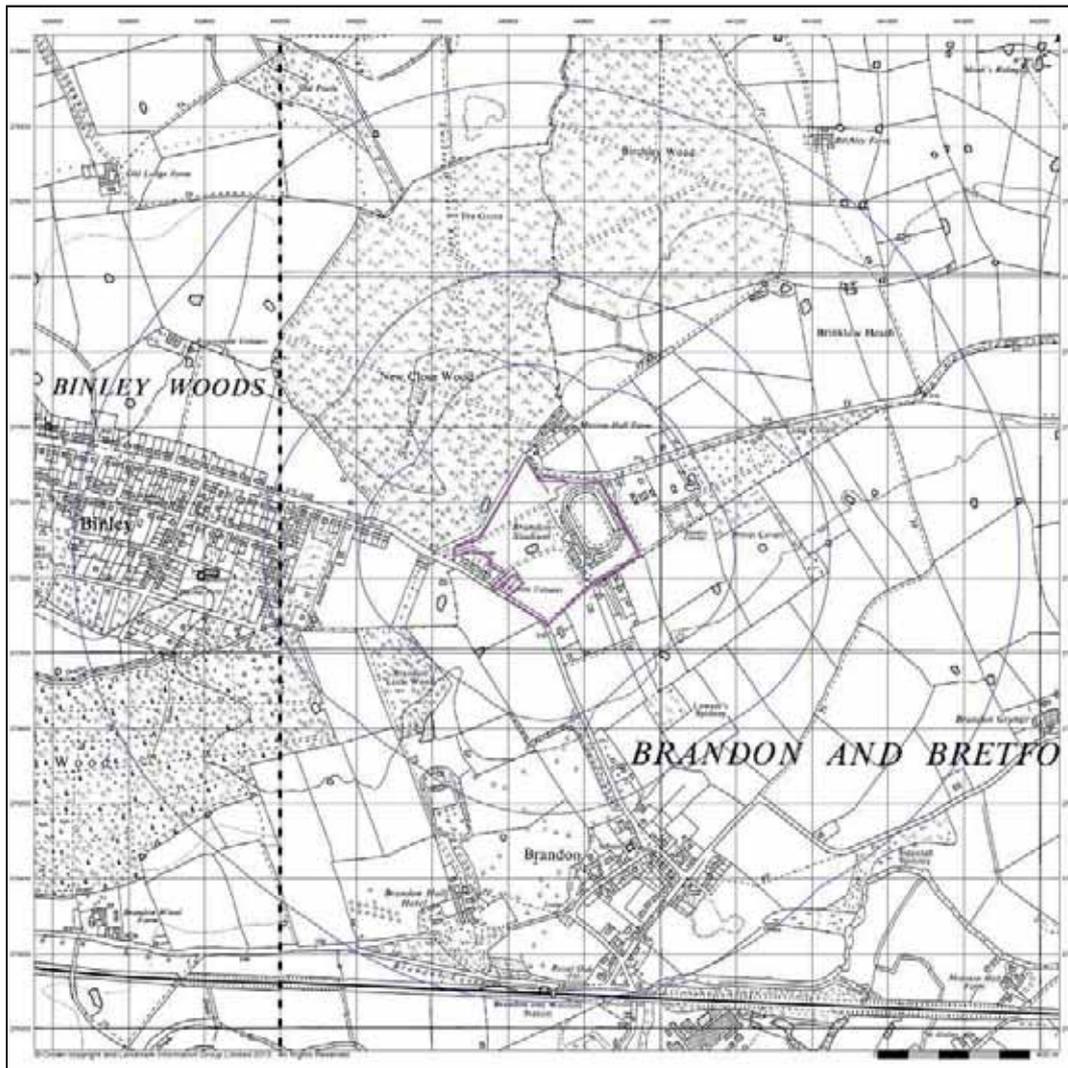
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Customer Ref: C5887/MB
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Slice: A
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Search Buffer (m): 1000

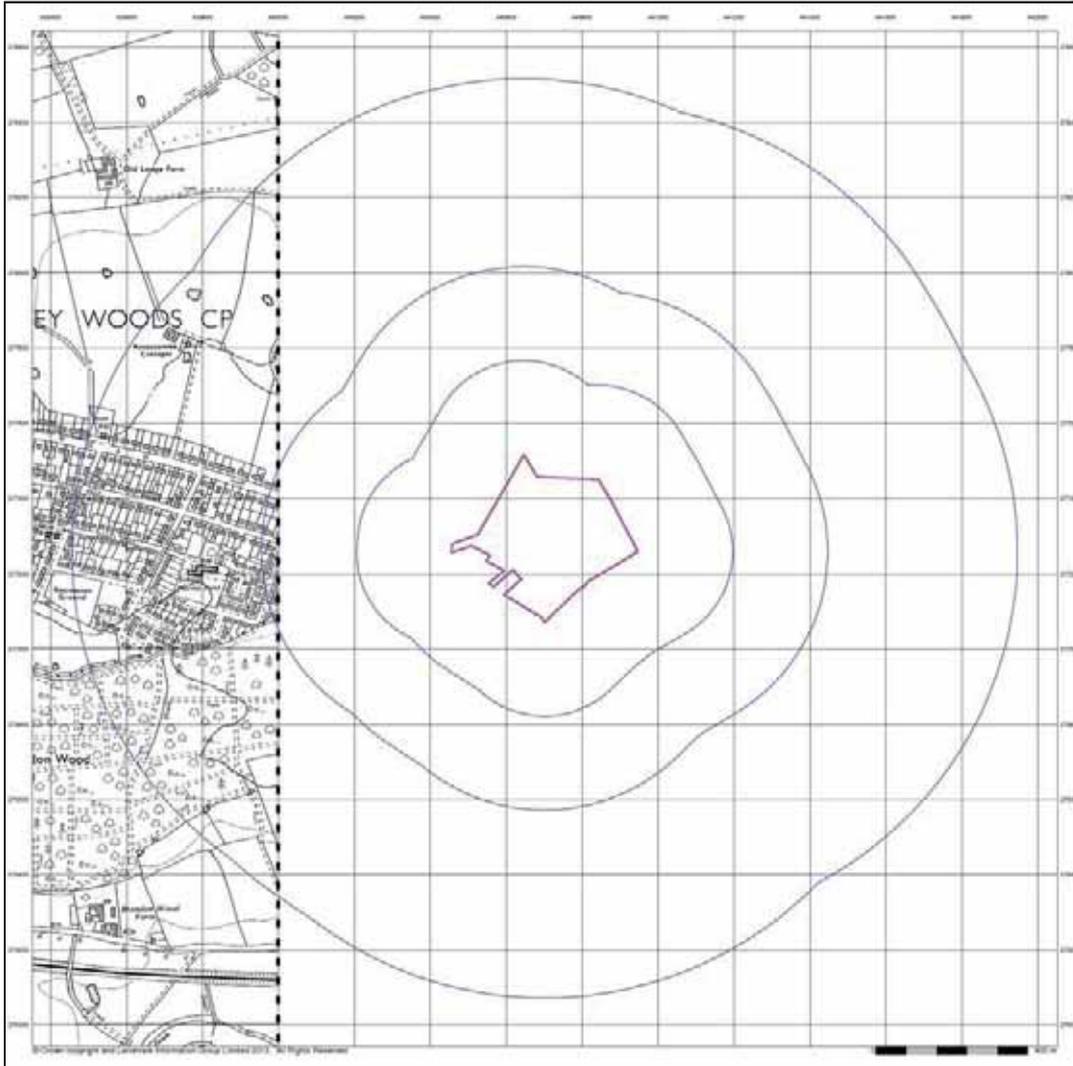
Site Details

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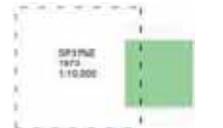


**Ordnance Survey Plan
Published 1973**

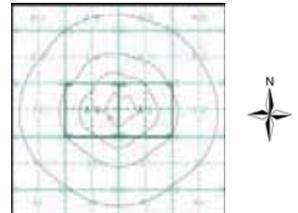
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 60089169_1_1
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 Site Area (Ha): 10.63
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Ordnance Survey Plan Published 1982

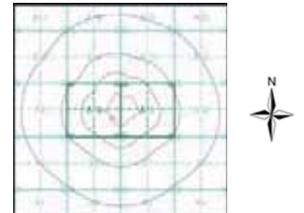
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

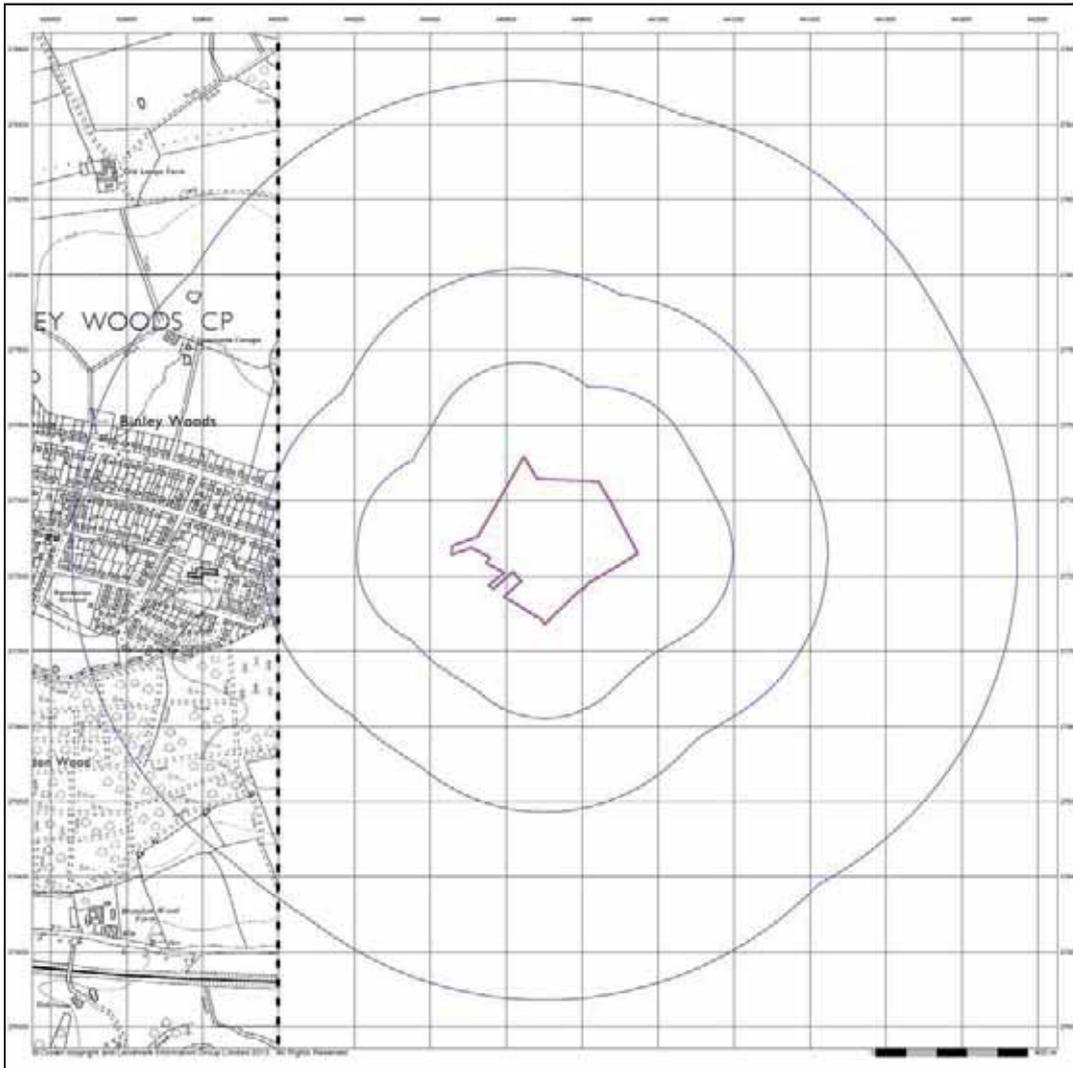
Order Number: 60089169_1_1
Customer Ref: C5887/MB
National Grid Reference: 440700, 277290
Slice: A
Site Area (Ha): 10.63
Search Buffer (m): 1000

