

Hinckley Academy and John Cleveland Sixth Form Centre

Geo-Environmental Phase I Assessment

B030162 V0

Department for Education

August 2021

**Prepared on Behalf of Tetra Tech Environment Planning Transport
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1.0 INTRODUCTION

1.1 INSTRUCTION AND OBJECTIVES

Tetra Tech has been instructed by Gleeds on behalf of the Department for Education to undertake a Phase 1 Preliminary Land Quality Assessment at the Hinckley Academy and John Cleveland Sixth Form Centre, Hinckley. The objective is to establish the baseline condition of the site to inform the scope for an intrusive ground investigation, identifying potential risks and constraints associated with the new development, and to develop a preliminary conceptual site model.

1.2 PROPOSED DEVELOPMENT

The Hinckley Academy and John Cleveland Sixth Form Centre currently has 1133 pupil numbers on roll (NOR). According to the Department for Education Technical Advisor Outline Brief, the school is currently operating at 60% capacity, with the current planned admission numbers (PAN) being 1860. The Local Authority plans to increase the housing stock in Hinckley, therefore there is an anticipated future increase in the pupil numbers. The total PAN of the school will be reduced after the project completion by 20% to 1450, including 152 special education needs and disabilities places.

The proposed development comprises the demolishing of Blocks B, C, D, E, K, T, and V, although it is noted that Block K may be retained. Blocks F, G, I, L, L and M require no works by the DfE School Rebuilding Division, other than being refurbished under the direction of the academy. Blocks A, Q, R and W will remain untouched throughout the scheme. Block X is leased to another provider and will not form part of this scope of work.

The land occupied by the buildings marked for demolishing is listed as being turned into future landscaping. A development zone has been marked to the west of the current school buildings, towards the site access.

The proposed development plans can be found as Figure 3 in Appendix 2.

1.3 REPORT CONDITIONS

This report is subject to the report conditions contained within Appendix 1 and the scope identified in the Tetra Tech instruction email dated 05th July 2021. Limitations to the scope of works undertaken are identified within this report.

The recommendations and opinions expressed within this report are based on the information provided and other sources of readily available information. Where reference has been made to other reports or information provided by the client, or from other third-party sources, such data has been reviewed in good faith and it has been assumed that their contents are correct, as it is impractical to fully validate this data. Tetra Tech is unable to guarantee any Third-Party Information.

2.0 SITE INFORMATION

2.1 SITE LOCATION

The site location is illustrated in Figure 1 – Site Location Plan in Appendix 2. The layout of the site is illustrated in Figure 2 – Site Layout Plan in Appendix 2.

Summary site details are presented in Table 2.1.

Table 2.1 Site Location Details

Site Address	Hinckley Academy and John Cleveland Sixth Form Centre, Butt Lane, Hinckley, Leicestershire, LE10 1LE
Approximate Area	11.97Ha
National Grid Reference	443929, 294487

2.2 SITE DESCRIPTION

The Hinckley Academy and John Cleveland Sixth Form Centre is a 1,860 place, co-educational secondary school for 11 to 18 year olds, in the town of Hinckley in Leicestershire, within the Leicestershire County Council (LCC) local authority area.

The site comprises multiple school buildings set within hardstanding and soft landscaping. The soft landscaping includes broad-leaved scattered trees, amenity grassland, one accessible waterbody, and hedgerows.

The school buildings are collected in the far north corner of the site, featuring a number of individual buildings and some which have been constructed adjacent to each other so that they are joined. Walkways are present between some of the buildings, with some being covered, and one fully enclosed walkway acting as a bridge to other buildings, crossing above a single storey building. The site also previously featured an indoor swimming pool, now demolished, in this area of the site, although it could not be established whether this was below ground. Two hardstanding games courts are located to the southwest of the school buildings, which are themselves located northeast of a larger AstroTurf style pitch. The site further south of this consists entirely of managed soft landscaping, appearing to be used for sports and recreation.

Most buildings date back to the 1960s, excluding block A, which was built in the early 1900s. The school buildings are terraced on various levels and most of which are single storey, with the exception of the sixth form centre, which is part two storey. The majority of the school buildings have flat roofs with some areas of pitched roof. Windows and doors are a combination of metal and timber windows with some uPVC double glazed windows. A pond is located towards the centre of the school buildings, in the northern corner of the site.

The outline brief highlights that there is a nursery on site and the school leases some buildings to other providers such as the Scouts and Dorothy Goodman School.

The outline brief also identifies that the school has an insecure site boundary at present.

The school sits on a slope and is prone to flash flooding according to the outline brief, which attributes the drainage and landscaping across the site as being contributing factors to many defects linked to water ingress and damp.

2.3 SURROUNDING AREA

Directly surrounding land uses are summarised in Table 2.2.

Table 2.2 Surrounding Land Uses

	Description
North	Residential housing and part of Hinckley golf course with farmland beyond.
East	Hinckley golf course with farmland beyond.
South	Arable fields and mixed residential and farmland uses beyond.
West	Residential housing with Hinckley town centre located further west.

3.0 GEOLOGY

3.1 GEOLOGY

Information on the geology has been obtained from the online British Geological Survey (BGS) Onshore GeoIndex Archive (BGS, 2021), the 2021 Groundsure Report. The Groundsure Report is included in full in Appendix 3.

3.1.1 Made Ground

The online BGS Geoindex does not suggest there are deposits of Made Ground on site, with the nearest identified 1.98km to the southwest of the site. However, the current use and development of the site may have introduced Made Ground.

The Groundsure Report also does not find any records of Made Ground on site, but identifies the nearest deposits as 179m east and 247m south respectively.

Surface ground workings are recorded as being present on site, which consist of 3No. filter beds, 2No. unspecified ground workings and 2No. unspecified heaps.

3.1.2 Natural Geology

The site is recorded as being underlain by superficial deposits of the Oadby Member diamicton. However, the Wolston Sand and Gravel may be present in southern and eastern parts of the site instead of the Oadby Member.

The bedrock at the site is recorded as consisting entirely of the Mercia Mudstone Group.

The Groundsure Report also shows that 12No. boreholes have previously been completed on site.

The reported risks from natural ground subsidence have been ranked between Negligible and Low within 50m of the site.

3.2 HYDROGEOLOGY

The Groundsure Report shows that the area of the site underlain by the Oadby Member are designated as Secondary Undifferentiated Aquifers. The area underlain by the Wolston Sand and Gravel is shown as being designated as a Secondary A Aquifer, capable of supporting water supply at a local scale.

The bedrock geology of the Mercia Mudstone is shown as being a Secondary B Aquifer, which are described as having the potential to store or yield limited amounts of groundwater.

The aquifers at the site are described as being of Medium Vulnerability to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties.

The site is not shown to be located within a groundwater Source Protection Zone.

1No. groundwater abstraction license is present within 500m of the site (c.288m southwest) relating to a borehole at the Hinckley Bowling Club for the abstraction of groundwater for use in spray irrigation according to the Groundsure Report.

There are two licenced discharge consents for the discharge of final/ treated effluent to the land/groundwater within 500m of the site (214m S and 404m S of the site).

The Groundsure Report shows the site is at Moderate risk of groundwater flooding, within the Wolston Sand and Gravel, whilst the rest of the site is shown as being at Low risk.

The Tame Anker Mease and Soar Secondary Combine regional groundwater bodies (encompassing the Secondary aquifer on site), covering 1140.57km² and 1359.38km² respectively have been regionally classified as good for 2019 (quantitative, chemical and overall categories).

A licensed discharge to controlled waters exists c.214m south of the site. The receiving water is listed as groundwater via infiltration. The license pertains to the address 'The Courtyard, Burbage, Leicestershire, LE10 2UD', issued on 03/06/2015 with no revocation date listed.

3.3 HYDROLOGY

A pond is located towards the centre of the school buildings, in the northern corner of the site.

At c.74m east of the site an 'inland river not influenced by normal tidal action' is located. Several other inland rivers are present within 250m of the site. The Groundsure Report shows the site is within the catchment of the Thurlaston Brook, a tributary of the Soar River. These surface water features are located within Hinckley Golf Course, which also features small lakes and ponds. These features are noted as being part of the Thurlaston Brook catchment.

No surface water abstractions are reported within 500m of the site.

No pollution incidents have been recorded within 250m of the site.

3.4 HISTORIC INVESTIGATION

Online BGS borehole logs show that an investigation has previously been carried out in 1957, which appears to be prior to the construction of the school on site, progressing boreholes in the northern corner of the site. Borehole logs show that general strata consisted of topsoil over silty clay, becoming stiffer with depth. Groundwater was observed to enter some of the locations from c.0.90m bgl.

3.5 UNEXPLODED ORDNANCE

Freely available online UXO risk maps (Zetica, 2021) show that the site is located in an area at Low risk of potential UXO, however, the map does show a strategic target utility is present c.100m southwest of the site.

3.6 REGULATORY / LAND USE RECORDS

The Groundsure Report shows that the site is located within a Nitrate Vulnerability Zone, relating to the Soar River, and also within a SSSI Impact Risk Zone, which means that certain types of development will require consultation.

The Groundsure Report shows that the site is located c.340m to the southeast of a Local Nature Reserve and designated Ancient Woodland, and c.750m west of a Site of Special Scientific Interest (SSSI) in addition to the former.

The site is classed as Grade 3a under the Agricultural Land Classification, described as good quality agricultural land.

The Groundsure Report records several unspecified ground workings and heaps on site between 1968-1977. These correspond to an embankment orientated north-south in the north eastern portion of the site and a mound in the south eastern portion of the site on the historical maps. A rectangular feature annotated as a filter bed has been annotated straddling the southern boundary of the site in the 1924 map. The Groundsure report indicates filter beds are also recorded between 1923-1938 and also in 1950.

Cuttings are recorded between 1886 and 1983 c.100m southeast of the site, likely relating to the railway line. Numerous other historical industrial land uses are recorded within 500m of the site including infirmaries, water works, hat manufacturers, depots, rifle ranges and fire stations. Several unspecified tanks are listed between 300-500m southwest of the site, present between the dates of 1960-1988.

A Gas Valve House is listed as being present on site in 1993, whilst an electricity sub station is listed as currently being present on site.

A pumping station is located c.17m north and also c.37m northeast of the site, both listed as 'recent industrial land uses' within the Groundsure Report.

The nearest landfill is located c.237m south of the site, registered to F E Downes Ltd as a closed landfill taking other wastes.

There are 2No. licensed waste sites within 500m of the site, located c.181m east for Hinkley Golf Club (use of waste in construction) and c.290m south for the aforementioned closed landfill .

There are 7No. waste exemptions within 500m of the site, the nearest being situated c.226m to the north.

There are 3No. licensed pollutant releases under Part A(2)/B within 500m of the site, the nearest located c.305m to the west. These are all associated with petrol filling stations (petrol vapour recovery and unloading petrol into storage at service stations).

Full details of regulatory and land use records can be found in the Groundsure Report in Appendix 3.

4.0 SITE HISTORY

4.1 INTRODUCTION

The historical development of the site and surrounding area has been reviewed using historical maps dating back to 1886, contained within the 2021 Groundsure Report, which is provided in full in Appendix 3.

4.2 SUMMARY OF SITE HISTORY

The earliest map reviewed from 1886 indicated the site to be occupied by farmland, with what appears to be a farmstead called Forest View located in the far north of the site. The South Leicestershire Branch railway is already shown present to the south of the site. The surrounding land is largely used for allotments, farming and agriculture. By 1924 an unnamed rectangular feature is present to the southeast of the farmstead. A filter bed is also shown crossing the southern site boundary on the 1923 map.

The site remains unchanged until the 1960-1964 map when the Hinckley Grammar School is indicated for the first time alongside (to the east) of the farmstead building, which itself appears to have been adapted into the building known as Block A. The rectangular feature southeast of the farmstead is no longer present by this time with new school buildings present in its stead. By this time, residential housing has been constructed adjacent to the site. This map also shows that a pond is now present towards the centre of the school buildings. The 1963 map shows an embankment and mound located in the east of the site, possibly earthworks/levelling of the land prior to redevelopment as they are not indicated by 1987-1991 with the development of further school buildings now shown on this land. By this time the school has been renamed as John Cleveland College. Further minor developments occurred at the school until 2001, and then several new, smaller buildings are shown present on the 2021 map.

The 2003 Landline map shows the Gas Valve House is located along the northern site boundary, north of the school buildings.

5.0 PRELIMINARY CONCEPTUAL MODEL

5.1 GENERAL

The site has been assessed in line with current UK guidelines, namely the Contaminated Land (England) Regulations 2012 and Part IIA of the Environmental Protection Act 1990 and follows the procedures set out in the Environmental Agency Land Contamination Risk Management (known as LCRM).

The LCRM was officially adopted on 8th October 2020 following the withdrawal of the previous CLR11 (Model Procedures for the Management of Land Contamination) guidance document. LCRM provides the technical framework for structured decision making about land contamination and builds on previous work carried out under the Contaminated Land Research Programme of the former Department of the Environment. LCRM has adopted and refined the well-recognised methodology and terminology that has been used in contaminated land risk assessment for a number of years. LCRM defines the 3 essential elements to any risk:

- A contaminant source – a substance that is in, on or under land and has the potential to cause harm or to cause pollution of controlled waters.
- A receptor – in general terms, something that could be adversely affected by a contaminant, such as people, an ecological system, property or a water body.
- A pathway – a route or means by which a receptor can be either exposed to, or affected by, a contaminant.

