

CONTRACT NO. E13705/1**PRELIMINARY RISK ASSESSMENT REPORT**
FOR A SITE AT STATION ROAD, MARKET
BOSWORTH

Prepared by
DTS Raeburn Limited

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BGS Borehole Records	Enclosure C	(7 pages)
Hydrology, Hydrogeology, Site Sensitivity & Flood Risk	Enclosure D	(13 pages)
Historical Maps	Enclosure E	(16 pages)
Environmental Database	Enclosure F	(34 pages)

Generic List of Acronyms and Abbreviations

µg/kg	micrograms per kilogram
µg/l	micrograms per litre
ACEC	aggressive chemical environment for concrete
ACM	asbestos containing material
AOD	above Ordnance datum
bgl	below ground level
BGS	British Geological Survey
BH	borehole
BTEX	benzene, toluene, ethylbenzene and xylene compounds
CBR	California bearing ratio
CH ₄	methane
CIRIA	Construction Industry Research and Information Association
CO	carbon monoxide
CO ₂	carbon dioxide
COMAH	control of major accident hazards
CPT	cone penetration test
CSM	conceptual site model
DEFRA	Department of Environment, Food and Rural Affairs
DoE	Department of Environment (now part of DEFRA)
DP	dynamic probe
DPSH	dynamic probe super heavy
DQRA	detailed quantitative risk assessment
DS	design sulphate class
DWS	drinking water standard
EA	Environment Agency
EHO	Environmental Health Officer
EQS	environmental quality standard
FRA	flood risk assessment
GAC	generic assessment criteria
GPR	ground penetrating radar
GPS	global positioning systems
GQRA	generic quantitative risk assessment
GW-TV	groundwater threshold value
ha	hectare
H ₂ S	hydrogen sulphide
HPA	Health Protection Agency (now PHE)
HSE	Health and Safety Executive
IPPC	Integrated Pollution Prevention and Control
LAPPC	Local Authority Pollution Prevention

	and Control
LCRM	Land Contamination Risk Management
LNR	Local Nature Reserve
mb	Millibar
MAGIC	Multi Agency Geographical Information for the Countryside
MCERTS	Monitoring Certification Scheme
mg/kg	milligrams per kilogram
mg/l	milligrams per litre
NIEA	Northern Ireland Environment Agency
NGR	National Grid Reference
O ₂	Oxygen
OS	Ordnance Survey
PAH	polycyclic aromatic hydrocarbons
PCB	polychlorinated biphenyls
PFS	petrol filling station
PID	photo ionisation detector
PHE	Public Health England
PPE	personal protective equipment
PRA	preliminary risk assessment
SAC	Special Area of Conservation
S4UL	Suitable For Use Level
SEPA	Scottish Environment Protection Agency
SGV	soil guideline value
SOM	soil organic matter
SPA	Special Protection Area
SPT	standard penetration test
SPZ	Source Protection Zone
SSSI	Site of Special Scientific Interest
SVOCs	semi-volatile organic compounds
TOC	total organic carbon
TP	trial pit
TPH	total petroleum hydrocarbons
TPO	Tree Preservation Order
UKAS	United Kingdom Accreditation Service
UXO	unexploded ordnance
UST	underground storage tank
VOCs	volatile organic compounds
WAC	Waste Acceptance Criteria
WFD	Water Framework Directive
WHO	World Health Organisation
WS	window sampling borehole

PRELIMINARY RISK ASSESSMENT REPORT FOR A SITE AT STATION ROAD, MARKET BOSWORTH

Executive Summary

Objective	To carry out a PRA of the site in accordance with the risk assessment framework presented in Land Contamination Risk Management (LCRM) in order to assess the potential geo-environmental risks associated with the proposed development of the site.
Proposed Development	Understood to comprise a two-storey warehouse building with an associated car park, access road and bike shelter in its northern section and landscaping along its western portion
Site Description	The site is roughly rectangular in shape and covers approximately 0.42ha and comprises of asphalt covered road extending within a cutting along the site's central axis. The areas either side of the road are vegetated and raised by approximately 1.5m (former rail platforms behind brick retaining walls) embankment.
Geology	Geological mapping indicates that superficial alluvial deposits are present beneath the site. These are underlain by bedrock formed of Triassic (undifferentiated) mudstone, siltstone and sandstone. The record of a borehole from the BGS database drilled about 250m to the north of the site indicates boulder clay from ground level to 8.2m over Keuper Marl to 116.4m bgl
Hydrology	An unnamed stream, thought to be associated with field drainage flows from east to west along the southern boundary of the site. The Ashby de la Zouch Canal is located approximately 80m west of the site.
Hydrogeology	The superficial alluvial deposits are classified as a 'Secondary Undifferentiated' aquifer. The Triassic (undifferentiated) mudstone, siltstone and sandstone bedrock at the site are classified as a 'Secondary B' aquifer. The site does not lie within a Groundwater Source Protection Zone (SPZ). A groundwater abstraction for amenity top up is located 650m west of the site.
Ecological Receptors	There are no major ecological receptors within 1km of the site.
Flood Risk	The site is at very low risk of flooding from groundwater, surface water, rivers and the sea.
Site History	The site remained undeveloped until c. 1955 when it was incorporated into the surrounding railway sidings by the construction of railway lines. The railway lines were removed by 1957 at which point an access route was constructed across the site along with some site re-profiling to form a cutting. The site then remained unchanged until around 1970-1977 when the access road was re-routed across the site. The site remained largely unchanged from c.1977 with the exception of a number of trees which were present by 1999.
Mineral Extraction	Subsidence due to mineral extraction is considered unlikely to affect the site.
Ground Contamination	The source-pathway-receptor linkage could potentially be completed for this site with respect to human health, development end-use and controlled water receptors as a result of onsite and off-site sources of contamination. It is recommended that an intrusive investigation should be undertaken in order to provide quantitative data for ground contamination risk assessment.
Preliminary Geotechnical Assessment	Low strength and compressible soils may be present with the potential to cause differential settlement in view of the reported presence of superficial alluvial soils beneath the site. It is recommended that intrusive investigation should be undertaken in order to provide appropriate geotechnical information.
Soil Gas	Degradation of organic or putrescible materials associated with alluvium, watercourses and unknown Made Ground could provide a potential source of soil gas. A gas monitoring regime should be incorporated into any future intrusive investigation works at the site in order to provide quantitative data for a ground gas risk assessment. Radon protection measures are not indicated to be required.
Limitations	The limitations of this report are highlighted in Section 9.0.

1.0 INTRODUCTION

DTS RAEBURN Limited were commissioned by MJM Consulting Engineers on behalf of JJ Churchill Ltd to carry out a Preliminary Risk Assessment (PRA) of a site located off Station Road in Market Bosworth. It is understood that the site is to be re-developed to include a warehouse and associated amenities. Further details of the proposed development are provided in Section 2.5.

1.1 Preliminary Risk Assessment

The principal objective of the PRA was to assess any potential risks posed by contaminated or other potential geo-environmental liabilities at the site. In addition, the PRA considered the potential risk posed to future developments by the generation of ground gas and/or other geotechnical abnormalities, which could include but are not limited to, subsidence hazards.

The environmental aspects of the PRA have been prepared using a risk-based approach, and incorporating the accepted 'pollutant linkage' methodology to contaminated land hazard identification (i.e. source–pathway–receptor linkage). This approach is consistent with methodologies contained in both Land Contamination Risk Management (LCRM) (EA, 2020) and Part IIA of the Environmental Protection Act 1990.

The scope of the PRA included a desk study and site reconnaissance. This provides the minimum information required for sites where contamination is either known or suspected. The PRA has also been designed to fulfil the objectives of a 'preliminary investigation' as defined by British Standard BS10175:2011+A2:2017 'Investigation of Potentially Contaminated Sites – Code of Practice'.

The following information has been used to formulate the PRA report:

- Site walkover undertaken on 28th March 2023
- Site Specific BGS GeoIndex Report
- Historical OS maps supplied by Landmark Information Group
- Environmental database information prepared by Landmark Information Group
- Correspondence with local authorities and other statutory agencies

2.0 SITE AND SURROUNDING AREA

2.1 Site Location

The site is located off Station Road, Market Bosworth and is centred on an approximate National Grid Reference (NGR), 439279,302917. The site location is shown on Figures 1 and 2.

2.2 Site Description

The site is roughly rectangular in shape and covers approximately 0.4ha. The findings of site walkover are outlined below and within the photographic log presented as Enclosure A (plates 1-10). The location and orientation of each photo is indicated within page 1 of Appendix A.

At the time of the site walkover, access to the site was through a gated entrance leading from the north, through an existing neighbouring service yard (Plates 1 and 2). The site comprised of an asphalt covered road which extended along the centre of the site, from the site entrance in the

north-east to the southwest corner of the site (Plate 3). The road then leads off to a caravan park located approximately 50m to the south-east of the site (Plate 4). The road was lined on both sides by brick retaining walls of approximately 1.5m in height (Plates 3 and 5). The raised ground on either side of the retaining walls was largely covered by patchy shrubs and bushes along with mature trees (Plates 6 and 7). The road is thought to have formed a historical railway track with railway platforms forming the raised areas on either side.

A stream was present flowing from east to west along the site's southern boundary at approximately 3 to 4m below the ground level of the raised areas. The stream was noted to run into a culvert which runs beneath the road and is located at the sites southwestern corner (Plate 8).

A railway service yard containing a large historical engine shed was noted adjacent to the north-west of the site (Plates 9 and 10), with open fields to the south and south-east (Plates 11 and 12).

2.3 Ecology/Invasive & Injurious Plant Species

Detailed ecological and agricultural surveys were outside the scope of this report. However, no Japanese Knotweed or other injurious or invasive weeds were observed within or immediately adjacent to the site at the time of the reconnaissance.

2.4 Surrounding Area

The area immediately surrounding the site comprises a railway line and sidings along the site's western boundary, a commercial property adjacent to the north of the site and agricultural fields to the east and south. Residential properties are present to the north-east of the site and extend towards the town of Market Bosworth.

A canal and marina are also located at approximately 100 and 300m west and north-west of the site respectively.

2.5 Proposed Development

It is understood that the site is to be developed to comprise a two-storey warehouse building with an associated car park, access road and bike shelter in its northern section and landscaping along its western portion. A proposed development plan is included within Figure 3.

3.0 GEO-ENVIRONMENTAL SETTING

3.1 Topography

Available OS maps indicate an approximate site elevation of 95m Above Ordnance Datum (AOD). The site walkover identified that a road which extends along the central axis of the site, lies within a cutting orientated from north-east to south-west. The elevation of the road is approximately 1.5m below the level of the platforms to the north-west and south-east of the road. The elevation of the road is similar to that of the surrounding area with the platforms forming local topographic highs (mounds).

3.2 Geological Setting

3.2.1 Geological Map Information

The geology at the site is indicated by a British Geological Survey Geoindex report (Enclosure B), to be underlain by superficial alluvium deposits. The underlying bedrock geology is indicated to comprise the Triassic (undifferentiated) mudstone, siltstone and sandstone.

3.2.2 BGS Borehole Records

The BGS database contains the record of a borehole drilled in 1882. The location of the borehole is approximately 250m to the north of the site (BGS borehole reference: SK30SE1). The borehole was completed to 410m bgl. The borehole log indicates a sequence of strata comprising 8.2m of boulder clay from ground level over Keuper Marl to 116.4m bgl. The marl is shown to be underlain by Lower Keuper Sandstone to 170.9m bgl, Bunter Pebble beds to 229.7m bgl, breccia to 229.8m and finally Cambrian, Stockingford Shales to 410m bgl.

A copy of the borehole record is included as Enclosure C.

3.3 Hydrology, Hydrogeology and Site Sensitivity

Site sensitivity information provided by Landmark Information Group is discussed in the following sub-sections and presented in Enclosure D.

3.3.1 Hydrology

The nearest surface water feature to the site is an unnamed stream, thought to be associated with field drainage, which is located along the southern boundary of the site.

The Ashby de la Zouch Canal, which is orientated from north to south is located approximately 80m west of the site. The River General Quality Assessment (GQA) rating for the canal is D, indicating a Fair chemical and biological condition.

3.3.2 Hydrogeology

The superficial alluvial deposits are classified as a 'Secondary Undifferentiated' aquifer.

The Triassic (undifferentiated) mudstone, siltstone and sandstone bedrock at the site is classified as a 'Secondary B' aquifer.

No Source Protection Zones (SPZ) are indicated to be present within 1km of the site.

The nearest groundwater abstraction to the site is indicated to be for amenity top up, and is located at 649m west of the site. Two further groundwater abstractions for general farming and domestic use are indicated to be present at 894m southeast and 987m east of the site respectively.

3.3.3 Major Ecological Receptors

No major ecological receptors¹ are indicated within 1km of the site.

3.4 Flood Risk

The site is indicated by the Envirocheck report, as shown within Enclosure D, to be at Very Low risk of flooding from groundwater, surface water, rivers and the sea.

¹ As listed in Table A of Annex 3, DEFRA Circular 01/2006: Environmental Protection Act 1990: Part 2A – Contaminated Land, September 2006.

3.5 Summary

The site is considered sensitive with respect to controlled waters given the ‘Secondary Undifferentiated’ aquifer classification of the underlying superficial deposits, the ‘Secondary B’ aquifer classification of the underlying bedrock, and the proximity of surface water features.

The site is not considered sensitive with respect to major ecological receptors given the absence of such features within the site vicinity. The site is also not considered vulnerable to flooding.

4.0 SITE HISTORY

The site history has been deduced primarily from a review of historical OS maps provided by Landmark Information Group and complemented by additional research where necessary.

4.1 Historical Maps

A summary of the previous uses of the site and surrounding area as identified in maps dated between 1885 and 2022 is provided within Table 4-1. Copies of the maps referenced in the table are included in Enclosure E. Any identified uses of the site and the surrounding area that are considered potentially contaminative are shown in ***bold italics***. The distances and directions from the site stated in the table below are approximate.

Table 4-1 Review of Historical Maps

On-site	Surrounding area
<u>1885 (1:10,560) and 1886 (1:2,500)</u>	
The site is undeveloped and comprises an area of open field possibly used as agricultural farmland;	The area surrounding the site is largely formed of open fields thought to be agricultural. A road in the location of the current station road is shown 220m north of the site. A <i>railway line</i> extending from north to south runs adjacent west of the site with associated sidings and Market Bosworth station is also shown 200m north of the site. The Ashby De La Zouch Canal is shown 100m east of the site. A <i>brick works</i> and a <i>gas works</i> are also shown at 200m north-west and 250m north of the site respectively. A <i>clay pit</i> associated with the brick works is shown 150m north-west of the site. A small unnamed building is shown adjacent to the north-west of the site.
<u>1903 (1:2,500) and 1903-1904 (1:10,560)</u>	
The site is shown to contain mixed woodland.	No significant changes.
<u>1955 (1:10,000)</u>	

On-site	Surrounding area
The site is shown to contain two railway tracks thought to be associated with railway sidings.	The gas works is no longer shown. A number of large warehouse structures are now shown 300m north of the site. The area adjacent to the north of the site leading up to Station Road is now shown to have been developed to include features thought to be associated with the railway sidings. A number of small structures thought to be residential properties are now shown along Station Road 220m north-east of the site.
1957-1958 (1:2,500)	
The railway track is no longer shown to extend across the entire site. A section of track is still shown within the northern section of the site. The area of the former railway track is now shown to have been redeveloped to include an access route from station road to the south of the site. The area is now shown to lie within a cutting.	The brick works is now shown to be largely overgrown with woodland with a pond in the area of the former clay pit . A ' works ' comprising of 3 tanks is now shown adjacent to the south east of the site with an additional ' works ' comprising a large warehouse type structure shown at 150m north of the site. The unnamed building adjacent to the north-west of the site is now shown as an engine shed .
1966 (1:10,000)	
No significant changes are apparent.	The warehouse structures at 300m north-west of the site are now shown as ' works '.
1970-1977 (1:2,500)	
All track is now shown to have been removed from the site by 1977. The access road across the site is now shown to have been slightly re-routed across the site.	The works adjacent to the south east of the site is now shown as a sewage works and contains 2 no. filter beds and 7 additional large tanks. Further development of two buildings 150m north-east of the site shown as 'Council Yard' are now present adjacent to the existing residential properties.
1991 (1:10,000)	
No significant changes are apparent.	A ' timber fireproofing works , is now shown from 250m north of the site in the location of the former gas works.
1994 (1:2,500)	
No significant changes are apparent.	The works at 150m north of the site is now shown to have been extended with an additional rectangular warehouse structure which extends to 50m north of the site boundary. This now resembles the present-day layout. The council yard is now shown as ' industrial estate , and contains a number of additional structures,
1999 (Aerial Photograph)	
A number of trees are shown surrounding the access road. The site appears to display its present-day layout.	No significant changes are apparent. The surrounding area appears to display its present-day layout.
2000 (1:10,000)	
No significant changes are apparent.	The timber fireproofing works is no longer shown.
2006 (1:10,000)	
No significant changes are apparent.	No significant changes are apparent.
2022 (1:10,000)	
No significant changes are apparent.	No significant changes are apparent.

4.2 Summary

The site remained undeveloped until c. 1955 when it was incorporated into the surrounding railway sidings with the construction of railway tracks. The tracks were removed by c.1957 at which point an access route was constructed across the site along with some site re-profiling to form a cutting. The site then remained unchanged until c.1970-1977 when the access road was re-routed through the site. The site remained largely unchanged from c.1977 to the present day with the exception of a number of trees which were present by 1999.

The area immediately surrounding the site has been industrialised since pre 1885 and has included railway lines and infrastructure, brick works, gasworks and sewage works. The wider area surrounding the site has remained as largely undeveloped agricultural land.

The possibility of ground contamination having occurred at the site as a result of its current and historical use is discussed further in Section 7.0 (Initial Conceptual Site Model)

4.3 Unexploded ordinance (UXO)

An online UXO risk assessment identifies the site to be at a low risk of unexploded ordinance.

5.0 MINERAL EXTRACTION

Reference to Coal Authority mapping indicates that the site is not located within a Coal Mining Reporting Area. The historical map review (Section 4.0) together with information contained in the Envirocheck report (Enclosure F) have indicated the existence of a single BGS recorded mineral site within 1km of the site. This is described as Station Brick Yard, an opencast clay and shale mine located 142m north-west of the site. The pit is shown on historical maps to have been redeveloped into a pond, which is still present on the most recent historical maps.

On the basis of the above, it is considered that the site is unlikely to be affected by subsidence related to mineral extraction.

6.0 ENVIRONMENTAL DATABASE INFORMATION

Enclosure F contains a database of environmental information prepared by Landmark Information Group Limited. The main points of note within this database are tabulated below. All distances stated are approximate and positional accuracy may be to within 100m in some cases.

Table 6-1 Summary of Environmental Database Information

	No. of incidents		Details of notable database entries	
	0-250m	251-500m	Distance & Direction from site	Additional Information
Local Authority Pollution Prevention Controls	3	1	192 N 192 N 235 N 306 N	Mobile crushing and screening process Waste oil burners waster oil burners manufacture of timber and wood-based products
Discharge Consents	2	4	18 S 18 S 263 N	Severn Trent Water, sewage discharges to Friezeland Brook. Severn Trent Water, sewage emergency discharge to Friezeland Brook. British Waterways Board, sewage effluent to unknown

	No. of incidents		Details of notable database entries	
	0-250m	251-500m	Distance & Direction from site	Additional Information
			358 N 397 N 397 N	receiving water. The timber and fireproofing, site drainage to FriezeLand Brook. Persimmon Homes (North midlands) limited, Trade discharge (process water) to FriezeLand Brook. Timber Fireproofing Co Ltd, Sewage and Trade Combined to FriezeLand Brook.
Integrated Pollution Prevention and Control (IPPC)	0	0	0	-
Pollution Incidents	2	2	207 NE 233 N 313 NW 407 N	Category 3 (minor) incident, dated 1996; Oils – waste oils into river Category 3 (minor) incident, dated 1995; Crude sewage into river Category 3 (minor) incident, dated 1999; Miscellaneous pollutant (motorcycle In Canal/petrol on surface). Category 3 (minor) incident, dated 1998; spillage of diesel (including agricultural) into river. <i>Due to the age of the incidents and the stated distances, they are considered unlikely to affect the site.</i>
Substantiated Pollution Incident Register	0	0	0	-
Landfill sites	0	0	-	-
Potentially infilled land (non-water)	1	0	73m N	Unknown filled ground (pit, quarry etc)
Potentially infilled land (water)	0	3	388 E 406 E 489 E	Unknown filled ground (pond, marsh, river, stream etc) Unknown filled ground (pond, marsh, river, stream etc) Unknown filled ground (pond, marsh, river, stream etc)
Licensed Waste Management Facilities	1	0	-	-
Registered Waste Transfer Sites	1	0	202 NE	Grayclare Ltd, Stiton Road CV13 0JP for double bagged asbestos product.
COMAH sites	0	0	-	-
NIHHS sites	0	0	-	-
PFS sites	0	0	-	-
Potentially contaminative land uses (active)	4	0	33m N & 201m NE 166m NE 195m N	Precision Engineers Medical and Dental Laboratories Garage services
Potentially contaminative land uses (inactive)	3	1	187m NE 202m NE 228m NE 334m N	Precision Engineers Engineers – General Car breakers and dismantlers Car manufacturers

The database indicates that the site is unlikely to be affected by authorised discharges, pollution incidents or landfill sites. However, a small number of potentially contaminative land uses (both active and inactive) have been identified in the surrounding area. The possibility of land contamination at the site as a result of these activities is discussed in Section 7.0 (Initial Conceptual Site Model).

The database entries also include classifications of the risks posed by geological conditions at the site. These are summarised in Table 6.2.

Table 6-2 Geological conditions

Hazard	Risk on-site
Shrinking or swelling clay	Low
Collapsible ground	Very low
Compressible ground	Moderate
Ground dissolution	No hazard
Landslide ground stability	No hazard
Running sand ground stability	No hazard

Table 6.2 indicates that the site is generally at low risk to be affected by ground instability arising from geological conditions beneath the site, with the exception of compressible ground. The compressible deposits hazard rating identified on the study site is Moderate and may be related to the presence of the underlying alluvium.

initial conceptual site model (CSM)

A qualitative risk assessment of the site was undertaken utilising the information obtained in the preceding desk study section of the report in order to facilitate the development of an initial CSM. This was based on a risk-based approach and incorporated the accepted source–pathway–receptor linkage approach ('pollutant linkage') outlined in Part IIa of the Environmental Protection Act 1990. This approach also follows the risk assessment framework included in Land Contamination Risk Management (LCRM) (EA, 2020) in which three essential elements to any risk are considered:

- A **source** – a contaminant or pollutant that is in, on or under the land and has the potential to cause harm or pollution;
- A **pathway** – a route or means by which a receptor can be exposed to, or affected by, a contaminant.
- A **receptor** – in simple terms, something that may be adversely affected by a contaminant

A risk is created only where the above three elements are linked together, and must first be established for a contaminated land hazard to exist and before any other secondary considerations are given to the effects and the need/requirement for remediation.

The identified potential sources, receptors and pathways are summarised within Table 6-3. Sources arising from the current and historical uses of the site and surrounding area have been considered. Ground contamination can only be considered as potential until proven and hence the assessment is qualitative. For the purpose of this assessment the sources have been separated according to whether they are likely to have originated from on-site or off-site. The potential contaminants arising from the identified sources have been determined from the relevant DoE Industry Profiles (where available) and are included in the Table.

Table 6-3 Initial CSM

Potential sources (Associated Contaminants)
On-site sources: - Former railways lines / cuttings on-site and associated infrastructure (<i>metals/metalloids, hydrocarbons, PAH, TPH</i>) - Made Ground associated with former use as railway sidings (<i>metals/metalloids, hydrocarbons, PAH, TPH</i>)
Off-site sources: - Railway lines, sidings, engine shed and other rail infrastructure adjacent west (<i>metals, PAH, hydrocarbons, phenols, sulphates and acid/alkalis, asbestos</i>) - Former gasworks 250m north (<i>metals, PAH, hydrocarbons, phenols, sulphates and acid/alkalis, asbestos</i>) - Former brickworks 200m north (<i>metals, PAH, hydrocarbons, phenols, sulphates and acid/alkalis, asbestos</i>) - Sewage works adjacent south-east (<i>metals, PAH, hydrocarbons, phenols, sulphates and acid/alkalis,</i>) - Potentially infilled land 73m north (<i>metals, PAH, hydrocarbons, phenols, sulphates and acid/alkalis, asbestos</i>) - Current and former industrial activities undertaken within 500m of the site including garage service firms / Engineering Works (<i>metals, PAH, hydrocarbons, phenols, sulphates and acid/alkalis</i>) However, the primary responsibility for ground contamination occurring at the site from off-site sources would lie with the respective site owners/occupiers.
Potential Receptors
- Humans: Construction workers, future maintenance workers, site end users, off-site residents. - Development end use: buildings, hardstanding, services/utilities and landscaped areas. - Controlled waters: - Groundwater: 'Secondary Undifferentiated' aquifer status of superficial deposits and 'Secondary B' aquifer status of underlying bedrock - Surface water: unnamed watercourse adjacent the southern site boundary
Potential pathways
- Humans: Ingestion, skin contact, inhalation of dust and indoor and outdoor air - Development end use: Contact - Controlled waters: - Groundwater: leachate migration into pore water from soil contamination, free product flow (if present), dilution and dispersion through soils into shallow groundwater - Surface water: Surface run-off, hydrological flow within groundwater

The CSM summarises the identified potential sources of ground contamination, potential exposure/migratory pathways and potential receptors, and indicates that it is possible for the accepted contaminated land hazard identification convention (source–pathway–receptor linkage) to be completed for this site with respect to human receptors, the development end use and controlled waters as a result of both on and off-site sources of contamination. Section 7.0 provides a prioritisation of risk.

7.0 PRELIMINARY RISK ASSESSMENT

7.1 Ground Contamination Risk Prioritisation

Tables 8.1 and 8.2 illustrate a risk prioritisation of the 'pollutant linkages' that may be present at the site as a result of potential contaminants arising from on- and off-site sources respectively.

The significance of each 'pollutant linkage' has been assessed as low, moderate or high based upon the following definitions:

- Low: No significant linkage exists and / or the potential for future impact is considered to be minimal.
- Moderate: The linkage exists, but there are insufficient field or laboratory data to confirm the link.
- High: The linkage exists and the availability of data indicates remedial action may be required to address potential liability issues.

The assessment relates the relevance of these linkages to the site under consideration and assumes the redevelopment of the site for commercial end use.

Table 7-1 Ground contamination assessment with respect to on-site sources

On-site Sources	Potential Contaminants	Pathway	Receptor	Risk Classification
Former railways lines and cuttings Made Ground associated with former use as railway sidings	Metals/metalloids, PAH, TPH, acidity/alkalinity (low/high pH), sulphate	Direct contact with contaminated material, ingestion of soil, inhalation of dust and vapours	Human health: Construction/maintenance workers	Moderate
			Human health: Site end users	Low to moderate
		Inhalation of dust and vapours	Human health: Off-site residents	Low to moderate
		Direct contact	Development end use	Moderate
	Metals/metalloids, TPH, PAH, acidity/ alkalinity (low/high pH), asbestos	Leachate migration into pore water from soil contamination, free product flow, dilution and dispersion into groundwater	Controlled waters: 'Secondary Undifferentiated' aquifer status of the superficial deposits and 'Secondary B' aquifer status of the bedrock	Moderate
		Surface run-off Hydrological flow	Controlled waters: Surface water course along the southern site boundary	Moderate

The assessment in Table 8.1 indicates a potentially moderate risk to the short-term health of construction workers during the development phase of the site. However, in practice this risk is likely to be mitigated by the adoption of safe working practices including the use of appropriate personal protective equipment. The risk to future site users is considered low to moderate on the basis of the proposed development containing areas of soft-landscaping or enclosed structures. The risk to controlled water receptors is considered moderate at this stage.