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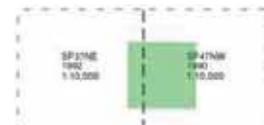




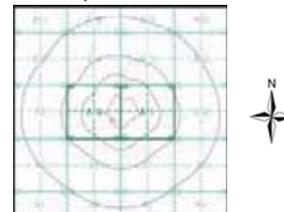
**Ordnance Survey Plan
Published 1990 - 1992
Source map scale - 1:10,000**

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 1:10,000 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 1:10,000 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: 60089169_1_1
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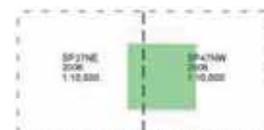
10k Raster Mapping

Published 2006

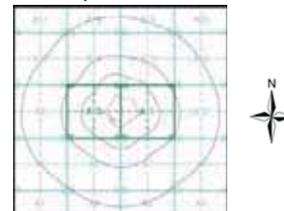
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

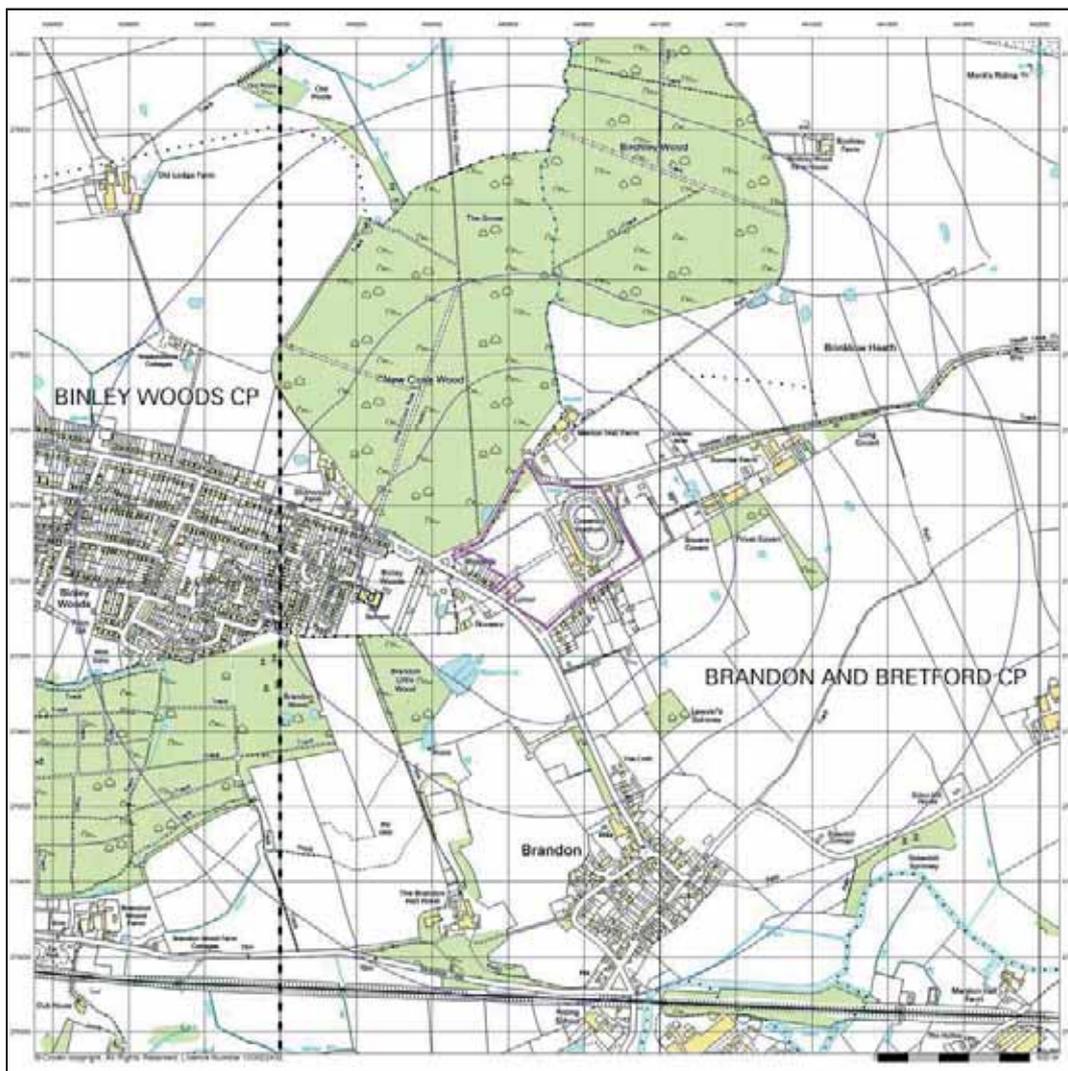
Order Number: 60089169_1_1
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National Grid Reference: 440700, 277290
Slice: A
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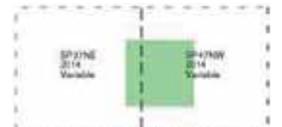


**VectorMap Local
Published 2014**

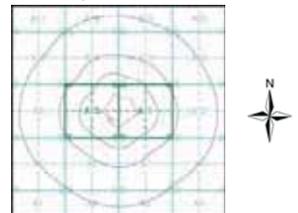
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 60089169_1_1
 Customer Ref: C5887/MB
 National Grid Reference: 440700, 277290
 Slice: A
 Site Area (Ha): 10.63
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Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ



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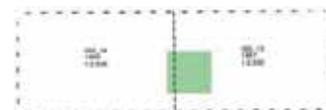
Warwickshire

Published 1886 - 1887

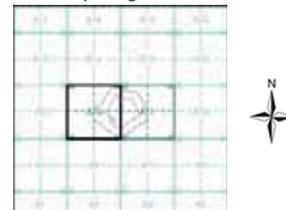
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

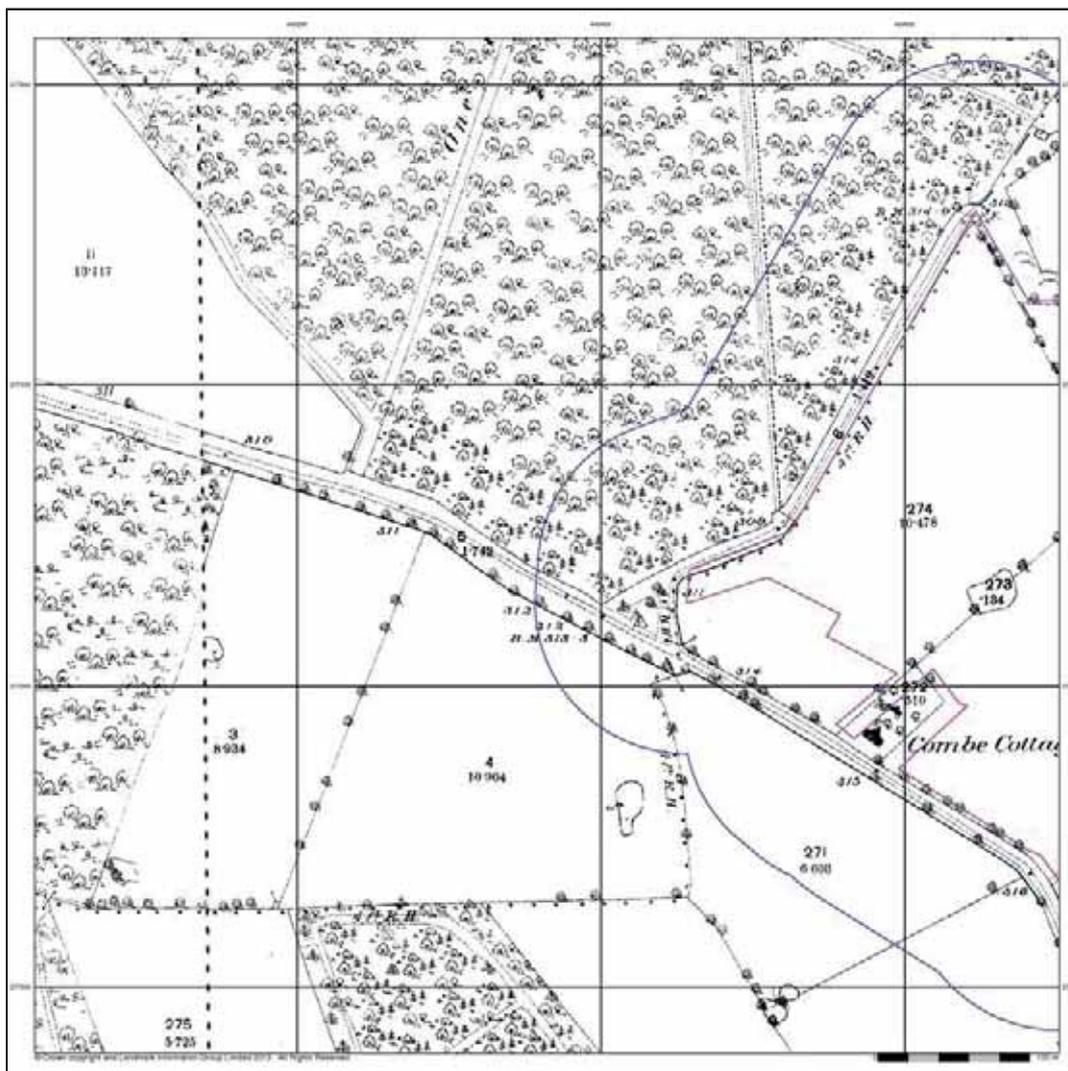
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National Grid Reference: 440700, 277290
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Search Buffer (m): 100