Each of these elements can exist independently, but they create a risk only where they are linked together, so that a particular contaminant affects a particular receptor through a particular pathway. This kind of linked combination of contaminant-pathway-receptor is described as a **Contaminant Linkage**. Land is defined as contaminated if this linkage is considered to be significant and the type of receptor and any harm must meet the descriptions of significant harm given in the statutory guidance. A site where a contaminant is causing, or likely to cause, significant pollution of controlled waters also constitutes contaminated land.

This section of the report aims to define a preliminary Conceptual Site Model (CSM), which includes a qualitative assessment of environmental risks associated with each of the contaminant linkages identified.

The qualitative risk assessment is achieved by classifying the likely significance or severity of the risk and the probability of the risk actually occurring, to determine an overall risk for that particular contaminant linkage. The assessment has been undertaken with cognisance of:

- The nature, volume and extent of any identified contamination source;

- The potential pathways;
- Identified receptors; and
- Due regard to the current site status and proposed future site commercial site use.

5.2 CONCEPTUAL SITE MODEL

5.2.1 Sources

Based on the review of the available information, the following potential ground contamination risk sources have been identified pertaining to the site.

Potential sources of contamination are considered likely to include:

- Made ground associated with historical site use/development and groundworking, filter beds, potentially infilled swimming pool and ponds.

5.2.2 Pathways

The primary pathways by which sensitive receptors may come into contact with ground contamination are considered to be the following:

- P1 – Direct dermal contact with and / or ingestion of contaminated soil;
- P2 – Atmospheric transport and inhalation of airborne dusts, vapours and fibres;
- P3 – Lateral and vertical migration of gases / vapours through the underlying strata;
- P4 – Leaching of potential onsite sources of contamination;
- P5 – Lateral and vertical migration of dissolved phase contamination in perched groundwater;
- P6 – Contaminant migration through preferential pathways (e.g. underground service ducts, drains, etc.);
- P7 – Surface water runoff;
- P8 – Direct contact with buildings / structures leading to chemical attack and damage;
- P9 – Accumulation of hazardous gas in buildings; and
- P10 – Leaching of potential offsite sources of contamination;

5.2.3 Receptors

The following are considered to be sensitive receptors:

- Groundworkers (R1)
- Future School Users (R2)
- Surface Water Features – on site pond, inland rivers, Thurlaston Brook and Soar River (R3)
- Secondary A Superficial Aquifers and Secondary B Bedrock Aquifer (R4)

5.3 QUALITATIVE RISK ASSESSMENT

A qualitative risk assessment has been undertaken using a matrix approach as defined within CIRIA C552: Contaminated Land Risk Assessment, A Guide to Good Practice (Rudland et al., 2001). The CIRIA C552 risk categories and the assessment methodology are detailed in Appendix 4.

The following is a matrix approach which evaluates the pollutant linkages and the assigned risk rating identified in the preliminary CSM.

Potential Source	Potential Pollutant	Potential Receptor	Potential Pathway to Receptor	Associated Hazard (Severity)	Likelihood of Occurrence	Risk
Made Ground associated with ground workings and historic site development	Typical brownfield constituents such as PAHs, TPH, heavy metals, hydrocarbons, fuels, oils, greases, lubricants, asbestos etc.	Groundworkers (R1)	Direct contact/ingestion, atmospheric transport and inhalation, migration and accumulation of hazardous gases/vapours (P1, P2, P3, P9).	Human Health (Medium)	Low Likelihood Groundworks increase the chance of construction site workers encountering sub-surface soils and relics of former site development such as the filter beds or infilled swimming pool. Risks can be reduced with the introduction of a Construction & Environmental Management Plan (CEMP) and adoption of appropriate PPE.	Low / Moderate
		Future School Site Users (R2)			Low Likelihood Areas of soft landscaping in future developments will act as continuous pathways between underlying Made Ground and site users, however, no significant sources of contamination have been identified. In addition, use as a school playing field limits the duration of exposure to the soils in comparison with a residential scenario.	Low / Moderate
		Surface Water Features (R3)	Leaching of on-site contamination, lateral and vertical migration of contamination, migration through preferential pathways, surface runoff (P4, P5, P6, P7).	Controlled Waters (Mild)	Low Likelihood A pond is noted on site, albeit not a classified surface water, and other surface water receptors are not likely to be influenced by ground conditions on site. Regardless, significant sources of contamination have not been identified on site.	Low
		Secondary A Superficial Aquifers and Secondary B Aquifer (R4)	Leaching of on-site contamination, lateral and vertical migration of contamination, migration through preferential pathways (P4, P5, P6).	Controlled Waters (Medium)	Unlikely Made Ground on site may contaminate groundwater beneath the site where leaching is able to occur. However, significant sources of contamination were not identified and so is not considered likely.	Low

6.0 CONCLUSIONS

6.1 RISK ASSESSMENT SUMMARY

Based on the review of desk study information the following risk levels have been identified:

- Construction site workers – **Low to Moderate**
- Future school site users – **Low to Moderate**
- Surface water receptors – **Low**
- Groundwater – **Low**

In summary, potentially significant sources of contamination have not been identified on site. The former activities on site, including the ground workings, and the presence of filter beds may give rise to Made Ground of varying quality on site.

6.2 RECOMMENDATIONS

A ground investigation is proposed to establish the environmental conditions of the site, particularly in locations where potentially contaminative activities have taken place. A ground investigation can also be used to inform geotechnical design for new buildings where required.

A combination of cable-percussive boreholes and windowless sample boreholes are envisaged to confirm the geology is consistent with available literature and to collect geotechnical and environmental samples to be analysed for a range of contaminants.

APPENDICES

1 Report Conditions

This report is produced solely for the benefit of **Department for Education** and their Consultant partners and no liability is accepted for any reliance placed on it by any other party unless specifically agreed in writing otherwise.

This report refers, within the limitations stated, to the condition of the site at the time of the inspections and to stated assumptions regarding future use. No warranty is given as to the possibility of future changes in the condition of the site.

This report is based on information supplied by those parties referenced in the text. Some of the opinions are based on unconfirmed data and information and are presented as the best that can be obtained without further extensive research.

Whilst confident in the findings detailed within this report because there are no exact UK definitions of these matters, being subject to risk analysis, we are unable to give categorical assurances that they will be accepted by Authorities or Funds etc. without question as such bodies often have unpublished, more stringent objectives.

This report is prepared for the proposed uses stated in the report and should not be used in a different context without reference to Tetra Tech. In time, improved practices or amended legislation may necessitate a re-assessment.

The assessment of ground conditions within this report is based upon the findings of studies undertaken by third parties. We have interpreted the ground conditions in between locations on the assumption that conditions do not vary significantly. However, no investigation can inspect each and every part of the site and therefore changes or variances in the physical and chemical site conditions as described in this report cannot be discounted.

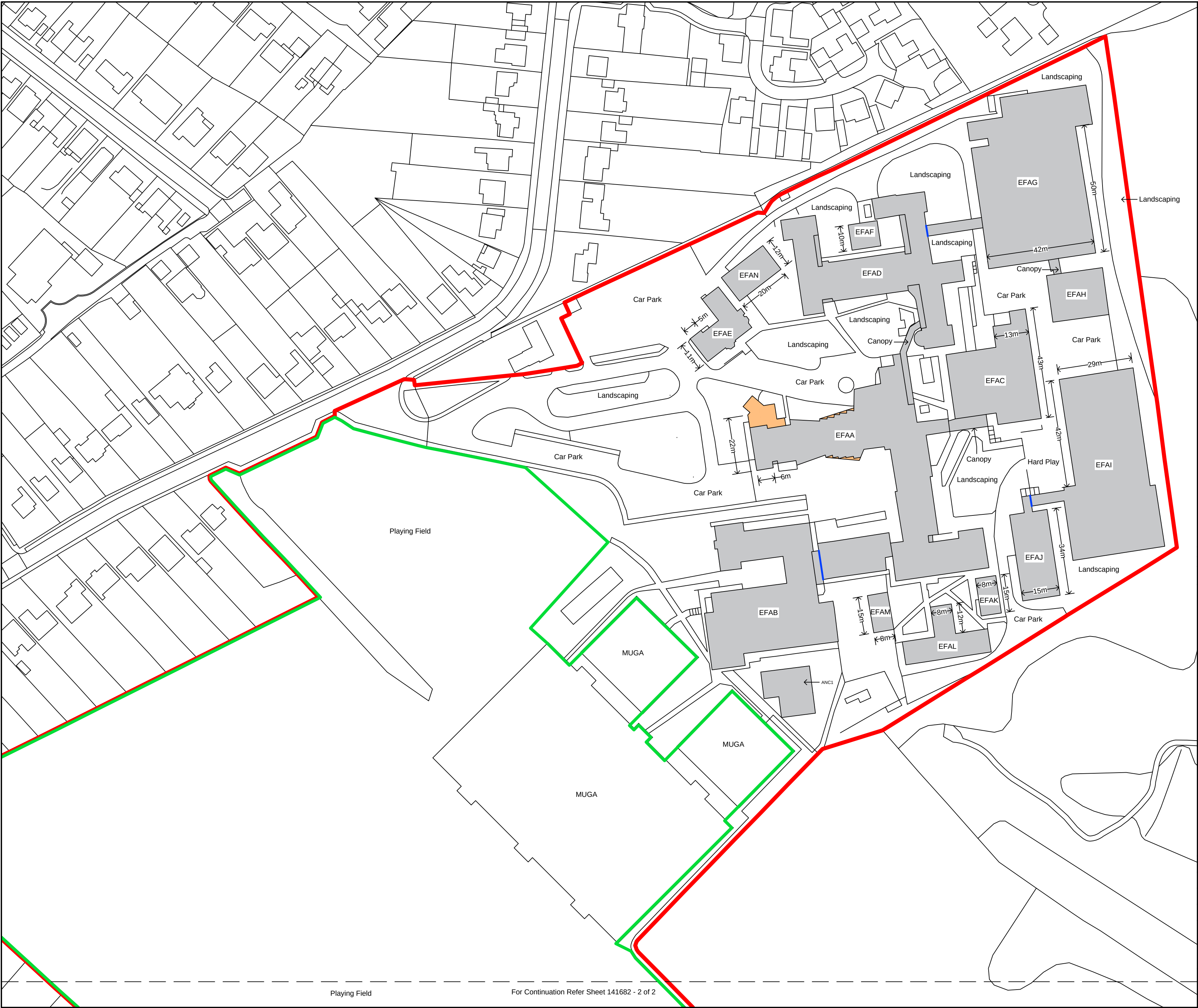
The report is limited to those aspects of land contamination specifically reported on and is necessarily restricted and no liability is accepted for any other aspect especially concerning gradual or sudden pollution incidents. The opinions expressed cannot be absolute due to the limitations of time and resources imposed by the agreed brief. The report concentrates on the site as defined in the report and provides an opinion on surrounding sites.

2 Figures

Figure 1 - Site Location Plan

Annex 1: Aerial Photo - Hinckley Academy and John Cleveland Sixth Form – boundary shown





- NOTES:
- School Site Boundary
 - School Playing Field Boundary
 - Separation of 2 adjoining blocks

- 18mm Typical Block dimensions
- EFA1 CDC Site Reference
EFAD CDC Block Reference
ANC1 Ancillary Block Reference
Car Park, etc. Annotation to specific areas

- Blocks - NEW
- Blocks - DEMOLISHED
- Blocks - EXISTING

REV	DATE	DESCRIPTION	DRN	CHK
REV	DATE	DESCRIPTION	DRN	CHK
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Funding Agency