Table 7-2 Ground contamination assessment with respect to off-site sources

Off-site Sources	Potential Contaminants	Pathway	Receptor	Risk Classification
Railway lines, sidings, engine shed and other rail infrastructure adjacent west	Metals, PAH, Hydrocarbons, Phenols, Sulphates, Acids/alkalis, Asbestos	Direct contact with contaminated material, ingestion of soil, inhalation of air	Human health: Construction/maintenance workers	Low to Moderate
Former gasworks and brickworks 200 to 250m north	Metals, PAH, Hydrocarbons, Cyanide, Asbestos		Human health: Site end users	Low
Sewage works adjacent south-east	Metals, PAH, Hydrocarbons, Cyanide, Phenols, Sulphates, Acids/alkalis, Pesticides	Direct contact	Human health: Off-site residents	Low to Moderate
Potentially infilled land 73 north	<i>Dependant on nature of infill materials, but may include: Metals, PAH, Hydrocarbons, Phenols, Solvents, Sulphates, Acid/alkalis, Soil gas, Asbestos</i>	Leachate migration into pore water from soil contamination, free product flow, dilution and dispersion into groundwater	Development end use	Low to Moderate
Current and former industrial activities undertaken within 500m of the site	Metals, PAH, Hydrocarbons, Phenols, Sulphates, Acids/alkalis	Surface run-off Hydrological flow	Controlled waters: 'Secondary Undifferentiated' aquifer status of the superficial deposits and 'Secondary B' aquifer status of the bedrock	Moderate
			Controlled waters: Surface water course along the southern site boundary	Moderate

The assessment in Table 8.2 indicates a low risk to future site users and low to moderate risk to the health of construction workers and the development end use. The risk to controlled water receptors is considered moderate from off-site source of contamination, but this would be the primary responsibility of the respective site owners/occupiers.

In practice, this may mean that contamination of groundwater and/or surface water at the site locality, if present, cannot conclusively be attributed to a specific source(s).

7.2 Ground Gas Hazards

The potentially infilled pit 73m north of the site may be a source of ground gas depending on the infill materials used. Organic material associated with underlying alluvium may also be a source of ground gas. A gas monitoring regime should be incorporated into any future intrusive investigation works at the site to provide quantitative data for a ground gas risk assessment.

The Envirocheck report indicates that the site is located in a lower probability area where less than 1% of homes are estimated to be at or above the radon action level. No radon protection measures are indicated to be required in the construction of new dwellings.

7.3 Summary of Main Risks

The main risks to the proposed development identified by the PRA as perceived by DTS Raeburn is presented within Table 7-3. A risk classification has not been included, as this would need to include

a likely cost-benefit analysis, which is outside the scope of this report. The list of hazard/risks tabulated is not exhaustive and should be read in conjunction with the main text of the report

Table 7-3 Summary of main identified risks continued

Hazard/Risk	Cause	Possible Impact/ Consequence	Recommendations
Potential soil and groundwater contamination	Contamination associated with historical railway lines and infrastructure onsite along with other off-site industrial land uses.	Possible need for remediation. Cost and programming implications	Intrusive investigation recommended
Ground gas	Degradation of organic or putrescible materials within the alluvium and unknown Made Ground	Requirement for inclusion of gas protection measures. Cost and programming implications	Inclusion of gas monitoring regime within ground investigation works
Low strength and compressible soils	Potential variability of the natural strata (alluvium) underlying the site	Possible need for suspended floor slabs, piled foundations or ground improvement. Cost and programming implications	Intrusive investigation and a programme of geotechnical testing recommended

8.0 LIMITATIONS AND USE OF THIS REPORT

IMPORTANT: This section should be read before reliance is placed on any of the opinions, advice, recommendations and conclusions contained in this report.

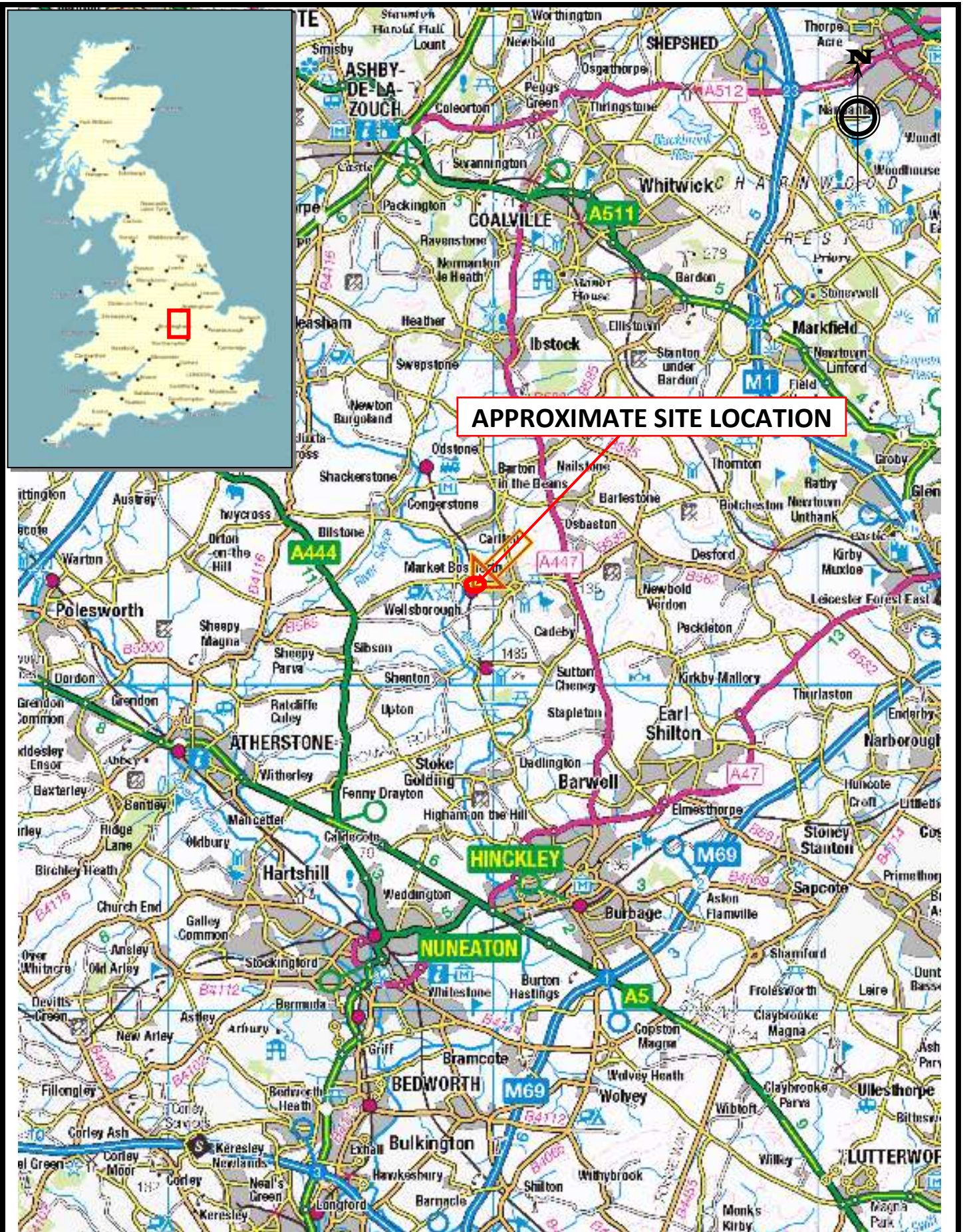
- a) This report has been prepared at the request of JJ Churchill Ltd ('the Client') pursuant to their appointment of DTS Raeburn Limited in connection with the PRA;
- b) Except for JJ Churchill Ltd, no duty is undertaken or warranty or representation made to any party in respect of the opinions, advice, recommendations or conclusions contained in this report;
- c) All work carried out in preparing this report has used, and is based upon DTS Raeburn's professional knowledge and understanding of the current (February 2023) relevant standards, codes, technology and legislation. Changes in the above may cause the opinion, advice, recommendations or conclusions set out in this report to become inappropriate or incorrect. Following delivery of this report, DTS Raeburn will have no obligation to advise the Clients of any such changes or of their effects. It may therefore be necessary to review the opinions, advice, recommendations and conclusions of this report following future changes to legislation;
- d) Some of the information referenced and included in the report has been provided by third parties and whilst DTS Raeburn has no reason to doubt the accuracy, these items have not been verified. DTS Raeburn accepts no responsibility for errors within third party materials referenced and presented in this report;
- e) The content of this report represents the professional opinion of experienced geotechnical and environmental specialists/consultants. DTS Raeburn does not provide associated legal advice and appropriate legal advice should be sought if required;
- f) The lack of evidence of the presence of hazardous materials, voids or obstructive features at the subject property does not guarantee the absence of such materials, rather it indicates only that none was found as a result of the services provided.

DTS RAEBURN Ltd

E13705/1 – March 2023

References

- BGS Online Geological Data http://www.bgs.ac.uk/opengeoscience/home.html	- British Standards Institution BS 10175:2011 + A2:2017 Investigation of Potentially Contaminated Sites: Code of Practice
- Coal Authority Online Data http://mapapps2.bgs.ac.uk/coalauthority/home.html	- Environment Agency Land Contamination Risk Management (LCRM) 2020
- Public Health England Online Radon Maps http://www.ukradon.org/information/ukmaps	- British Standards Institution BS 5930:2015+A1:2020 Code of Practice for Ground Investigations
- Multi Agency Geographical Information for the Countryside Online Data http://www.magic.gov.uk/	- BR 211 Radon: guidance on protective measures for new buildings BRE, 2015
- Department of Environment Industry Profiles 1995,1996	



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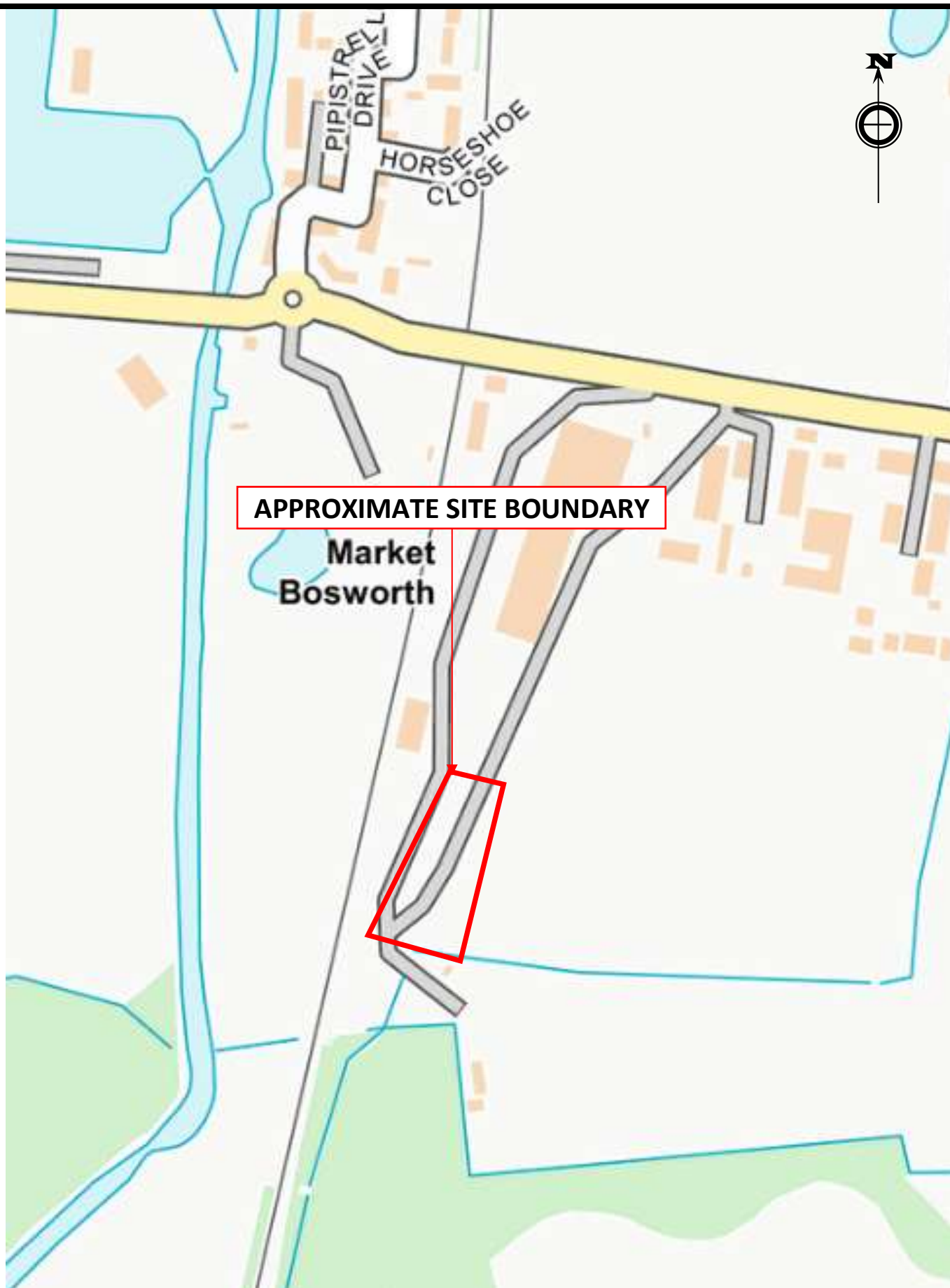
Moor Lane, Witton, Birmingham B6 7HG

Telephone: +44(0)121 344 5885 Facsimile: +44(0)121 344 5888

FIGURE 1

Site Location Plan
 Scale 1:200,000 @A4

E13697-1: Market Bosworth
 Prepared for: JJ Churchill Ltd



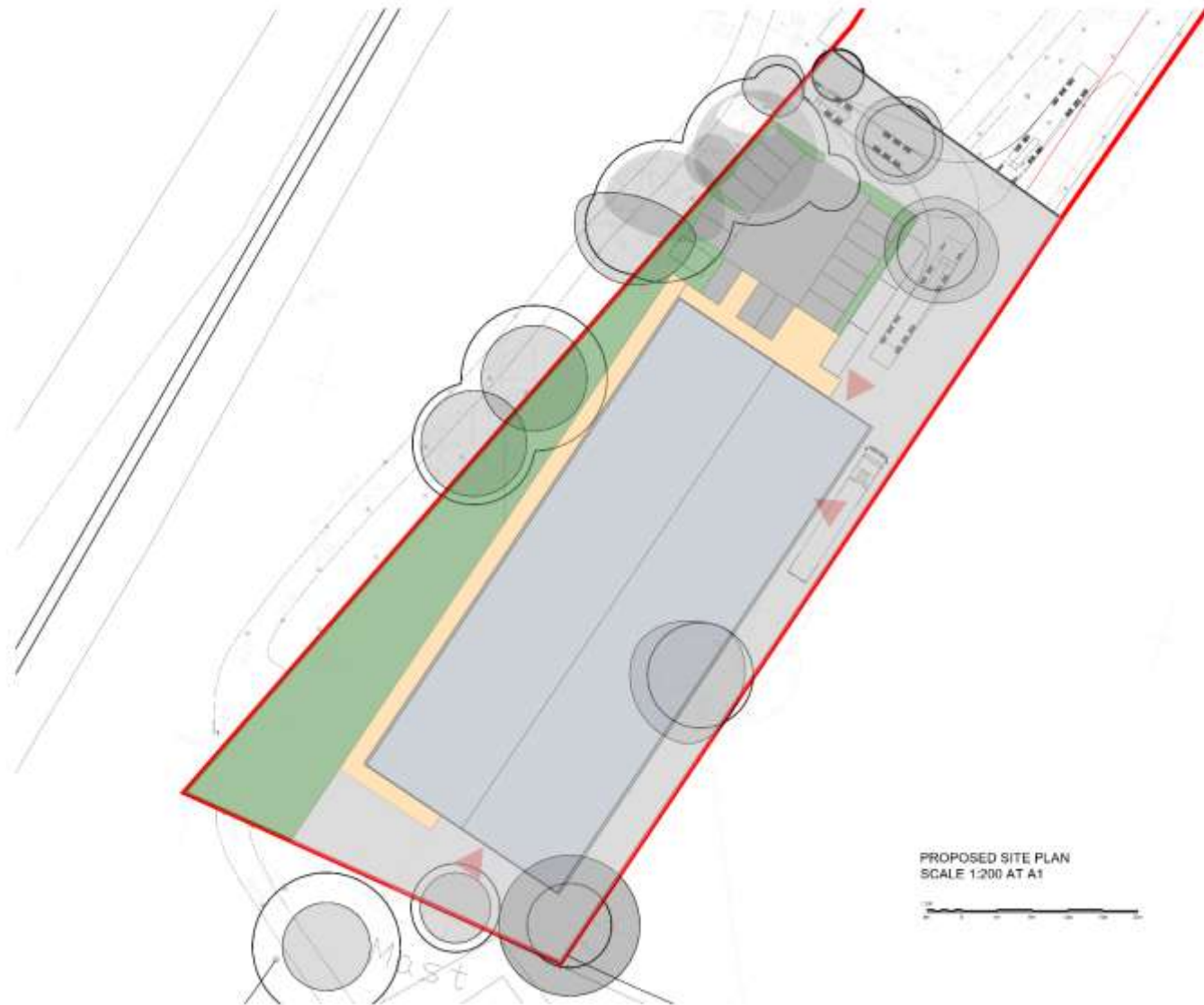
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FIGURE 2

Street Map
Scale 1:2,500 @A4

E13697-1: Market Bosworth
Prepared for: JJ Churchill Ltd



PROPOSED SITE PLAN
SCALE 1:200 AT A1

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FIGURE 3

**Proposed Development
Scale 1:200 at A1**

**E13705/1:
Prepared for: JJ Churchill Ltd**

Enclosure A

Photographic Log
(7 pages)



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Legend:

— Site Boundary
 Photo location

Enclosure A

Photographic Log

E13705/1

Prepared for: JJ Churchill Ltd



Plate 1: View south from service yard to site entrance



Plate 2: View south of site entrance

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PLATES 1 & 2

Photographic Record

E13705/1:
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Plate 3: view south of road from site entrance



Plate 4: View south-east of adjacent caravan park

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PLATES 3 & 4

Photographic Record

E13705/1:
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Plate 5: View north east of brick retaining wall



Plate 6: View north of surface cover upon platform

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PLATES 5 & 6

Photographic Record

**E13705/1:
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Plate 7: View south of surface cover on platform



Plate 8: view south-west of stream and culvert

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PLATES 7 & 8

Photographic Record

E13705/1:

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Plate 9: View north along western site boundary towards railway sidings and engine shed



Plate 10: View west of engine shed

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PLATES 9 & 10

Photographic Record

**E13705/1:
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Plate 11: View south along sites eastern boundary



Plate 12: View east to adjacent fields

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PLATES 11 & 12

Photographic Record

E13705/1:
Prepared for: JJ Churchill Ltd

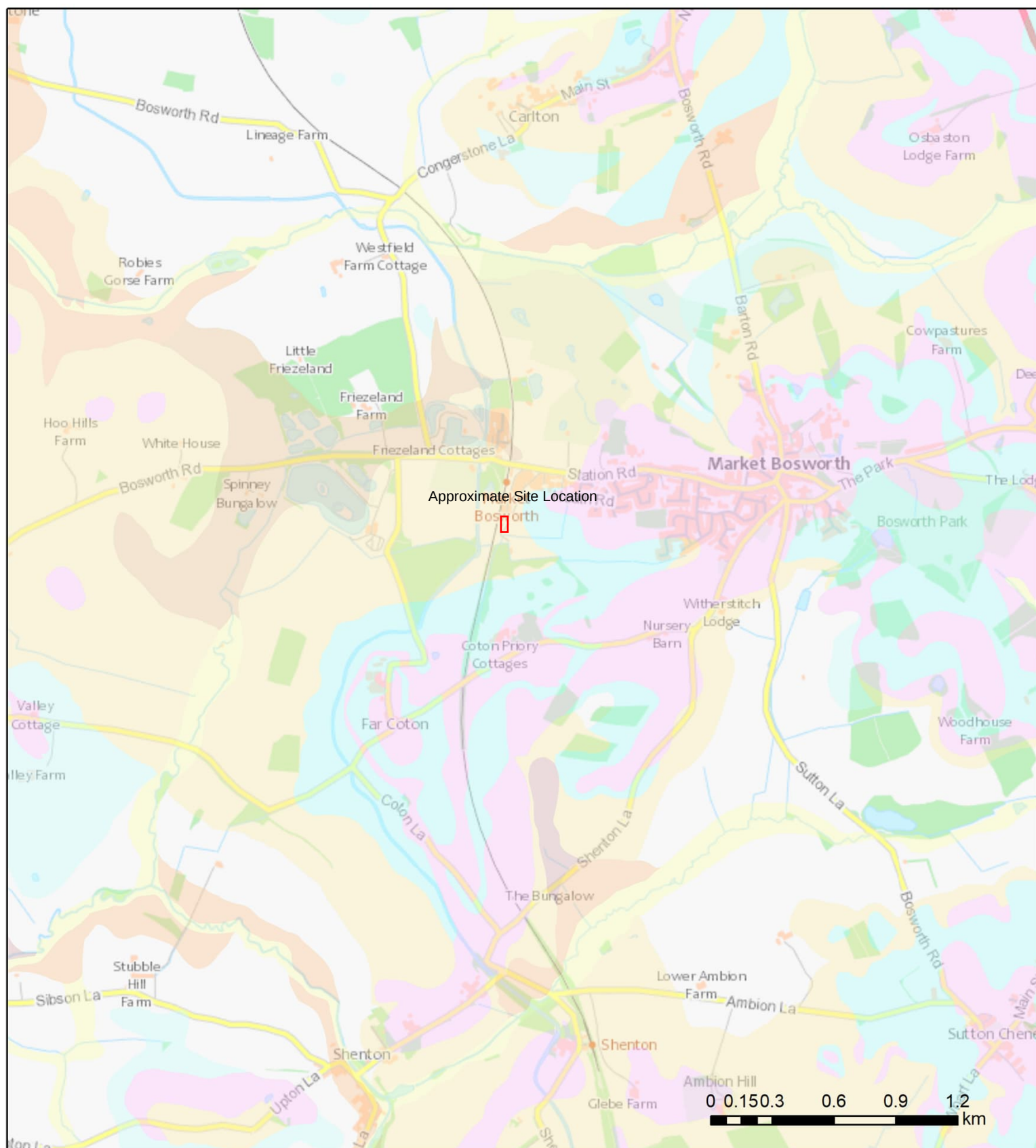
Enclosure B

BGS GeoIndex Report
(4 pages)

GeoIndex Report



British
Geological
Survey



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GeoIndex Onshore Data Sources: NERC, Natural England, English Heritage and Ordnance Survey

Map Key

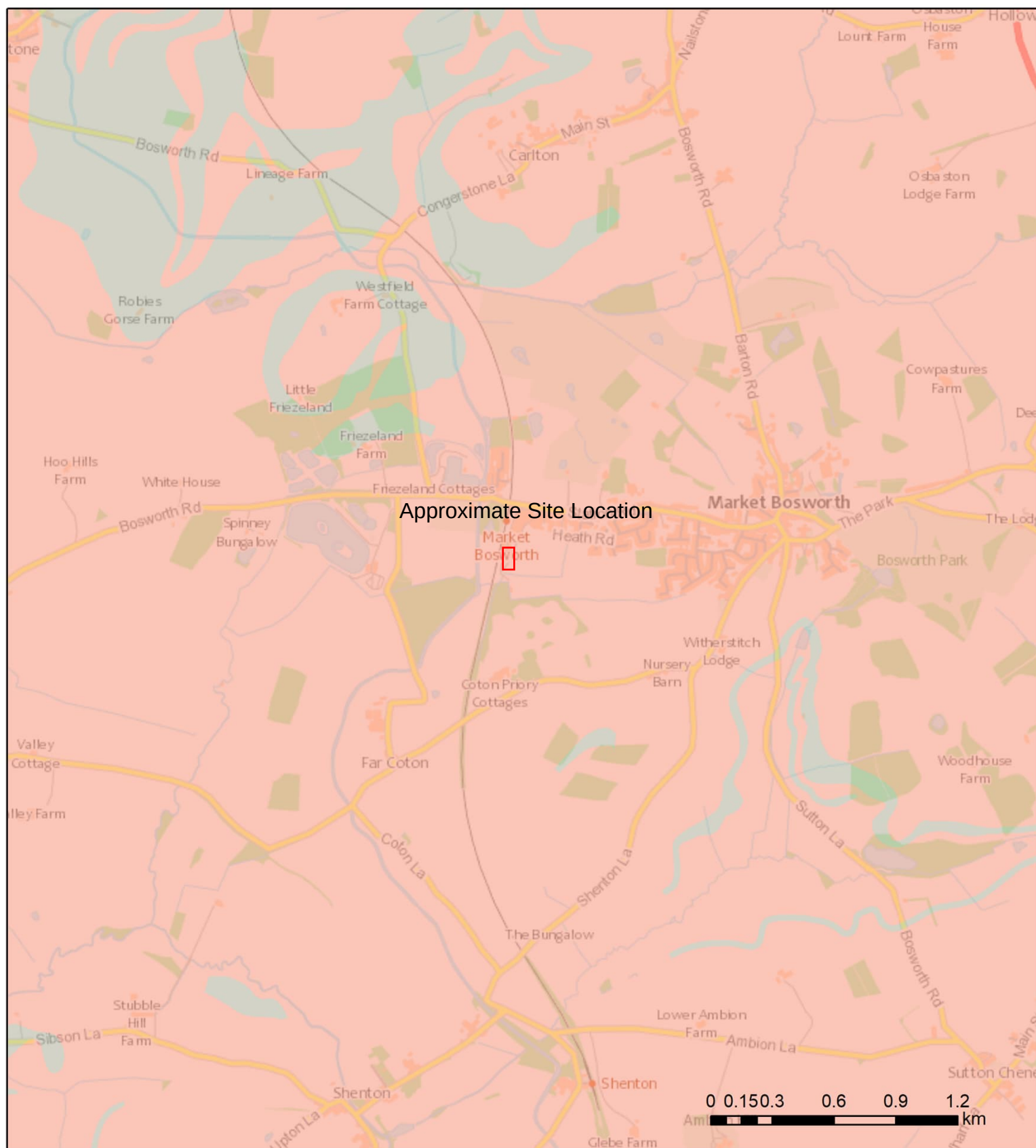
Superficial deposits 1:50,000 scale

	<u>GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE - SAND AND GRAVEL</u>
	<u>THRUSSINGTON MEMBER - DIAMICTON</u>
	<u>OADBY MEMBER - DIAMICTON</u>
	<u>ALLUVIUM - CLAY, SILT, SAND AND GRAVEL</u>
	<u>BOSWORTH CLAY MEMBER - CLAY AND SILT</u>
	<u>HEAD - CLAY, SILT, SAND AND GRAVEL</u>
	<u>RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL</u>
	<u>LACUSTRINE DEPOSITS - CLAY, SILT AND SAND</u>

GeoIndex Report



British
Geological
Survey



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GeoIndex Onshore Data Sources: NERC, Natural England, English Heritage and Ordnance Survey

Map Key

Bedrock geology 1:50,000 scale

-  [EDWALTON MEMBER - MUDSTONE](#)
-  [GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC](#)
-  [GUNTHORPE MEMBER - MUDSTONE](#)
-  [COTGRAVE SANDSTONE MEMBER - SANDSTONE](#)

Enclosure C

BGS Borehole Records
(7 pages)

SK 30 SE/3.