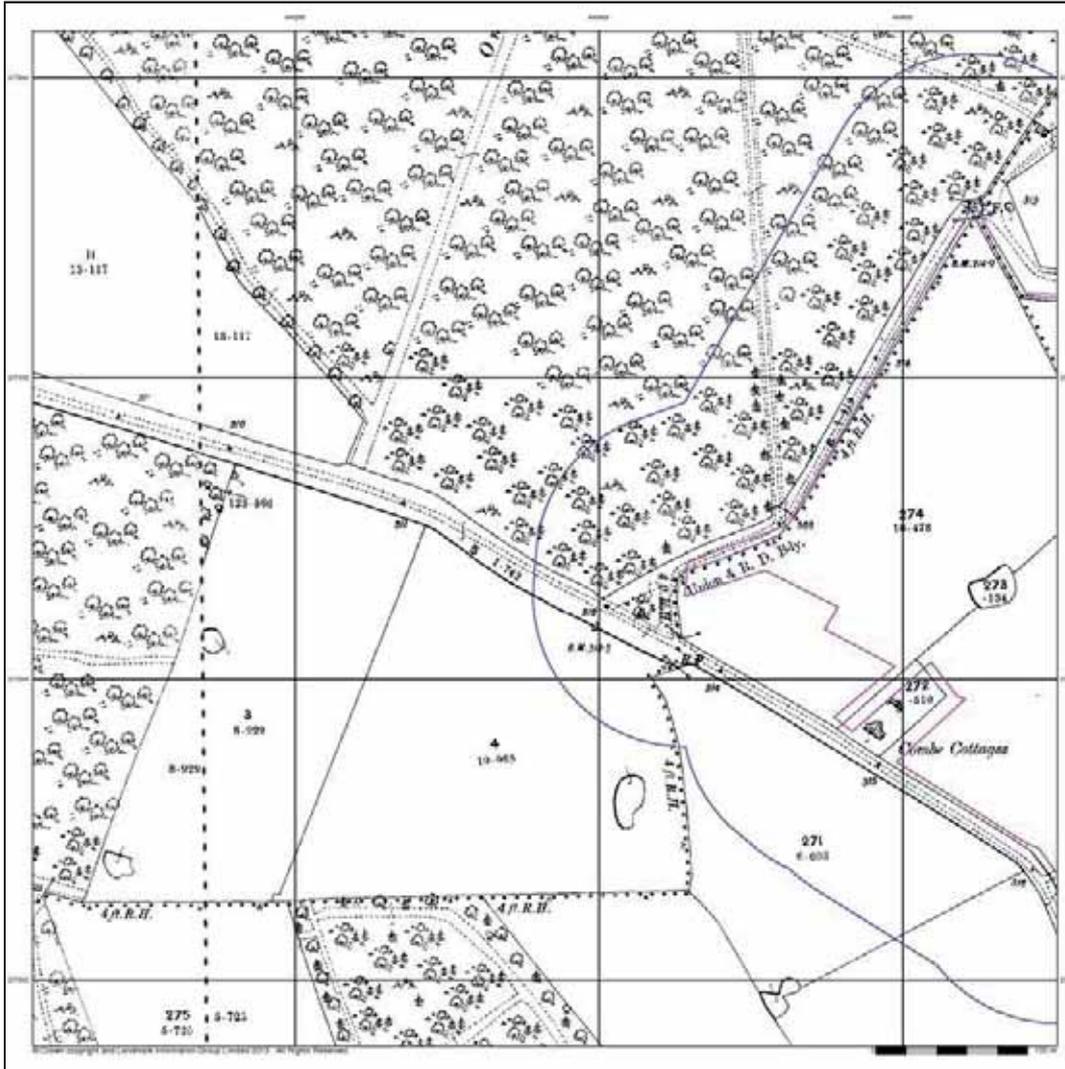
Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ



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Web: www.emischeck.co.uk

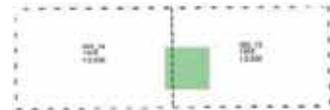




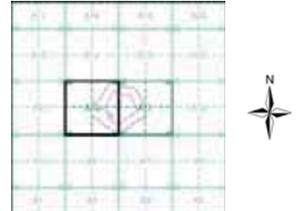
Warwickshire
Published 1905
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

Order Number: 60089169_1_1
 Customer Ref: C5887/MB
 National Grid Reference: 440700, 277290
 Slice: A
 Site Area (Ha): 10.63
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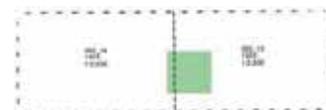
Warwickshire

Published 1925

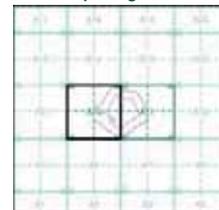
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

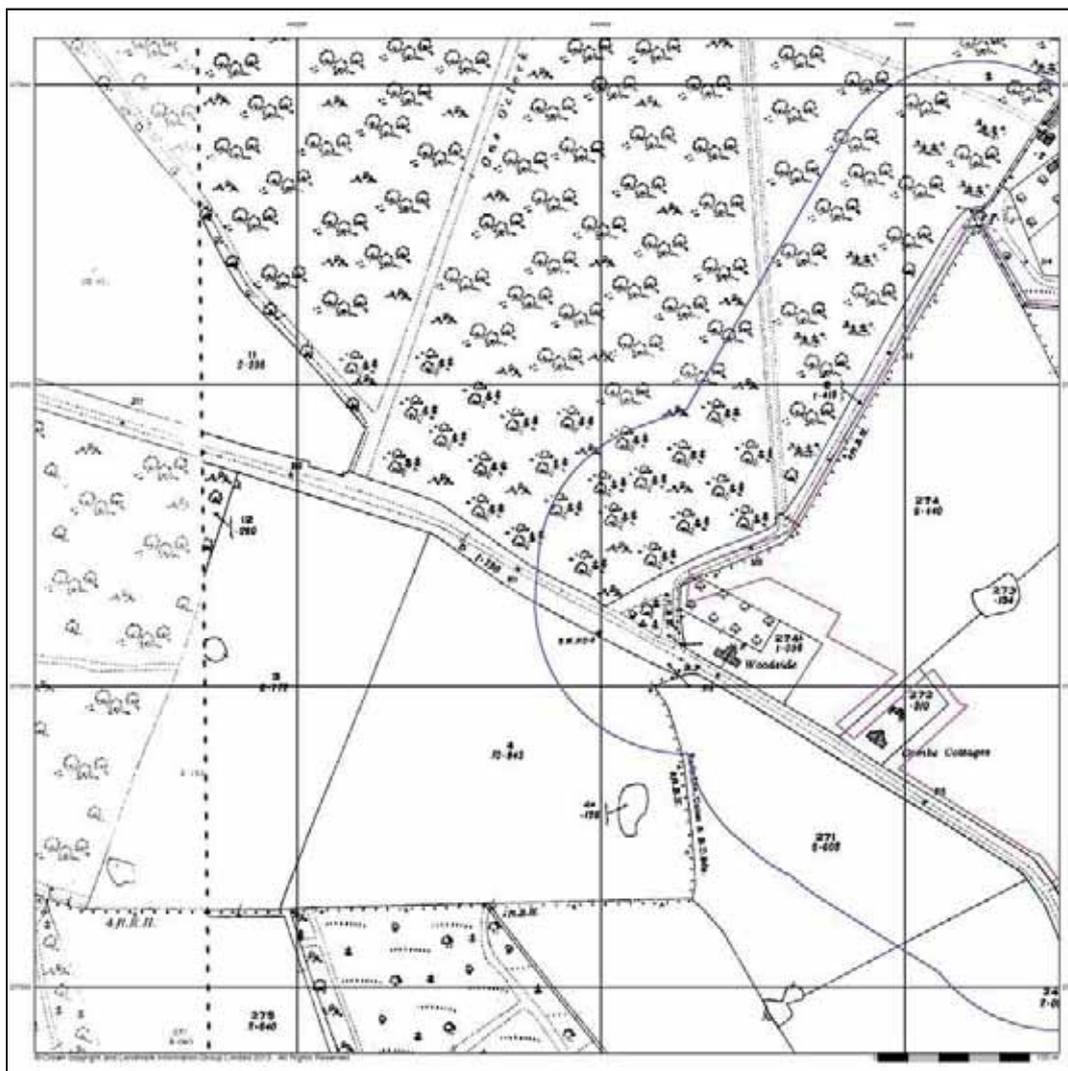
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National Grid Reference: 440700, 277290
Slice: A
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Site Details

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Warwickshire

Published 1938

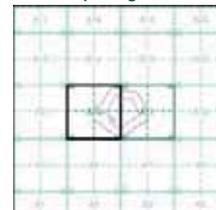
Source map scale - 1:2,500

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Historical Map - Segment A10



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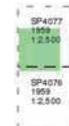


Ordnance Survey Plan Published 1959

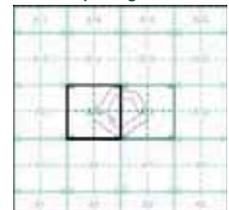
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A10



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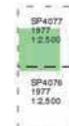


Ordnance Survey Plan Published 1977

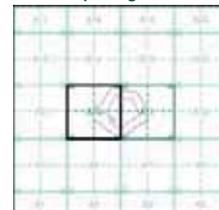
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