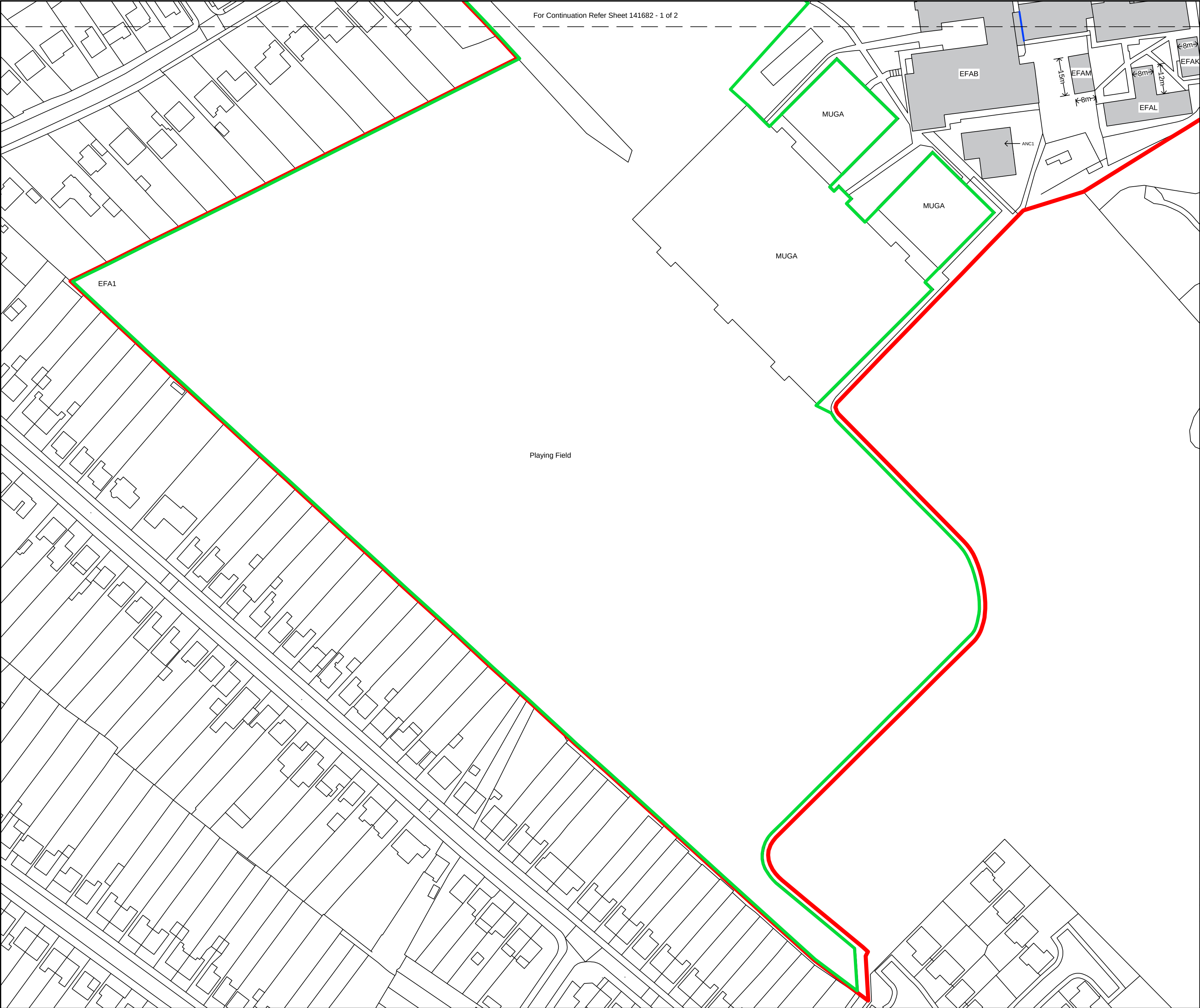
CDC 17 - 19

SCHOOL:
141682
Hinckley Academy and John
Cleveland Sixth Form Centre

Site

Butt Lane
Hinckley
LE10 1LE

Survey Organisation	AECOM		
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Checked	William Ramsbottom	Date	20/03/2019
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Document Status:			
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141682 - 1 of 2			Rev



For Continuation Refer Sheet 141682 - 1 of 2

NOTES:

- School Site Boundary
- School Playing Field Boundary
- Separation of 2 adjoining blocks

Typical Block dimensions

18mm

EFA1 CDC Site Reference
EFAD CDC Block Reference
ANC1 Ancillary Block Reference
Car Park, etc. Annotation to specific areas

Blocks - NEW

Blocks - DEMOLISHED

Blocks - EXISTING

REV	DATE	DESCRIPTION	DRN	CHK	
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REV	DATE	DESCRIPTION	DRN	CHK	
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Rev	Date	Description	Drawn	Check	



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CDC 17 - 19

SCHOOL:
141682
Hinckley Academy and John Cleveland Sixth Form Centre

Site

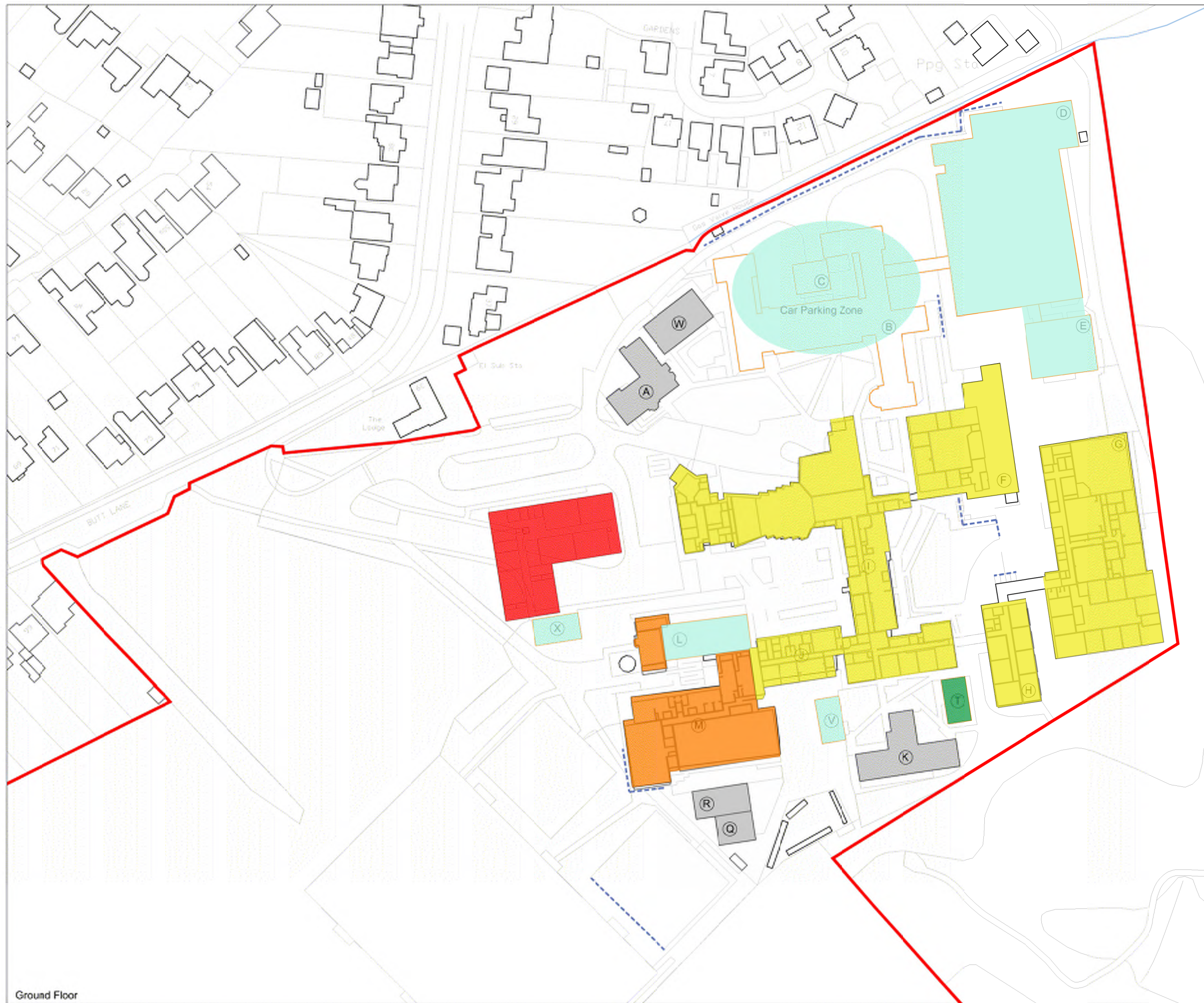
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Hinckley
LE10 1LE

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Checked	William Ramsbottom	Date	20/03/2019
Scale:	1:1000	Original Size:	A2

Document Status:

FINAL

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Ground Floor

© this drawing and the building works depicted are the copyright of IDP and may not be reproduced or amended except by written permission. no liability will be accepted for amendments made by other persons.

all dimensions to be checked in site and architect notified of any discrepancies prior to commencement.

do not scale.

notes:

- Demolish
- No works
- New Building
- Heavy Refurbishment
- Medium Refurbishment
- Hard Landscaping
- Soft Landscaping
- External Works

rev: date: comment(s): name: check:



ARCHITECTS.
URBAN DESIGNERS.
PLANNERS.
PROJECT MANAGERS.
LANDSCAPE ARCHITECTS.
WE ARE IDP.

status: **PRELIMINARY** RIBA Stage:

client: **The Futures Trust**

job: **Hinkley Academy - Option B Feas.**

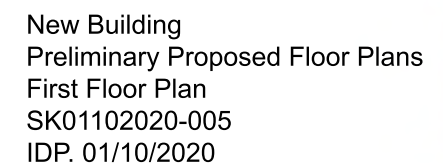
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drawn: **NA** date: **Sept 2020**

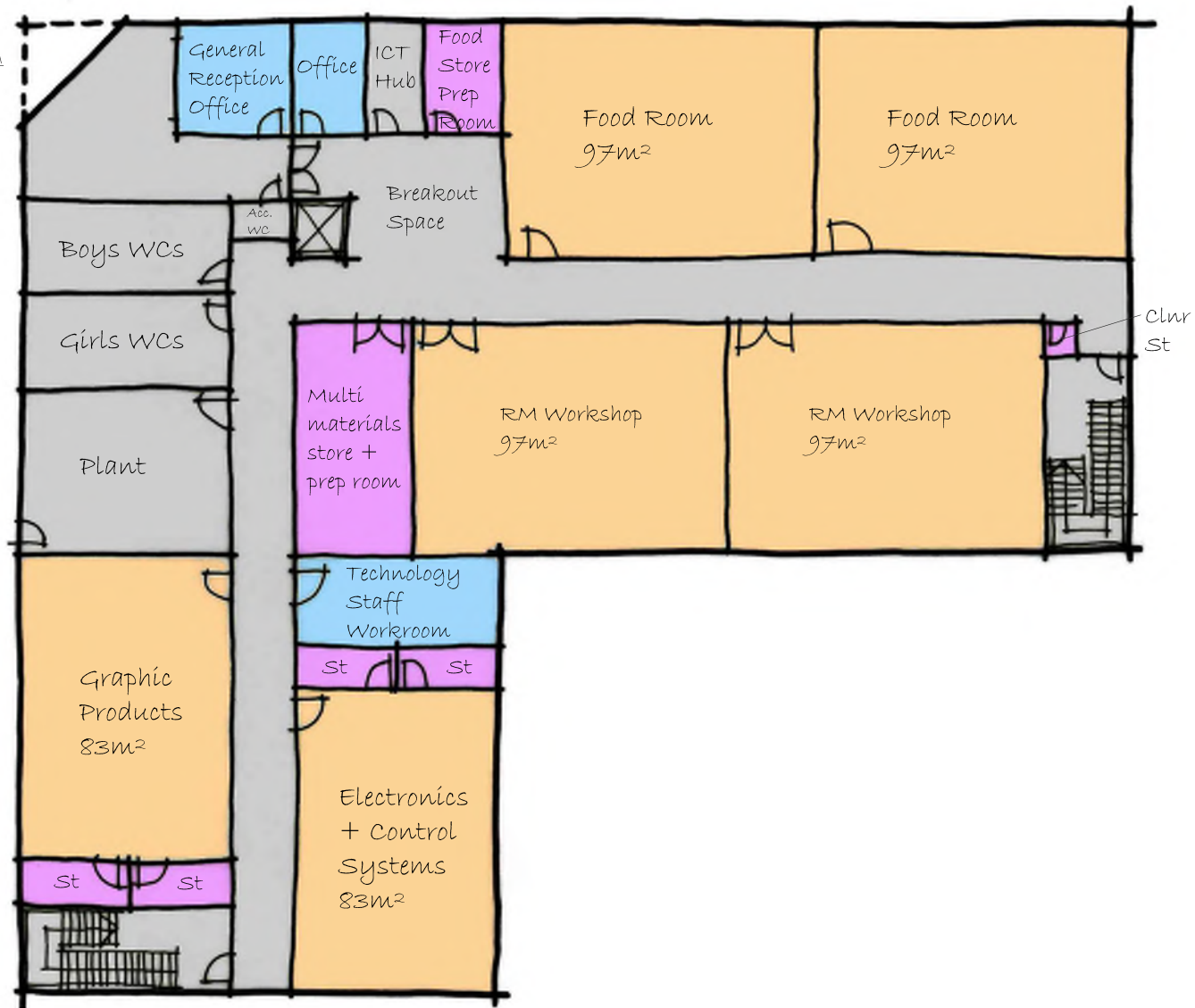
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job no: **C4644** dng no: **SK01102020-007**

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T: +44 (0)24 7652 7600 E: info@idpgroup.com
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Main
Entrance





3 Groundsure Report

HINCKLEY ACADEMY & JOHN CLEVELAND SIXTH FORM CENTRE, JOHN CLEVELAND COLLEGE, BUTT LANE, HINCKLEY, LE10 1LE

Order Details

Date: 09/07/2021
Your ref: 7002375_-_B030162_Hinckley
Our Ref: GS-8028837
Client: WYG

Site Details

Location: 443903 294411
Area: 11.97 ha
Authority: [Hinckley and Bosworth Borough Council](#)



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Summary of findings

p. 2

Aerial image

p. 8

OS MasterMap site plan

N/A: >10ha

groundsure.com/insightuserguide

Contact us with any questions at:

info@groundsure.com

08444 159 000

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
12	1.1	<u>Historical industrial land uses</u>	4	0	7	23	-
14	1.2	<u>Historical tanks</u>	0	0	0	5	-
14	1.3	<u>Historical energy features</u>	1	0	3	5	-
15	1.4	Historical petrol stations	0	0	0	0	-
15	1.5	<u>Historical garages</u>	0	0	0	3	-
16	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
17	2.1	<u>Historical industrial land uses</u>	7	0	13	38	-
20	2.2	<u>Historical tanks</u>	0	0	0	7	-
20	2.3	<u>Historical energy features</u>	1	0	5	11	-
21	2.4	Historical petrol stations	0	0	0	0	-
21	2.5	<u>Historical garages</u>	0	0	0	5	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
23	3.1	<u>Active or recent landfill</u>	0	0	1	0	-
24	3.2	Historical landfill (BGS records)	0	0	0	0	-
24	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
24	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
24	3.5	Historical waste sites	0	0	0	0	-
24	3.6	<u>Licensed waste sites</u>	0	0	1	3	-
26	3.7	<u>Waste exemptions</u>	0	0	1	6	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
27	4.1	<u>Recent industrial land uses</u>	1	2	3	-	-
28	4.2	<u>Current or recent petrol stations</u>	0	0	0	2	-
28	4.3	Electricity cables	0	0	0	0	-
28	4.4	Gas pipelines	0	0	0	0	-
29	4.5	Sites determined as Contaminated Land	0	0	0	0	-