155

N.G.R. 3916

0323

5

Market Bosworth—Maps: 155; (29 S.W., ~~Map 30 SE/3~~)*Boscworth Wharf Boring.*—Site marked on map—close to canal at railway station. 1880-1882. 11 ft. above O.D., 300 ft.Detailed record from J. Plant's MSS. published in the 'Coalfield Memoir,' pp. 342-343; see also pp. 102, 103. H. T. Brown, *Quart. Journ. Geol. Soc.*, vol. xlv, 1889, pp. 31, 32, 37, 38.

Summarized section :—		Thickness		Depth	
		Ft.		Ft.	
Boulder Clay...	...	27		27	
Keuper Marl	...	355		382	
Lower Keuper Sandstone	...	179		561	
Bunter Pebble Beds with, below	...	183		744	
[?Trias] Breccia	...	10		754	
Cambrian (Stockingford Shales)	Igneous rock	43		797	
	Dark ferruginous shales dipping at a high angle	454		1251	
	Igneous rock	57		1308	
	Shales with thin igneous bands	22		1330	
	Breccia	34		1364	

*See another
suggested
classification
attached.*

Dr. Brown stated that the breccia is composed principally of fragments of slate and igneous rock, embedded in a hard calcareous matrix resembling very much in general appearance the breccia which occurs at the base of the Hartshill Quartzite (Cambrian). He considered that this boring passed through a fault, which throws up the basement beds of the Hartshill Quartzite on the east against the Stockingford Shales on the west, as the shales passed through in the boring are not the Lower Stockingford Shales, and shales of this character are not found abruptly succeeding breccias without any sign of a passage. Moreover, the beds were much broken and slickensided just before the breccia was reached.

Site taken for field slip later 29 SW-E

CW 6. E. 49

Published in
'Wells & Springs
of Leicester.'

p. 68, 69

155
54

Market Bosworth.

BOSWORTH WHARF BORING.

Boring at the Railway Station, 300 feet above Ordnance Datum.

From Mr. J. Plant's MISS.

Series 205-3

116.43

170.99

222.19

229.51

Lake Clay bluish

KM Keuper Marl

KS Keuper Sandstone (54-56m)

Boundary Pebble Beds (57.2m) Basal Breccia (7.32m)

Ac. Carb. (Cambrian)

Cambrian possibly Stodolka Shales

PP J. Brewster 2/77

	Thickness. Ft. Ins.	Depth. Ft. Ins.
Clay, sand, and pebbles	7 0	7 0
Brown clay	20 0	27 0
Gypsum	3 0	30 0
Red marl	1 0	31 0
Grey marl	8 0	39 0
Gypsum	1 0	40 0
Red marl	8 0	48 0
Grey marl	2 0	50 0
Gypsum	1 0	51 0
Red and grey marl alternately	30 0	81 0
Grey marl	10 0	91 0
Gypsum	1 0	92 0
Red marl	6 0	98 0
Red and grey marl with gypsum	10 0	108 0
Red marl	10 0	118 0
Red and grey marl	14 0	132 0
Gypsum	1 0	133 0
Red and grey marl	30 0	163 0
Red marl	35 0	198 0
Sandy red and grey marl, chiefly grey	91 0	289 0
White and red clay	0 0	290 0
Sandy red and grey marl, chiefly red	40 0	330 0
Red marl	12 0	342 0
Sandy marl (red and grey) with sherry	30 0	372 0
Red marl	10 0	382 0
Micaceous sandstone with black spots	1 0	383 0
Sandstone with mica	15 0	398 0
Red and grey sandstone	15 0	413 0
Sandy marl, red and grey	8 0	421 0
Red marl	8 0	429 0
Coarse sandstone	10 0	439 0
Coarser sandstone	10 0	449 0
Sandy marl	112 0	561 0
Conglomerate	130 0	691 0
Purple streaky sandstone	2 0	693 0
Coarse sandstone, reddish grey	36 0	729 0
Broken pebbles	10 0	739 0
Heavily	14 0	753 0
Coarse purple calcareous sandstone	20 0	773 0
Fine grit with numerous veins of calc spar	3 0	782 0
Fine purple bind (marl) with veins of carbonate of lime	3 0	785 0
Coarse purple sandstone with veins of carbonate of lime	6 0	791 0
Calcareous sandstone	5 0	796 0
Junction core, part purple calcareous sand, part mottled bind	1 0	797 0
Brown bind dipping 65°	12 0	809 0
Brown and mottled ironstone with carbonate of iron	26 0	835 0
Ironstone with small spangles of sulphide of iron	9 0	844 0
Blue bind with streak bands of darker bind. Dip 73°	9 0	853 0
Blue bind with dark bands. Dip 75°-80°	29 0	882 0
Blue slaty bind	43 0	925 0
Blue slaty bind, with fine grit veins	22 0	947 0
Blue slaty bind	49 0	996 0
Blue slaty bind, with veins of carbonate of lime. This core contains Marcasite	4 0	1,000 0
Dark bind with darker stripes, with Marcasite and thin veins of carbonate of lime	8 0	1,008 0
Dark bind with darker stripes	130 0	1,138 0
Soft black bit splitting with thin laminae	10 0	1,148 0
Blue bind with beds of fine freestone. Dip 76°	27 0	1,175 0
Clay ironstone	19 0	1,194 0
Fireclay mixed with clay ironstone	4 0	1,198 0
Clay ironstone passing into blue bind	3 0	1,201 0
Clay ironstone and soft blue bind	7 0	1,208 0
Clay ironstone	3 0	1,211 0
Hard siliceous sandstone	1 0	1,212 0
Cank	1 0	1,213 0
Clay ironstone, very rich, with veins of carbonate of lime	17 0	1,230 0
Blue bind, soft	6 0	1,236 0
Clay ironstone, stripes	5 0	1,241 0
Altered clay ironstone (?)	6 0	1,247 0
Sandy clay ironstone	4 0	1,251 0
Clay ironstone sandy with yellow spangles of pyrites	14 0	1,265 0
Strong reddish and grey green freestones with specks of coal (?) and spangles of pyrites	2 0	1,267 0
Dark purple sandstone with veins of carbonate of lime	5 0	1,272 0
Dark coarse ferruginous sandstone with veins of carbonate of lime	15 0	1,287 0
Coarse reddish sandstone	6 0	1,293 0

Published in
'Leics. & S. Derby
Coalfields',

Part 3 42, 343
& pages 102 & 103.

155¹⁵/₅₄
54

MARKET BOSWORTH.

BOSWORTH Wagon Boring (cont.)

CARRIED FORWARD		1,293' 0"
Soft sandstone with rounded grains of carbonate of lime	4 0	1,297 0
Grey fine-grained freestone with grains of carbonate of lime	2 0	1,299 0
Clink passing into fine dark red freestone with carbonate of lime	2 0	1,301 0
Dark red freestone passing into	6 0	1,306 0
Clay ironstone	3 0	1,309 0
Red freestone with white streaks	4 0	1,313 0
Fireclay passing into	5 0	1,318 0
Clay ironstone with grey fireclay and bind	27 0	1,345 0
Breccia cemented with carbonate of lime	1 0	1,346 0
Clink	1 0	1,347 0
Breccia	17 0	1,346 0

?Hartshill
Quartzite

Dr. H. T. Brown, who examined the cores obtained from this boring some years ago, gives a note from which the following is compiled.*

Trias	Feet.
Breccia	744
Igneous rock traversed by joints filled with infiltrated dolomite	10
Stockingford shales, red above, blue below high dip	497
Igneous rock	67
Dark blue Stockingford shales	22
Breccia like that at the base of the Hartzhill quartzite	34

* *Quart. Journ. Geol. Soc.*, vol. xiv. (1859), p. 31 and MSS. notes.

Published in
'Leics. & S. Derby
Coalfield',
page 342, 343

8th February 1923

BORMHOLL SECTION

BORNE & COMMUNICATED BY LE GRAND, SUTCLIFF & GELL LTD.

SOUTH

DISTRICT. Market Bosworth IN THE COUNTY OF Leicestershire

1" 155

54

	STRATA	THICKNESS	DEPTH
Glacial	Clay, Sand & Pebbles	7' 0	7' 0
	Brown Clay	20' 0	27' 0
	Gypsum	3' 0	30' 0
	Red Marl	1' 0	31' 0
	Grey Marl	8' 0	39' 0
	Gypsum	1' 0	40' 0
	Red Marl	8' 0	48' 0
	Grey Marl	2' 0	50' 0
	Gypsum	1' 0	51' 0
	Red & Grey Marl alternately	30' 0	81' 0
Knapur	Grey Marl	10' 0	91' 0
	Gypsum	1' 0	92' 0
	Red Marl	6' 0	98' 0
	Red & Grey Marl with Gypsum	10' 0	108' 0
	Red Marl	10' 0	118' 0
	Red & Grey Marl	14' 0	132' 0
	Gypsum	1' 0	133' 0
	Red & Grey Marl	30' 0	163' 0
	Red Marl	35' 0	198' 0
	White & Red Clay	91' 0	289' 0
Marl	Sandy Red & Grey Marl (Chiefly Grey)	1' 0	290' 0
	Sandy Red & Grey Marl (Chiefly Red)	40' 0	330' 0
	Red Marl	12' 0	342' 0
	Sandy Marl (with skerry)	30' 0	372' 0
	Red Marl	10' 0	382' 0
	Micaceous Sandstone (with black spots)	1' 0	383' 0
	Sandstone with mica	15' 0	398' 0
	Red & Grey Sandstone	15' 0	413' 0
	Sandy Marl (red and grey)	8' 0	421' 0
	Red Marl	8' 0	429' 0
Knapur	Coarse Sandstone	10' 0	439' 0
	Coarse Sandstone	10' 0	449' 0
	Sandy Marl	112' 0	561' 0
	Conglomerate	130' 0	691' 0
Total Depth of Boring.		691' 0	691' 0

Le Grand, Sutcliffe & Gell Ltd.

Ref. S.B. 2/342.343

N.B. No further particulars.

Work of Market Bosworth L.D.C. suggests
that this boring is the same as the one in 1899.
This does not appear to be so. *W.P.*
24.4.40.
* This section must have been merely copied
by Le Grand from older records as section is
identical with Bosworth Water Boring. *W.P.* 24.4.40

SK 30/13

BOREHOLE SECTION

8th February 1953

BORED & COMMUNICATED BY LE GRAND, SUTCLIFF & GELL LTD.

SOUTH

DISTRICT. Market Bosworth IN THE COUNTY OF Leicestershire

(1" 155)

54

	STRATA	THICKNESS	DEPTH
Glacial	Clay, Sand & Pebbles	7' 0	7' 0
	Brown Clay	20' 0	27' 0
	Gypsum	3' 0	30' 0
	Red Marl	1' 0	31' 0
	Grey Marl	8' 0	39' 0
	Gypsum	1' 0	40' 0
	Red Marl	8' 0	48' 0
	Grey Marl	2' 0	50' 0
	Gypsum	1' 0	51' 0
	Red & Grey Marl alternately	30' 0	81' 0
Keuper	Grey Marl	10' 0	91' 0
	Gypsum	1' 0	92' 0
	Red Marl	6' 0	98' 0
	Red & Grey Marl with Gypsum	10' 0	108' 0
	Red Marl	10' 0	118' 0
	Red & Grey Marl	14' 0	132' 0
	Gypsum	1' 0	133' 0
	Red & Grey Marl	30' 0	163' 0
	Red Marl	35' 0	198' 0
	Sandy Red & Grey Marl (Chiefly Grey)	91' 0	289' 0
Marl	White & Red Clay	1' 0	290' 0
	Sandy Red & Grey Marl (Chiefly Red)	40' 0	330' 0
	Red Marl	12' 0	342' 0
	Sandy Marl (with sherry)	30' 0	372' 0
	Red Marl	10' 0	382' 0
	Micaceous Sandstone (with black spots)	1' 0	383' 0
	Sandstone with Mica	15' 0	398' 0
	Red & Grey Sandstone	15' 0	413' 0
	Sandy Marl (red and grey)	8' 0	421' 0
	Red Marl	8' 0	429' 0
Keuper Sandstone	Coarse Sandstone	10' 0	439' 0
	Coarse Sandstone	10' 0	449' 0
	Sandy Marl	112' 0	561' 0
	Conglomerate	130' 0	691' 0
? Bunter and ? Hopton			
Total Depth of Boring.		691' 0	691' 0

Le. Grand, Sutcliffe & Gell Ltd.

Ref. S.B. 2/342.343

N.B. No further particulars.

Clerk of Market Bosworth R.D.C. suggests that this boring is the Lucy Cross Lodge one (i.e. 155 ft) this does not appear to be so. *WJ*

* This section must have been carefully copied by Le Grand, Sutcliffe & Gell as it is identical with the one at 155 ft. 24.4.40.

SK 30 SE/3

SK 30/18

SK 3920 0329

155

54

British Geological Survey

Market Bosworth.

British Geological Survey

BOSWORTH WHARF BORING.

Boring at the Railway Station, 300 feet above Ordnance Datum.

From Mr. J. Plant's MSS.

Lake clay bluish

Km

Kaufer Marl

British Geological Survey

KS

Kaufer Sandstone

RUNTER
PEBBLES
BEDSRunter Altk.
BedsMOIRA
BRECCIA

Basal Breccia

British Geological Survey

Re. Camb.
(Cambrian)CAMBRIAN
possibly Stockingford
Shalesper J. Brewster
2-77.

British Geological Survey

Geological Survey

British Geological Survey

	Thickness. Ft. Ins.	Depth. Ft. Ins.
Clay, sand, and pebbles	7 0	7 0
Brown clay	20 0	27 0
Gypsum	3 0	30 0
Red marl	1 0	31 0
Grey marl	8 0	39 0
Gypsum	1 0	40 0
Red marl	8 0	48 0
Grey marl	2 0	50 0
Gypsum	1 0	51 0
Red and grey marl alternately	30 0	81 0
Grey marl	10 0	91 0
Gypsum	1 0	92 0
Red marl	6 0	98 0
Red and grey marl with gypsum	10 0	108 0
Red marl	10 0	118 0
Red and grey marl	14 0	132 0
Gypsum	1 0	133 0
Red and grey marl	30 0	163 0
Sandy red and grey marl, chiefly grey	35 0	198 0
White and red clay	91 0	289 0
Sandy red and grey marl, chiefly red	1 0	290 0
Red marl	40 0	330 0
Sandy marl (red and grey) with sherry	12 0	342 0
Red marl	30 0	372 0
Micaceous sandstone with black spots	10 0	382 0
Sandstone with mica	1 0	383 0
Red and grey sandstone	15 0	398 0
Sandy marl, red and grey	15 0	413 0
Red marl	8 0	421 0
Coarse sandstone	8 0	429 0
Coarser sandstone	10 0	439 0
Sandy marl	10 0	449 0
Conglomerate	112 0	561 0
Purple streaked sandstone	130 0	691 0
Coarse sandstone, reddish grey	2 0	693 0
Broken pebbles	36 0	729 0
Basal Breccia	10 0	739 0
Coarse purple calcareous sandstone	14 0	753 0
Fine grit with numerous veins of calc spar	26 0	779 0
Fine purple bind (marl) with veins of carbonate of lime	3 0	782 0
Coarse purple sandstone with veins of carbonate of lime	3 0	785 0
Calcareous sandstone	6 0	791 0
Junction core, part purple calcareous sand, part mottled bind	5 0	796 0
Brown bind dipping 65°	1 0	797 0
Brown and mottled ironstone with carbonate of iron	12 0	809 0
Ironstone with small spangles of sulphide of iron	26 0	835 0
Blue bind with streak bands of darker bind. Dip 73°	9 0	844 0
Blue bind with dark bands. Dip 75°-85°	9 0	853 0
Blue slaty bind	29 0	882 0
Blue slaty bind, with fine grit veins	43 0	925 0
Blue slaty bind	22 0	947 0
Blue slaty bind, with veins of carbonate of lime. This core contains Marcasite	49 0	996 0
Dark bind with darker stripes, with Marcasite and thin veins of carbonate of lime	4 0	1,000 0
Dark bind with darker stripes	8 0	1,008 0
Soft black bat splitting with thin laminae	130 0	1,138 0
Blue bind with beds of fine freestone. Dip 78°	10 0	1,148 0
Clay ironstone	27 0	1,175 0
Fireclay mixed with clay ironstone	19 0	1,194 0
Clay ironstone passing into blue bind	4 0	1,198 0
Clay ironstone and soft blue bind	3 0	1,201 0
Clay ironstone	7 0	1,208 0
Hard siliceous sandstone	3 0	1,211 0
Clay	1 0	1,212 0
Clay ironstone, very rich, with veins of carbonate of lime	1 0	1,213 0
Blue bind, soft	17 0	1,230 0
Clay ironstone, stripes	6 0	1,236 0
Altered clay ironstone (?)	5 0	1,241 0
Sandy clay ironstone	6 0	1,247 0
Clay ironstone sandy with yellow spangles of pyrites	4 0	1,251 0
Strong reddish and grey green freestone with specks of coal (?) and spangles of pyrites	14 0	1,265 0
Dark purple sandstone with veins of carbonate of lime	2 0	1,267 0
Dark coarse ferruginous sandstone with veins of carbonate of lime	5 0	1,272 0
Coarse reddish sandstone	15 0	1,287 0
	6 0	1,293 0

Leics. & S. Derby

Published in
'Leics. & S. Derby
Coalfield',page 342, 343
of pages 102 & 103.

British Geological Survey

British Geological Survey

British Geological Survey

155
SK 30/18
54

Market Bosworth—Maps: 155; (29 S.W., ~~155, 30, 31, 32, 33, 34~~)

Bosworth Wharf Boring.—Site marked on map—close to canal at railway station, 1880-1882. Ht. above O.D., 300 ft.

Detailed record from J. Platt's MSS. published in the 'Coalfield Memoir', pp. 342-343; see also pp. 102, 103. H. T. Brown, Quart. Journ. Geol. Soc., vol. xiv, 1889, pp. 31, 32, 37, 38.

SK. 3920 0329

Summarized section:—		Thickness	Depth
		Ft.	Ft.
Boulder Clay...	...	27	27
Keuper Marl ...	...	355	382
Lower Keuper Sandstone ...	...	179	561
Bunter Pebble Beds with, below ...	...	183	744
[? Trias] Breccia ...	...	10	754
1. Igneous rock ...		43	797
Cambrian (Stockingford Shales)	Dark ferruginous shales dipping at a high angle ...	454	1251
	Igneous rock ...	57	1308
	Shales with thin igneous bands ...	22	1330
	Breccia ...	34	1364

1530 ft. *has another suggested classification attached.*

Dr. Brown stated that the breccia is composed principally of fragments of slate and igneous rock, embedded in a hard calcareous matrix resembling very much in general appearance the breccia which occurs at the base of the Hartshill Quartzite (Cambrian). He considered that this boring passed through a fault, which throws up the basement beds of the Hartshill Quartzite on the east against the Stockingford Shales on the west, as the shales passed through in the boring are not the Lower Stockingford Shales, and shales of this character are not found abruptly succeeding breccias without any sign of a passage. Moreover, the beds were much broken and slickensided just before the breccia was reached.

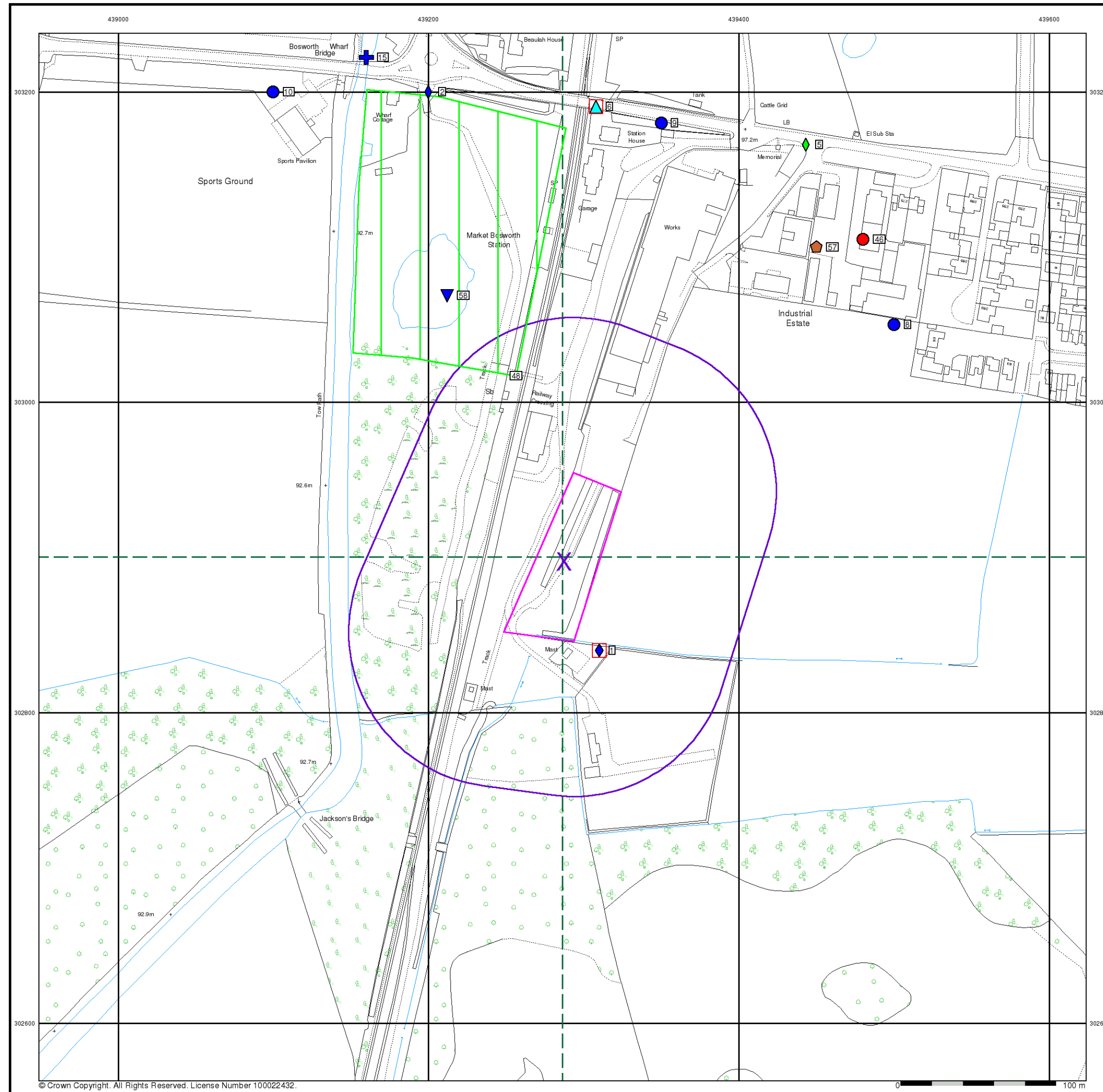
Ste taken from field slip Linc 29 SW-E

CW 6. E. 49

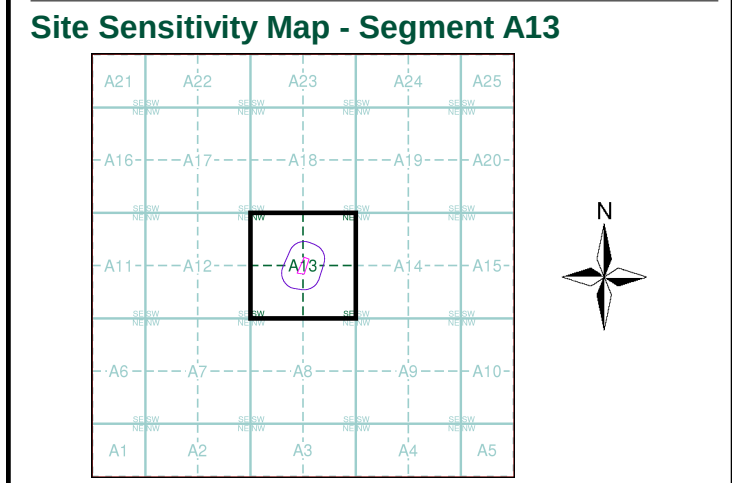
Published in
'Wells & Springs
of Leicester.'
p. 68, 69

Enclosure D

Hydrology, Hydrogeology, Site Sensitivity & Flood Risk
(13 pages)



- ### General
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
- ### Agency and Hydrological
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- ### Hazardous Substances
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- ### Waste
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

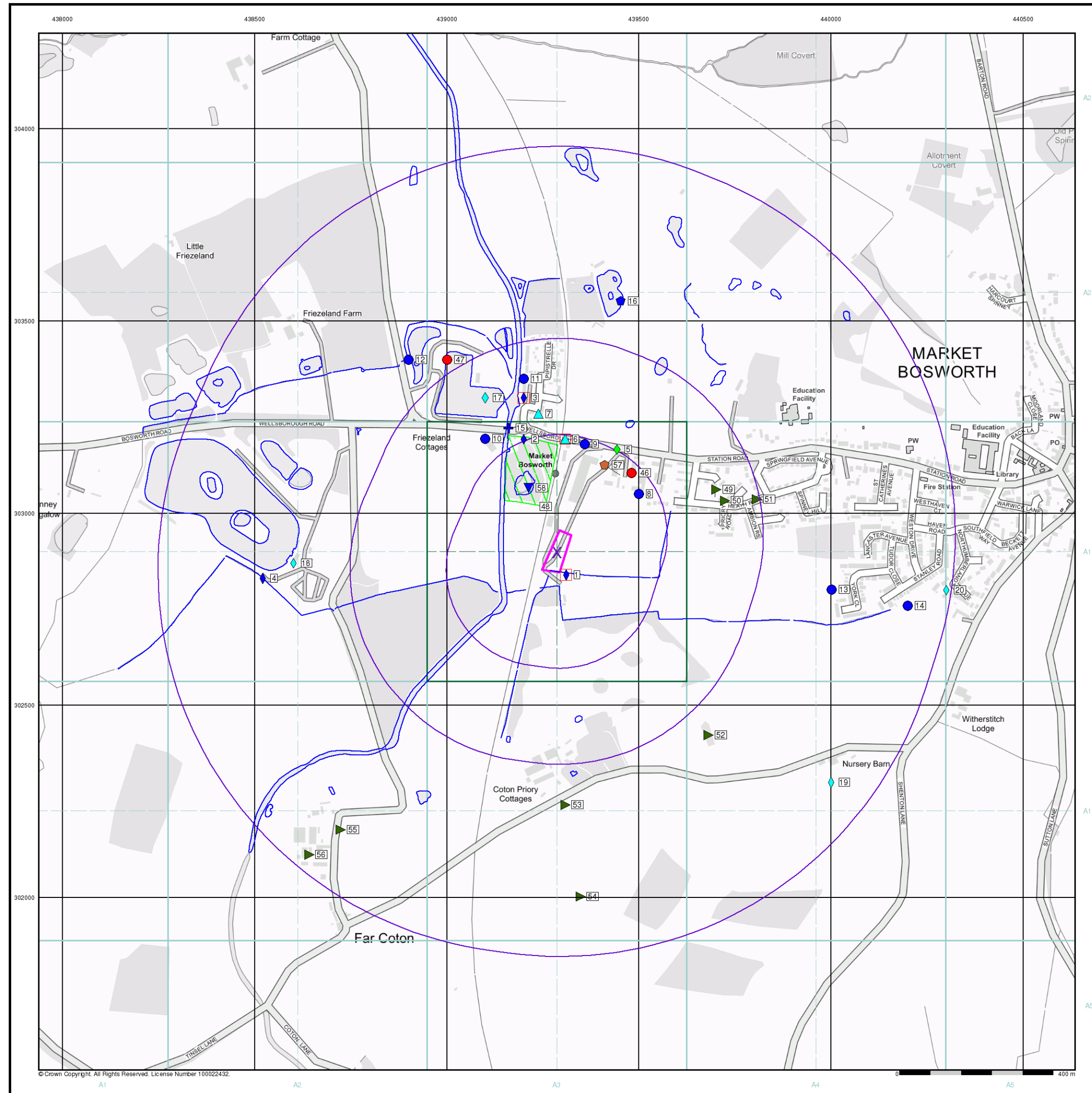


Order Details

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Plot Buffer (m): 100

Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF



- General

Specified Site

Specified Buffer(s)