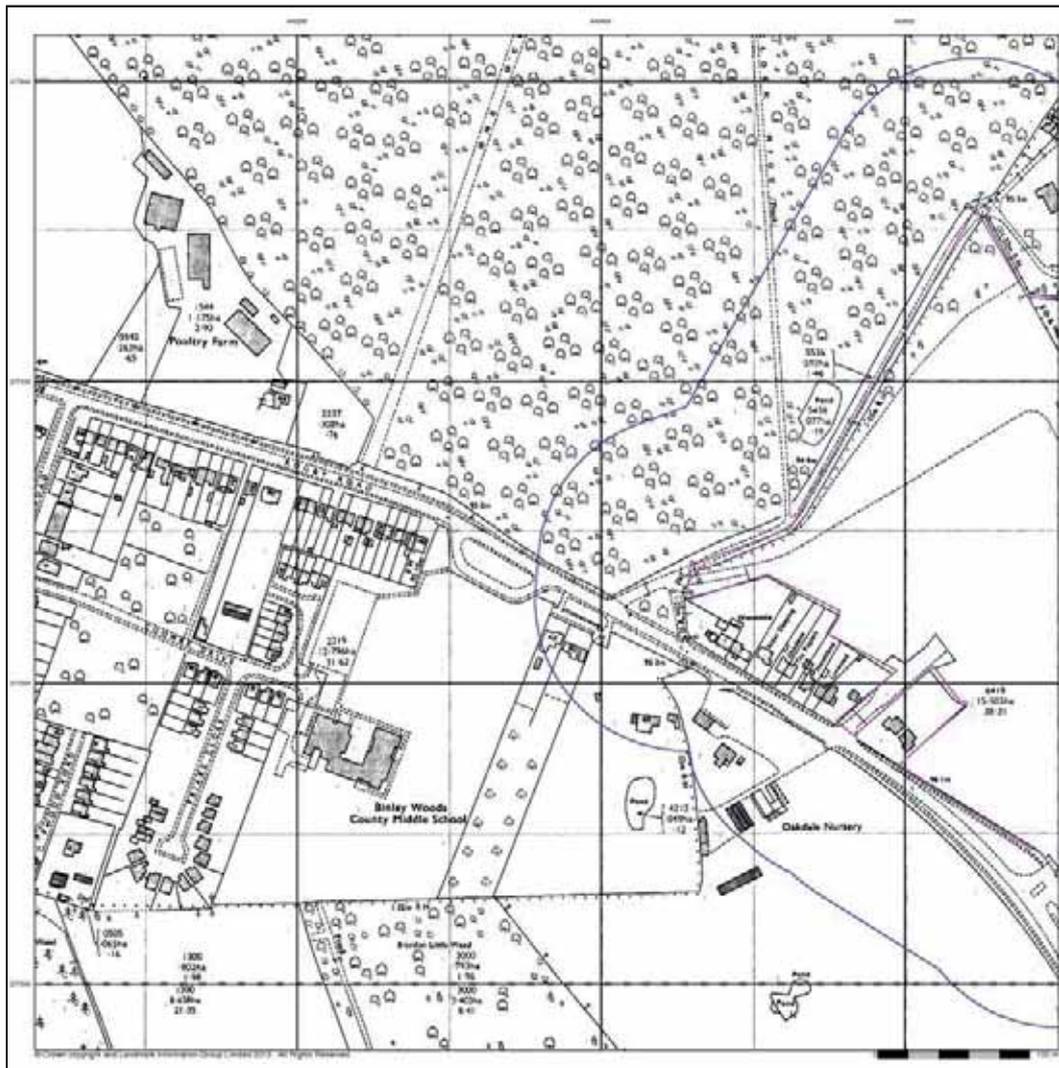
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Slice: A
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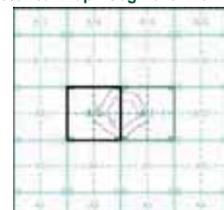
Additional SIMs
Published 1988 - 1991
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

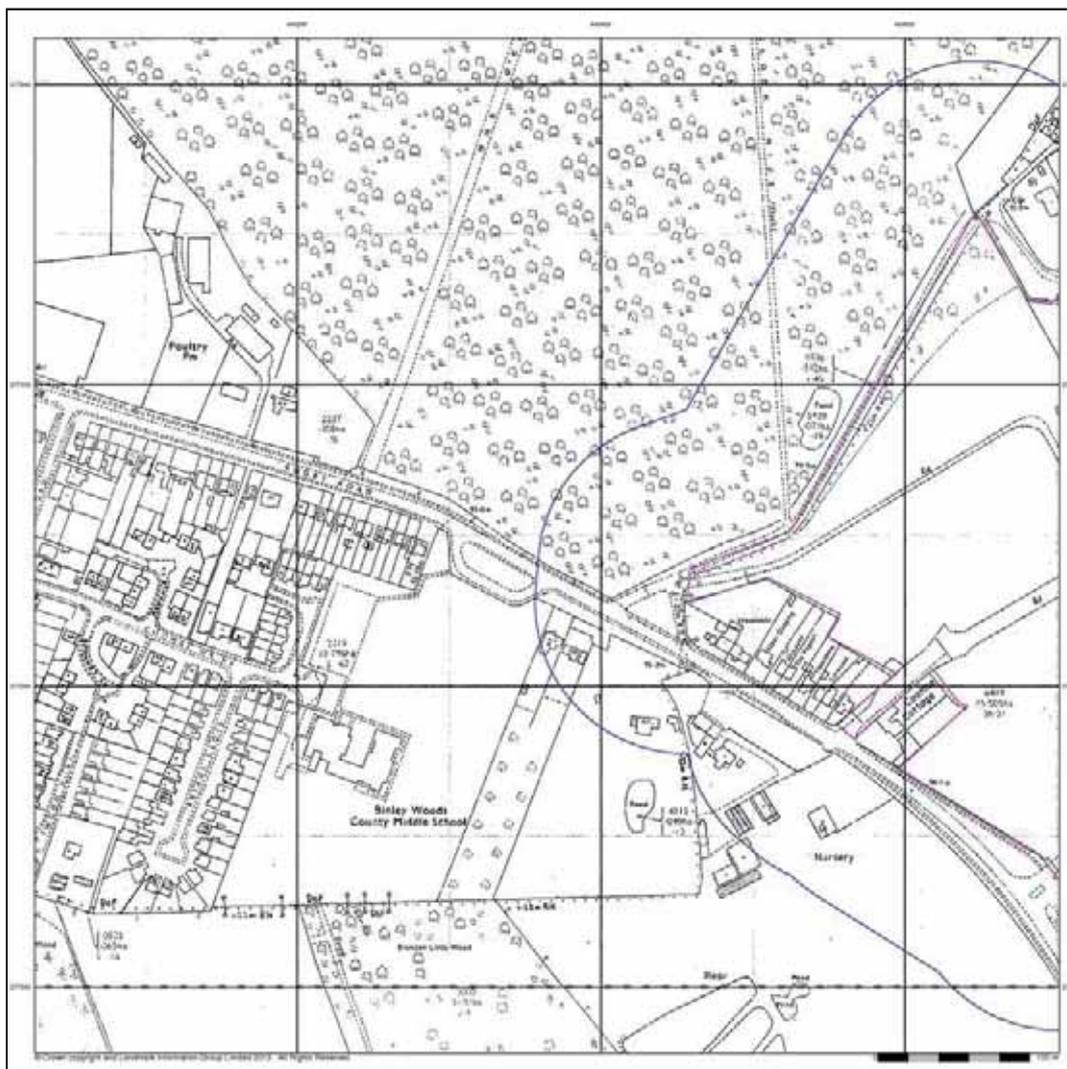
Order Number: 60089169_1_1
Customer Ref: C5887/MB
National Grid Reference: 440700, 277290
Slice: A
Site Area (Ha): 10.63
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data Published 1993

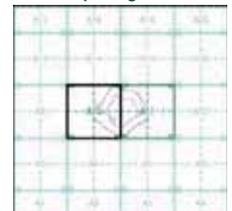
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

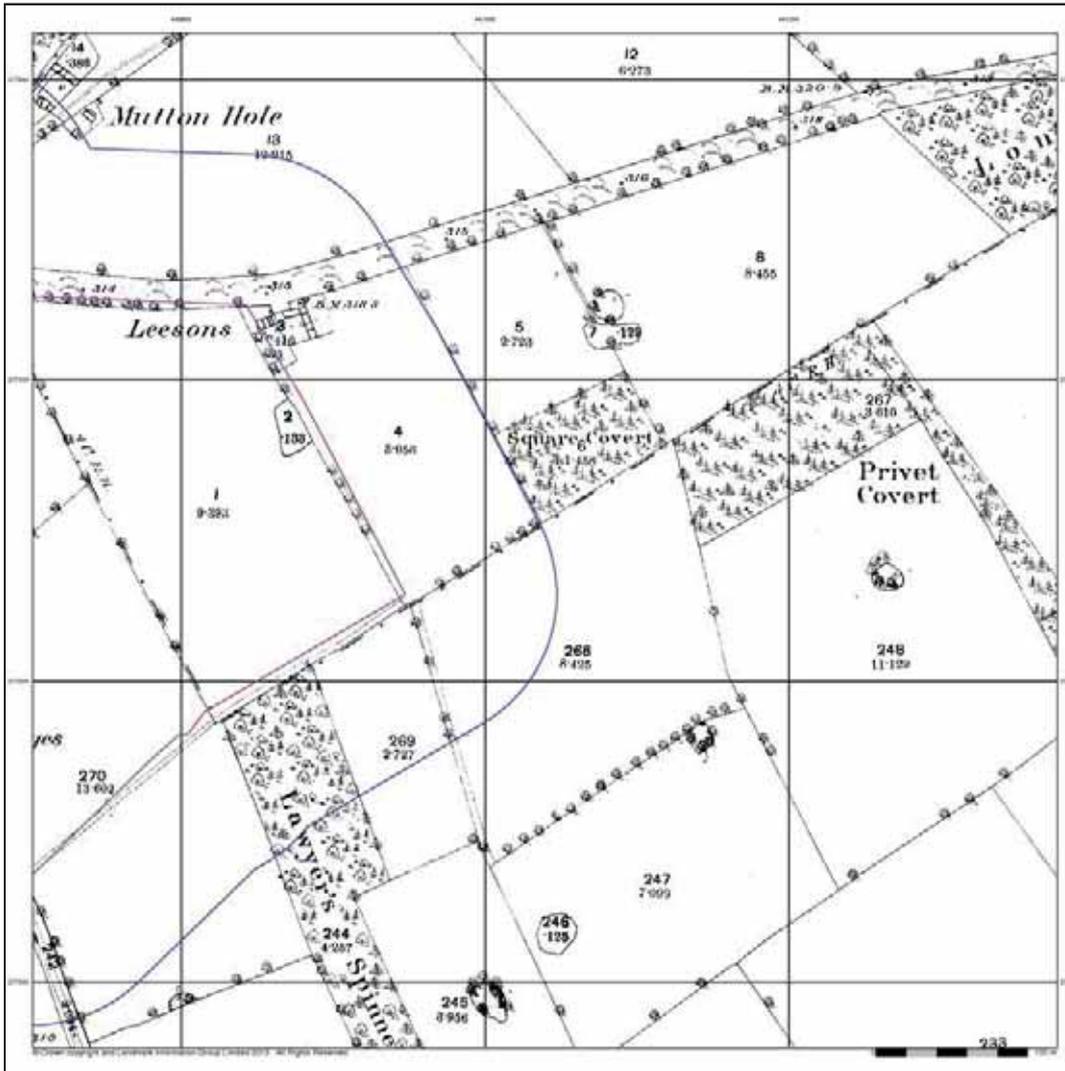
Order Number: 60089169_1_1
Customer Ref: C5887/MB
National Grid Reference: 440700, 277290
Slice: A
Site Area (Ha): 10.63
Search Buffer (m): 100

Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ



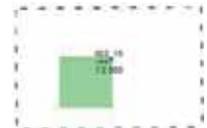
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.emischeck.co.uk



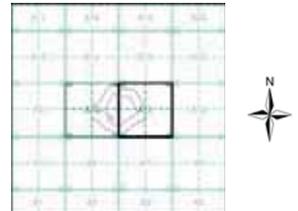
Warwickshire
Published 1887
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

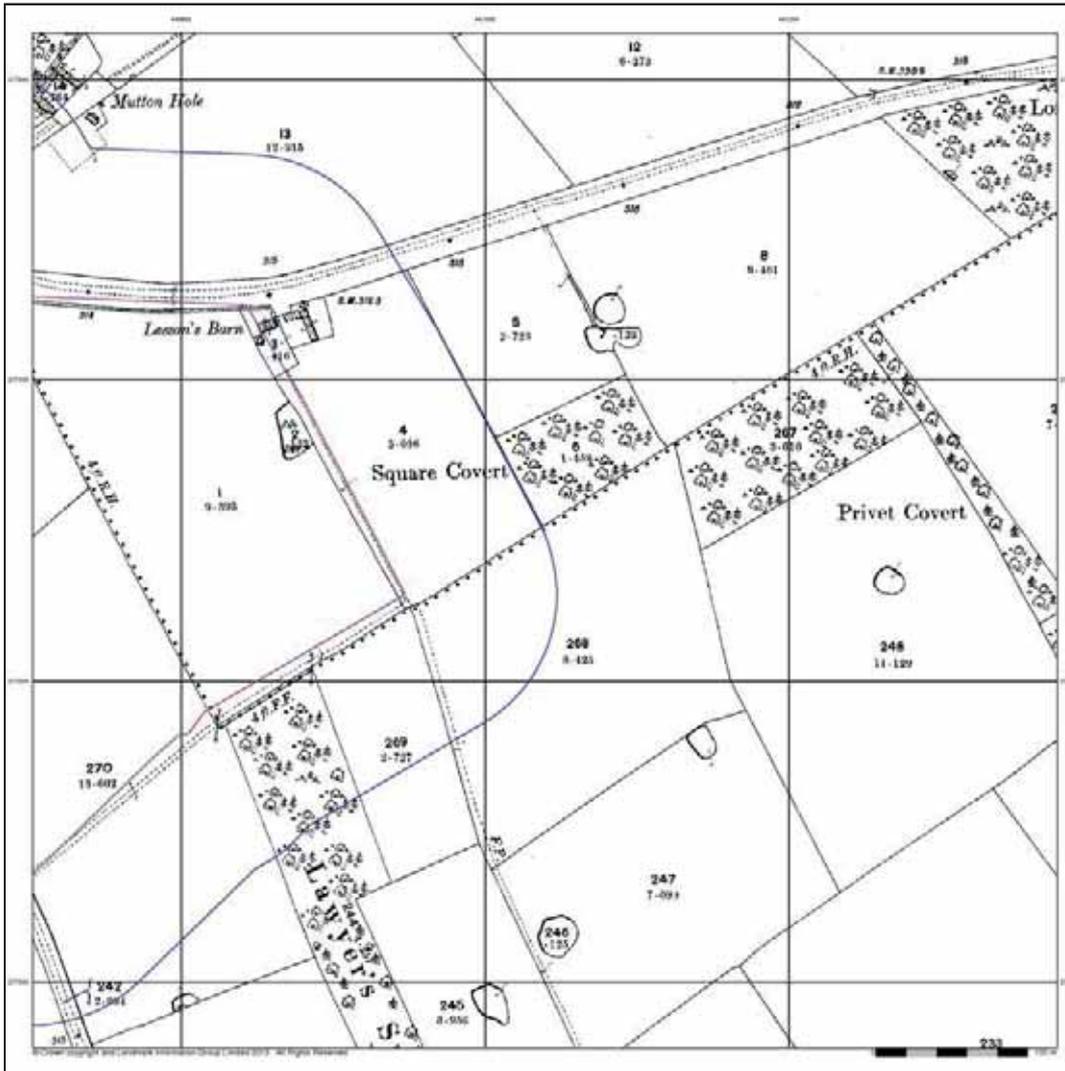
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 Slice: A
 Site Area (Ha): 10.63
 Search Buffer (m): 100

Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ



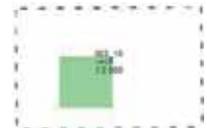
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.emvirocheck.co.uk



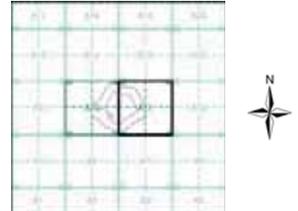
Warwickshire
Published 1905
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

Order Number: 60089169_1_1
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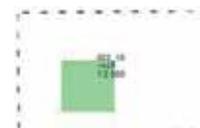
Warwickshire

Published 1925

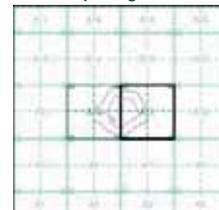
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Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

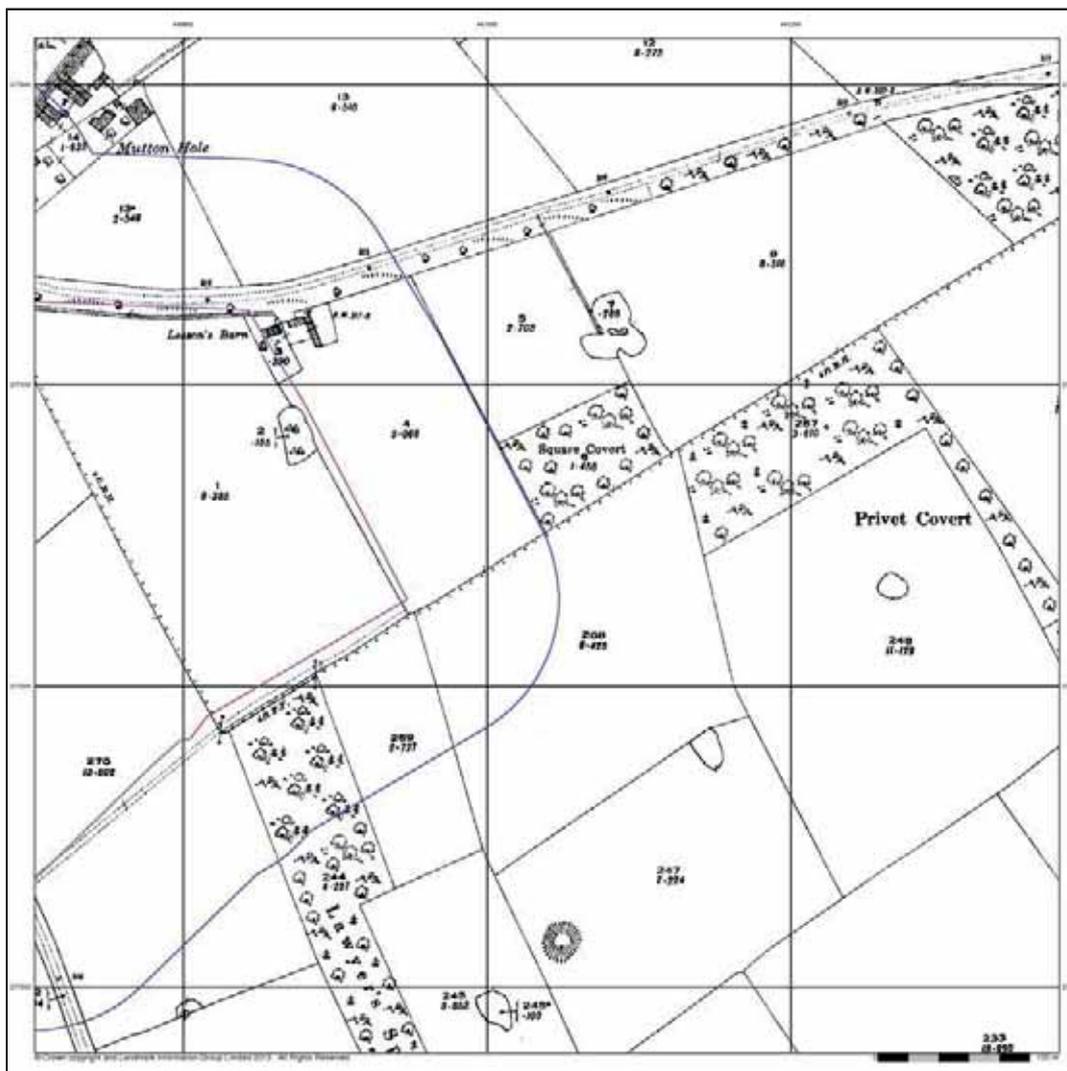
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Customer Ref: C5887/MB
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Slice: A
Site Area (Ha): 10.63
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Site Details

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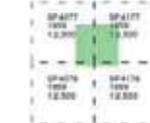




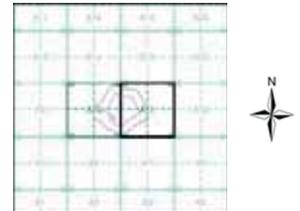
**Ordnance Survey Plan
Published 1959
Source map scale - 1:2,500**