29	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
29	4.7	Regulated explosive sites	0	0	0	0	-
29	4.8	Hazardous substance storage/usage	0	0	0	0	-
29	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
30	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
30	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	0	3	-
30	4.12	Radioactive Substance Authorisations	0	0	0	0	-
31	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	1	2	-
31	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
31	4.15	Pollutant release to public sewer	0	0	0	0	-
32	4.16	List 1 Dangerous Substances	0	0	0	0	-
32	4.17	List 2 Dangerous Substances	0	0	0	0	-
32	4.18	Pollution Incidents (EA/NRW)	0	0	0	0	-
32	4.19	Pollution inventory substances	0	0	0	0	-
32	4.20	Pollution inventory waste transfers	0	0	0	0	-
33	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
34	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
36	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
38	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
40	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
40	5.5	Groundwater vulnerability- local information	None (within 0m)				
41	5.6	<u>Groundwater abstractions</u>	0	0	0	1	25
47	5.7	<u>Surface water abstractions</u>	0	0	0	0	2
48	5.8	Potable abstractions	0	0	0	0	0
48	5.9	Source Protection Zones	0	0	0	0	-
48	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
49	6.1	<u>Water Network (OS MasterMap)</u>	0	0	5	-	-

50	6.2	<u>Surface water features</u>	0	0	5	-	-
50	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
51	6.4	<u>WFD Surface water bodies</u>	0	0	0	-	-
51	6.5	<u>WFD Groundwater bodies</u>	2	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
52	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	None (within 50m)				
52	7.2	Historical Flood Events	0	0	0	-	-
52	7.3	Flood Defences	0	0	0	-	-
52	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
53	7.5	Flood Storage Areas	0	0	0	-	-
54	7.6	Flood Zone 2	None (within 50m)				
54	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
55	8.1	Surface water flooding	Negligible (within 50m)				
Page	Section	Groundwater flooding					
56	9.1	<u>Groundwater flooding</u>	Moderate (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
57	10.1	<u>Sites of Special Scientific Interest (SSSI)</u>	0	0	0	0	1
58	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
58	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
58	10.4	Special Protection Areas (SPA)	0	0	0	0	0
58	10.5	National Nature Reserves (NNR)	0	0	0	0	0
59	10.6	<u>Local Nature Reserves (LNR)</u>	0	0	0	1	0
59	10.7	<u>Designated Ancient Woodland</u>	0	0	0	1	3
59	10.8	Biosphere Reserves	0	0	0	0	0
60	10.9	Forest Parks	0	0	0	0	0
60	10.10	Marine Conservation Zones	0	0	0	0	0
60	10.11	Green Belt	0	0	0	0	0
60	10.12	Proposed Ramsar sites	0	0	0	0	0

60	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
61	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
61	10.15	Nitrate Sensitive Areas	0	0	0	0	0
61	10.16	<u>Nitrate Vulnerable Zones</u>	2	0	1	0	5
63	10.17	<u>SSSI Impact Risk Zones</u>	2	-	-	-	-
64	10.18	<u>SSSI Units</u>	0	0	0	0	5
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
67	11.1	World Heritage Sites	0	0	0	-	-
67	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
67	11.3	National Parks	0	0	0	-	-
67	11.4	Listed Buildings	0	0	0	-	-
68	11.5	Conservation Areas	0	0	0	-	-
68	11.6	Scheduled Ancient Monuments	0	0	0	-	-
68	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
69	12.1	<u>Agricultural Land Classification</u>	Grade 3a (within 250m)				
70	12.2	Open Access Land	0	0	0	-	-
70	12.3	Tree Felling Licences	0	0	0	-	-
70	12.4	Environmental Stewardship Schemes	0	0	0	-	-
71	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
72	13.1	<u>Priority Habitat Inventory</u>	0	0	1	-	-
73	13.2	<u>Habitat Networks</u>	0	0	1	-	-
73	13.3	Open Mosaic Habitat	0	0	0	-	-
73	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
74	14.1	<u>10k Availability</u>	Identified (within 500m)				
75	14.2	<u>Artificial and made ground (10k)</u>	0	0	2	1	-
76	14.3	<u>Superficial geology (10k)</u>	2	1	0	5	-

77	14.4	Landslip (10k)	0	0	0	0	-
78	14.5	<u>Bedrock geology (10k)</u>	1	0	0	3	-
79	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
80	15.1	<u>50k Availability</u>	Identified (within 500m)				
81	15.2	Artificial and made ground (50k)	0	0	0	0	-
81	15.3	Artificial ground permeability (50k)	0	0	-	-	-
82	15.4	<u>Superficial geology (50k)</u>	2	0	1	2	-
83	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
83	15.6	Landslip (50k)	0	0	0	0	-
83	15.7	Landslip permeability (50k)	None (within 50m)				
84	15.8	<u>Bedrock geology (50k)</u>	1	0	0	0	-
85	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
85	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
86	16.1	<u>BGS Boreholes</u>	12	0	1	-	-
Page	Section	Natural ground subsidence					
88	17.1	<u>Shrink swell clays</u>	Low (within 50m)				
89	17.2	<u>Running sands</u>	Very low (within 50m)				
90	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
91	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
92	17.5	<u>Landslides</u>	Low (within 50m)				
94	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
95	18.1	Natural cavities	0	0	0	0	-
96	18.2	BritPits	0	0	0	0	-
96	18.3	<u>Surface ground workings</u>	7	0	14	-	-
97	18.4	Underground workings	0	0	0	0	0
97	18.5	Historical Mineral Planning Areas	0	0	0	0	-



97	18.6	Non-coal mining	0	0	0	0	0
98	18.7	Mining cavities	0	0	0	0	0
98	18.8	JPB mining areas	None (within 0m)				
98	18.9	Coal mining	None (within 0m)				
98	18.10	Brine areas	None (within 0m)				
98	18.11	Gypsum areas	None (within 0m)				
99	18.12	Tin mining	None (within 0m)				
99	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
100	19.1	Radon	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
101	20.1	BGS Estimated Background Soil Chemistry	7	7	-	-	-
102	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
102	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
103	21.1	Underground railways (London)	0	0	0	-	-
103	21.2	Underground railways (Non-London)	0	0	0	-	-
104	21.3	Railway tunnels	0	0	0	-	-
104	21.4	Historical railway and tunnel features	0	0	0	-	-
104	21.5	Royal Mail tunnels	0	0	0	-	-
104	21.6	Historical railways	0	0	0	-	-
104	21.7	Railways	0	0	4	-	-
105	21.8	Crossrail 1	0	0	0	0	-
105	21.9	Crossrail 2	0	0	0	0	-
105	21.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 16/04/2020

Site Area: 11.97ha



Recent site history - 2017 aerial photograph



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Capture Date: 13/08/2017

Site Area: 11.97ha



Recent site history - 2008 aerial photograph



Capture Date: 20/09/2008

Site Area: 11.97ha



Recent site history - 1999 aerial photograph

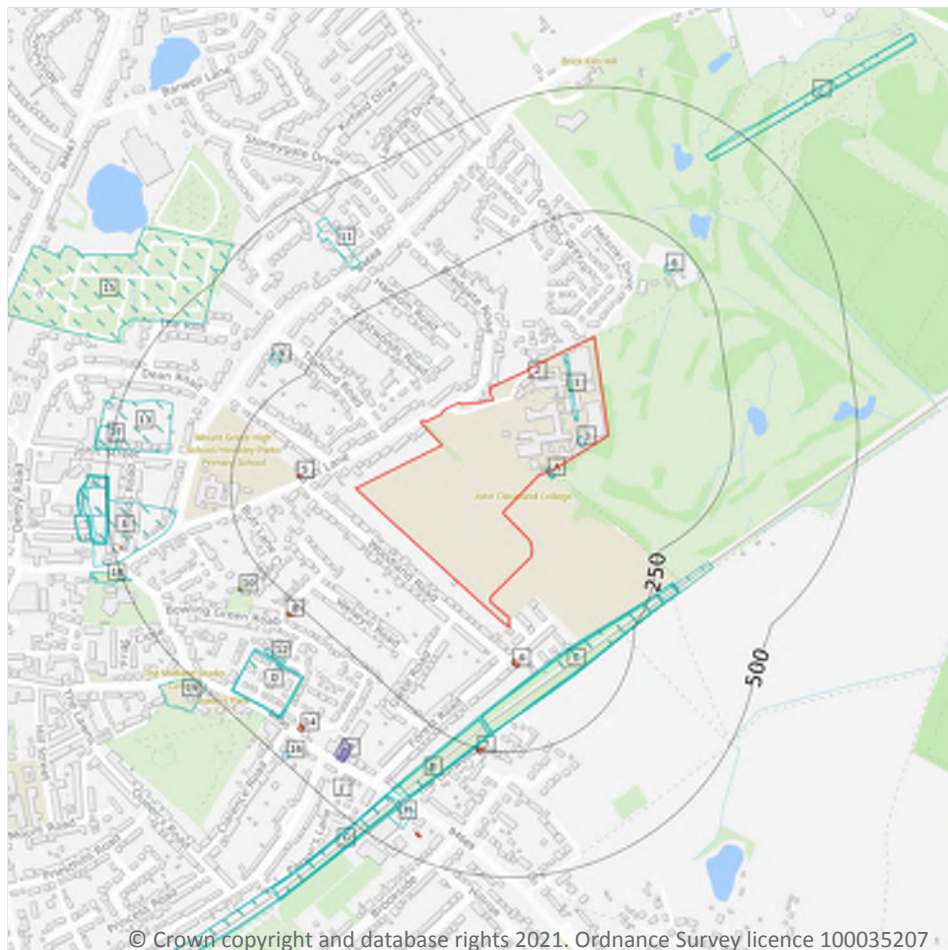


Capture Date: 05/10/1999

Site Area: 11.97ha



1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

1.1 Historical industrial land uses

Records within 500m

34

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 12**

ID	Location	Land use	Dates present	Group ID
1	On site	Unspecified Ground Workings	1968 - 1977	1819201



ID	Location	Land use	Dates present	Group ID
3	On site	Unspecified Heap	1968 - 1977	1843808
A	On site	Filter Bed	1923 - 1938	1831673
A	On site	Filter Bed	1950	1840310
B	103m SE	Cuttings	1968 - 1983	1783418
C	106m SE	Cuttings	1901 - 1938	1803985
B	107m SE	Cuttings	1950	1847178
C	109m SE	Cuttings	1886	1797240
6	192m NE	Unspecified Pit	1886	1777081
B	194m S	Cuttings	1901 - 1938	1797383
B	195m S	Cuttings	1886	1844814
9	291m NW	Unspecified Pit	1886	1777079
11	333m NW	Nursery	1968 - 1983	1789799
D	348m SW	Unspecified Workhouse	1886 - 1901	1806366
12	349m SW	Unspecified Ground Workings	1968 - 1983	1832619
D	350m SW	Infirmary	1923 - 1938	1787754
D	354m SW	Infirmary	1950	1847305
E	361m W	Water Works	1901	1848067
13	382m W	Hat Manufactory	1923	1850861
G	411m SW	Cuttings	1901 - 1938	1831957
H	413m SW	Unspecified Depot	1968	1763797
G	415m SW	Cuttings	1886	1832308
I	422m NE	Rifle Range	1901 - 1938	1791754
I	423m NE	Rifle Range	1886	1795053
15	447m NW	Cemetery	1968 - 1983	1781950
16	477m SW	Unspecified Pit	1886	1777098
17	484m W	Hat Manufactory	1938 - 1950	1833569
18	485m W	Fire Station	1938	1750874
19	492m SW	Fire Station	1938	1786692

ID	Location	Land use	Dates present	Group ID
E	495m W	Unspecified Works	1968	1771281
E	495m W	Unspecified Heap	1968 - 1977	1799039
E	495m W	Water Works	1938 - 1950	1809032
E	497m W	Water Works	1923	1819899
E	499m W	Unspecified Heap	1950	1834113

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

5

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 12**

ID	Location	Land use	Dates present	Group ID
10	305m SW	Unspecified Tank	1960 - 1969	301534
J	476m SW	Unspecified Tank	1972	301200
J	476m SW	Unspecified Tank	1961	290127
J	476m SW	Unspecified Tank	1960	293272
J	477m SW	Unspecified Tank	1988	295837

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

9

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 12**



ID	Location	Land use	Dates present	Group ID
2	On site	Gas Valve House	1993	171375
4	64m S	Electricity Substation	1973	169728
5	112m W	Electricity Substation	1973	169729
7	246m S	Electricity Substation	1972 - 1993	186014
8	272m SW	Electricity Substation	1987 - 1997	177630
14	420m SW	Electricity Substation	1972 - 1993	180456
H	452m SW	Electricity Substation	1993	184556
H	452m SW	Electricity Substation	1972 - 1988	181878
E	483m W	Electricity Substation	1995 - 1997	173945

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

3

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 12**

ID	Location	Land use	Dates present	Group ID
F	383m SW	Garage	1961 - 1972	59139
F	384m SW	Garage	1988 - 1993	59461