Bearing Reference Point

Map ID

Several of Type at Location
- Agency and Hydrological

Contaminated Land Register Entry or Notice (Location)

Contaminated Land Register Entry or Notice

Discharge Consent

Enforcement or Prohibition Notice

Integrated Pollution Control

Integrated Pollution Prevention Control

Local Authority Integrated Pollution Prevention and Control

Local Authority Pollution Prevention and Control

Local Authority Pollution Prevention and Control Enforcement

Pollution Incident to Controlled Waters

Prosecution Relating to Authorised Processes

Prosecution Relating to Controlled Waters

Registered Radioactive Substance

River Network or Water Feature

River Quality Sampling Point

Substantiated Pollution Incident Register

Water Abstraction

Water Industry Act Referral

BGS Recorded Landfill Site (Location)

EA Historic Landfill (Buffered Point)

EA Historic Landfill (Polygon)

Integrated Pollution Control Registered Waste Site

Licensed Waste Management Facility (Landfill Boundary)

Licensed Waste Management Facility (Location)

Local Authority Recorded Landfill Site (Location)

Local Authority Recorded Landfill Site

Potentially Infilled Land (Non-water)

Potentially Infilled Land (Non-water)

Potentially Infilled Land (Non-water)

Potentially Infilled Land (Water)

Potentially Infilled Land (Water)

Potentially Infilled Land (Water)

Registered Landfill Site (Location)

Registered Landfill Site (Point Buffered to 100m)

Registered Landfill Site (Point Buffered to 250m)

Registered Waste Transfer Site (Location)

Registered Waste Transfer Site

Registered Waste Treatment or Disposal Site (Location)

Registered Waste Treatment or Disposal Site

Hazardous Substances

COMAH Site

Explosive Site

NIHHS Site

Planning Hazardous Substance Consent

Planning Hazardous Substance Enforcement

BGS Recorded Mineral Site
- Site Sensitivity Map - Slice A
- Order Details

Order Number:

309046969_1_1

Customer Ref:

E13705/1

National Grid Reference:

439290, 302900

Slice:

A

Site Area (Ha):

0.42

Search Buffer (m):

1000
- Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF
- Landmark

INFORMATION GROUP

Tel:

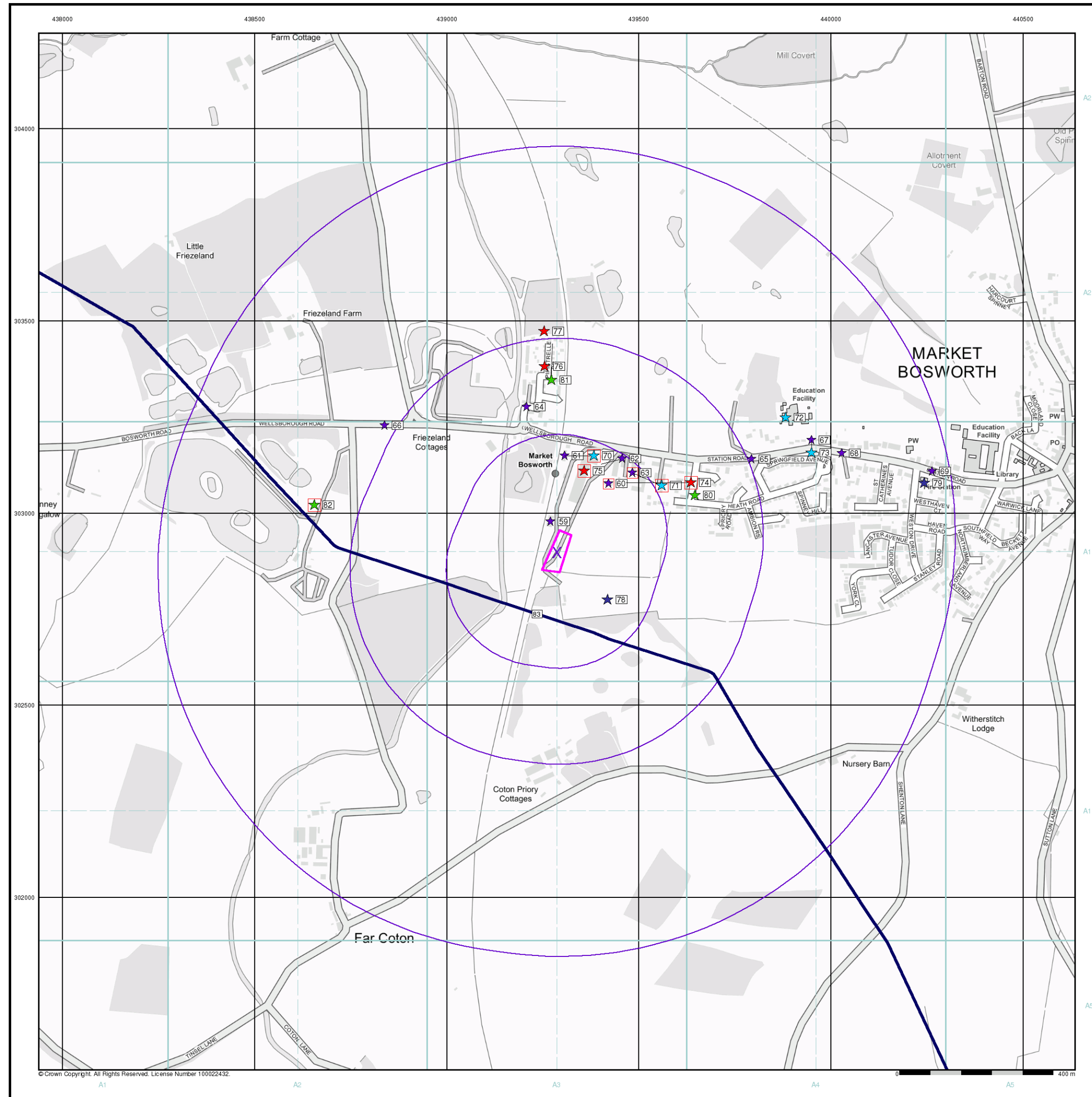
0844 844 9952

Fax:

0844 844 9951

Web:

www.envirocheck.co.uk
- A Landmark Information Group Service v50.0 24-Mar-2023 Page 1 of 6



Industrial Land Use Map

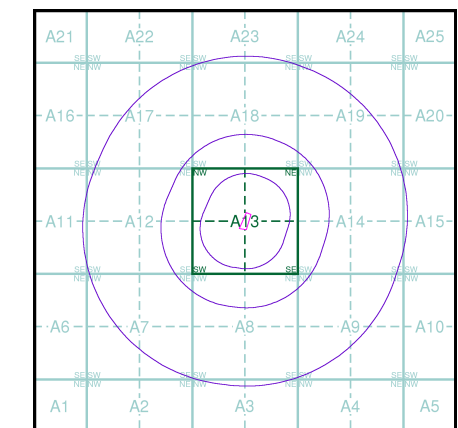
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A

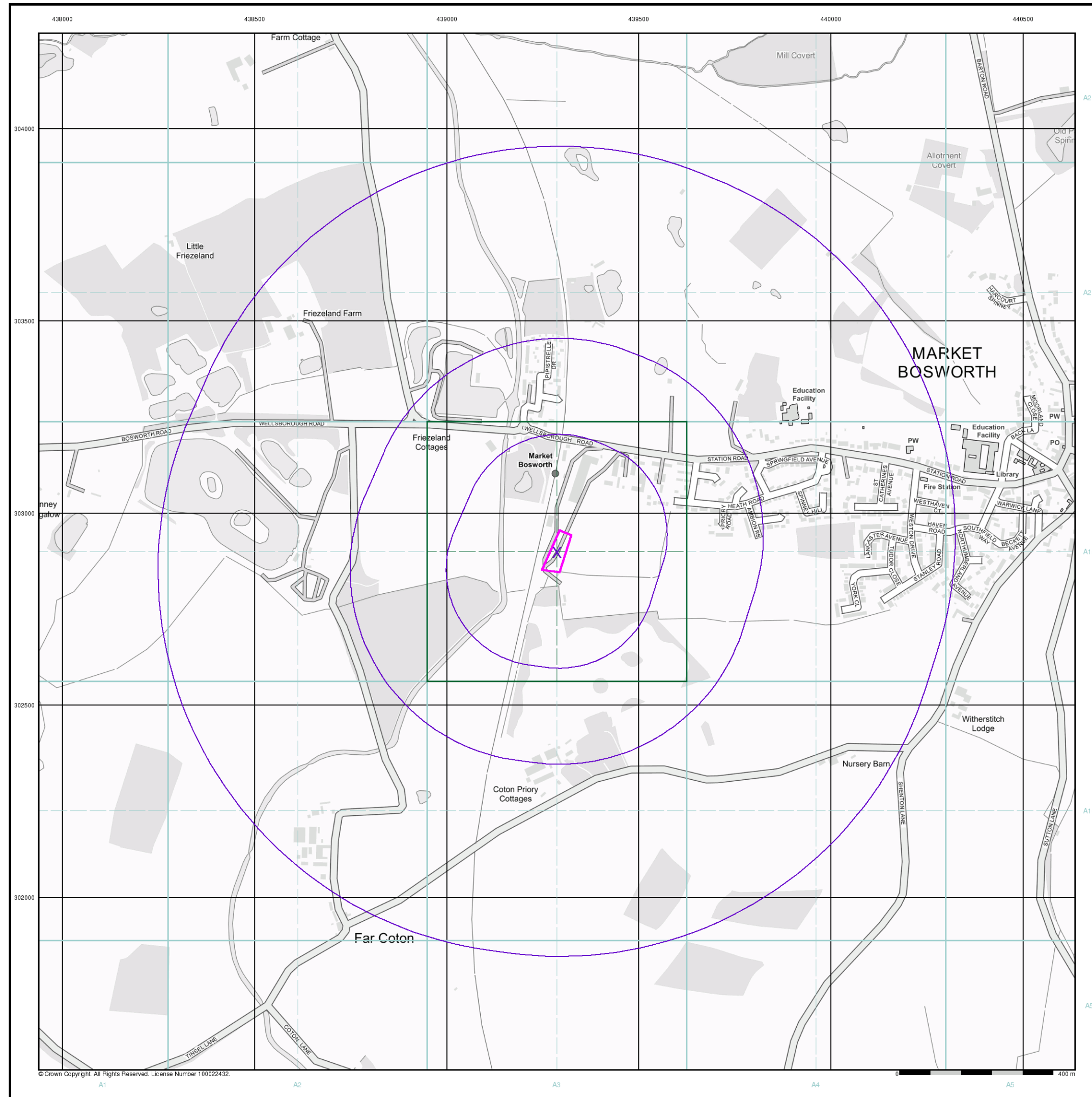


Order Details

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 1000

Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF



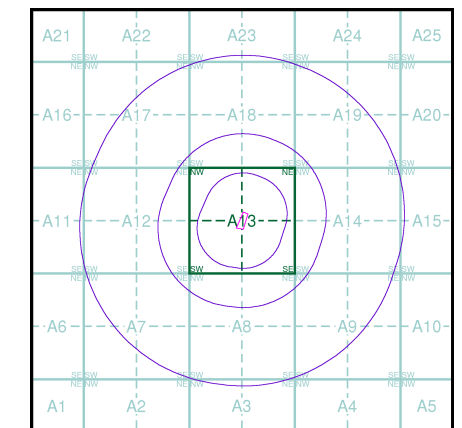
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A

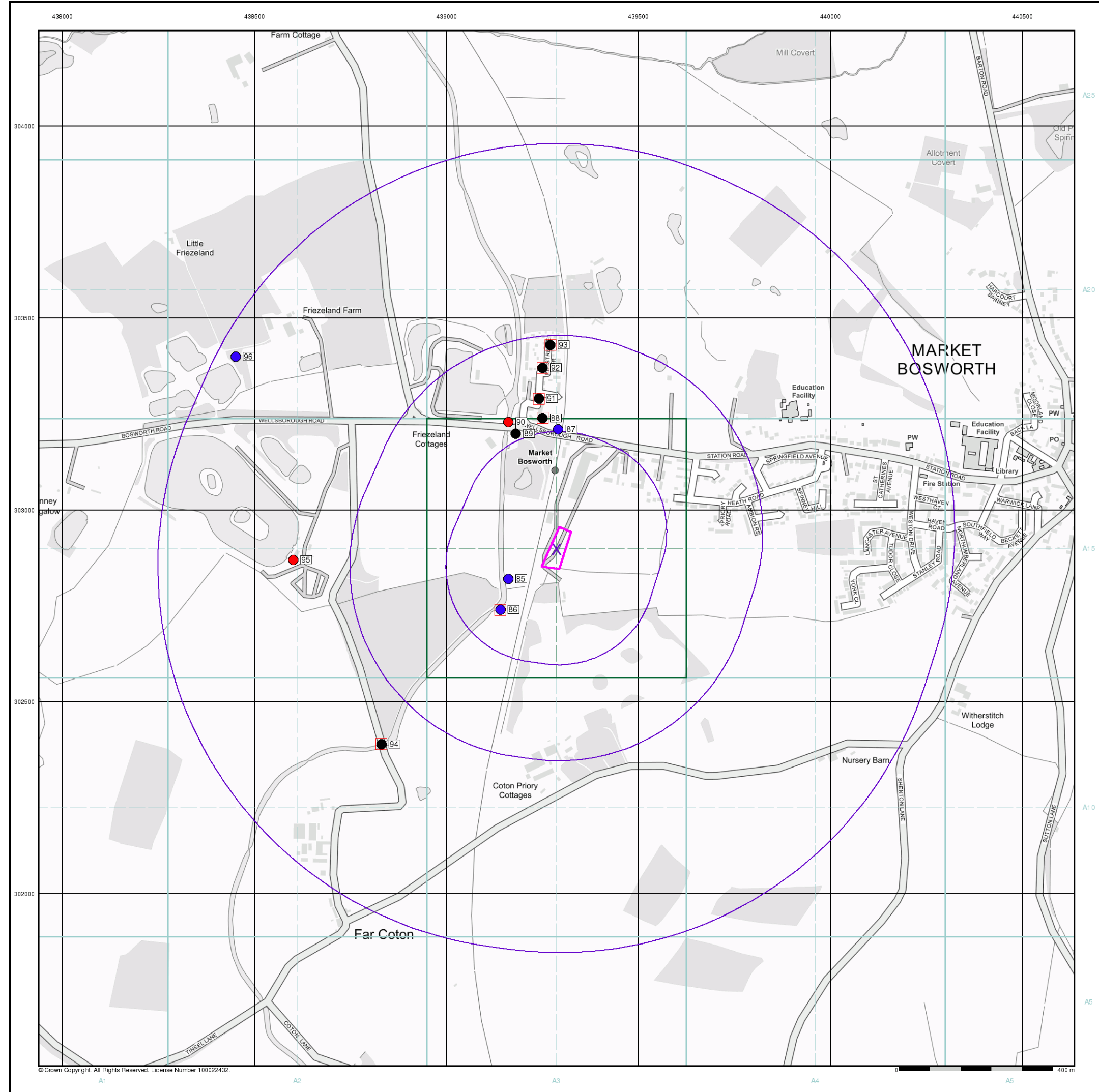


Order Details

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 1000

Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

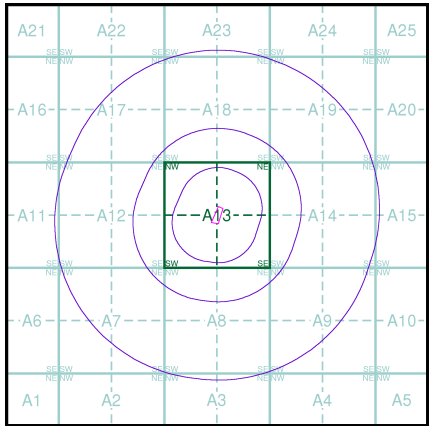
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- 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

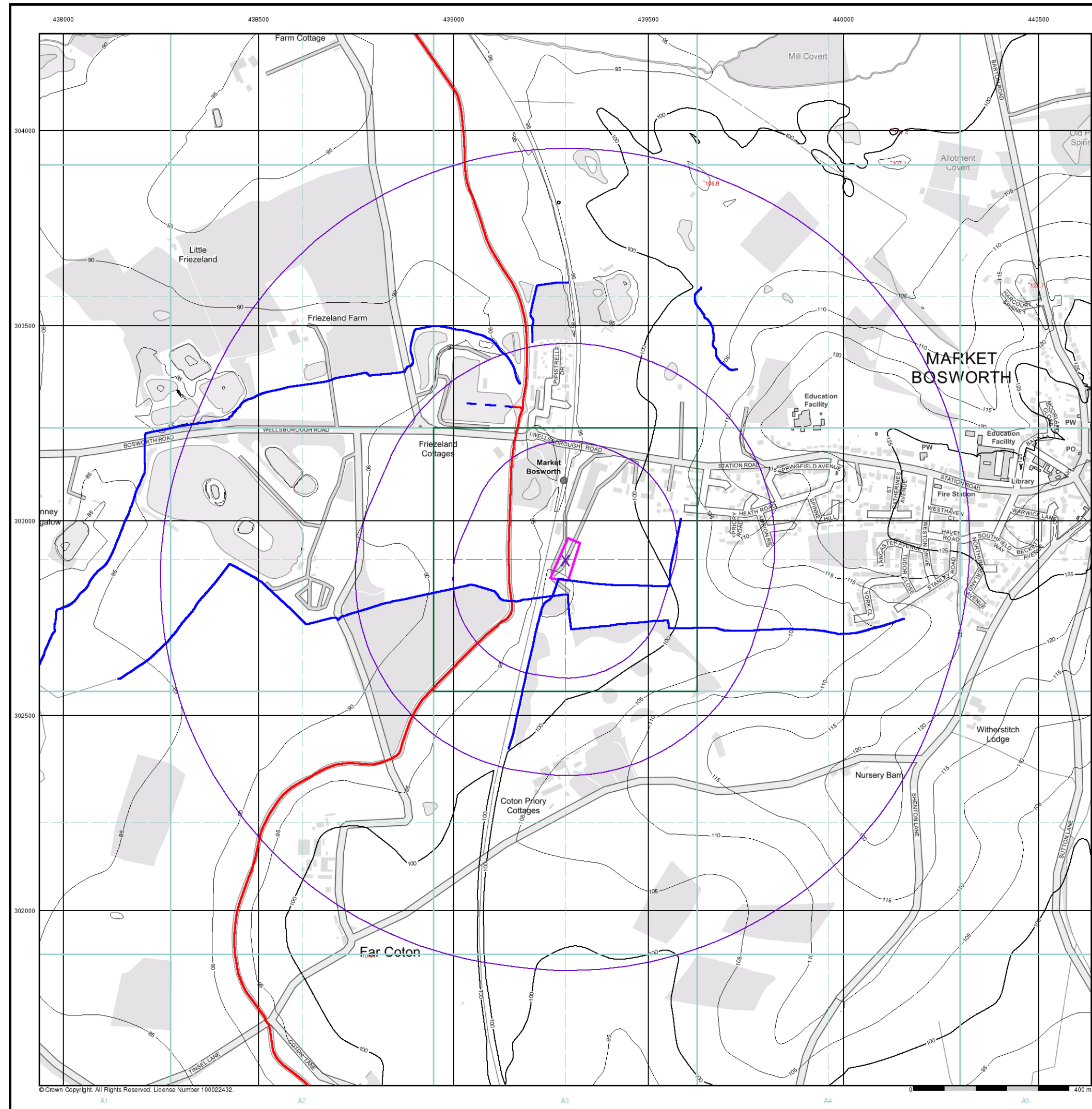


Order Details

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 1000

Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF



General

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

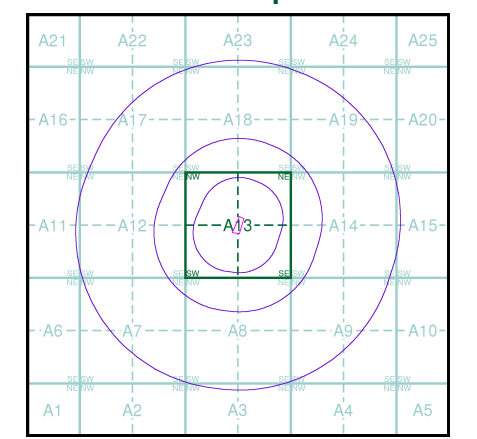
OS Water Network Data

- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

Contours (height in meters)

- Standard Contour: 105, 100, 95
- Master Contour: 105, 100, 95
- Spot Height: 167.3
- MLW: Mean Low Water
- MHW: Mean High Water

OS Water Network Map - Slice A

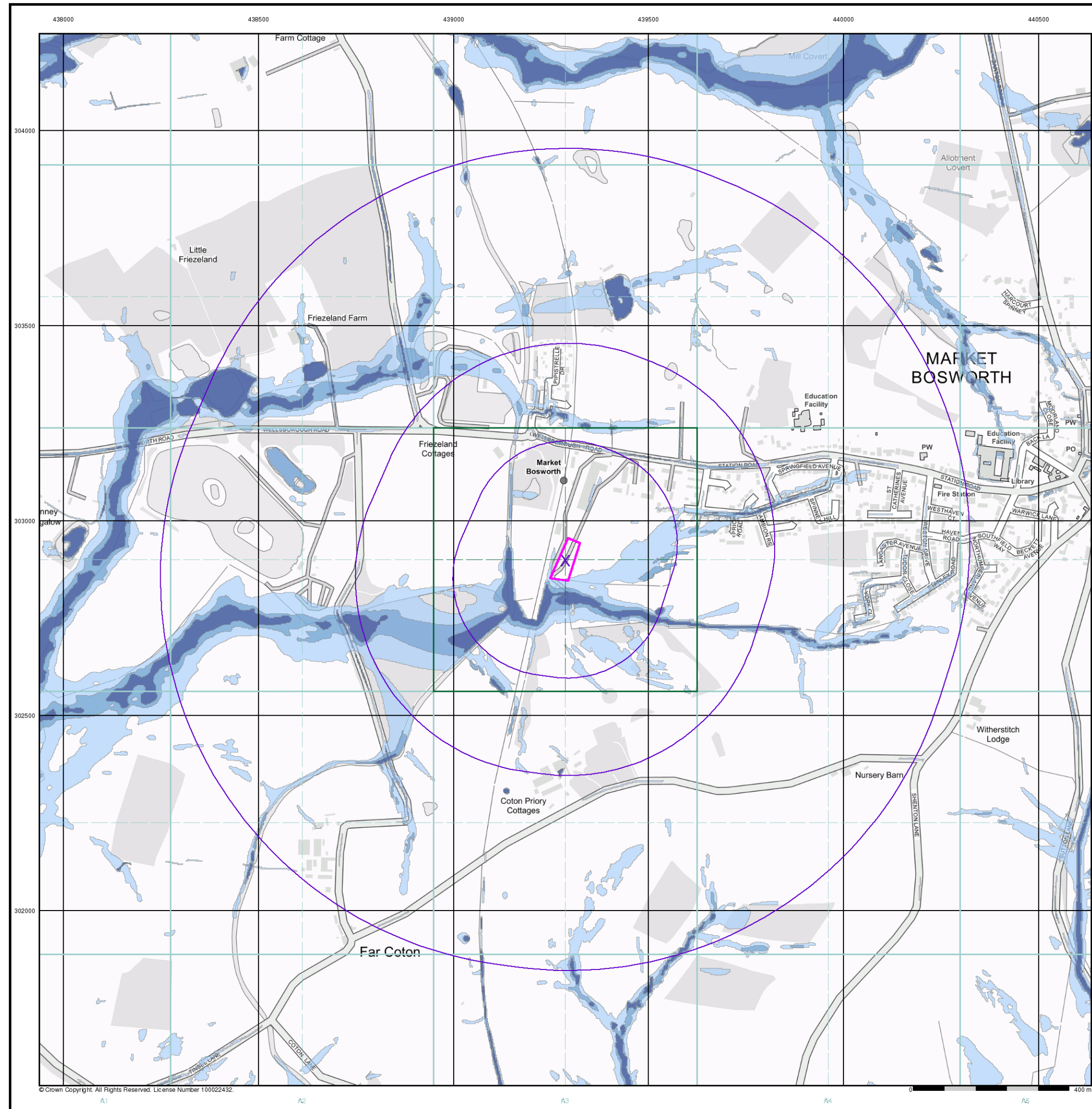


Order Details

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 1000

Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF



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General

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

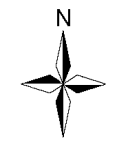
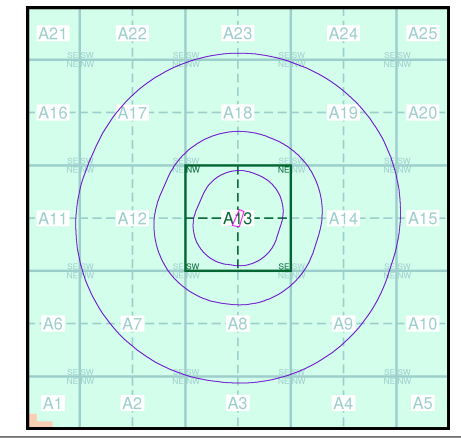
Risk of Flooding from Surface Water

- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

- See the suitability map below
- National to county
 - County to town
 - Town to street
 - Street to parcels of land
 - Property