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

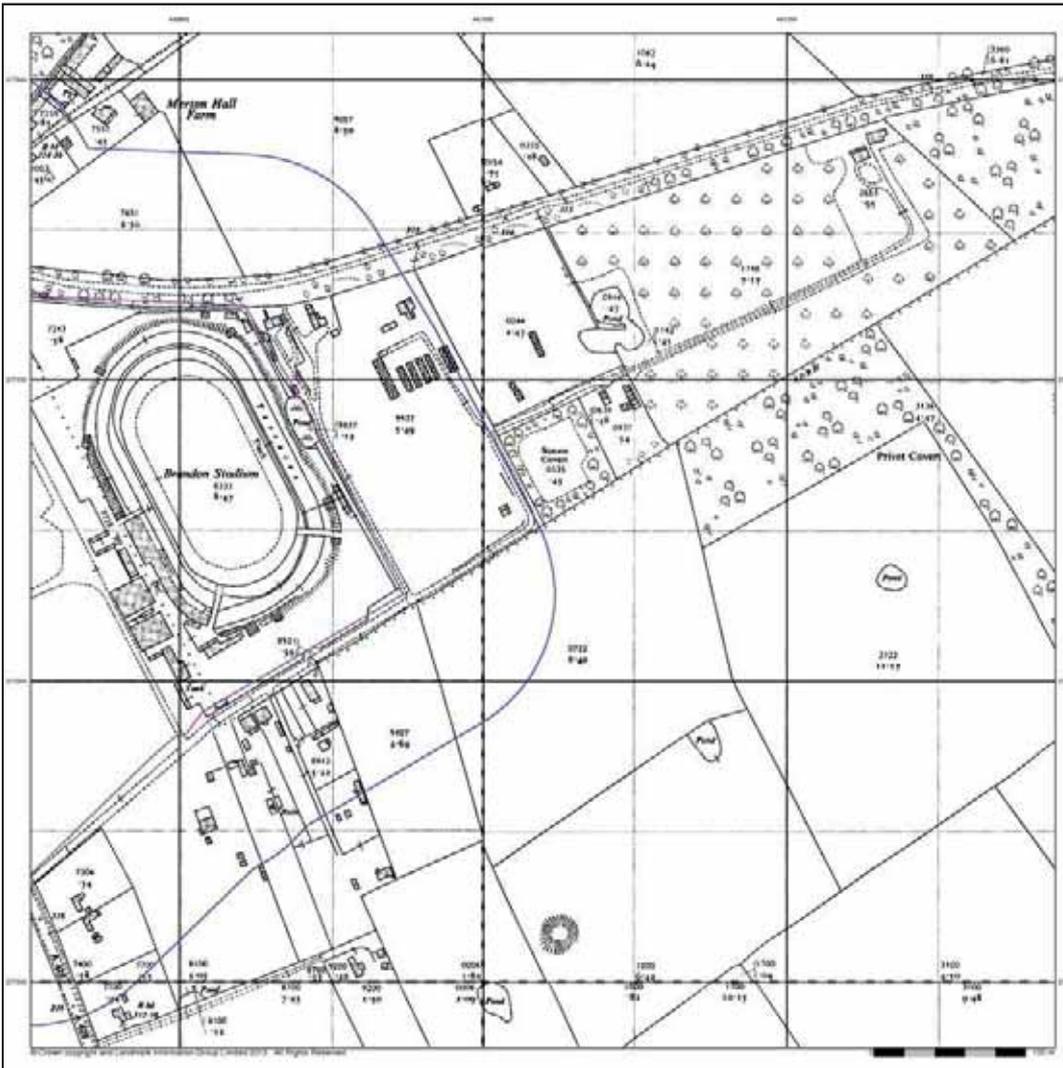
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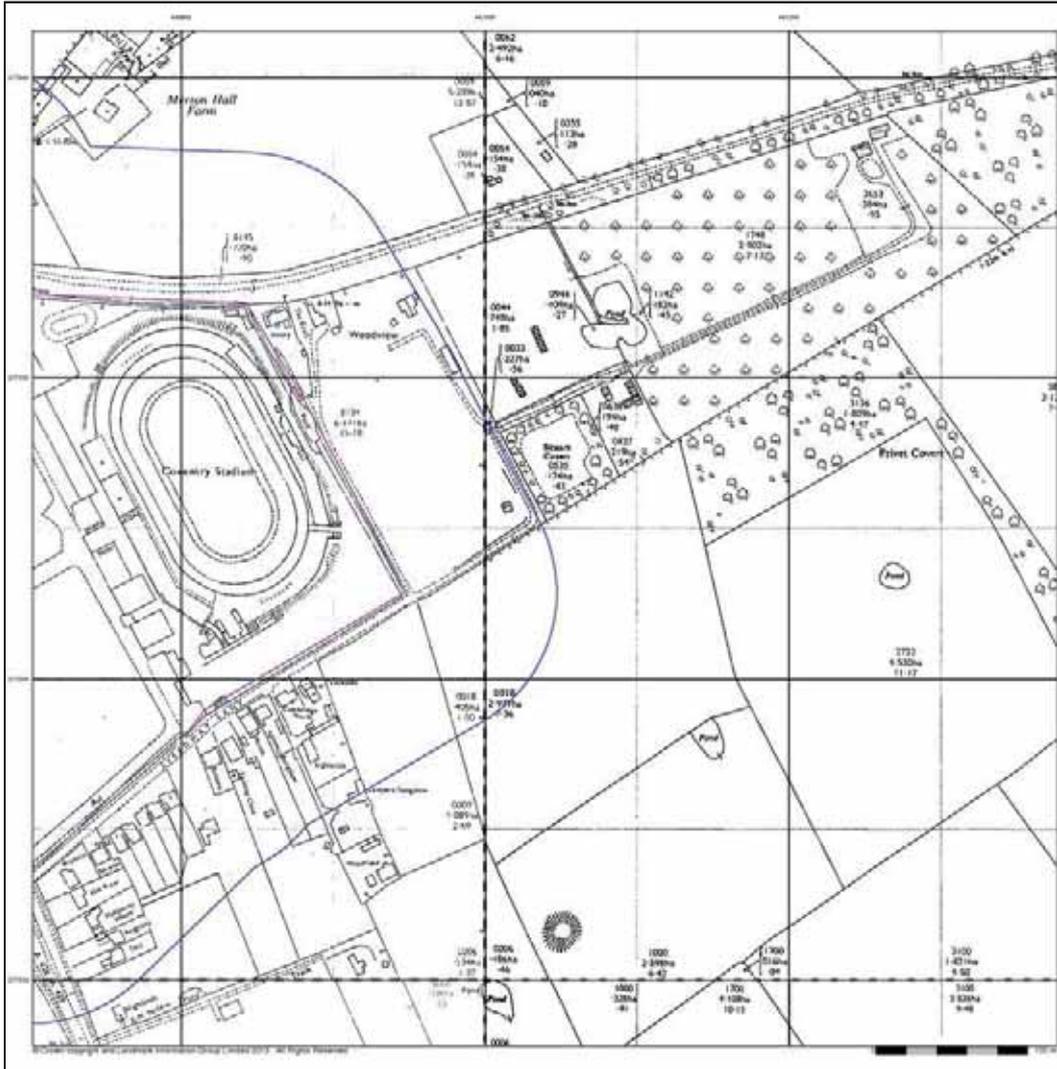
Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ



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

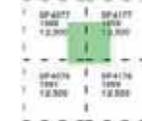




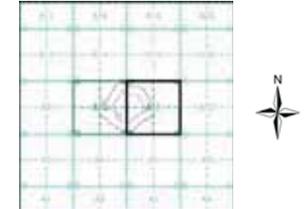
Additional SIMs
Published 1959 - 1991
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

Order Number: 60089169_1_1
 Customer Ref: C5887/MB
 National Grid Reference: 440700, 277290
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 Site Area (Ha): 10.63
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Site Details

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Tel: 0844 844 9952
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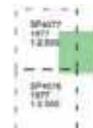


Ordnance Survey Plan Published 1977

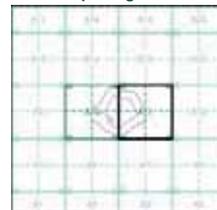
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