ID	Location	Land use	Dates present	Group ID
F	397m SW	Garage	1960	55445

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

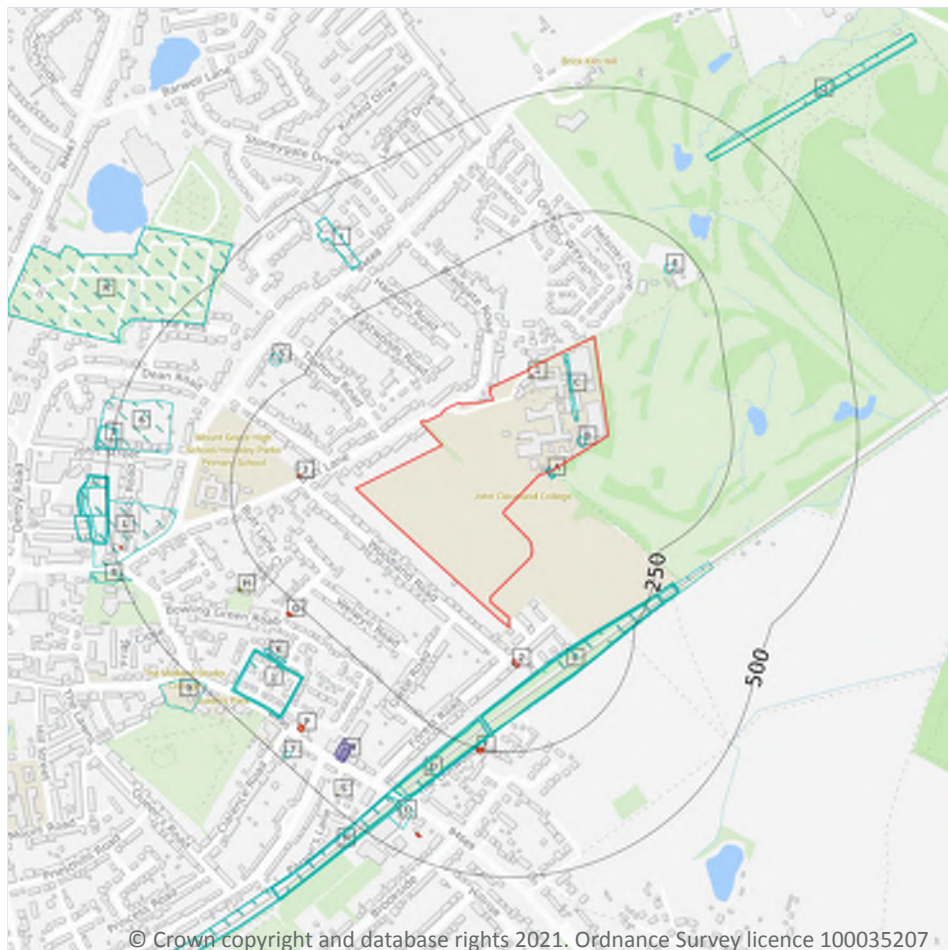
Records within 500m

0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.

2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

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2.1 Historical industrial land uses

Records within 500m

58

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 17**

ID	Location	Land Use	Date	Group ID
A	On site	Filter Bed	1923	1831673
A	On site	Filter Bed	1938	1831673
A	On site	Filter Bed	1950	1840310

ID	Location	Land Use	Date	Group ID
B	On site	Unspecified Heap	1977	1843808
B	On site	Unspecified Heap	1968	1843808
C	On site	Unspecified Ground Workings	1977	1819201
C	On site	Unspecified Ground Workings	1968	1819201
D	103m SE	Cuttings	1977	1783418
D	103m SE	Cuttings	1983	1783418
D	103m SE	Cuttings	1968	1783418
E	106m SE	Cuttings	1938	1803985
E	106m SE	Cuttings	1923	1803985
D	107m SE	Cuttings	1950	1847178
E	109m SE	Cuttings	1901	1803985
E	109m SE	Cuttings	1886	1797240
4	192m NE	Unspecified Pit	1886	1777081
D	194m S	Cuttings	1938	1797383
D	194m S	Cuttings	1923	1797383
D	195m S	Cuttings	1886	1844814
D	196m S	Cuttings	1901	1797383
5	291m NW	Unspecified Pit	1886	1777079
I	333m NW	Nursery	1977	1789799
I	333m NW	Nursery	1983	1789799
I	333m NW	Nursery	1968	1789799
J	348m SW	Unspecified Workhouse	1886	1806366
K	349m SW	Unspecified Ground Workings	1977	1832619
K	349m SW	Unspecified Ground Workings	1983	1832619
K	349m SW	Unspecified Ground Workings	1968	1832619
J	350m SW	Infirmary	1938	1787754
J	351m SW	Infirmary	1923	1787754
J	352m SW	Unspecified Workhouse	1901	1806366



ID	Location	Land Use	Date	Group ID
J	354m SW	Infirmery	1950	1847305
L	361m W	Water Works	1901	1848067
6	382m W	Hat Manufactory	1923	1850861
N	411m SW	Cuttings	1938	1831957
N	411m SW	Cuttings	1901	1831957
N	411m SW	Cuttings	1923	1831957
O	413m SW	Unspecified Depot	1968	1763797
N	415m SW	Cuttings	1886	1832308
Q	422m NE	Rifle Range	1901	1791754
Q	422m NE	Rifle Range	1923	1791754
Q	422m NE	Rifle Range	1938	1791754
Q	423m NE	Rifle Range	1886	1795053
R	447m NW	Cemetery	1977	1781950
R	447m NW	Cemetery	1983	1781950
R	447m NW	Cemetery	1968	1781950
7	477m SW	Unspecified Pit	1886	1777098
T	484m W	Hat Manufactory	1938	1833569
8	485m W	Fire Station	1938	1750874
T	488m W	Hat Manufactory	1950	1833569
9	492m SW	Fire Station	1938	1786692
L	495m W	Unspecified Works	1968	1771281
L	495m W	Unspecified Heap	1977	1799039
L	495m W	Unspecified Heap	1968	1799039
L	495m W	Water Works	1938	1809032
L	497m W	Water Works	1923	1819899
L	499m W	Water Works	1950	1809032
L	499m W	Unspecified Heap	1950	1834113

This data is sourced from Ordnance Survey / Groundsure.



2.2 Historical tanks

Records within 500m

7

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 17**

ID	Location	Land Use	Date	Group ID
H	305m SW	Unspecified Tank	1960	301534
H	306m SW	Unspecified Tank	1960	301534
H	306m SW	Unspecified Tank	1969	301534
S	476m SW	Unspecified Tank	1972	301200
S	476m SW	Unspecified Tank	1961	290127
S	476m SW	Unspecified Tank	1960	293272
S	477m SW	Unspecified Tank	1988	295837

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

17

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 17**

ID	Location	Land Use	Date	Group ID
1	On site	Gas Valve House	1993	171375
2	64m S	Electricity Substation	1973	169728
3	112m W	Electricity Substation	1973	169729
F	246m S	Electricity Substation	1972	186014
F	246m S	Electricity Substation	1988	186014
F	246m S	Electricity Substation	1993	186014
G	272m SW	Electricity Substation	1997	177630



ID	Location	Land Use	Date	Group ID
G	272m SW	Electricity Substation	1995	177630
G	272m SW	Electricity Substation	1987	177630
P	420m SW	Electricity Substation	1972	180456
P	420m SW	Electricity Substation	1988	180456
P	421m SW	Electricity Substation	1993	180456
O	452m SW	Electricity Substation	1993	184556
O	452m SW	Electricity Substation	1988	181878
O	452m SW	Electricity Substation	1972	181878
L	483m W	Electricity Substation	1997	173945
L	483m W	Electricity Substation	1995	173945

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

5

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 17**

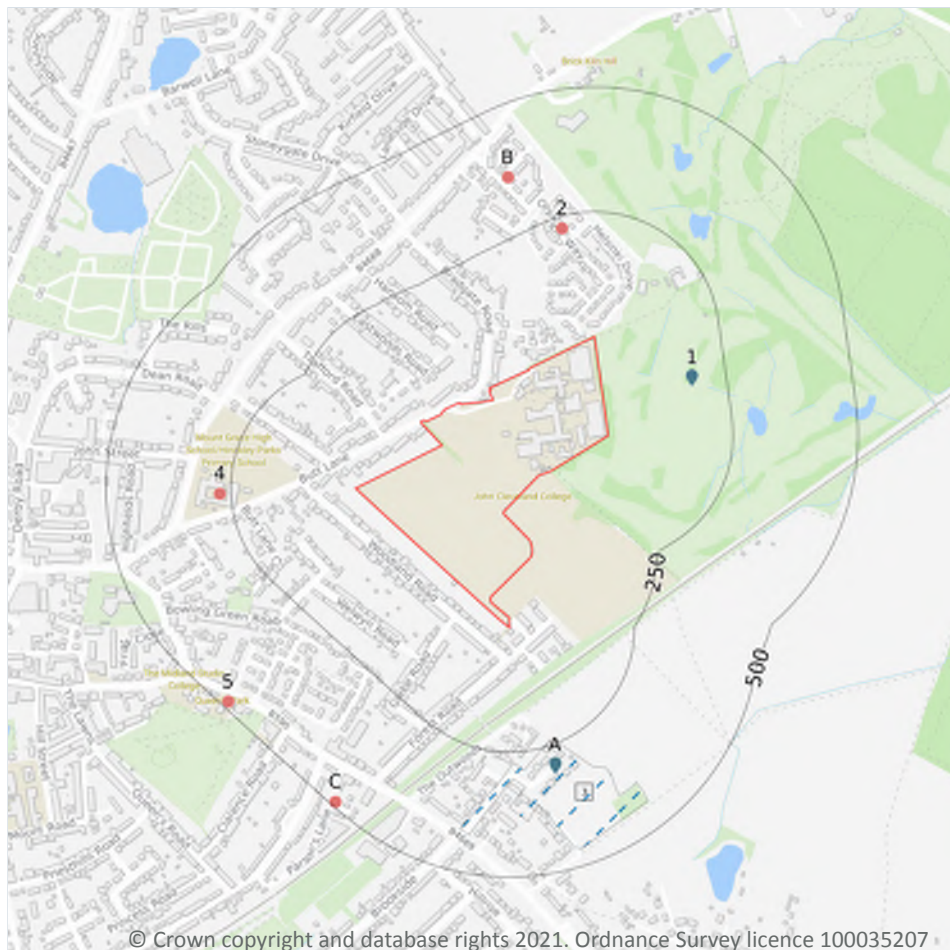
ID	Location	Land Use	Date	Group ID
M	383m SW	Garage	1972	59139
M	383m SW	Garage	1961	59139
M	384m SW	Garage	1993	59461

ID	Location	Land Use	Date	Group ID
M	387m SW	Garage	1988	59461
M	397m SW	Garage	1960	55445

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Active or recent landfill
- ◆ Licensed waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

1

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on **page 23**

ID	Location	Details	
3	237m S	Operator: F E Downes Ltd Site Address: Burbage, Off Elm Tree Drive, Burbage, Hinckley, Leicestershire, LE10 2TX	WML Number: 43331 EPR Reference: DOW001 Landfill type: A06: Landfill taking other wastes Status: Closure IPPC Reference: - EPR Number: EA/EPR/NP3693CQ/A001

This data is sourced from the Environment Agency and Natural Resources Wales.



3.2 Historical landfill (BGS records)

Records within 500m**0**

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m**0**

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m**0**

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m**0**

Waste site records derived from Local Authority planning records and high detail historical mapping.