E/NRW Suitability Map - Slice A

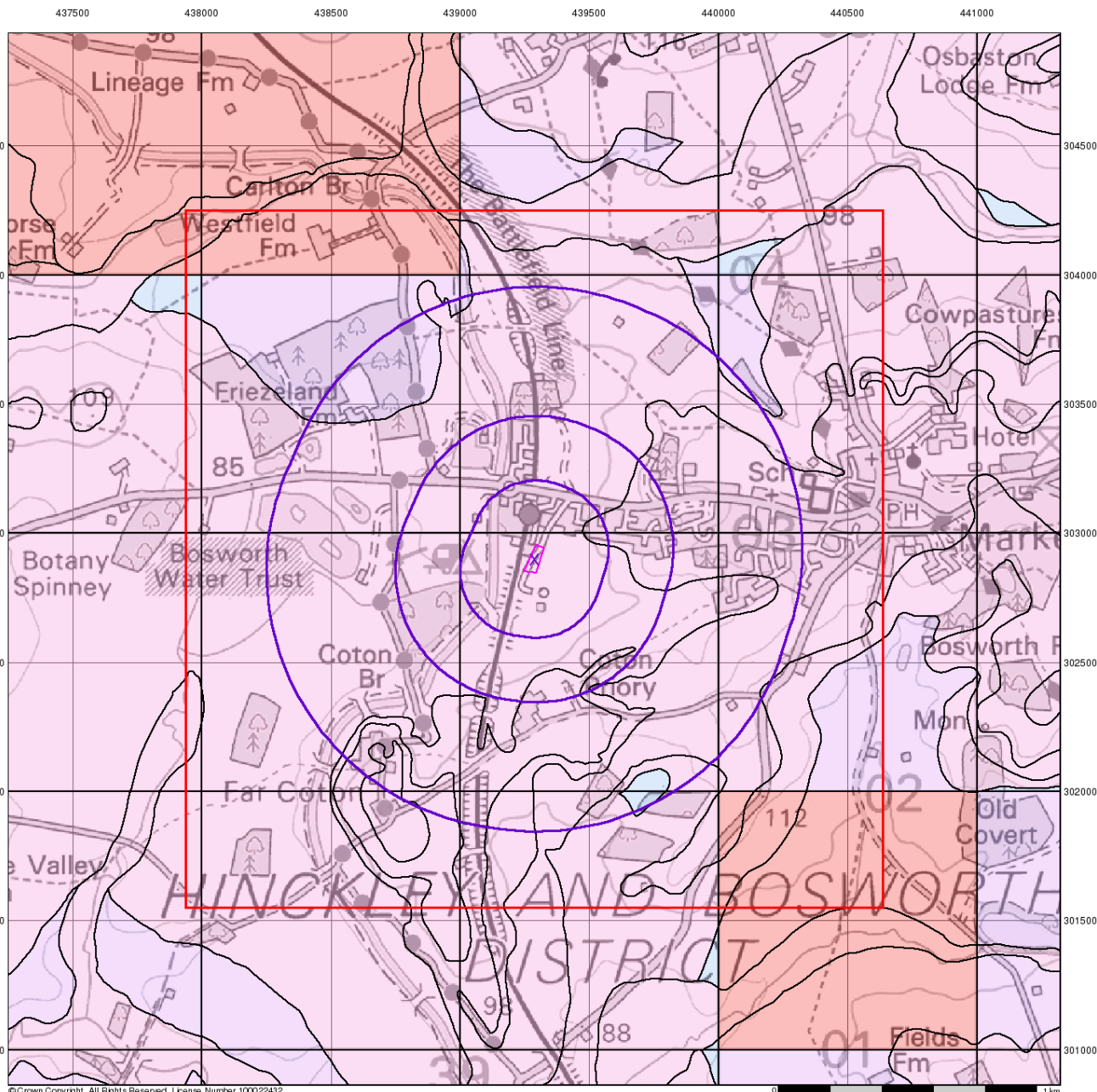


Order Details

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 1000

Site Details

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Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

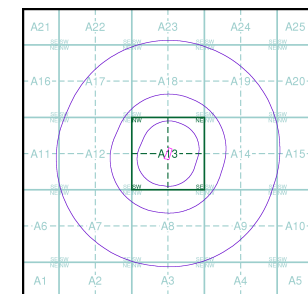
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

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

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A

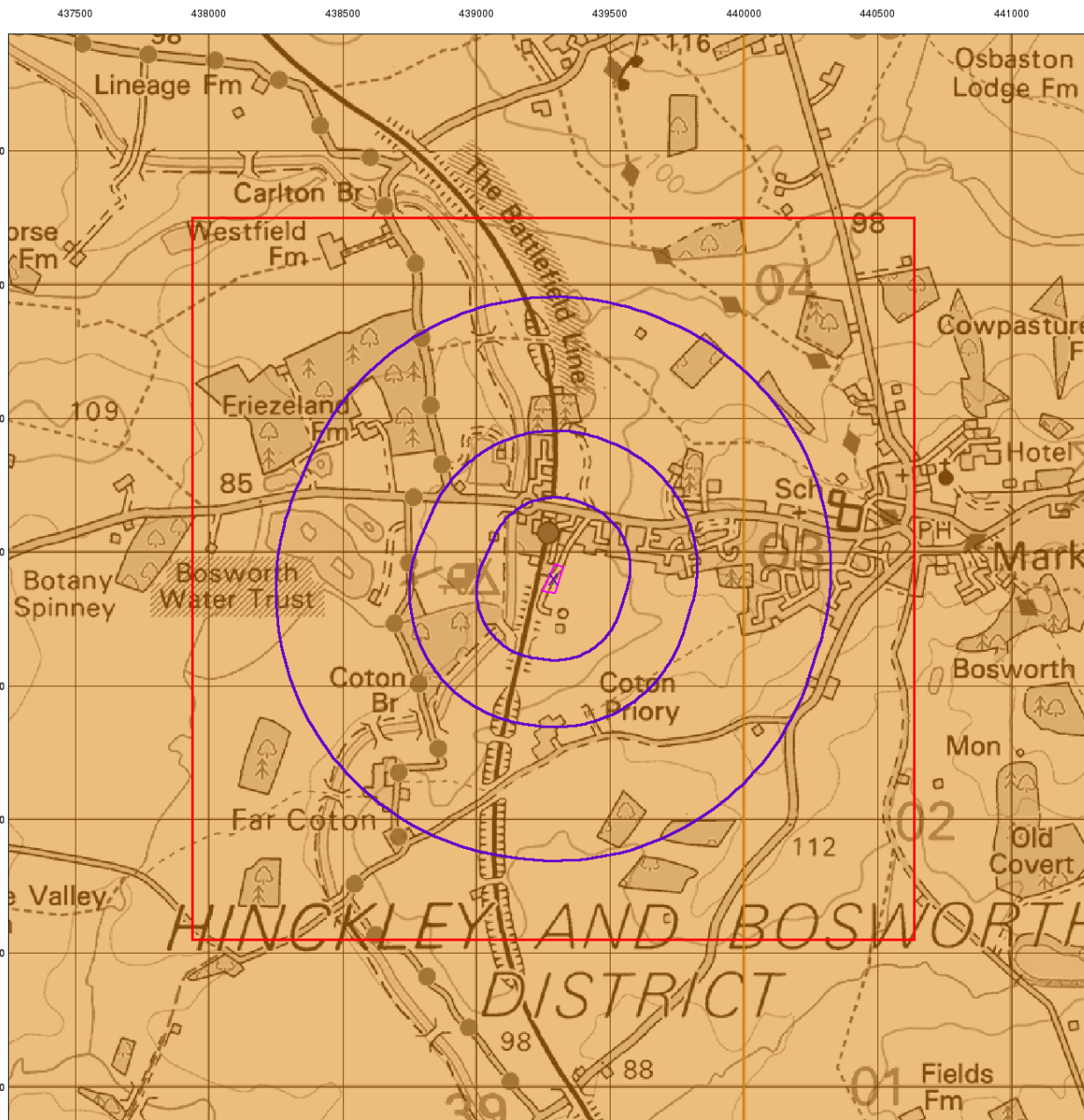


Order Details

Order Number: 309046969_1_1
 Customer Ref: E13705/1
 National Grid Reference: 439290, 302900
 Slice: A
 Site Area (Ha): 0.42
 Search Buffer (m): 1000

Site Details

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0 1 km

Bedrock Aquifer Designation

General

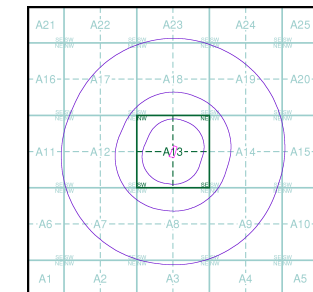
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

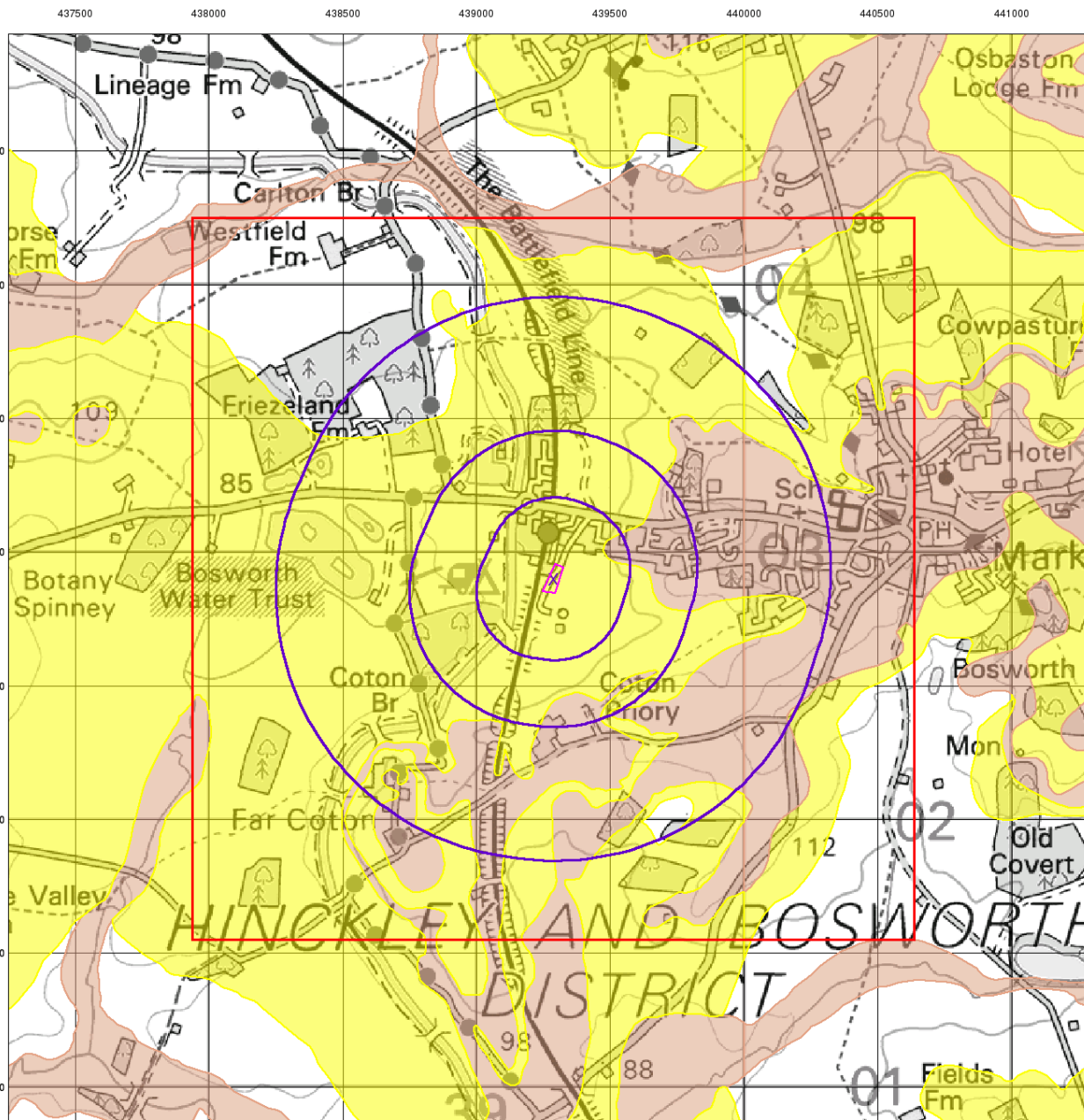


Order Details

Order Number: 309046969_1_1
 Customer Ref: E13705/1
 National Grid Reference: 439290, 302900
 Slice: A
 Site Area (Ha): 0.42
 Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

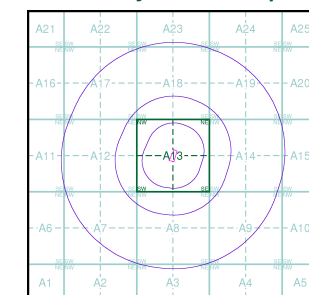
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

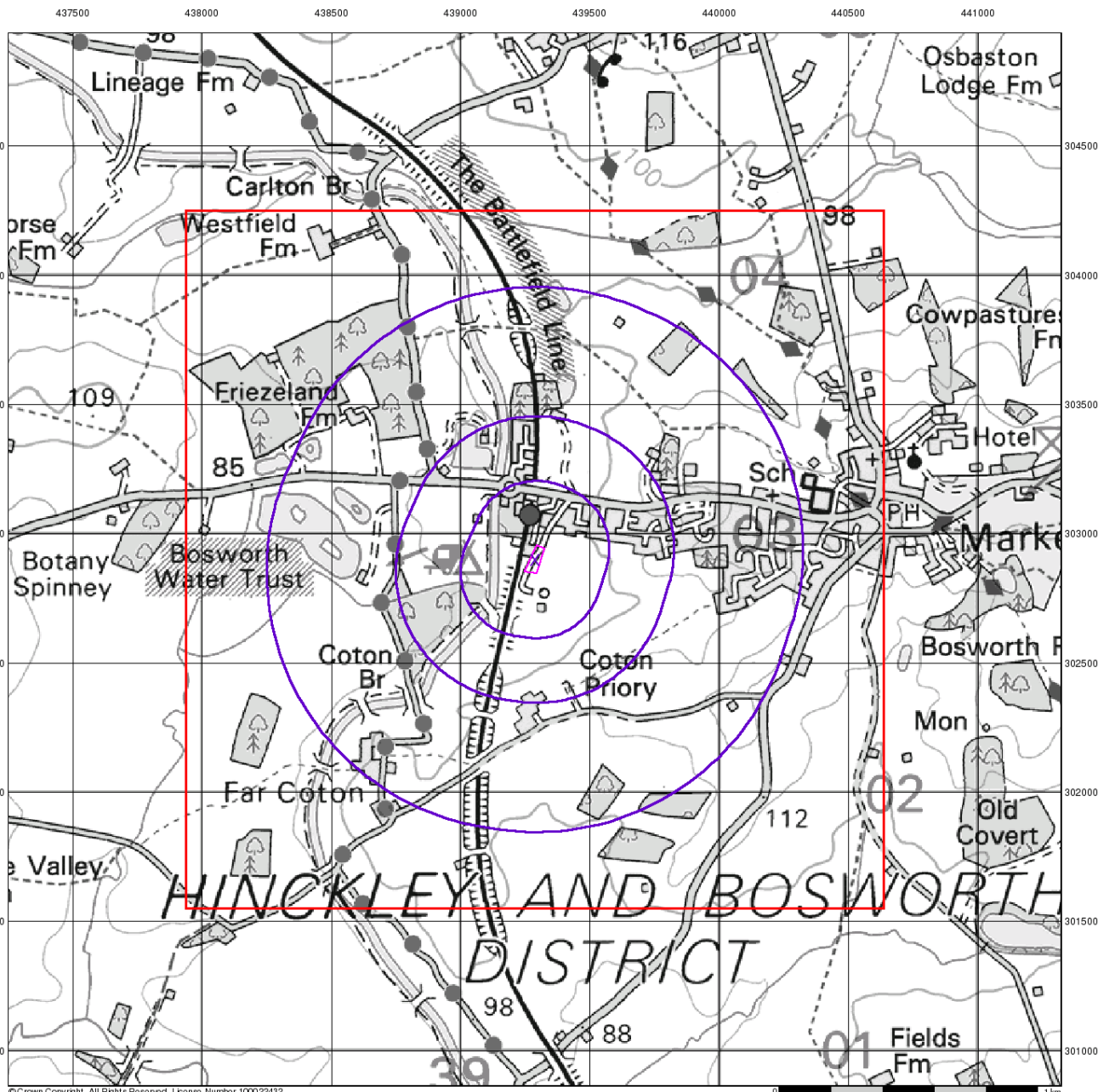


Order Details

Order Number: 309046969_1_1
 Customer Ref: E13705/1
 National Grid Reference: 439290, 302900
 Slice: A
 Site Area (Ha): 0.42
 Search Buffer (m): 1000

Site Details

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0 1 km

Source Protection Zones

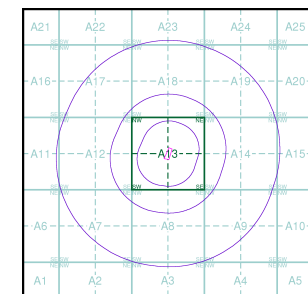
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A

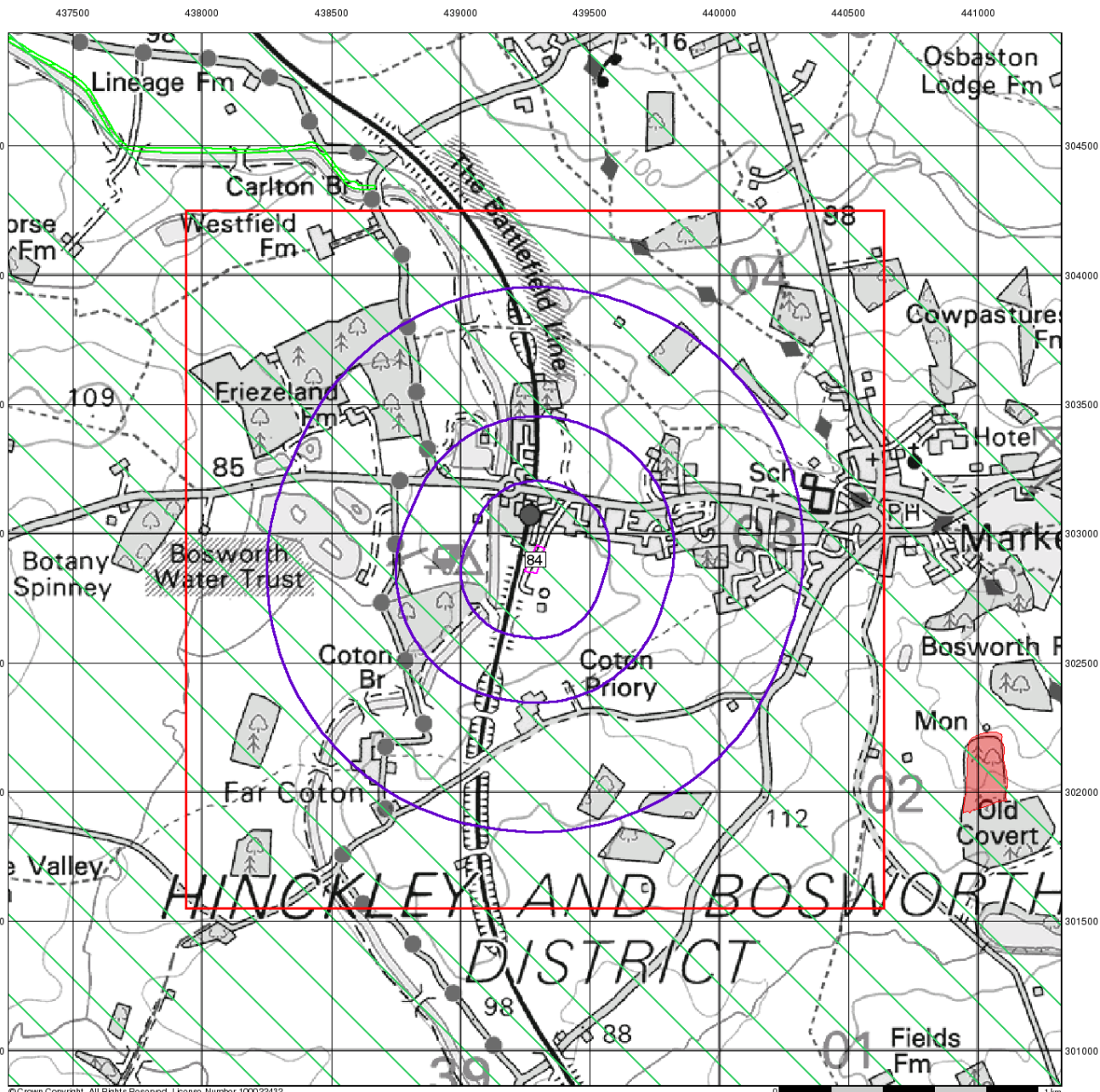


Order Details

Order Number: 309046969_1_1
 Customer Ref: E13705/1
 National Grid Reference: 439290, 302900
 Slice: A
 Site Area (Ha): 0.42
 Search Buffer (m): 1000

Site Details

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Sensitive Land Uses

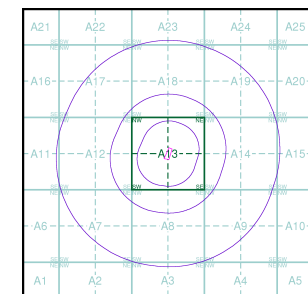
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A

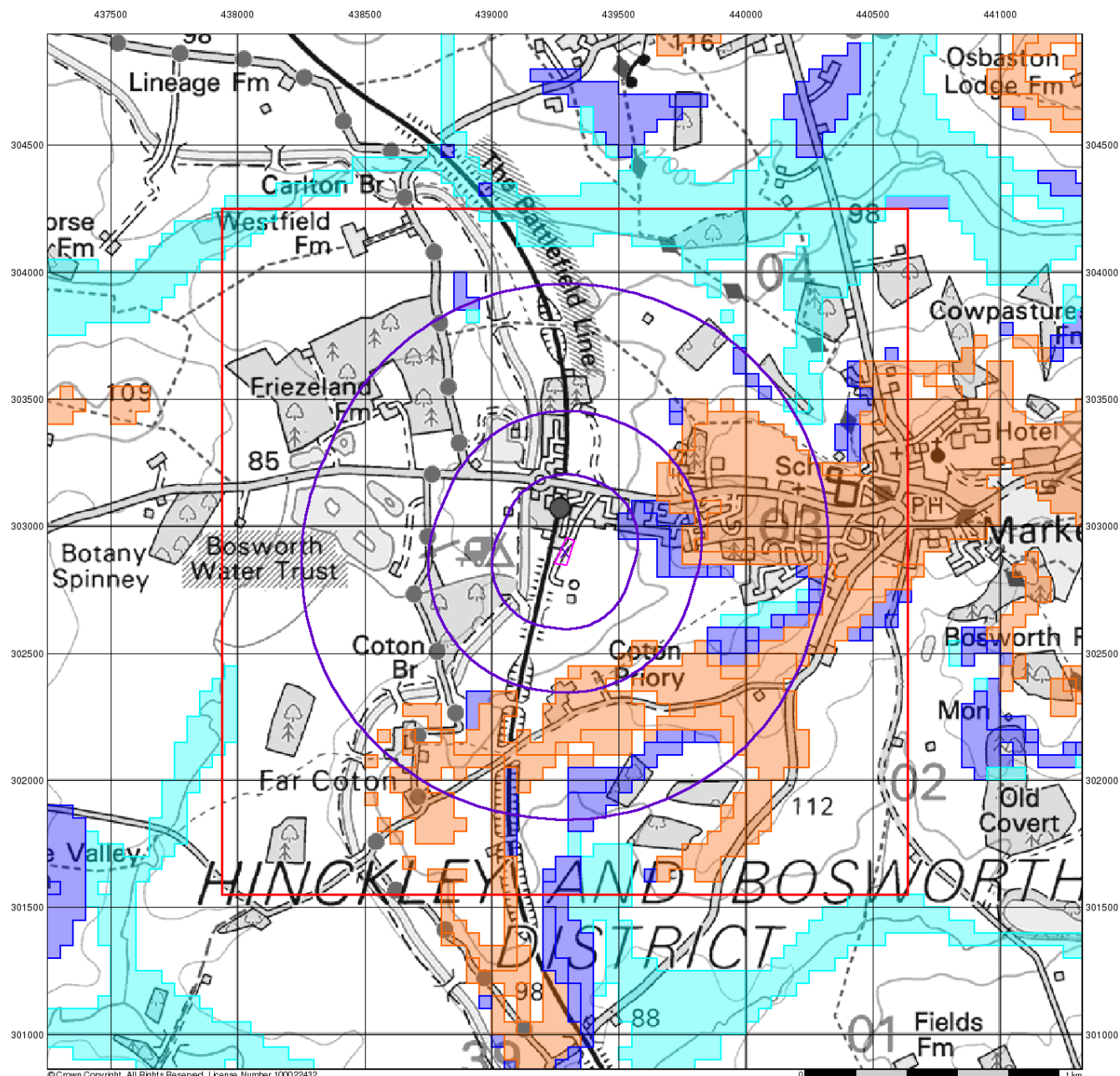


Order Details

Order Number: 309046969_1_1
 Customer Ref: E13705/1
 National Grid Reference: 439290, 302900
 Slice: A
 Site Area (Ha): 0.42
 Search Buffer (m): 1000

Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF



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DTS RAEURN

GEOTECHNICAL & ENVIRONMENTAL ENGINEERING

BGS Flood GFS Data

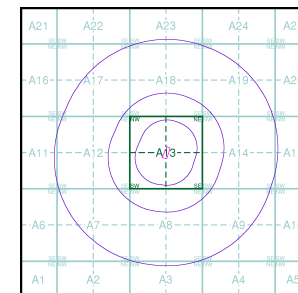
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 309046969_1_1
 Customer Ref: E13705/1
 National Grid Reference: 439290, 302900
 Slice: A
 Site Area (Ha): 0.42
 Search Buffer (m): 1000

Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF

Landmark
 INFORMATION GROUP

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

Enclosure E

Historical Mapping
(17 pages)

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

	Quarry		Gravel Pit		Sand Pit
	Clay Pit		Shingle		Refuse Heap
	Sloping Masonry		Flat Rock		
	Marsh		Reeds		Osiers
	Rough Pasture		Furze		Wood
	Mixed Wood		Brushwood		Orchard
	Fir		Ford		Stepping Stones
	Ferry		Waterfall		Lock
	Trig. Station	507	Altitude at Trig. Station		
B.M. 325.9	Bench Mark	342 +	Surface Level		
	Arrow denotes flow of water		Antiquities (site of)		
	Cutting		Embankment		
	Railway crossing Road		Level Crossing		Road crossing Railway
	Railway crossing River or Canal		Road over single stream		Road over River or Canal
-----	County Boundary (Geographical)				
- . - . - .	County & Civil Parish Boundary				
+ . + . + .	Administrative County & Civil Parish Boundary				
Co. Boro. Bdy.	County Borough Boundary (England)				
Co. Burgh Bdy.	County Burgh Boundary (Scotland)				
B.P. B.S.	Boundary Post or Stone	P.C.B.	Police Call Box		
B.R.	Bridle Road	P	Pump		
E.P.	Electricity Pylon	S.P.	Signal Post		
F.B.	Foot Bridge	Sl.	Sluice		
F.P.	Foot Path	Sp.	Spring		
G.P.	Guide Post or Board	T.C.B.	Telephone Call Box		
M.S.	Mile Stone	Tr.	Trough		
M.P. M.R.	Mooring Post or Ring	W	Well		

	Inactive Quarry, Chalk Pit or Clay Pit		Active Quarry, Chalk Pit or Clay Pit
	Rock		Boulders
	Cliff		Slopes
	Roofed Building		Glazed Roof Building
	Sloping Masonry		Archway
	Non-Coniferous Tree (surveyed)		Coniferous Tree (surveyed)
	Non-Coniferous Trees (not surveyed)		Coniferous Trees (not surveyed)
	Orchard Tree		Scrub
	Coppice, Osier		Reeds
	Rough Grassland		Heath
	Direction of water flow		Bench Mark
	Cave Entrance		Triangulation Station
	Electricity Transmission Line		Antiquity (site of)
	County Boundary (Geographical)		Electricity Pylon
	County & Civil Parish Boundary		Symbol marking point where boundary mereing changes
	Civil Parish Boundary		
	Admin. County or County Bor. Boundary		
	London Borough Boundary		
BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