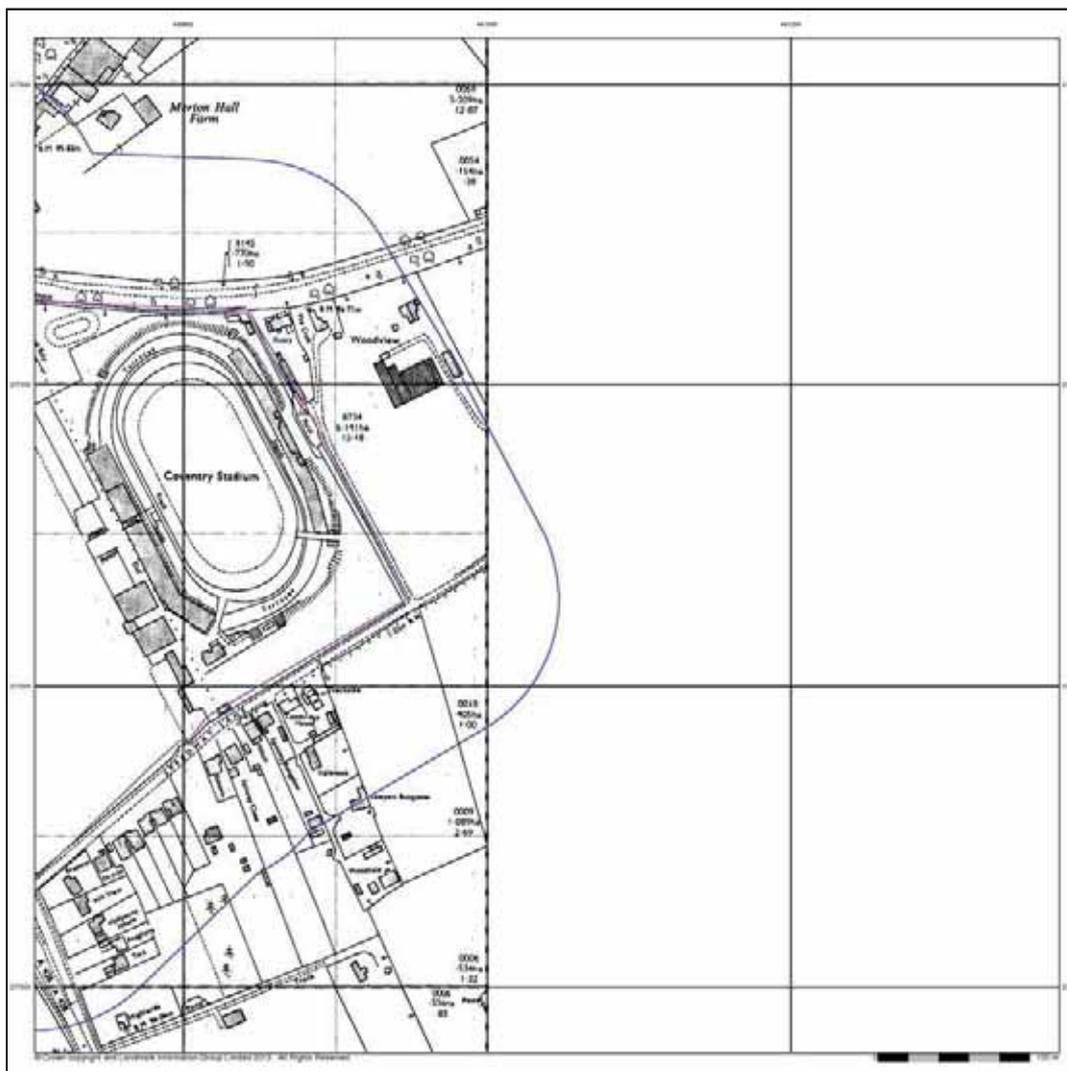
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Site Area (Ha): 10.63
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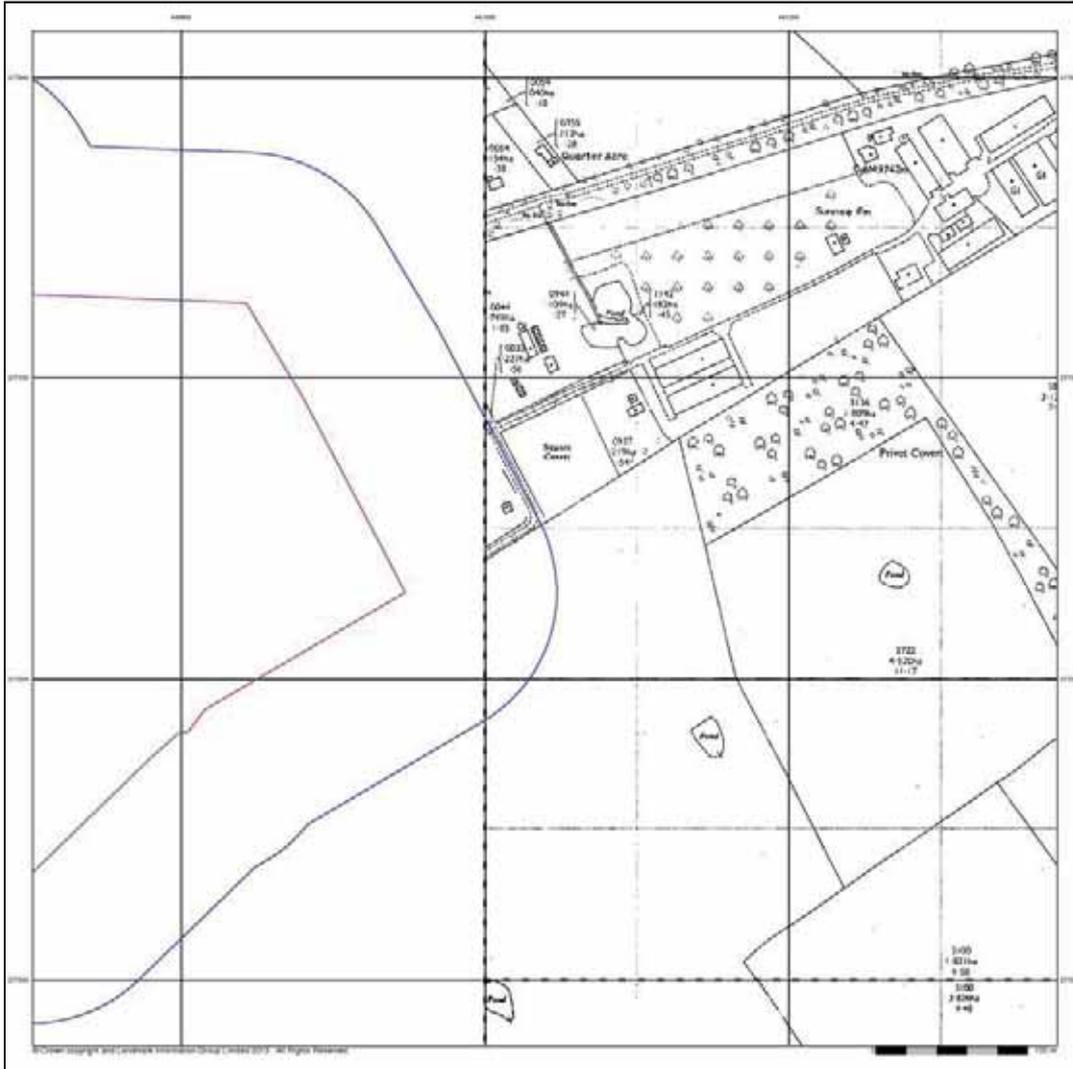
Site Details

Rugby Road, Brandon, COVENTRY, CV8 3GJ



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

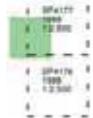




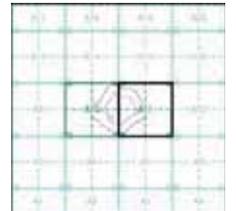
**Additional SIMs
Published 1988
Source map scale - 1:2,500**

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

Order Number: 60089169_1_1
 Customer Ref: C5887/MB
 National Grid Reference: 440700, 277290
 Slice: A
 Site Area (Ha): 10.63
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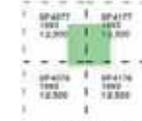


**Large-Scale National Grid Data
Published 1993**

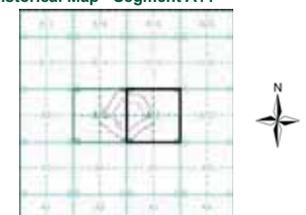
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

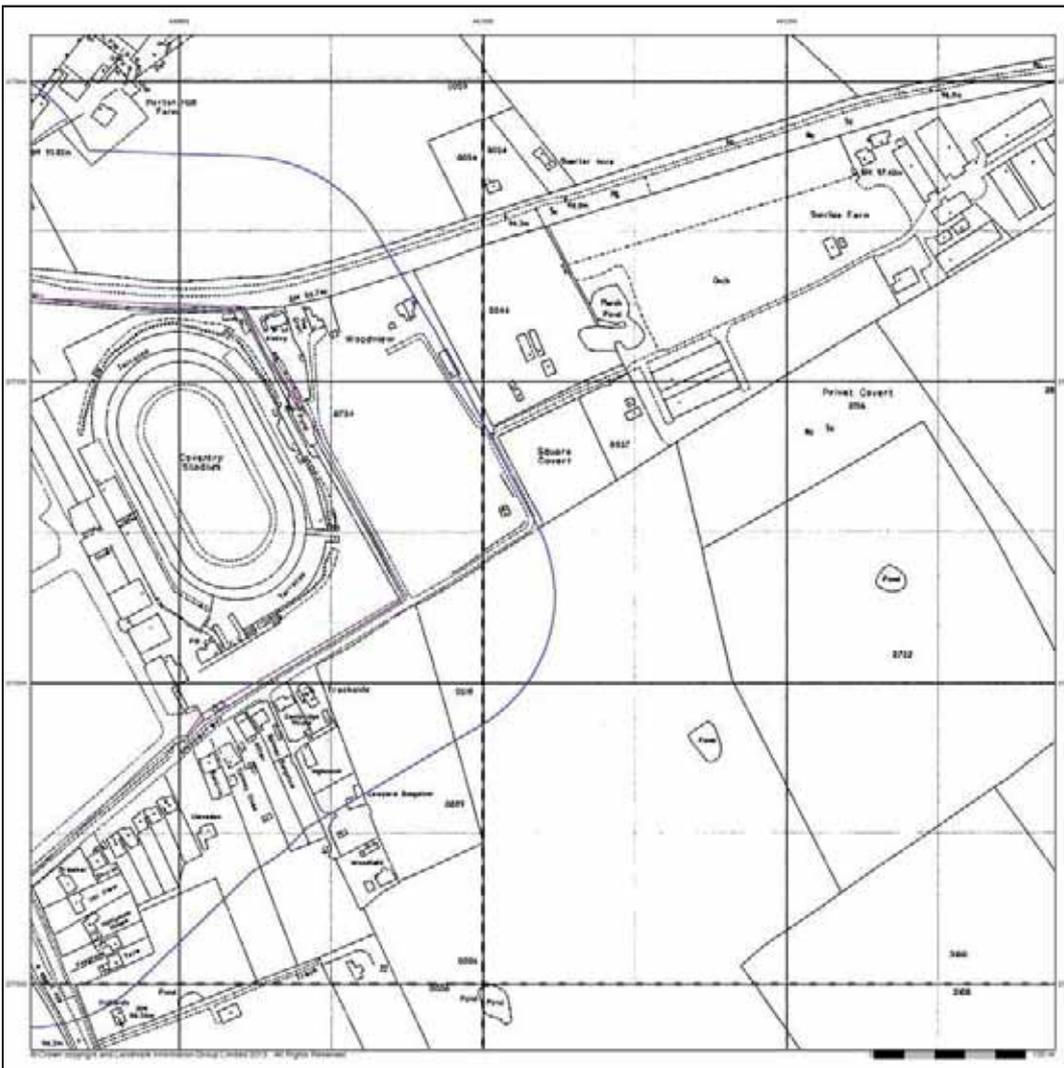
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National Grid Reference: 440700, 277290
Slice: A
Site Area (Ha): 10.63
Search Buffer (m): 100

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Web: www.emvirocheck.co.uk





APPENDIX C

REGULATORY CORRESPONDENCE

Mark Brennan

From: Adam James <adamjames@warwickshire.gov.uk>
Sent: 22 September 2014 12:24
To: Paulene Coulson
Subject: Fwd: Mineral Planning Search request - Brandon Lane, Cov
Attachments: Sirius Coventry Stadium Brandon Lane Cov.pdf

Dear Ms Coulson,

Thank you for the cheque for the sum of £60 re: the land search query below. Please find below our response, supplemented by the attached plan showing relevant minerals and waste planning information.