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m**4**

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on **page 23**

ID	Location	Details		
1	181m E	Site Name: Hinckley Golf Club Site Address: Hinckley Golf Club, Leicester Road, Hinckley, Leicestershire, LE10 3DR Correspondence Address: -	Type of Site: Use of waste in construction 100,000 tps Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HGC002 EPR reference: EA/EPR/AB3207CY/S002 Operator: Hinckley Golf Club Limited Waste Management licence No: 400476 Annual Tonnage: 0	Issue Date: 30/07/2013 Effective Date: - Modified: - Surrendered Date: Sep 5 2016 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered
A	290m S	Site Name: F E Downes Ltd Site Address: Burbage, Off Elm Tree Drive, Burbage, Hinckley, Leicestershire, LE10 2TX Correspondence Address: Stockwell Head, Hinckley, Leicestershire, LE10 1RG	Type of Site: Landfill taking other wastes Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: DOW001 EPR reference: - Operator: F E Downes Ltd Waste Management licence No: 43331 Annual Tonnage: 0	Issue Date: 24/11/1989 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
A	290m S	Site Name: F E Downes Ltd Site Address: Burbage, Off Elm Tree Drive, Burbage, Hinckley, Leicestershire, LE10 2TX Correspondence Address: -	Type of Site: Landfill taking other wastes Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: DOW001 EPR reference: EA/EPR/NP3693CQ/A001 Operator: F E Downes Ltd Waste Management licence No: 43331 Annual Tonnage: 150000	Issue Date: 24/11/1989 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure
A	290m S	Site Name: F E Downes Ltd Site Address: Burbage, Off Elm Tree Drive, Burbage, Hinckley, Leicestershire, LE10 2TX Correspondence Address: -	Type of Site: Landfill taking other wastes Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: DOW001 EPR reference: EA/EPR/NP3693CQ/A001 Operator: F E Downes Ltd Waste Management licence No: 43331 Annual Tonnage: 150000	Issue Date: 24/11/1989 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure



This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m

7

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

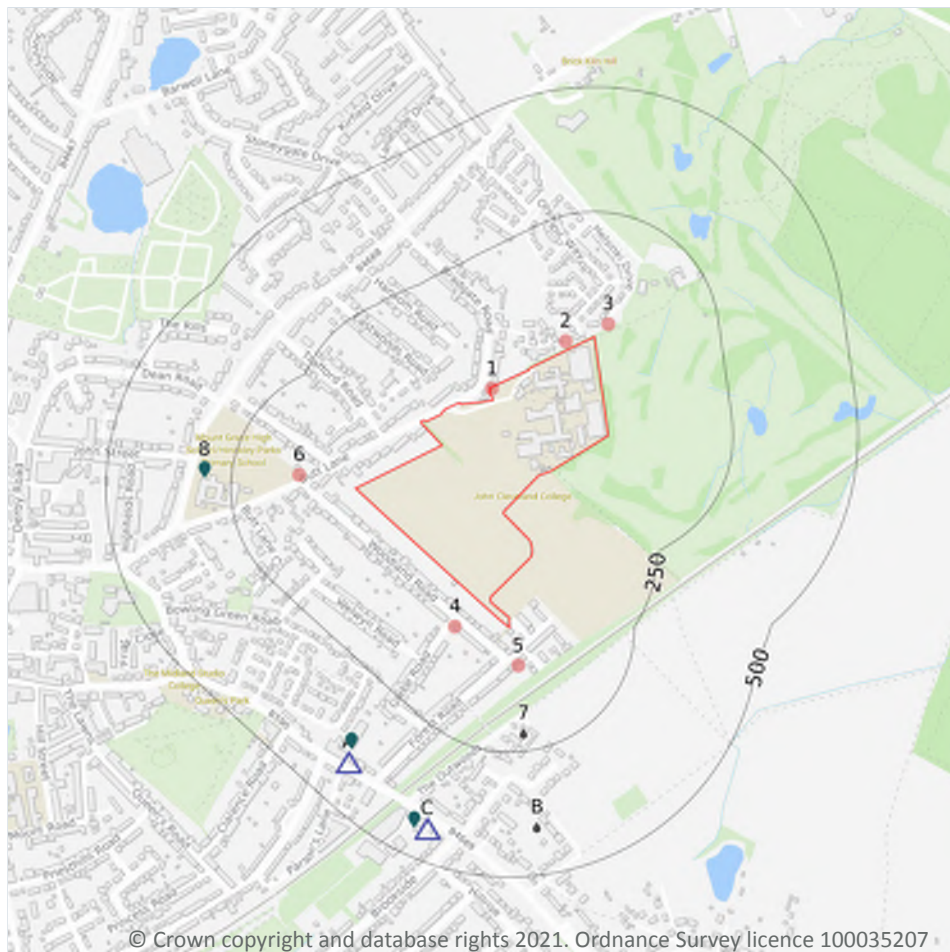
Features are displayed on the Waste and landfill map on **page 23**

ID	Location	Site	Reference	Category	Sub-Category	Description
2	226m N	Milestone Livery Yard, Leicester Road, Hinckley, LE101ES	WEX044012	Using waste exemption	On a farm	Spreading waste on non- agricultural land to confer benefit
4	272m W	LEICESTER ROAD, HINCKLEY, LE10 1LP	WEX221742	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
B	362m NW	Bellway Homes Limited East Midlands Workhouse Lane Leicester Leicestershire LE10 2JW	EPR/KE5247L M/A001	Treating waste exemption	Non- Agricultural Waste Only	Screening and blending of waste
B	362m NW	Bellway Homes Limited East Midlands Workhouse Lane Leicester Leicestershire LE10 2JW	EPR/KE5247L M/A001	Using waste exemption	Non- Agricultural Waste Only	Use of waste in construction
5	489m SW	67, LONDON ROAD, HINCKLEY, LE10 1HH	WEX164948	Treating waste exemption	Not on a Farm	Sorting and de-naturing of controlled drugs for disposal
C	492m SW	MISTRAL HOUSE Parsons Lane Hinckley Leicestershire LE10 1XT	EPR/EF0739DP /A001	Disposing of waste exemption	Non- Agricultural Waste Only	Depositing samples of waste for the purposes of testing or analysing them
C	492m SW	MISTRAL HOUSE Parsons Lane Hinckley Leicestershire LE10 1XT	EPR/EF0739DP /A001	Treating waste exemption	Non- Agricultural Waste Only	Treatment of waste toner cartridges by sorting, dismantling, cleaning or refilling

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- △ Current or recent petrol stations
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters

4.1 Recent industrial land uses

Records within 250m

6

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 27**

ID	Location	Company	Address	Activity	Category
1	On site	Electricity Sub Station	Leicestershire, LE10	Electrical Features	Infrastructure and Facilities
2	17m NW	Pumping Station	Leicestershire, LE10	Water Pumping Stations	Industrial Features
3	37m NE	Pumping Station	Leicestershire, LE10	Water Pumping Stations	Industrial Features

ID	Location	Company	Address	Activity	Category
4	69m SW	General Diagnostic	23, Woodland Road, Hinckley, Leicestershire, LE10 1JF	Special Purpose Machinery and Equipment	Industrial Products
5	79m S	Electricity Sub Station	Leicestershire, LE10	Electrical Features	Infrastructure and Facilities
6	116m W	Electricity Sub Station	Leicestershire, LE10	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

2

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 27**

ID	Location	Company	Address	LPG	Status
A	416m SW	GULF	60, London Road, Hinckley, Leicestershire, LE10 1HL	No	Open
C	436m S	ESSO	Burbage Road, Lash Hill, Hinckley, Leicestershire, LE10 2TP	No	Open

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.



4.5 Sites determined as Contaminated Land

Records within 500m**0**

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m**0**

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m**0**

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m**0**

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m**0**

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m

3

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 27**

ID	Location	Address	Details	
8	305m W	Leicester Rd Service Station, Leicester Rd, Sharnford, Hinckley, LE10 1LS	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
A	378m SW	Research Garage, London Road, Hinckley, LE10 1HL	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
C	430m SW	Burbage Road Service Station, Burbage Road, Burbage, LE10 2TP	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m

0

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m

3

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 27**

ID	Location	Address	Details	
7	214m S	THE COURTYARD, THE OUTWOODS, BURBAGE, LEICESTERSHIRE, LE10 2UD	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRCB3590VR Permit Version: 1 Receiving Water: GROUNDWATER VIA AN INFILTRATIO	Status: NEW ISSUED UNDER EPR 2010 Issue date: 03/06/2015 Effective Date: 03/06/2015 Revocation Date: -
B	404m S	3 HOUSES REAR OF WOODBEACH STP, WOODBEACH, WOODGATE ROAD, BURBAGE, LEICESTERSHIRE, LE10 2UF	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/50/45849/SG Permit Version: 1 Receiving Water: LAND	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 15/10/2003 Effective Date: 15/10/2003 Revocation Date: 13/12/2011
B	404m S	3 HOUSES REAR OF WOODBEACH STP, WOODBEACH, WOODGATE ROAD, BURBAGE, LEICESTERSHIRE, LE10 2UF	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/50/45849/SG Permit Version: 2 Receiving Water: LAND	Status: VARIED UNDER EPR 2010 Issue date: 14/12/2011 Effective Date: 14/12/2011 Revocation Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to public sewer

Records within 500m

0

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.



4.16 List 1 Dangerous Substances

Records within 500m**0**

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m**0**

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m**0**

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m**0**

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m**0**

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory radioactive waste

Records within 500m

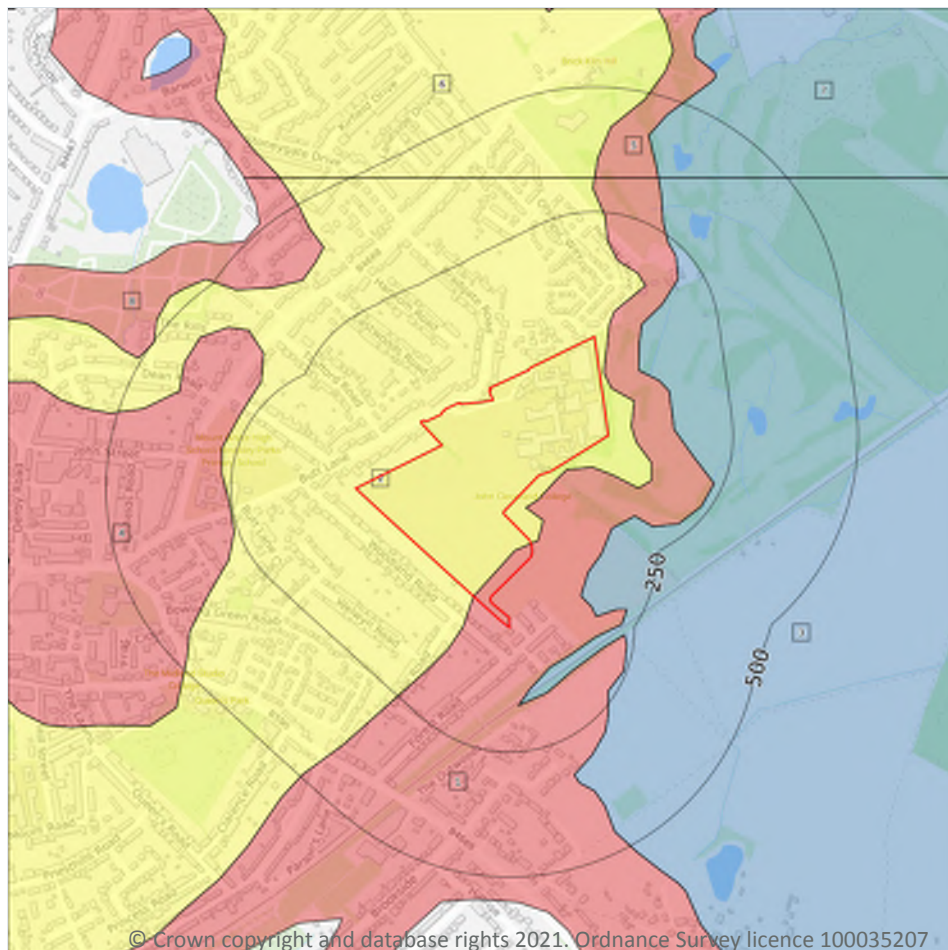
0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.



5 Hydrogeology - Superficial aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive
 - Unknown

5.1 Superficial aquifer

Records within 500m

8

Aquifer status of groundwater held within superficial geology.

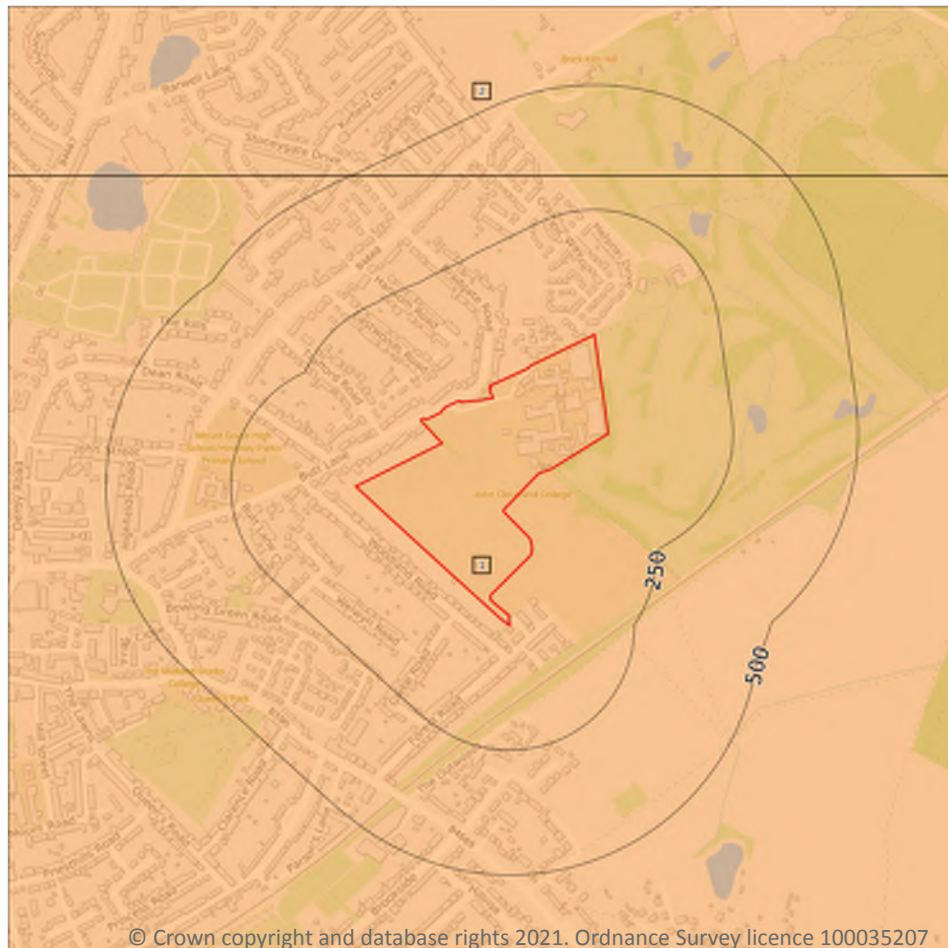
Features are displayed on the Hydrogeology map on **page 34**