	Cliff		Slopes		Top
	Rock		Rock (scattered)		Boulders (scattered)
	Boulders		Scree		Non-Coniferous Tree (surveyed)
	Positioned Boulder		Coniferous Tree (surveyed)		Non-Coniferous Trees (not surveyed)
	Non-Coniferous Tree (surveyed)		Coniferous Trees (not surveyed)		Orchard Tree
	Non-Coniferous Trees (not surveyed)		Scrub		Bracken
	Orchard Tree		Coppice, Osier		Reeds
	Coppice, Osier		Marsh, Saltings		Rough Grassland
	Reeds		Heath		Culvert
	Marsh, Saltings		Direction of water flow		Triangulation Station
	Rough Grassland		Antiquity (site of)		Electricity Transmission Line
	Culvert		Electricity Pylon		Bench Mark
	Direction of water flow		Buildings with Building Seed		Roofed Building
	Triangulation Station		Glazed Roof Building		Civil parish/community boundary
	Antiquity (site of)		District boundary		County boundary
	Electricity Transmission Line		Boundary post/stone		Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
	Bench Mark				
	Roofed Building				
	Glazed Roof Building				
	Civil parish/community boundary				
	District boundary				
	County boundary				
	Boundary post/stone				
	Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)				
Bks	Barracks	P	Pillar, Pole or Post		
Bty	Battery	PO	Post Office		
Cemy	Cemetery	PC	Public Convenience		
Chy	Chimney	Pp	Pump		
Cis	Cistern	Ppg Sta	Pumping Station		
Dismtd Rly	Dismantled Railway	PW	Place of Worship		
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station		
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge		
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light		
FB	Filter Bed	Spr	Spring		
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track		
Gas Gov	Gas Valve Compound	Tr	Trough		
GVC	Gas Governor	Wd Pp	Wind Pump		
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap		
MH	Manhole	Wks	Works (building or area)		
MP, MS	Mile Post or Mile Stone	W	Well		

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 100

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON,
CV13 0PF

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

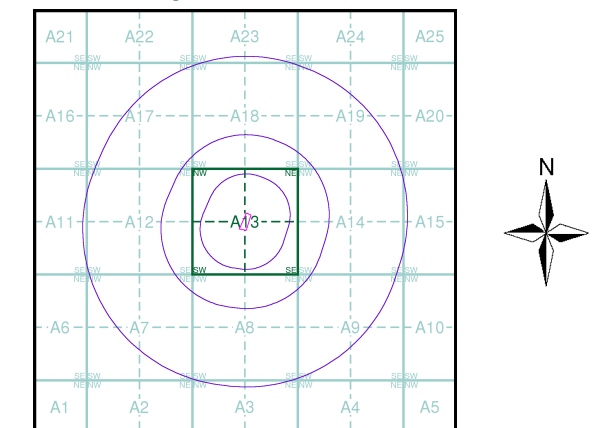
1:10,000 Raster Mapping

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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Leicestershire	1:10,560	1885	2
Leicestershire	1:10,560	1903 - 1904	3
Leicestershire	1:10,560	1930	4
Ordnance Survey Plan	1:10,000	1955	5
Ordnance Survey Plan	1:10,000	1966	6
Ordnance Survey Plan	1:10,000	1983	7
Ordnance Survey Plan	1:10,000	1991	8
10K Raster Mapping	1:10,000	2000	9
10K Raster Mapping	1:10,000	2006	10
VectorMap Local	1:10,000	2022	11

Historical Map - Slice A

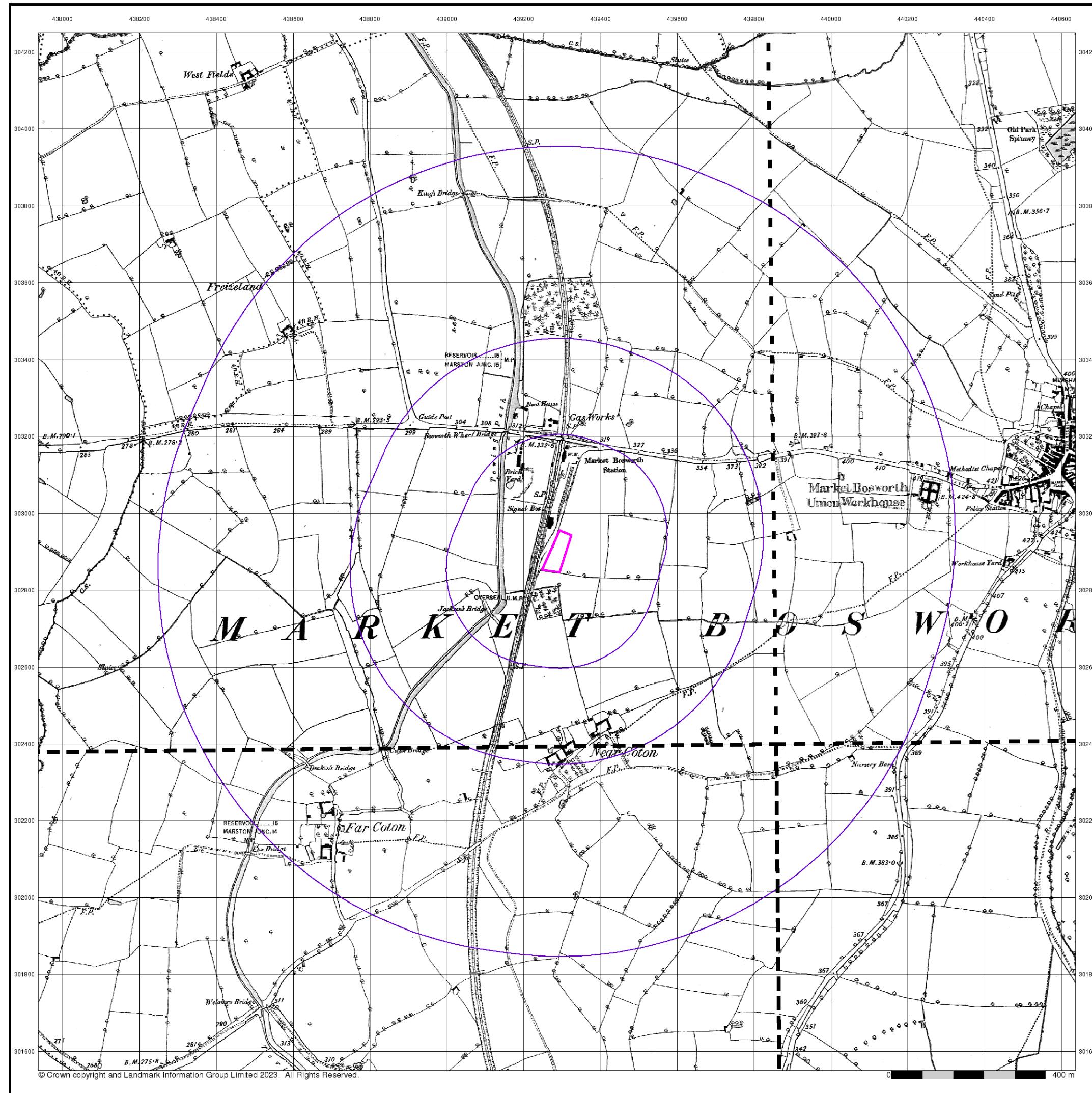


Order Details

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 1000

Site Details

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Leicestershire

Published 1885

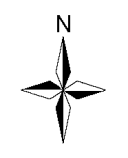
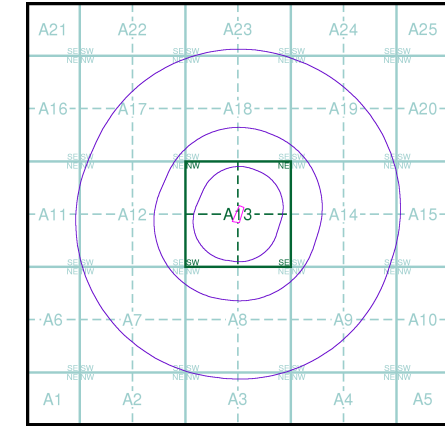
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

029SW 1885 1:10,560	029SE 1885 1:10,560
035NW 1885 1:10,560	035NE 1885 1:10,560

Historical Map - Slice A

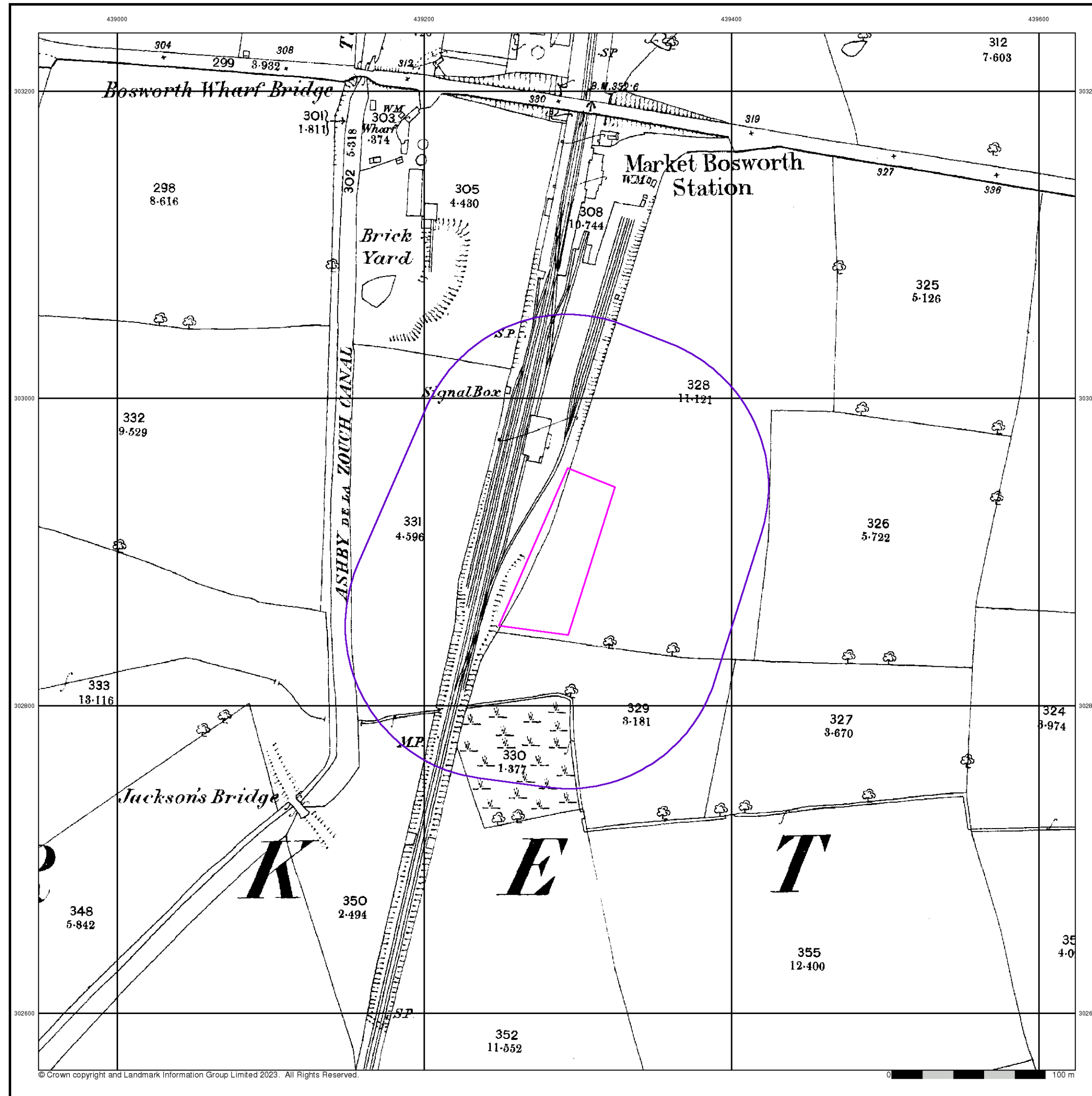


Order Details

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 1000

Site Details

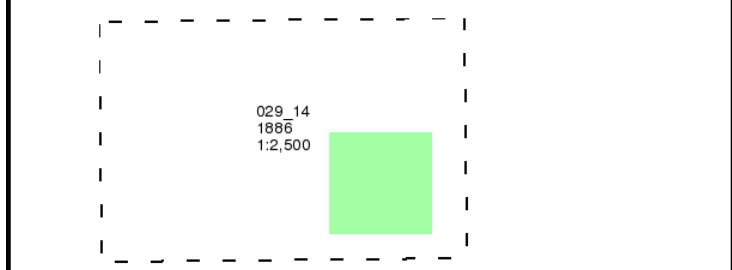
J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF



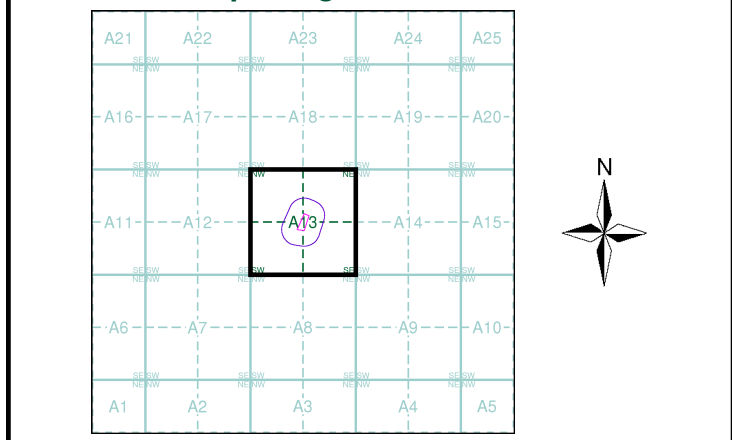
Leicestershire
Published 1886
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

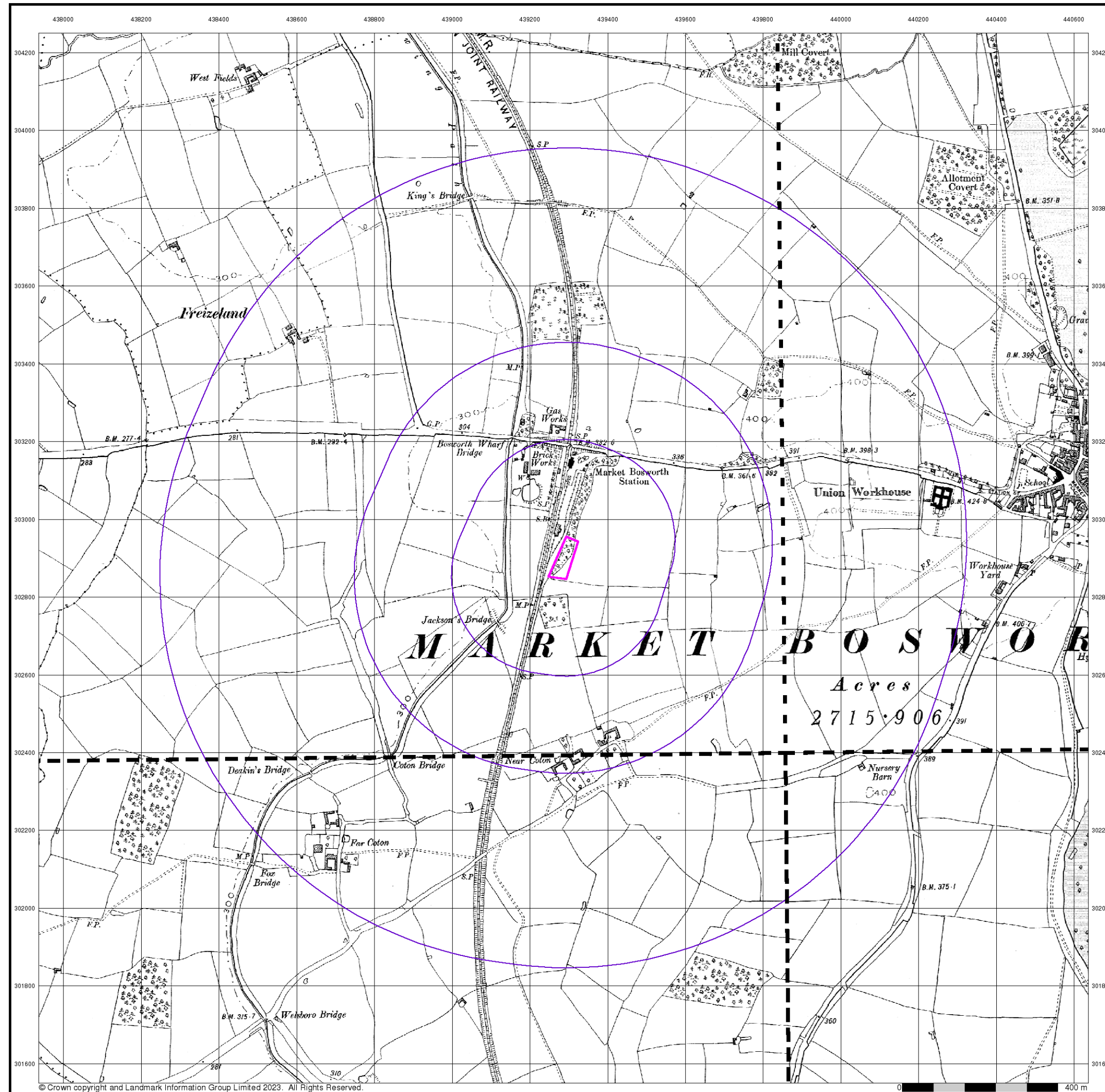


Historical Map - Segment A13



Order Details
Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 100

Site Details
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Leicestershire

Published 1903 - 1904

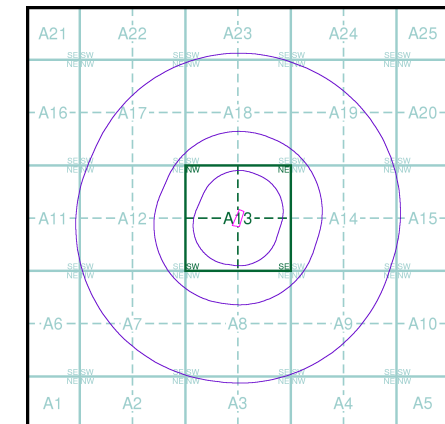
Source map scale - 1:10,560

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)

029SW 1904 1:10,560	029SE 1904 1:10,560
035NW 1903 1:10,560	035NE 1903 1:10,560

Historical Map - Slice A

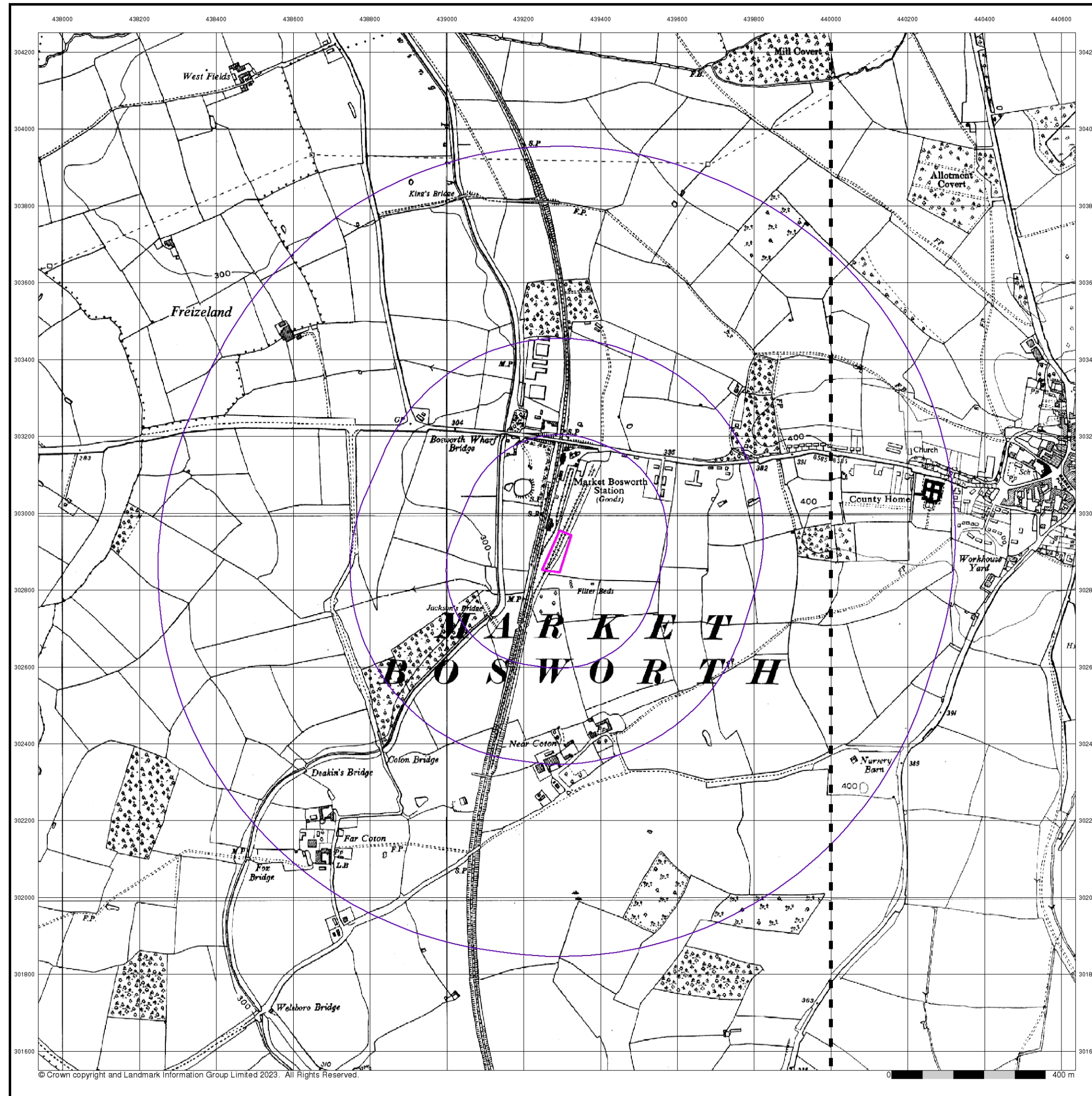


Order Details

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 1000

Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF



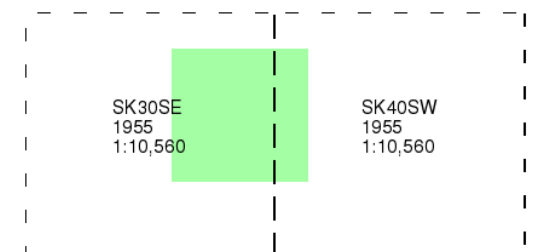
Ordnance Survey Plan

Published 1955

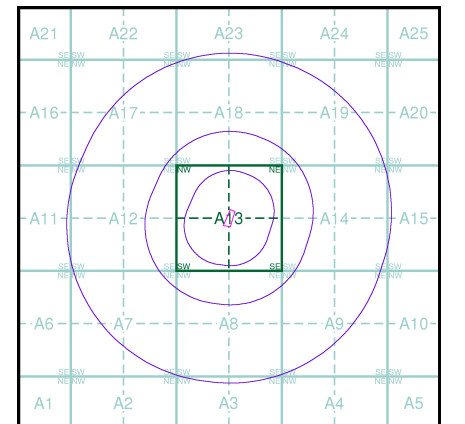
Source map scale - 1:10,000

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: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 1000

Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF

Ordnance Survey Plan

Published 1957 - 1958

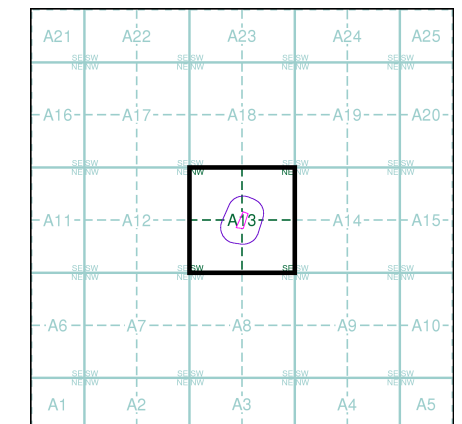
Source map scale - 1:2,500

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)