The site falls within Warwickshire County Council's sand and gravel [Minerals Safeguarding Area](#) (MSA)/ Minerals Consultation Area (MCA) by virtue of the site falling within a sand and gravel resource area.

There does not appear to be any history of mineral working within the site boundary. However, there is evidence of sand and gravel extraction within relative proximity (e.g. 1km) of the site.

Whilst we are not aware of any proposals to work mineral within the site, an area adjoining the property was put forward in 2008 as a potential allocation in the emerging Warwickshire minerals plan (see [Site 15](#) and [Site 17](#) of the Warwickshire Minerals Core Strategy 'Revised Spatial Options' - Feb 2009). We understand that since that submission, the landowner has stated that whilst there may be potential for sand and gravel extraction over the longer term (perhaps 20 years time or so), there is no current interest in pursuing mineral extraction. The proposal was referred to as a 'satellite' working served by conveyor to feed Brinklow Quarry, which operates approx 1.4km north of the site.

Furthermore, there is an area identified as a 'Preferred Area for sand and gravel extraction' in the Warwickshire Minerals Local Plan (1995) located approximately 1km north of the site - see Site PA4 Brinklow Extension on the [Warwickshire Minerals Local Plan webpage](#). Until the adoption of the new Minerals Plan, this allocation remains extant and policy weight would be afforded to any proposals for sand and gravel extraction within this area.

I can confirm that there are no permitted or operational waste sites within 1km of the site, however there is a historic landfill located approx 0.8km south west of the site. Please contact the Environment Agency on [08708 506506](tel:08708506506) if you require any further information.

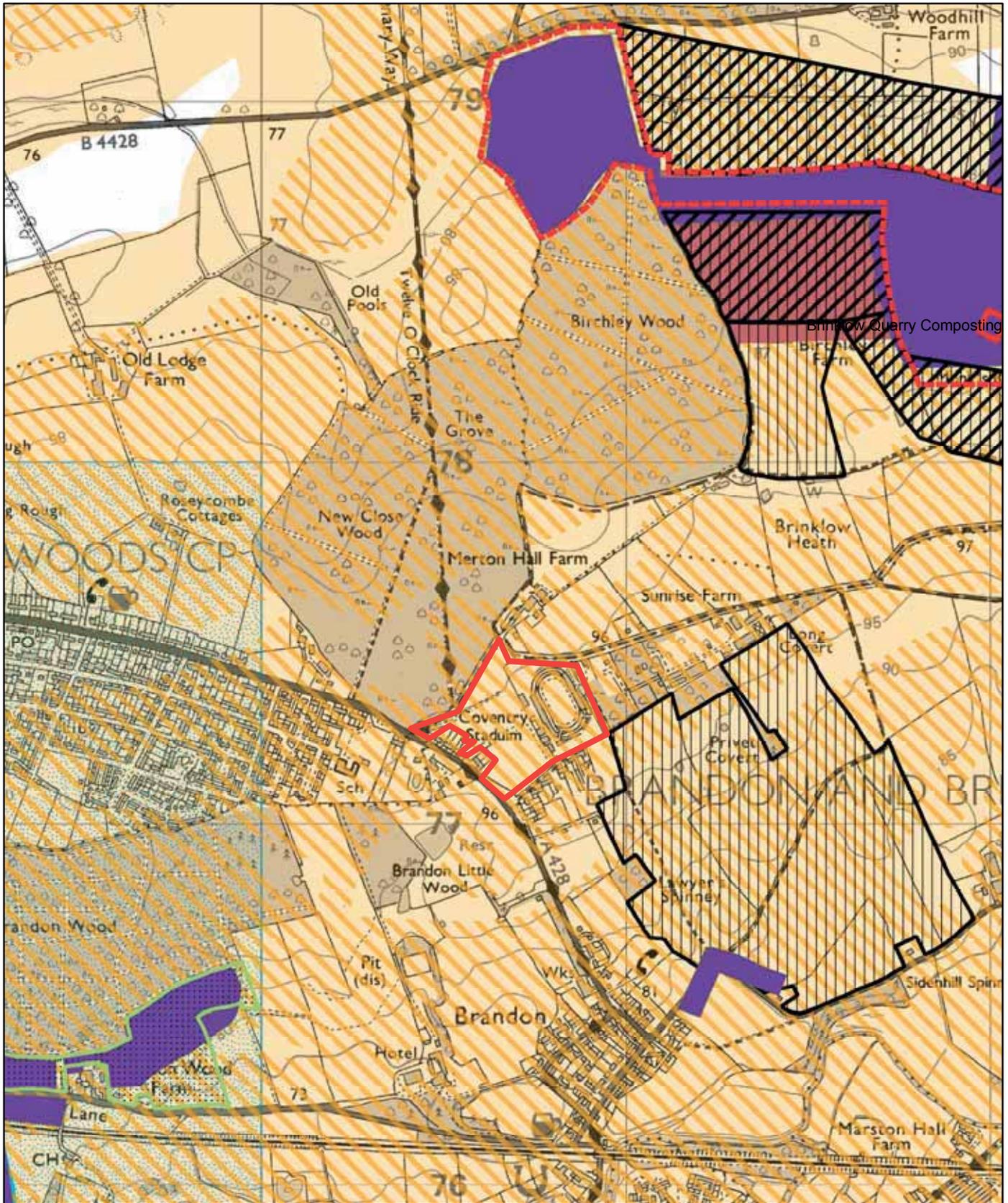
I can confirm that the site does not appear to fall within areas identified by the Coal Authority as at a high risk of coal mining legacy issues.

I trust this information is of use and please do not hesitate to contact me if you have any queries.

Kind regards,

Adam James
Planning Officer (Planning Policy)
Economic Growth
Communities
Warwickshire County Council

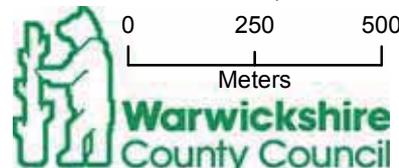
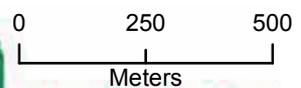
Tel: [01926 412538](tel:01926412538)
Minicom: [01926 412277](tel:01926412277)



Brandon Lane, Coventry CV8 3GL

-  Site boundary
-  Sand and gravel resource area
-  Permitted minerals site
-  Historic minerals sites
-  Minerals Local Plan (1995) allocation
-  Site submission - emerging Minerals Plan 'call for sites' Feb 2014
-  Site submissions - Minerals Core Strategy Revised Spatial Options (Feb, 2009)
-  Sand and gravel MSA/MCA
-  Historic landfill sites

1:15,000



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 Geological mapping, British Geological Survey
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Mark Brennan

From: Andy Morris <andy.morris@rugby.gov.uk>
Sent: 17 September 2014 14:53
To: Paulene Coulson
Subject: FW: Brandon Stadium Rugby Road Brandon CV8 3GL your contract No C5887/MB

The underlying strata is weathered clay with an over-burden of sands and gravel of varying depths some of this contains trapped surface water.

This information is given without charge in the expectation of the opportunity to quote for the Building Control function of any construction project that might arise from this site.

I would like to take the opportunity to introduce our service to you, as you may not be aware that the four authorities of Daventry District Council, Rugby Borough Council, Warwick District Council and Coventry City Council are in the process of amalgamating their Building Control Services. The new service is called Warwick Building Control. The service is provided via two offices, one at Warwick and one at Rugby. However, qualified and experienced surveyors from each area have been retained so that we are able to offer the following:

- Free pre-application advice
- Ease of contact - direct telephone lines and mobile numbers for all surveyors
- Advice regarding structure and fire safety
- A fast efficient service - our local surveyors can provide same day inspections and process applications quickly
- Local site knowledge - e.g. ground conditions, drainage etc.
- On-going advice and support

I trust that the above details will be of interest to you, and would like to thank you for the opportunity to quote for the Building Control Service for the proposal. If you would like to discuss the service, or any of the above details then please contact me using the details shown at the end of this email.

Andy Morris MCABE
Senior Building Control Surveyor
Warwick Building Control
Tel: 01788 533791
Mobile/Texts: 07986 876209
Email : andy.morris@rugby.gov.uk





APPENDIX D

BGS BOREHOLE DATA



BGS ID: 333104 : BGS Reference: SP47NW63
 British National Grid (27700) : 440430,277250

[Report an issue with this borehole](#)

SP 47 NW 63 4043 7725 **Woodside** **Block P**
 Surface level +95 m (+312 ft)
 Water struck at +94 m
 October 1980
 Overburden 0.8 m
 Mineral 2.0 m
 Waste 16.7 m*

LOG

Geological classification	Lithology	Thickness m	Depth m
	Soil	0.8	0.8
Dunsmore Gravel	'Clayey' sandy gravel Gravel: fine and coarse; subrounded flint and rounded to well rounded quartzite with quartz, sandstone, ironstone and some mudstone Sand: medium; quartz	2.0	2.8
Glacial Lake Deposits	Clay, grey-brown, silty; pebbles of quartzite, quartz and red mudstone and sandstone below 9.4 m; becoming red below 15.0 m	13.0	15.8
	Clay, brown, well laminated	2.9	18.7
	Clay, red, with pebbles of quartzite, quartz and red mudstone	0.8+	19.5

GRADING

Mean for deposit percentages			Depth below surface (m)	Percentages					
Fines	Sand	Gravel		Fines	Sand		Gravel		
				-½	+½-½	+½-1	+1-4	+4-16	+16 mm
12	53	35	0.8-2.8	12	9	37	7	17	18

COMPOSITION

Depth below surface (m)	Percentages by weight in +4-64 mm fraction								
	Quartzite	Quartz	Sandstone	Flint	Limestone	Ironstone	Mudstone	Igneous	Others
0.8-2.8	28	11	16	35	0	7	3	trace	trace

Sirius Geotechnical and Environmental Ltd

Suite 2 Russel House
Mill Road
Langley Moor
Durham
DH7 8HJ

t. 0191 378 9972
f. 0191 378 1537

4245 Park Approach
Century Way
Thorpe Park
Leeds
LS15 8GB

t. 0113 264 9960
f. 0113 264 9962

35 St Pauls Square,
Birmingham,
B3 1QX

t. 0121 232 4670
f. 0121 212 3363