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
3	79m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	254m W	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
5	318m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
6	318m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
7	343m N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
8	369m NW	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Bedrock aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

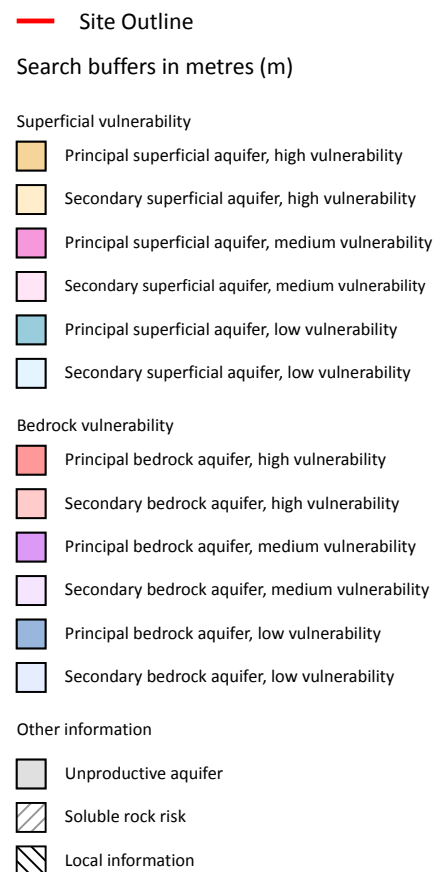
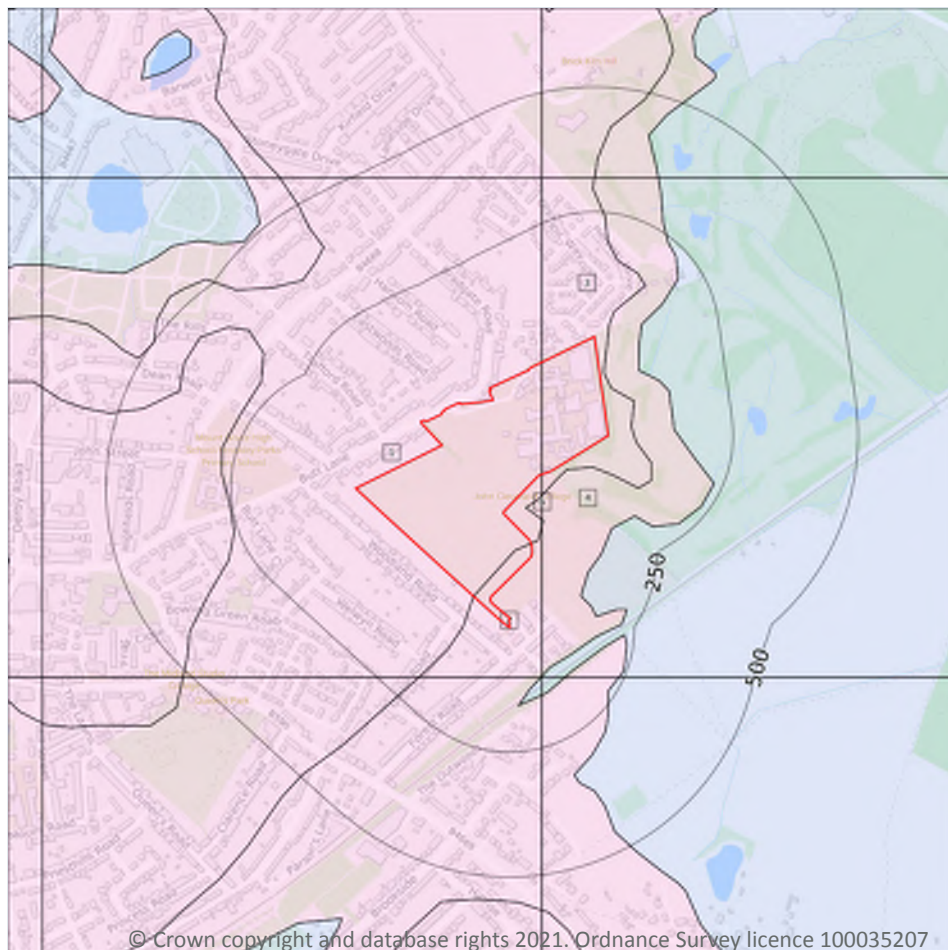
Features are displayed on the Bedrock aquifer map on **page 36**

ID	Location	Designation	Description
1	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers
2	318m N	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

6

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 38**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
3	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
4	8m E	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
A	26m SE	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
A	37m NE	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

5.5 Groundwater vulnerability- local information

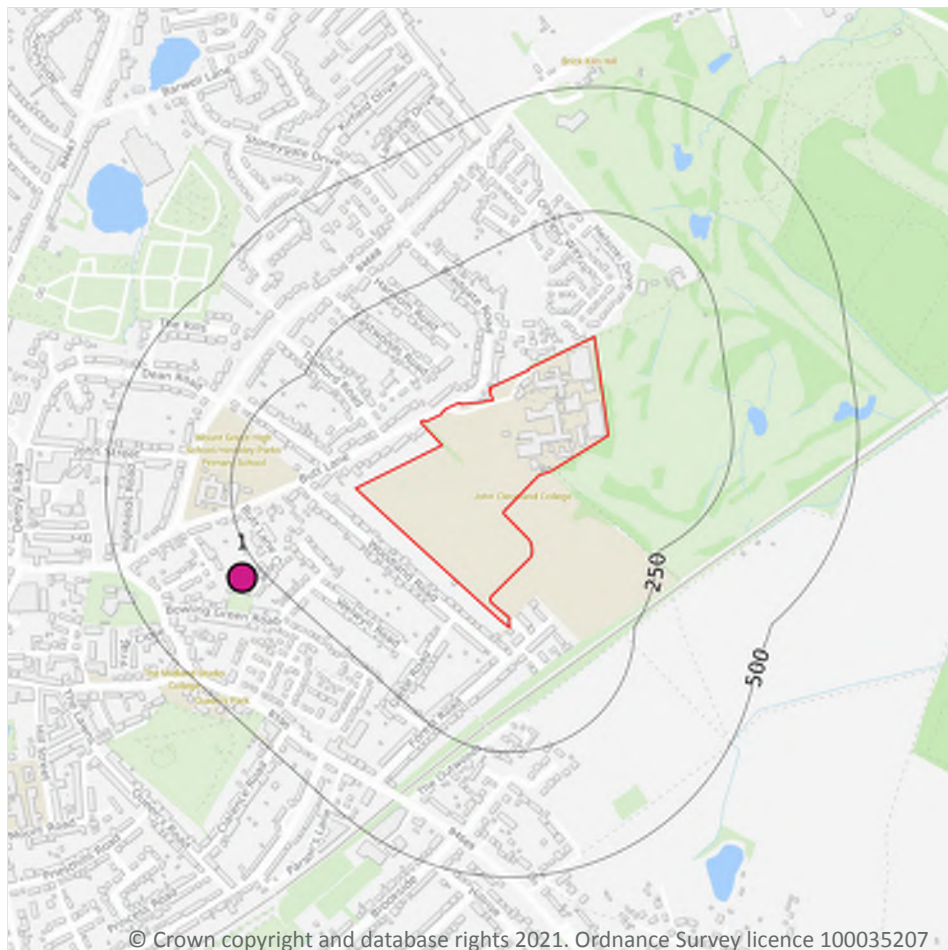
Records on site

0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk.

This data is sourced from the British Geological Survey and the Environment Agency.

Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

26

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 41**

ID	Location	Details	
1	288m SW	Status: Historical Licence No: 03/28/19/0027 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: HINCKLEY BOWLING CLUB - BOREHOLE Data Type: Point Name: HINCKLEY BOWLING CLUB Easting: 443400 Northing: 294200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/01/1966 Version End Date: -
-	1449m NW	Status: Historical Licence No: 03/28/20/0068 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: LOWER SUNNYSIDE FARM, WELL Data Type: Point Name: DENSON Easting: 442800 Northing: 295600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 24/02/1966 Version End Date: -
-	1482m NE	Status: Historical Licence No: 03/28/50/0140 Details: Spray Irrigation - Storage Direct Source: Groundwater Midlands Region Point: HINCKLEY UTD FC-BOREHOLE Data Type: Point Name: HINCKLEY UNITED FOOTBALL CLUB LIMITED Easting: 444950 Northing: 295900	Annual Volume (m ³): 20000 Max Daily Volume (m ³): 108 Original Application No: - Original Start Date: 24/01/2005 Expiry Date: 31/03/2013 Issue No: 2 Version Start Date: 13/03/2005 Version End Date: -
-	1664m SW	Status: Historical Licence No: MD/028/0019/005 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CBH123 Data Type: Point Name: Celtic Technologies Limited Easting: 442128 Northing: 293655	Annual Volume (m ³): 31799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 28/05/2012 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 28/05/2012 Version End Date: -
-	1664m SW	Status: Active Licence No: MD/028/0019/005/R01 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CBH123 Data Type: Point Name: Celtic Technologies Limited Easting: 442128 Northing: 293655	Annual Volume (m ³): 31,799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -

ID	Location	Details	
-	1664m SW	Status: Historical Licence No: MD/028/0019/005 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CBH122 Data Type: Point Name: Celtic Technologies Limited Easting: 442126 Northing: 293659	Annual Volume (m ³): 31799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 28/05/2012 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 28/05/2012 Version End Date: -
-	1664m SW	Status: Active Licence No: MD/028/0019/005/R01 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CBH122 Data Type: Point Name: Celtic Technologies Limited Easting: 442126 Northing: 293659	Annual Volume (m ³): 31,799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
-	1668m SW	Status: Historical Licence No: MD/028/0019/005 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CBH121C Data Type: Point Name: Celtic Technologies Limited Easting: 442119 Northing: 293666	Annual Volume (m ³): 31799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 28/05/2012 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 28/05/2012 Version End Date: -
-	1668m SW	Status: Active Licence No: MD/028/0019/005/R01 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CBH121C Data Type: Point Name: Celtic Technologies Limited Easting: 442119 Northing: 293666	Annual Volume (m ³): 31,799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
-	1668m SW	Status: Historical Licence No: MD/028/0019/005 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CBH121B Data Type: Point Name: Celtic Technologies Limited Easting: 442117 Northing: 293670	Annual Volume (m ³): 31799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 28/05/2012 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 28/05/2012 Version End Date: -

ID	Location	Details	
-	1668m SW	Status: Active Licence No: MD/028/0019/005/R01 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CBH121B Data Type: Point Name: Celtic Technologies Limited Easting: 442117 Northing: 293670	Annual Volume (m ³): 31,799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
-	1669m SW	Status: Historical Licence No: MD/028/0019/005 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: DBH3 Data Type: Point Name: Celtic Technologies Limited Easting: 442115 Northing: 293672	Annual Volume (m ³): 31799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 28/05/2012 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 28/05/2012 Version End Date: -
-	1669m SW	Status: Active Licence No: MD/028/0019/005/R01 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: DBH3 Data Type: Point Name: Celtic Technologies Limited Easting: 442115 Northing: 293672	Annual Volume (m ³): 31,799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
-	1670m SW	Status: Historical Licence No: MD/028/0019/005 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: RBH6A Data Type: Point Name: Celtic Technologies Limited Easting: 442113 Northing: 293672	Annual Volume (m ³): 31799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 28/05/2012 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 28/05/2012 Version End Date: -
-	1670m SW	Status: Active Licence No: MD/028/0019/005/R01 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: RBH6A Data Type: Point Name: Celtic Technologies Limited Easting: 442113 Northing: 293672	Annual Volume (m ³): 31,799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -

ID	Location	Details	
-	1672m SW	Status: Historical Licence No: MD/028/0019/005 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: RBH5A Data Type: Point Name: Celtic Technologies Limited Easting: 442109 Northing: 293677	Annual Volume (m ³): 31799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 28/05/2012 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 28/05/2012 Version End Date: -
-	1672m SW	Status: Active Licence No: MD/028/0019/005/R01 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: RBH5A Data Type: Point Name: Celtic Technologies Limited Easting: 442109 Northing: 293677	Annual Volume (m ³): 31,799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
-	1676m SW	Status: Historical Licence No: MD/028/0019/005 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CBH118 Data Type: Point Name: Celtic Technologies Limited Easting: 442100 Northing: 293686	Annual Volume (m ³): 31799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 28/05/2012 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 28/05/2012 Version End Date: -
-	1676m SW	Status: Active Licence No: MD/028/0019/005/R01 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CBH118 Data Type: Point Name: Celtic Technologies Limited Easting: 442100 Northing: 293686	Annual Volume (m ³): 31,799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
-	1678m SW	Status: Historical Licence No: MD/028/0019/005 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CBH117C Data Type: Point Name: Celtic Technologies Limited Easting: 442095 Northing: 293694	Annual Volume (m ³): 31799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 28/05/2012 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 28/05/2012 Version End Date: -