SK3803 1958 1:2,500	SK3903 1958 1:2,500
SK3802 1958 1:2,500	SK3902 1957 1:2,500

Historical Map - Segment A13

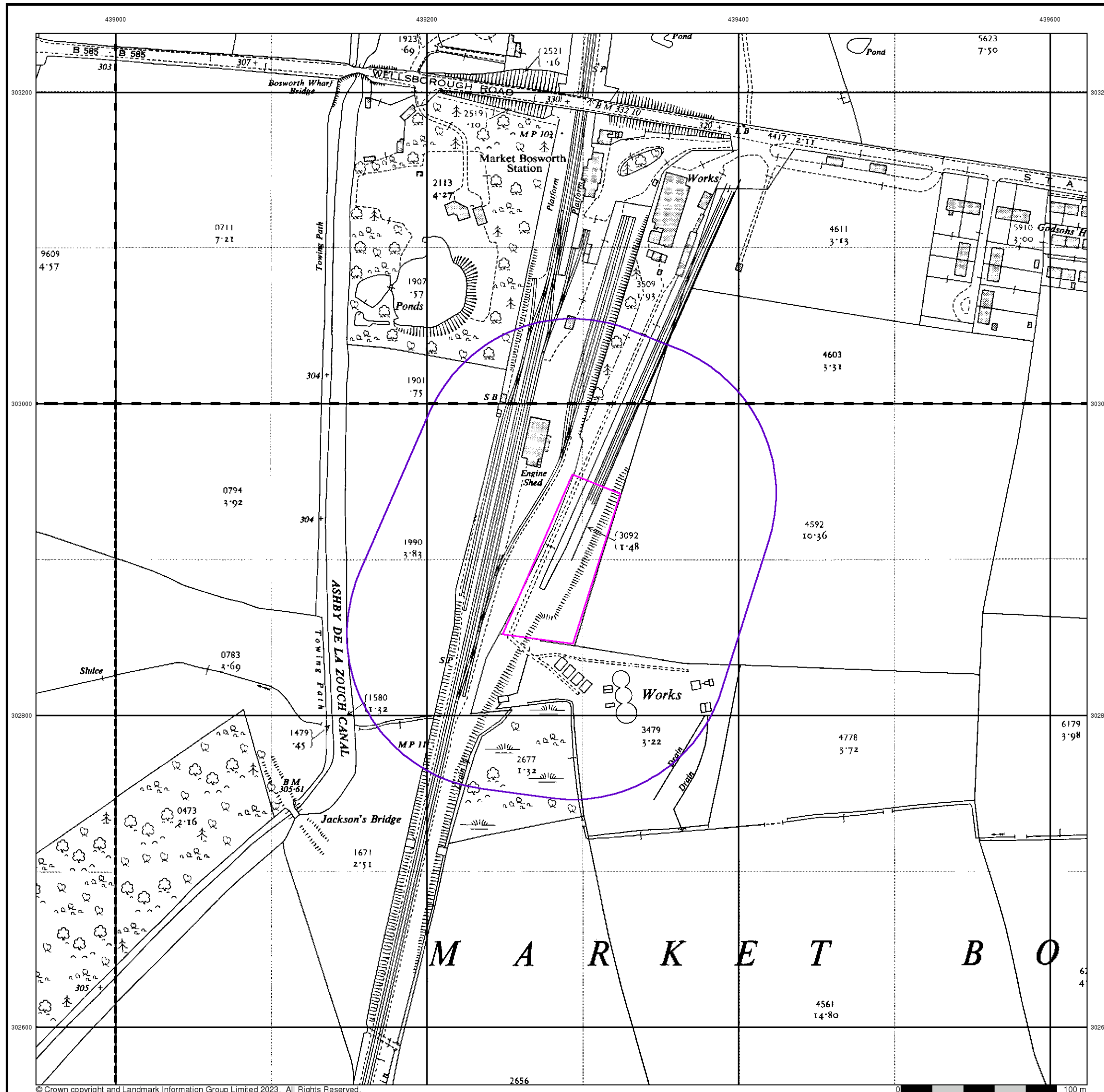


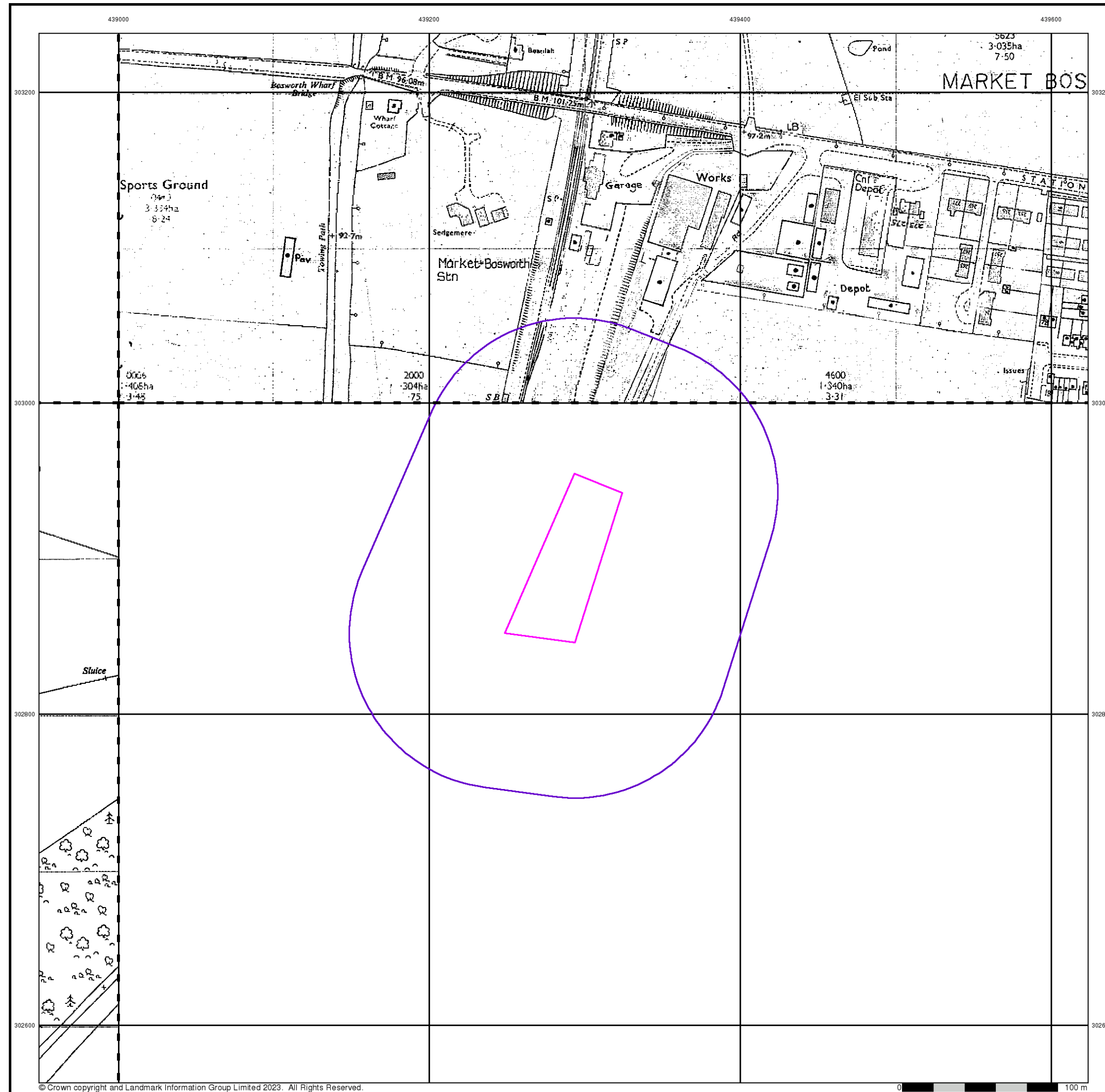
Order Details

Order Number: 309046969_1_1
 Customer Ref: E13705/1
 National Grid Reference: 439290, 302900
 Slice: A
 Site Area (Ha): 0.42
 Search Buffer (m): 100

Site Details

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0 100 m

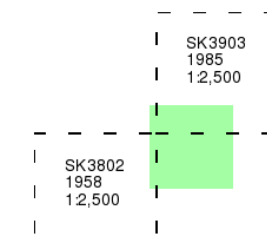
Additional SIMs

Published 1958 - 1985

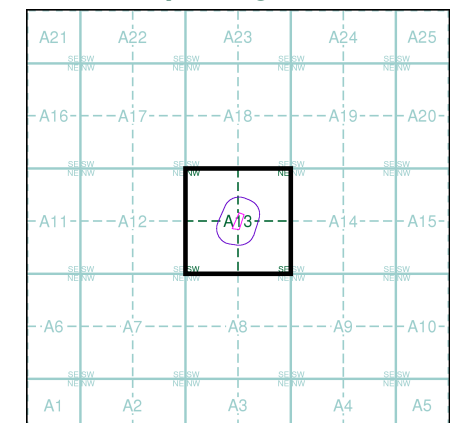
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 100

Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF



Ordnance Survey Plan

Published 1970 - 1977

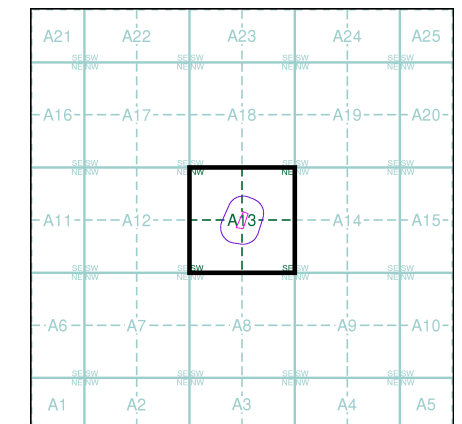
Source map scale - 1:2,500

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)

SK3803 1970 1:2,500	SK3903 1970 1:2,500
	SK3902 1977 1:2,500

Historical Map - Segment A13

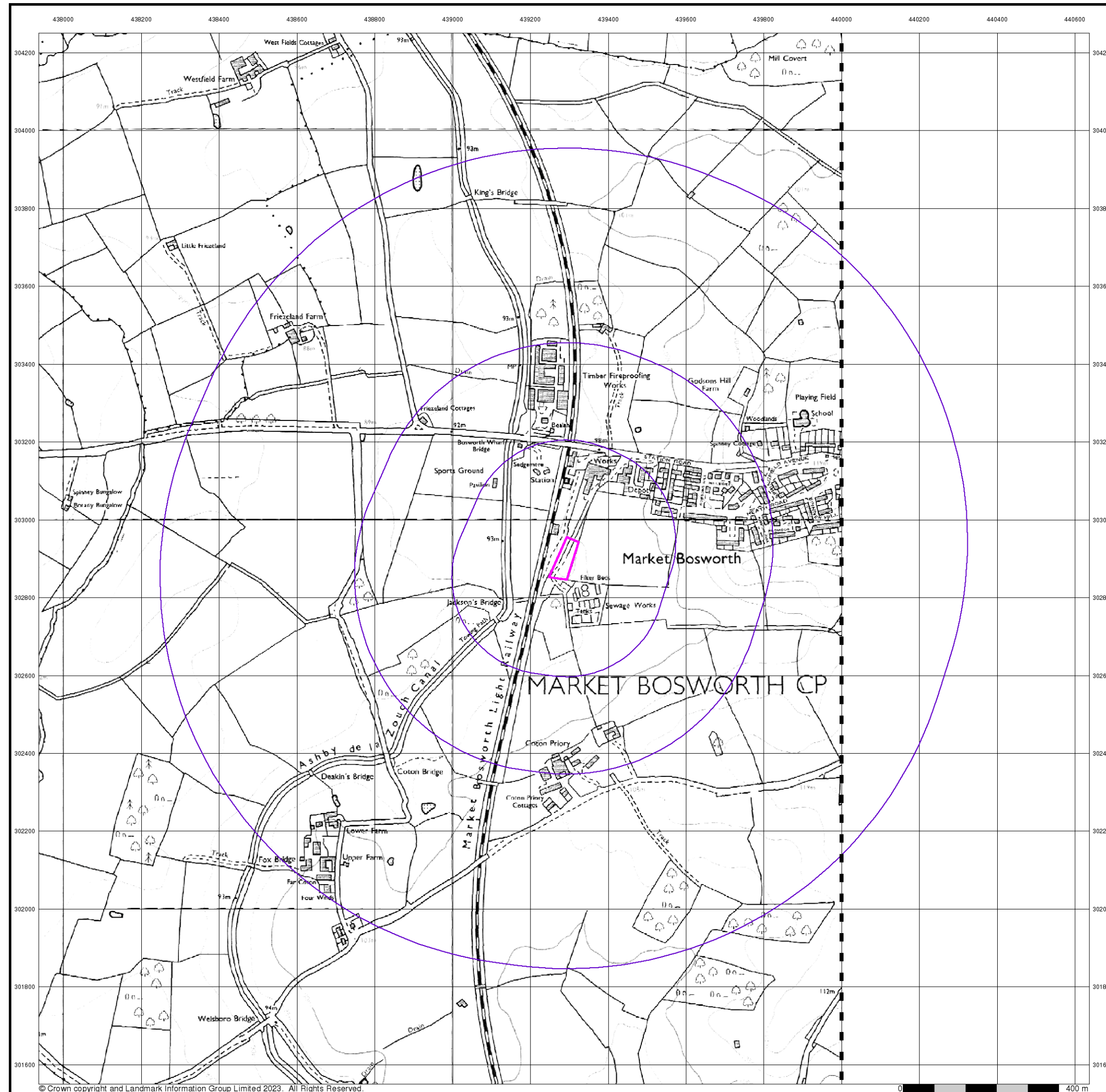


Order Details

Order Number: 309046969_1_1
 Customer Ref: E13705/1
 National Grid Reference: 439290, 302900
 Slice: A
 Site Area (Ha): 0.42
 Search Buffer (m): 100

Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF



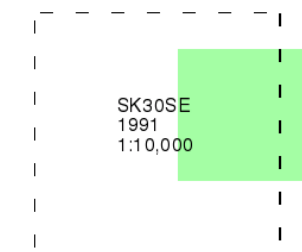
Ordnance Survey Plan

Published 1991

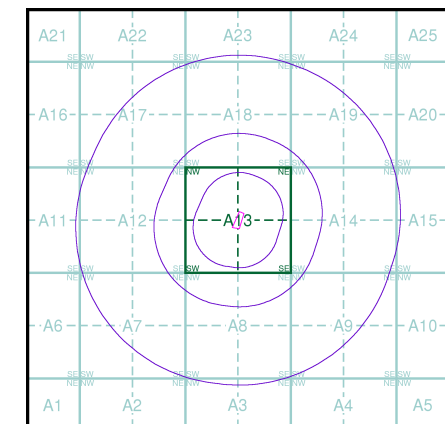
Source map scale - 1:10,000

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: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 1000

Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON,
CV13 0PF



Large-Scale National Grid Data

Published 1994

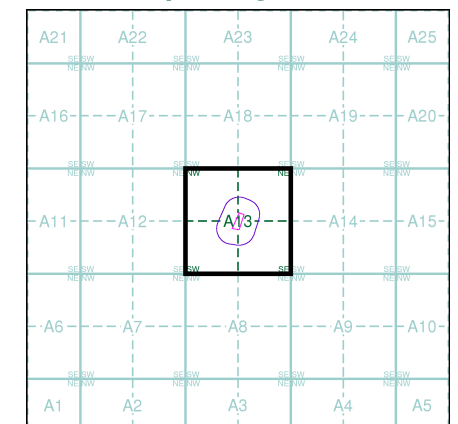
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SK3803 1994 12,500	SK3903 1994 12,500
SK3802 1994 12,500	SK3902 1994 12,500

Historical Map - Segment A13



Order Details

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 100

Site Details

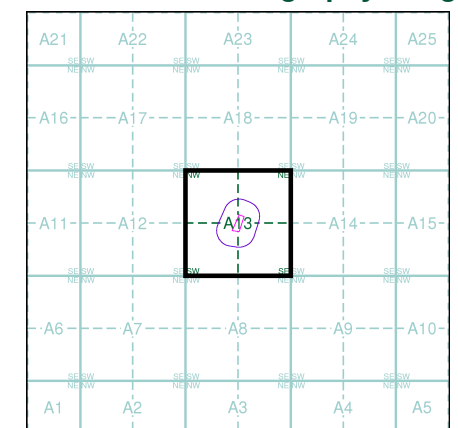
J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF

Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A13



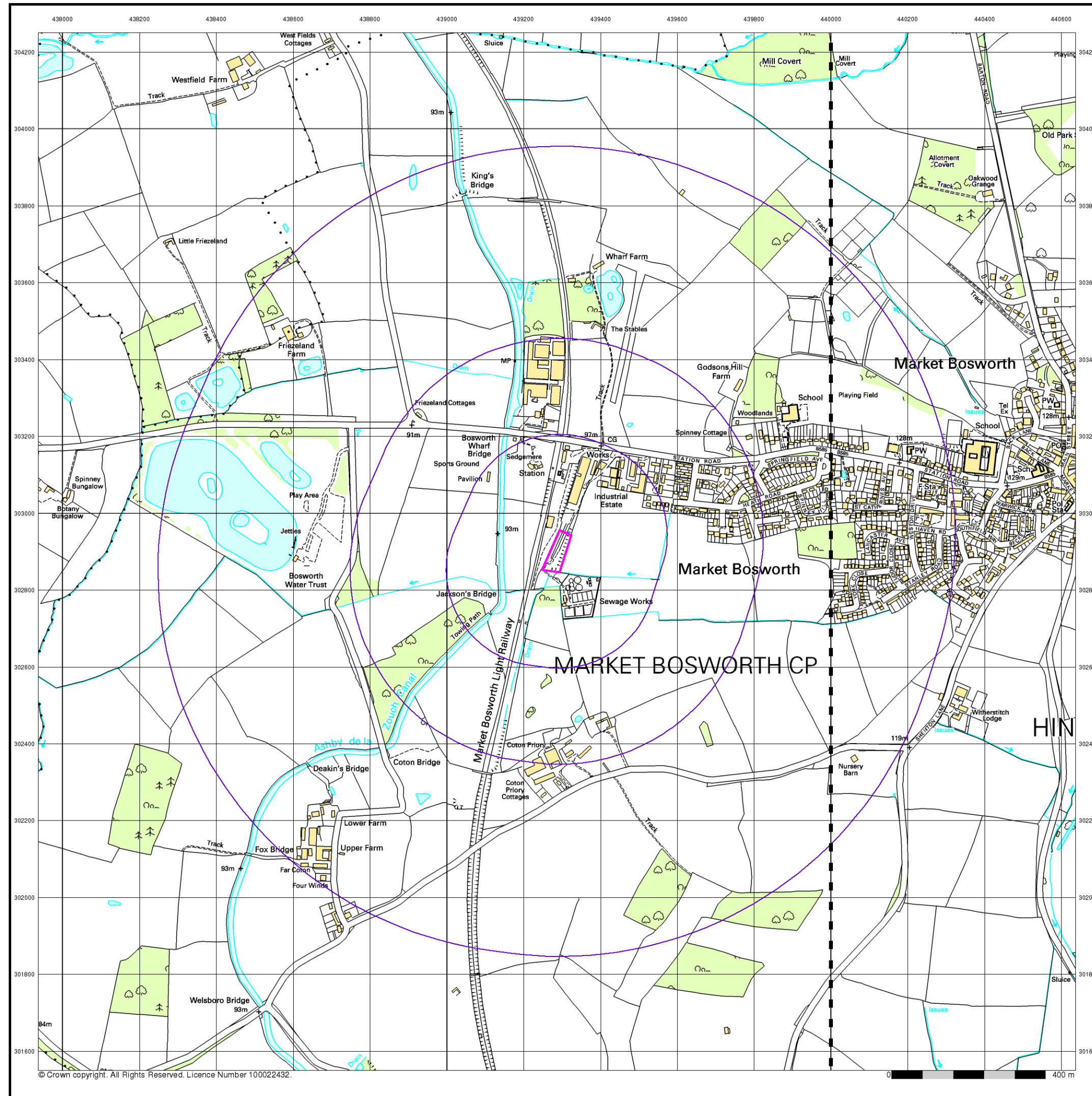
Order Details

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 100

Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF





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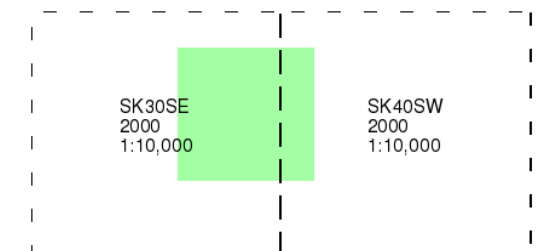
10k Raster Mapping

Published 2000

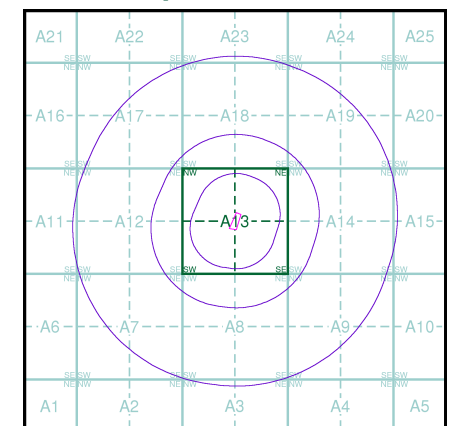
Source map scale - 1:10,000

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

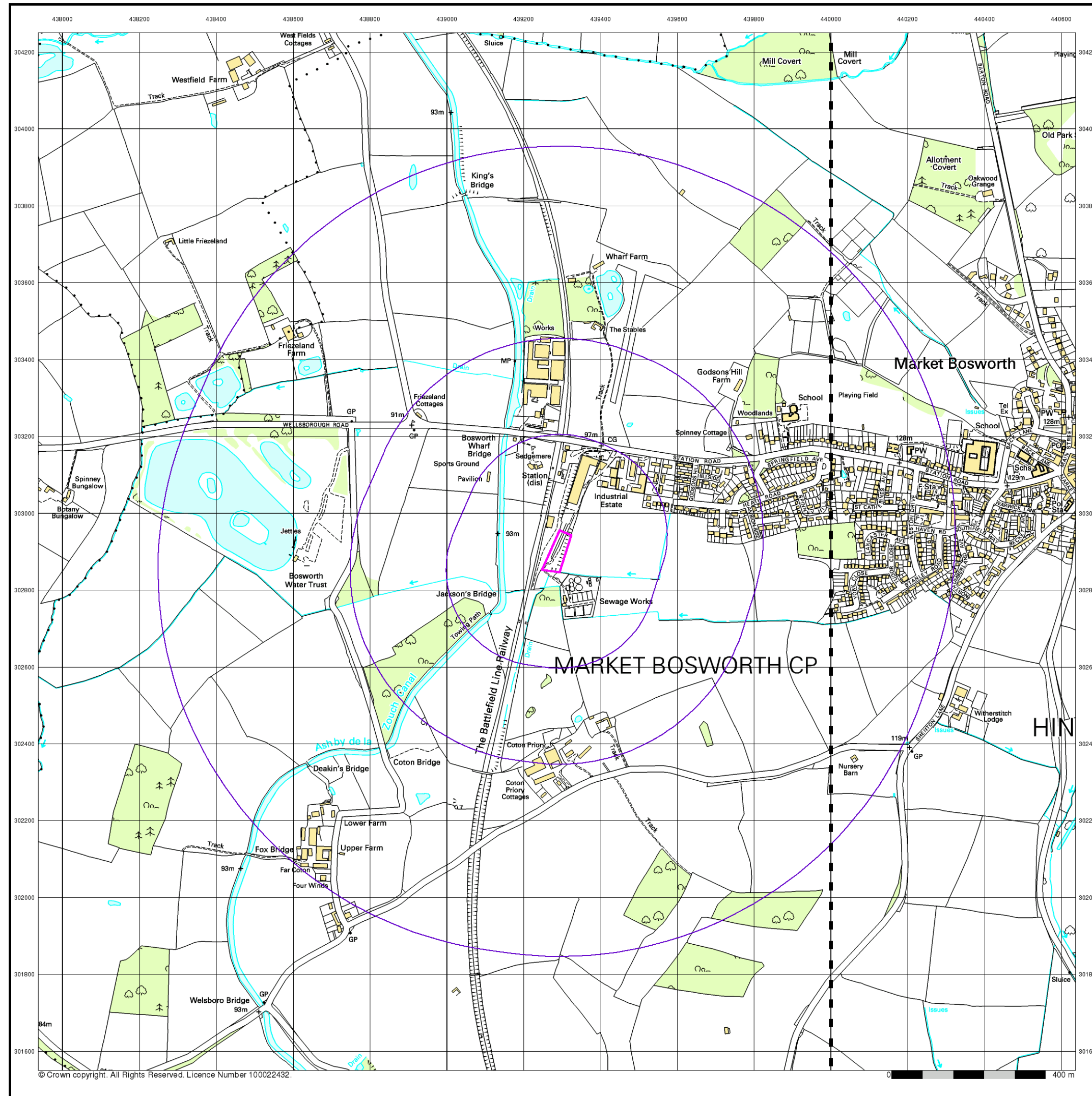


Order Details

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 1000

Site Details

J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF



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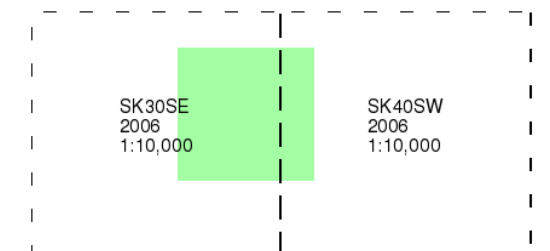
10k Raster Mapping

Published 2006

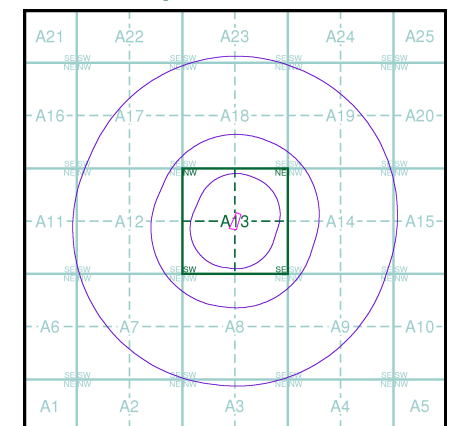
Source map scale - 1:10,000

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

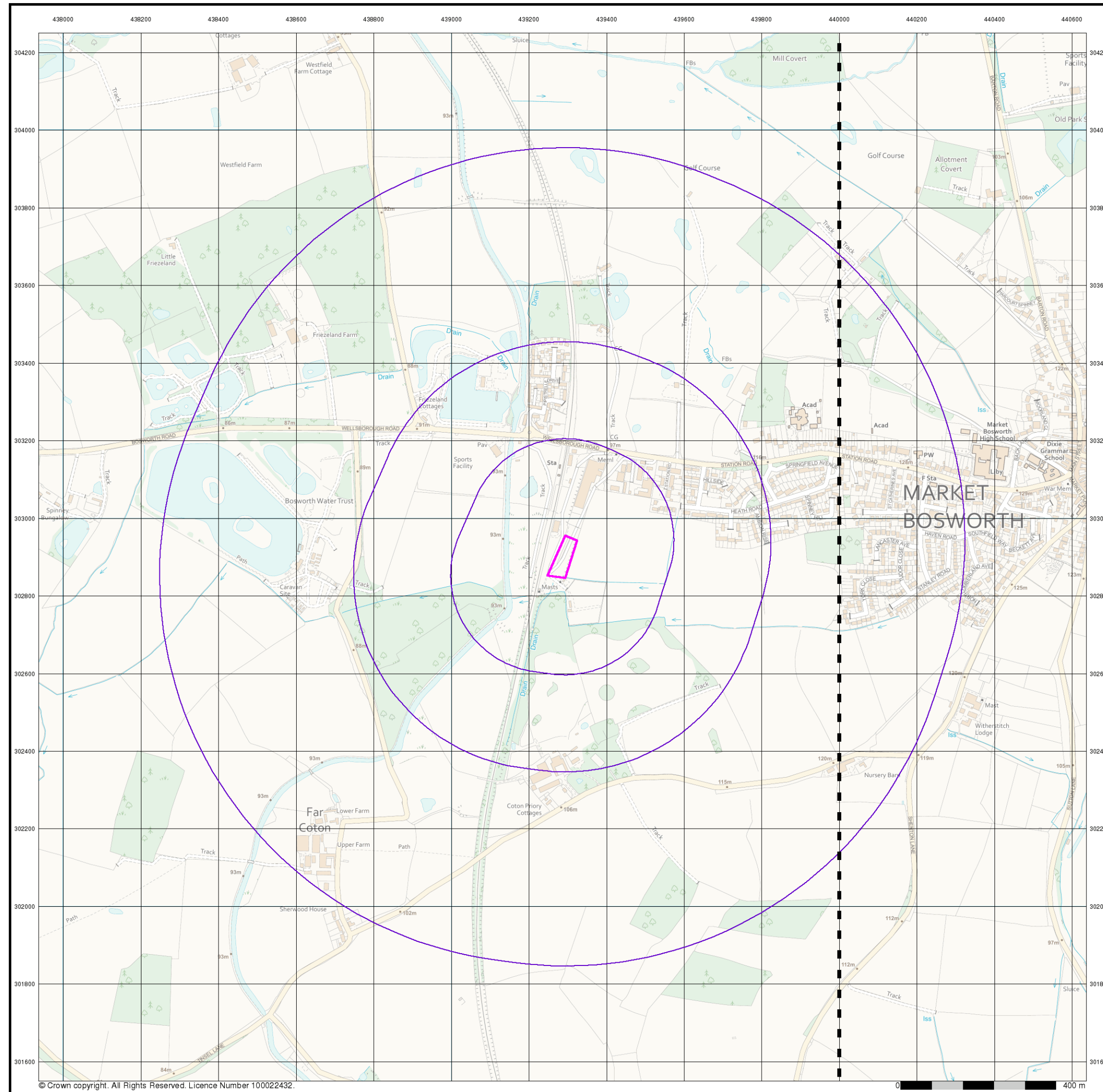


Order Details

Order Number: 309046969_1_1
Customer Ref: E13705/1
National Grid Reference: 439290, 302900
Slice: A
Site Area (Ha): 0.42
Search Buffer (m): 1000

Site Details

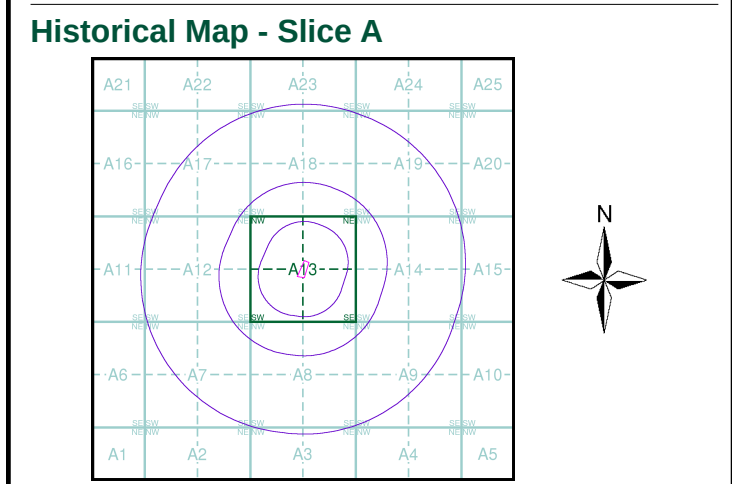
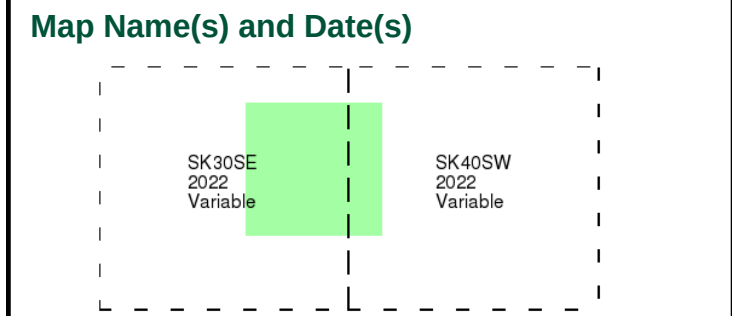
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VectorMap Local
Published 2022
Source map scale - 1:10,000

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).



Order Details

Order Number:	309046969_1_1
Customer Ref:	E13705/1
National Grid Reference:	439290, 302900
Slice:	A
Site Area (Ha):	0.42
Search Buffer (m):	1000

Site Details
J J Churchill Ltd, Station Road, Market Bosworth, NUNEATON, CV13 0PF

Enclosure F

Environmental Database
(34 pages)

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

309046969_1_1

Customer Reference:

E13705/1

National Grid Reference:

439290, 302900

Slice:

A

Site Area (Ha):

0.42

Search Buffer (m):

1000

Site Details:

J J Churchill Ltd, Station Road
Market Bosworth
NUNEATON
CV13 0PF

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Moor Lane
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West Midlands
B6 7HG

Report Section	Page Number
Summary	-
Agency & Hydrological	1
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Geological	13
Industrial Land Use	16
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Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1		Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		2	4	1
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 3		3	1	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3	Yes			
Pollution Incidents to Controlled Waters	pg 4		2	2	3
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 5		1		
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 5			1	
Substantiated Pollution Incident Register	pg 6				1
Water Abstractions	pg 6			1	3 (*1)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 7	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 7	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 7	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 7	1	6	4	14

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 11		1		1
Local Authority Landfill Coverage	pg 11	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 11		1		
Potentially Infilled Land (Water)	pg 11			3	5
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 12		1		
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 13	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 13	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 14		1		
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 14	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 14	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 15		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 15	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 16		13	1	5
Fuel Station Entries					
Points of Interest - Commercial Services	pg 17		5		2
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 18		4	1	1
Points of Interest - Public Infrastructure	pg 19		1		1
Points of Interest - Recreational and Environmental	pg 19			2	2
Gas Pipelines	pg 19		1		
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
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 20	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	177	1	439500 302950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	297	1	439600 303050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	363	1	439650 303100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	392	1	439550 302550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	397	1	439300 302450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	401	1	439350 302450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	404	1	439500 302500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	455	1	439750 303100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	486	1	439700 303250
1	Discharge Consents Operator: Severn Trent Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Market Bosworth Pumping Station, Station Road, Nuneaton, Leicestershire Authority: Environment Agency, Midlands Region Catchment Area: River Sence Catchment Reference: T/20/30314/O Permit Version: 1 Effective Date: 15th February 1996 Issued Date: 15th February 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Friezeland Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13SE (S)	18	2	439310 302840
1	Discharge Consents Operator: Severn Trent Water Limited Property Type: Not Given Location: Market Bosworth Sewage PS, Station Road, NUNEATON Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: T/20/22452/O/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 25th November 1993 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge Environment: Freshwater Stream/River Receiving Water: Friezeland Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (S)	18	2	439310 302840

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: British Waterways Board Property Type: Not Given Location: House At, Bosworth Wharf, MARKET BOSWORTH, Leicestershire Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: WQ/72/1541/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 16th November 1977 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge: Groundwater Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NW (N)	263	2	439200 303200
3	Discharge Consents Operator: The Timber And Fireproofing Property Type: Not Given Location: Road, Market Bosworth, NUNEATON Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: T/20/03766/T/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 25th July 1974 Revocation Date: Not Supplied Discharge Type: Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Friezeland Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (N)	358	2	439200 303300
3	Discharge Consents Operator: Persimmon Homes (North Midlands) Limited Property Type: Undefined Or Other Location: Premises At Station Road, Market Bosworth, Nuneaton, Warwickshire Authority: Environment Agency, Midlands Region Catchment Area: River Sence Catchment Reference: T/20/35315/T Permit Version: 1 Effective Date: 31st July 1998 Issued Date: 31st July 1998 Revocation Date: 12th May 2006 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Friezeland Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A18SW (N)	397	2	439200 303340
3	Discharge Consents Operator: Timber Fireproofing Co Ltd Property Type: Undefined Or Other Location: Premises At Station Road, Market Bosworth, Nuneaton, Warwickshire Authority: Environment Agency, Midlands Region Catchment Area: River Sence Catchment Reference: T/20/30227/T Permit Version: 1 Effective Date: 25th January 1996 Issued Date: 25th January 1996 Revocation Date: 30th July 1998 Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Friezeland Brook Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A18SW (N)	397	2	439200 303340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Mr N W Ryley Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: Bosworth Water Trust Far Coton Lane, Market Bosworth, Near Nuneaton, Warwickshire Authority: Environment Agency, Midlands Region Catchment Area: River Sence Catchment Reference: T/20/35722/T Permit Version: 1 Effective Date: 13th August 2002 Issued Date: 13th August 2002 Revocation Date: Not Supplied Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Sibson 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	A12SW (W)	729	2	438520 302830
5	Prosecutions Relating to Controlled Waters Location: Lake Off Station Road, Market Bosworth, Cv13 Prosecution Text: Failure to repair a sewage pipe led to the contamination of a nearby watercourse Prosecution Act: Wra91 S85(1) Hearing Date: 27th January 2005 Verdict: Guilty Fine: 6500 Cost: 3883 Positional Accuracy: Manually positioned within the geographical locality	A13NE (NE)	254	2	439443 303166
6	Local Authority Pollution Prevention and Controls Name: Drayton Crushing And Construction Ltd Location: Hill Farm, Fenny Lane, Fenny Drayton, Nuneaton, Warks, CV13 6BJ Authority: Hinckley And Bosworth Borough Council, Environmental Health Department Permit Reference: EPR-14 Dated: 2nd September 2011 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13NE (N)	192	3	439309 303146
6	Local Authority Pollution Prevention and Controls Name: Bosworth Garage Location: Station Road, Market Bosworth, Nuneaton, CV13 0PE Authority: Hinckley And Bosworth Borough Council, Environmental Health Department Permit Reference: EPR-13 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Application Not Yet Authorised Positional Accuracy: Manually positioned to the address or location	A13NE (N)	192	3	439309 303146
6	Local Authority Pollution Prevention and Controls Name: Market Bosworth Service Station Location: Station Road, NUNEATON, Warwickshire, CV13 0LT Authority: Hinckley And Bosworth Borough Council, Environmental Health Department Permit Reference: Epa05/1 Dated: 7th April 1993 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location	A13NE (N)	235	3	439308 303189
7	Local Authority Pollution Prevention and Controls Name: Palgrave Brown Timber & Fireproofing Location: Station Road, Market Bosworth, NUNEATON, Warwickshire, CV13 0PQ Authority: Hinckley And Bosworth Borough Council, Environmental Health Department Permit Reference: Epa06 Dated: 7th April 1993 Process Type: Local Authority Air Pollution Control Description: PG6/2 Manufacture of timber and wood-based products Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A18SW (N)	306	3	439238 303255
	Nearest Surface Water Feature	A13SW (S)	0	-	439270 302850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Pollution Incidents to Controlled Waters Property Type: Engineering Location: Dennis Island, Station Road, MARKET BOSWORTH Authority: Environment Agency, Midlands Region Pollutant: Oils - Waste Oil Note: No Adverse Effects; Tipping Waste Oil To Drain Incident Date: 16th October 1996 Incident Reference: 2701667 Catchment Area: Trent Catchment : River Sence Receiving Water: Watercourse Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	207	2	439500 303050
9	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Railway Station, Near Station Garage, MARKET BOSWORTH Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Wrong Connection; No Adverse Effect Incident Date: 15th August 1995 Incident Reference: 1700185 Catchment Area: Trent Catchment : River Sence Receiving Water: Watercourse Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	233	2	439350 303180
10	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Other Location: Sutton Cheney Wharf, MARKET BOSWORTH, Leicestershire Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Other Note: Ashby Canal; Motorcycle In Canal/petrol On Surface; Amenity Affected; Incident Date: 23rd July 1999 Incident Reference: 2706021 Catchment Area: Trent Catchment : Upper Anker To Confluence With Sence Receiving Water: Canal Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	313	2	439100 303200
11	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Station Road Pelgrave Brown Timber, MARKET BOSWORTH Authority: Environment Agency, Midlands Region Pollutant: Oils - Diesel (Including Agricultural) Note: Spillage Of Diesel; No Adverse Effects Incident Date: 10th March 1998 Incident Reference: 2703857 Catchment Area: Trent Catchment : River Sence Receiving Water: Watercourse Cause of Incident: Leaking Underground Pipe Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	407	2	439200 303350
12	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Carlton Road, MARKET BOSWORTH Authority: Environment Agency, Midlands Region Pollutant: Other Sewage Note: None Affected; Pipe Discharging Sewage Incident Date: 23rd November 1998 Incident Reference: 2705064 Catchment Area: Trent Catchment : River Sence Receiving Water: Watercourse Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	595	2	438900 303400
13	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: 29 York Crescent, MARKET BOSWORTH Authority: Environment Agency, Midlands Region Pollutant: Other Sewage Note: Ditch Rear Of Property Is Black & Smells; No Adverse Effect Incident Date: 17th August 1995 Incident Reference: 1700187 Catchment Area: Trent Catchment : River Sence Receiving Water: Watercourse Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	692	2	440001 302801

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: MARKET BOSWORTH Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Ditch; Grey Effluent; Amenity Affected Incident Date: 12th April 1996 Incident Reference: 2700698 Catchment Area: Trent Catchment : River Sence Receiving Water: Watercourse Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	895	2	440200 302760
	River Quality Name: Ashby GQA Grade: River Quality D Reach: Sutton Cheney Wharf To End At Snarestone Estimated Distance (km): 17.2 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A13NW (W)	83	2	439168 302902
15	River Quality Chemistry Sampling Points Name: Ashby Canal Reach: Sutton Cheney Wharf To End At Snarestone Estimated Distance: 17.20 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied	A13NW (N)	299	2	439160 303222

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Substantiated Pollution Incident Register Authority: Environment Agency - Midlands Region, East Area Incident Date: 29th December 2003 Incident Reference: 208357 Water Impact: Category 1 - Major Incident Air Impact: Category 4 - No Impact Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage	A18SE (N)	619	2	439453 303552
17	Water Abstractions Operator: British Waterways Board Licence Number: 03/28/20/0001 Permit Version: 100 Location: Bosworth Wharf - The Ashby Canal Authority: Environment Agency, Midlands Region Abstraction: Mineral Products: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises Of Palgrave Brown Timber & Fireproofing Ltd Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 29th June 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	396	2	439100 303300
18	Water Abstractions Operator: Mr N W Ryley Licence Number: 03/28/20/0098 Permit Version: 100 Location: Friezeland Farm, Market Bosworth - Borehole Authority: Environment Agency, Midlands Region Abstraction: Amenity: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Friezeland Farm, Market Bosworth - B/Hole Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 12th May 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12SW (W)	649	2	438600 302870
19	Water Abstractions Operator: S H And T E Perry Licence Number: 03/28/20/0066 Permit Version: 100 Location: South Farm, Well 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: South Farm, Market Bosworth, Leics Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	894	2	440000 302300
20	Water Abstractions Operator: S H And T E Perry Licence Number: 03/28/20/0066 Permit Version: 100 Location: South Farm, Well 3 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: South Farm, Market Bosworth, Leics Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15SW (E)	987	2	440300 302800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: S H And T E Perry Licence Number: 03/28/20/0066 Permit Version: 100 Location: South Farm. 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: South Farm, Market Bosworth, Leics Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15SW (E)	1103	2	440400 302700
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13SE (E)	0	4	439288 302897
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A13SE (E)	0	4	439288 302897
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SE (E)	0	4	439288 302897
	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				
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 505.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A13SW (S)	0	5	439281 302849
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1008.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A13SE (S)	36	5	439288 302811

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 412.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A13SW (S)	45	5	439253 302806
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A13SW (S)	45	5	439253 302806
25	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 1235.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ashby-de-la-Zouch Canal Catchment Name: Trent Primacy: 2	A13SW (W)	106	5	439142 302894
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A13SW (SW)	109	5	439157 302793
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1208.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A13SW (SW)	130	5	439132 302795
28	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 1303.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ashby-de-la-Zouch Canal Catchment Name: Trent Primacy: 2	A18SW (N)	355	5	439178 303290
29	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 23.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	A18SW (N)	355	5	439178 303290
30	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 118.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	A18SW (N)	365	5	439154 303292
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A18SW (N)	415	5	439170 303351

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 229.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A18SW (N)	512	5	439203 303458
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A18SW (N)	537	5	439105 303457
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 417.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A18SW (N)	543	5	439100 303462
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 140.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A19SW (NE)	588	5	439703 303391
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A19SW (NE)	647	5	439666 303491
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A19SW (NE)	657	5	439657 303508
38	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A17SE (NW)	658	5	438785 303372
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 243.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A17SE (NW)	664	5	438780 303375
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A19SW (NE)	677	5	439628 303547

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A19SW (NE)	679	5	439625 303551
42	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ashby-de-la-Zouch Canal Catchment Name: Trent Primacy: 2	A7NE (SW)	792	5	438640 302346
43	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 4747.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ashby-de-la-Zouch Canal Catchment Name: Trent Primacy: 2	A7NE (SW)	796	5	438637 302344
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A17SW (NW)	842	5	438542 303334
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1087.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A17SW (NW)	844	5	438539 303333

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	Licensed Waste Management Facilities (Locations) Licence Number: 40125 Location: 1-4 Station Road, Station Road Ind Est, Market Bosworth, Warwickshire, CV13 0PE Operator Name: Flying Spares Ltd Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, Central Area Site Category: End of Life Vehicles Licence Status: Issued Issued: 4th November 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	226	2	439480 303105
47	Licensed Waste Management Facilities (Locations) Licence Number: 400534 Location: Bosworth Marina, Carlton Road, Market Bosworth, Warwickshire, CV13 6PD Operator Name: Wagstaff Developments (2010) Ltd Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, Central Area Site Category: Use of waste in construction <100,000 tps Licence Status: Surrendered Issued: 16th September 2013 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 12th January 2017 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	534	2	439000 303400
	Local Authority Landfill Coverage Name: Leicestershire County Council - Has supplied landfill data		0	6	439288 302897
	Local Authority Landfill Coverage Name: Hinckley And Bosworth Borough Council - Has no landfill data to supply		0	3	439288 302897
48	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A13NW (N)	73	8	439256 303017
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NW (E)	388	8	439698 303043
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NW (E)	406	8	439720 303033
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NW (E)	489	8	439803 303037
52	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9NW (SE)	572	8	439677 302423
53	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1903	A8NE (S)	605	8	439304 302242
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1903	A8SE (S)	845	8	439344 302003
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7SE (SW)	858	8	438720 302177
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7SE (SW)	960	8	438638 302112

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	Registered Waste Transfer Sites Licence Holder: Grayclare Ltd Licence Reference: 190/1 Site Location: Unit 6 Station Road, Market Bosworth, NUNEATON, Warwickshire, CV13 0JP Operator Location: As Site Address Authority: Environment Agency - Midlands Region, Lower Trent Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Licence known to be surrenderedSurrendered Dated: 1st May 1990 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned within the geographical locality Boundary Quality: Not Supplied Authorised Waste: Double Bagged Asbestos Product Max.Storage Permitted By Licence	A13NE (NE)	202	2	439450 303100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13SE (E)	0	1	439288 302897
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (E)	0	1	439288 302897
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 20 - 40 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A13NE (NE)	159	1	439473 303000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 20 - 40 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A8NE (S)	386	1	439369 302468
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SE (NW)	674	1	438858 303470
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SE (E)	763	1	440032 302653
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A9SW (SE)	845	1	439684 302097

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: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (SE)	899	1	439691 302040
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	946	1	440031 303570
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NE (SE)	994	1	440172 302383
58	BGS Recorded Mineral Sites Site Name: Station Brick Yard Location: Market Bosworth, Nuneaton, Leicestershire Source: British Geological Survey, National Geoscience Information Service Reference: 136355 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciolacustrine Deposits, Mid Pleistocene Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	142	1	439212 303070
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	439288 302897
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	439288 302897
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	42	1	439369 302916
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	439288 302897

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	439288 302897
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	439288 302897
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	42	1	439369 302916
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	439288 302897
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	163	1	439479 302991
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	439288 302897
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	439288 302897

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	Contemporary Trade Directory Entries Name: J J Churchill Ltd Location: Station Road, Market Bosworth, NUNEATON, Warwickshire, CV13 0PF Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (N)	33	-	439270 302978
60	Contemporary Trade Directory Entries Name: F D Textiles Location: Unit 7a, Station Road Industrial Estate, Station Road, Market Bosworth, Nuneaton, Warwickshire, CV13 0PE Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	159	-	439411 303074
60	Contemporary Trade Directory Entries Name: Fine Art Ceramics Location: UNIT 2, STATION ROAD INDUSTRIAL ESTATE, STATION ROAD, MARKET BOSWORTH, CV13 0PE Classification: Medical & Dental Laboratories Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	166	-	439421 303077
60	Contemporary Trade Directory Entries Name: Bosworth Automatics Ltd Location: Station Road Industrial Estate, Station Road, Market Bosworth, Nuneaton, Warwickshire, CV13 0PE Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	187	-	439448 303081
60	Contemporary Trade Directory Entries Name: Pro-Tech C N C Ltd Location: Alexander House, Station Road Industrial Estate, Station Road, Market Bosworth, Nuneaton, Warwickshire, CV13 0PE Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	201	-	439439 303106
61	Contemporary Trade Directory Entries Name: Bosworth Garage Ltd Location: Station Road, Market Bosworth, Nuneaton, CV13 0PE Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (N)	195	-	439307 303149
62	Contemporary Trade Directory Entries Name: Colnest Engineering Location: Station Road Industrial Estate, Station Road, Market Bosworth, Nuneaton, Warwickshire, CV13 0PE Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	202	-	439402 303128
63	Contemporary Trade Directory Entries Name: Reuben Heaton Location: Unit 9, Station Road Industrial Estate, Station Road, Market Bosworth, Nuneaton, CV13 0PE Classification: Fishing & Angling Equipment - Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	227	-	439512 303069
63	Contemporary Trade Directory Entries Name: Flying Spares Location: Station Road Industrial Estate, Station Road, Market Bosworth, Nuneaton, Warwickshire, CV13 0PE Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	228	-	439483 303105
63	Contemporary Trade Directory Entries Name: Flying Spares Ltd Location: Station Road Industrial Estate, Station Road, Market Bosworth, Nuneaton, Warwickshire, CV13 0PE Classification: Classic Car Specialists Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	228	-	439483 303105

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	Contemporary Trade Directory Entries Name: Mercia Wiper Location: Unit 5A, Station Road, Market Bosworth, Nuneaton, Warwickshire, CV13 0PE Classification: Car Washing & Polishing Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A13NE (NE)	233	-	439453 303136
63	Contemporary Trade Directory Entries Name: Flowtronics Systems Ltd Location: Rossendale House, Station Road, Market Bosworth, Nuneaton, Warwickshire, CV13 0PE Classification: Printed Circuit Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	235	-	439511 303084
63	Contemporary Trade Directory Entries Name: Savage Marine Ltd Location: Alexander House, Station Road, Market Bosworth, Nuneaton, Warwickshire, CV13 0PE Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13NE (NE)	243	-	439486 303123
64	Contemporary Trade Directory Entries Name: Proteus Cars Location: Matker House, Pipistrelle Dr, Market Bosworth, Nuneaton, Warwickshire, CV13 0NW Classification: Car Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	334	-	439208 303277
65	Contemporary Trade Directory Entries Name: Euro Retec Location: Station Rd, Market Bosworth, Nuneaton, Warwickshire, CV13 0PE Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NW (NE)	509	-	439793 303140
66	Contemporary Trade Directory Entries Name: James Commercial Location: Wellesborough Rd, Market Bosworth, Nuneaton, Warwickshire, CV13 6PD Classification: Commercial Vehicle Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NE (NW)	531	-	438838 303228
67	Contemporary Trade Directory Entries Name: Border Control Pet Control Location: 154, Station Road, Market Bosworth, Nuneaton, CV13 0NP Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	673	-	439949 303190
68	Contemporary Trade Directory Entries Name: County A Ltd Location: Station Rd, Market Bosworth, Nuneaton, Warwickshire, CV13 0PE Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	736	-	440028 303156
69	Contemporary Trade Directory Entries Name: Skyline Fascia Co Location: Skyline House, Station Rd, Market Bosworth, Nuneaton, Warwickshire, CV13 0LT Classification: Fascias and Soffits Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	954	-	440263 303109
70	Points of Interest - Commercial Services Name: Station Garage Location: Station Garage, Station Road, Market Bosworth, CV13 0PE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	195	7	439307 303149
70	Points of Interest - Commercial Services Name: Bosworth Garage Ltd Location: Station Garage, Station Road, Market Bosworth, CV13 0PE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	195	7	439307 303149

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	Points of Interest - Commercial Services Name: Alloy & Bumper Repairs Ltd Location: Unit 8 Station Road Industrial Estate, Station Road, Market Bosworth, Nuneaton, CV13 0PE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	219	7	439444 303125
71	Points of Interest - Commercial Services Name: Flying Spares Ltd Location: Station Road Industrial Estate, Station Road, Market Bosworth, Nuneaton, CV13 0PE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	228	7	439483 303105
71	Points of Interest - Commercial Services Name: Flying Spares Location: Station Road Industrial Estate, Station Road, Market Bosworth, Nuneaton, CV13 0PE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	228	7	439483 303105
72	Points of Interest - Commercial Services Name: Bosworth Garage Ltd Location: Station Road, Market Bosworth, Nuneaton, CV13 0NP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	637	7	439882 303248
73	Points of Interest - Commercial Services Name: Border Control Pet Control Location: 154 Station Road, Market Bosworth, Nuneaton, CV13 0NP Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A14NW (NE)	673	7	439949 303190
74	Points of Interest - Manufacturing and Production Name: Industrial Estate Location: CV13 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	159	7	439440 303051
74	Points of Interest - Manufacturing and Production Name: Industrial Estate Location: CV13 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	198	7	439466 303080
75	Points of Interest - Manufacturing and Production Name: Works Location: CV13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	167	7	439352 303111
75	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	169	7	439358 303110
76	Points of Interest - Manufacturing and Production Name: Tank Location: CV13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	430	7	439255 303382
77	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	520	7	439253 303473

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	Points of Interest - Public Infrastructure Name: Sewage Works Location: CV13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	144	7	439418 302775
79	Points of Interest - Public Infrastructure Name: Market Bosworth Fire Station Location: Fire Station 89, Station Road, Market Bosworth, CV13 0LT Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A14NE (E)	931	7	440243 303087
80	Points of Interest - Recreational and Environmental Name: Play Area Location: CV13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	339	7	439646 303046
81	Points of Interest - Recreational and Environmental Name: Play Area Location: CV13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	425	7	439272 303379
82	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	618	7	438655 303021
82	Points of Interest - Recreational and Environmental Name: Play Area Location: Nr Wellsborough Road, CV13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A12NE (W)	638	7	438633 303018
83	Gas Pipelines Name: BLABY TO ALREWAS Nat Grid: Owned By National Grid Diameter (mm): 900 Building Proximity: Not Supplied Distance (m): Status: Active Pipe Length (m): 50823.6 Pipe Number: Not Supplied	A13SW (S)	113	8	439235 302738

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	Nitrate Vulnerable Zones Name: River Trent (Source To Confluence With Derwent) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (E)	0	4	439288 302897

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office North West Leicestershire District Council - Environmental Protection Department Hinckley And Bosworth Borough Council - Environmental Health Department	June 2020 September 2014 September 2017	Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Midlands Region	January 2023	Quarterly
Enforcement and Prohibition Notices Environment Agency - Midlands Region	March 2013	
Integrated Pollution Controls Environment Agency - Midlands Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Midlands Region	January 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control North West Leicestershire District Council - Environmental Health Department Hinckley And Bosworth Borough Council - Environmental Health Department	July 2014 June 2014	Variable Variable
Local Authority Pollution Prevention and Controls North West Leicestershire District Council - Environmental Health Department Hinckley And Bosworth Borough Council - Environmental Health Department	July 2014 June 2014	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements North West Leicestershire District Council - Environmental Health Department Hinckley And Bosworth Borough Council - Environmental Health Department	July 2014 June 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	January 2023	
Pollution Incidents to Controlled Waters Environment Agency - Midlands Region	December 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Midlands Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Midlands Region	March 2013	
Registered Radioactive Substances Environment Agency - Midlands Region	June 2016	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	January 2023 January 2023	Quarterly Quarterly
Water Abstractions Environment Agency - Midlands Region	January 2023	Quarterly
Water Industry Act Referrals Environment Agency - Midlands Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually

Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2023	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	January 2023	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	November 2022	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Midlands Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	January 2023 January 2023	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Hinckley And Bosworth Borough Council - Environmental Health Department Leicestershire County Council North West Leicestershire District Council - Environmental Health Department	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Hinckley And Bosworth Borough Council - Environmental Health Department Leicestershire County Council North West Leicestershire District Council - Environmental Health Department	October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	June 2015 June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Hinckley And Bosworth Borough Council Leicestershire County Council North West Leicestershire District Council	February 2016 February 2016 February 2016	Variable Variable Variable
Planning Hazardous Substance Consents Hinckley And Bosworth Borough Council Leicestershire County Council North West Leicestershire District Council	February 2016 February 2016 February 2016	Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2022	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	September 2022	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	September 2022	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	March 2023	Quarterly
Points of Interest - Education and Health PointX	March 2023	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2023	Quarterly
Points of Interest - Public Infrastructure PointX	March 2023	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2023	Quarterly
Underground Electrical Cables National Grid	February 2023	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Hinckley And Bosworth Borough Council North West Leicestershire District Council	July 2022 July 2022	Quarterly Quarterly
Areas of Unadopted Green Belt Hinckley And Bosworth Borough Council North West Leicestershire District Council	July 2022 July 2022	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	August 2022	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	February 2023	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 March 2023	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Hinckley And Bosworth Borough Council - Environmental Health Department First Floor, Florence House, St Marys Road, Hinckley, Leicestershire, LE10 1EQ	Telephone: 01455 238141 Fax: 01455 890228 Website: www.hinckley-bosworth.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Leicestershire County Council County Hall, Glenfield, Leicestershire, LE3 8RH	Website: www.leics.gov.uk
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited 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.