ID	Location	Details	
-	1678m SW	Status: Active Licence No: MD/028/0019/005/R01 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CBH117C Data Type: Point Name: Celtic Technologies Limited Easting: 442095 Northing: 293694	Annual Volume (m ³): 31,799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
-	1678m SW	Status: Historical Licence No: MD/028/0019/005 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CHB116 Data Type: Point Name: Celtic Technologies Limited Easting: 442091 Northing: 293701	Annual Volume (m ³): 31799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 28/05/2012 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 28/05/2012 Version End Date: -
-	1678m SW	Status: Active Licence No: MD/028/0019/005/R01 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CHB116 Data Type: Point Name: Celtic Technologies Limited Easting: 442091 Northing: 293701	Annual Volume (m ³): 31,799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
-	1680m SW	Status: Historical Licence No: MD/028/0019/005 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CBH115C Data Type: Point Name: Celtic Technologies Limited Easting: 442087 Northing: 293706	Annual Volume (m ³): 31799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 28/05/2012 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 28/05/2012 Version End Date: -
-	1680m SW	Status: Active Licence No: MD/028/0019/005/R01 Details: Pollution Remediation Direct Source: Groundwater Midlands Region Point: CBH115C Data Type: Point Name: Celtic Technologies Limited Easting: 442087 Northing: 293706	Annual Volume (m ³): 31,799 Max Daily Volume (m ³): 87.12 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -

ID	Location	Details	
-	1686m NW	Status: Historical Licence No: 03/28/20/0065 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: SUNNYSIDE FARM, HINCKLEY - WELL Data Type: Point Name: J ADCOCK & SONS Easting: 442800 Northing: 295900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/03/1965 Expiry Date: - Issue No: 100 Version Start Date: 05/08/1994 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m

2

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 41**

ID	Location	Details	
-	1218m SW	Status: Historical Licence No: 03/28/19/0043 Details: Process Water Direct Source: Surface Water Midlands Region Point: RICHARD ROBERTS HOLDINGS LTD - TRIB OF SKETCHLEY BROOK Data Type: Point Name: RICHARD ROBERTS HOLDINGS LTD Easting: 443000 Northing: 293300	Annual Volume (m ³): 83105.4 Max Daily Volume (m ³): 280.94 Original Application No: - Original Start Date: 10/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 24/10/1978 Version End Date: -
-	1703m SW	Status: Historical Licence No: 03/28/19/0042 Details: Laundry Use Direct Source: Surface Water Midlands Region Point: SKETCHLEY LTD - SKETCHLEY BROOK Data Type: Point Name: JOHNSON TEXTILE SERVICES LTD Easting: 442500 Northing: 293100	Annual Volume (m ³): 772820 Max Daily Volume (m ³): 10910.4 Original Application No: - Original Start Date: 02/02/1971 Expiry Date: - Issue No: 101 Version Start Date: 22/06/2000 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.



5.8 Potable abstractions

Records within 2000m

0

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m

0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.10 Source Protection Zones (confined aquifer)

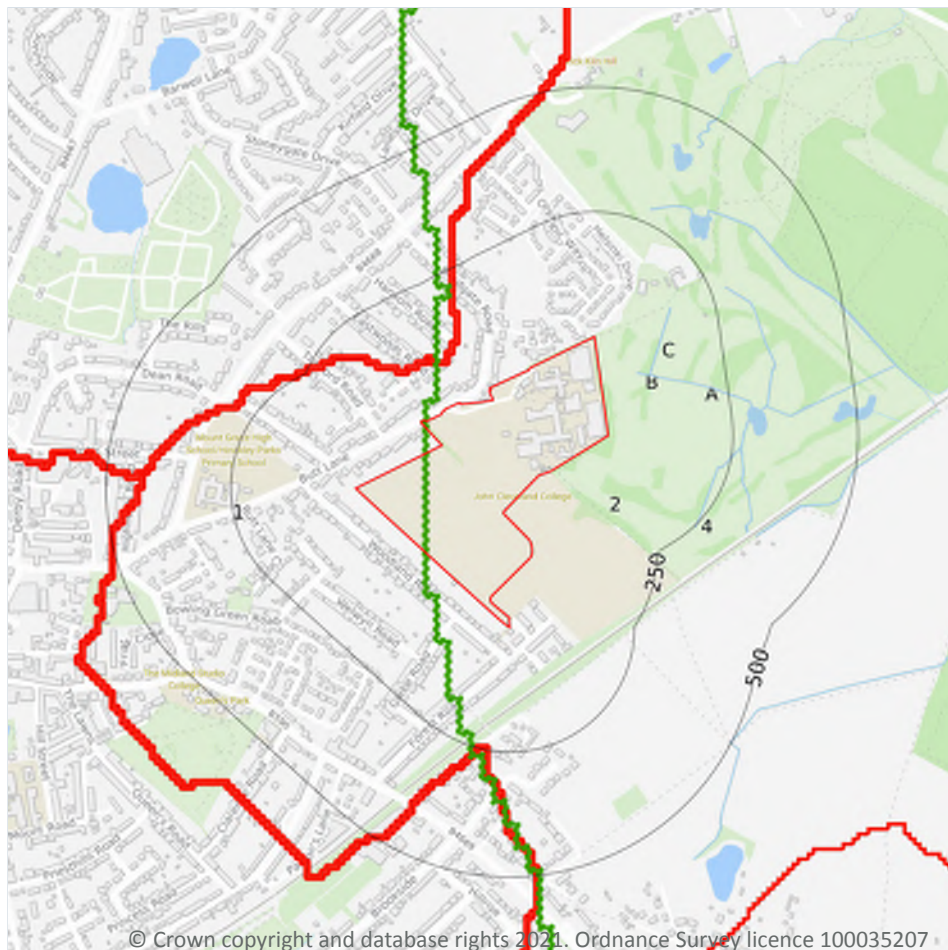
Records within 500m

0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.

6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

5

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 49**

ID	Location	Type of water feature	Ground level	Permanence	Name
B	74m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
A	98m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	98m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	228m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
4	240m SE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	5
----------------------------	----------

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 49**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1
------------------------	----------

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 49**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
2	On site	River WB catchment	Thurlaston Brook Catchment (trib of Soar)	GB104028046940	Soar River	Soar

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified

1

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on **page 49**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	4072m NE	River	Thurlaston Brook Catchment (trib of Soar)	GB104028046940	Poor	Good	Poor	2016

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site

2

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 49**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
1	On site	Tame Anker Mease - Secondary Combined	GB40402G990800	Good	Good	Good	2015
A	On site	Soar - Secondary Combined	GB40402G990600	Good	Good	Good	2015

This data is sourced from the Environment Agency and Natural Resources Wales.



7 River and coastal flooding

7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m**0**

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m**0**

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m**0**

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m**0**

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.7 Flood Zone 3

Records within 50m

0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

8 Surface water flooding

8.1 Surface water flooding

Highest risk on site

Negligible

Highest risk within 50m

Negligible

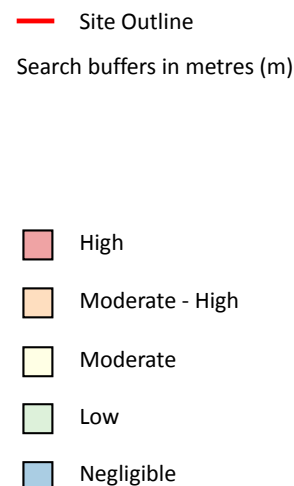
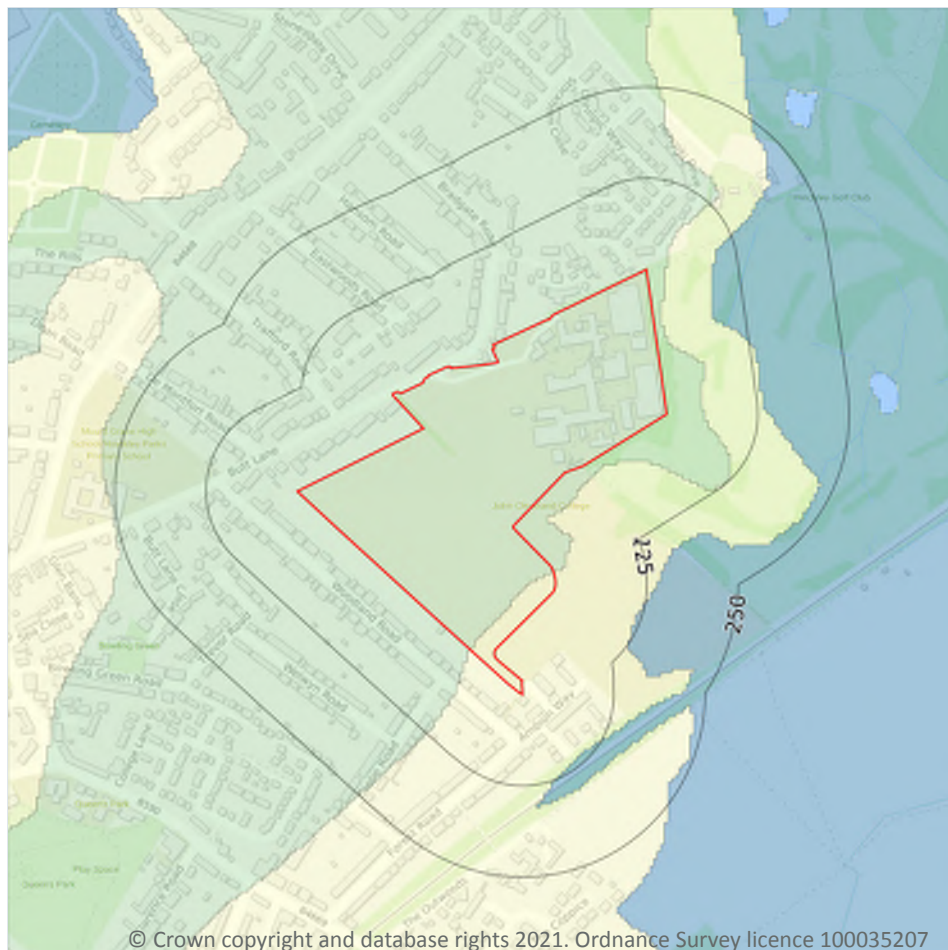
Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site. The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

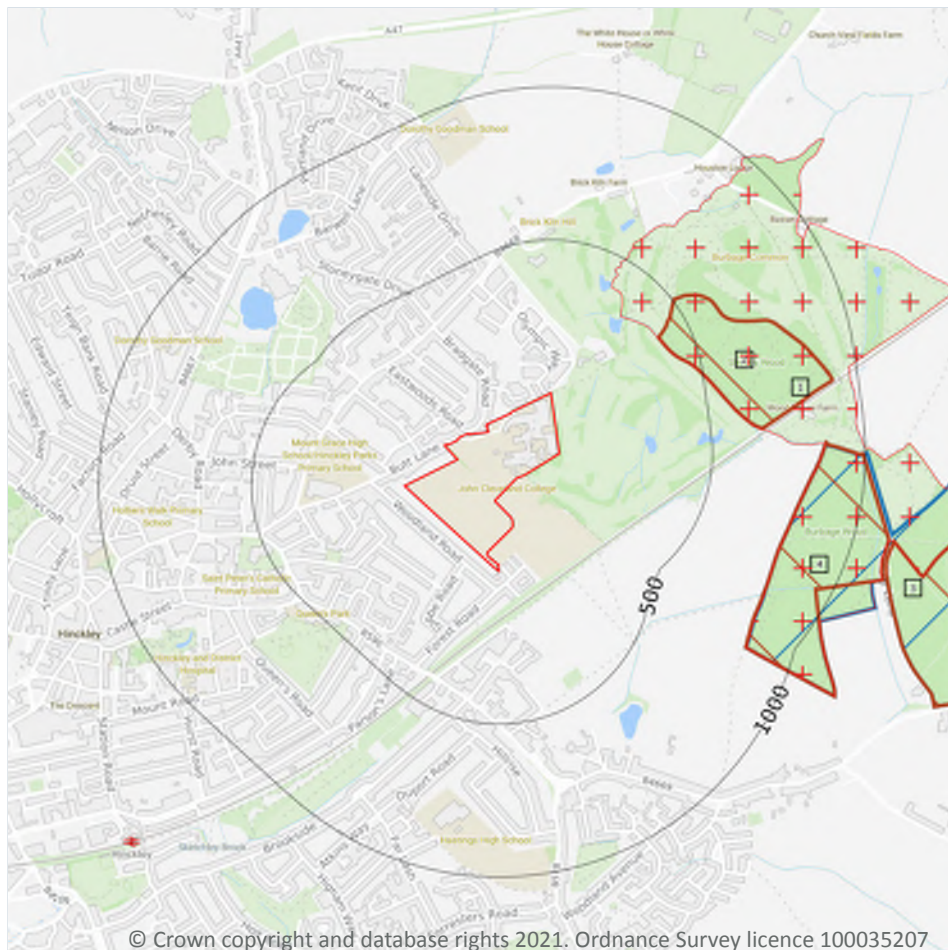
Moderate

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 56**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Sites of Special Scientific Interest (SSSI)
- + Local Nature Reserves (LNR)
- Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

1

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

Features are displayed on the Environmental designations map on **page 57**

ID	Location	Name	Data source
3	782m SE	Burbage Wood and Aston Firs	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m

0

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m

0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



10.6 Local Nature Reserves (LNR)

Records within 2000m

1

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

Features are displayed on the Environmental designations map on **page 57**

ID	Location	Name	Data source
1	339m NE	Burbage Common & Woods	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m

4

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

Features are displayed on the Environmental designations map on **page 57**

ID	Location	Name	Woodland Type
2	396m NE	Sheepy Wood	Ancient & Semi-Natural Woodland
4	782m SE	Aston Firs	Ancient & Semi-Natural Woodland
5	1125m E	Aston Firs	Ancient & Semi-Natural Woodland
-	1850m E	Freeholt Wood	Ancient & Semi-Natural Woodland

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m

0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m**0**

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m**0**

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m**0**

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m**0**

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m**0**

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

8

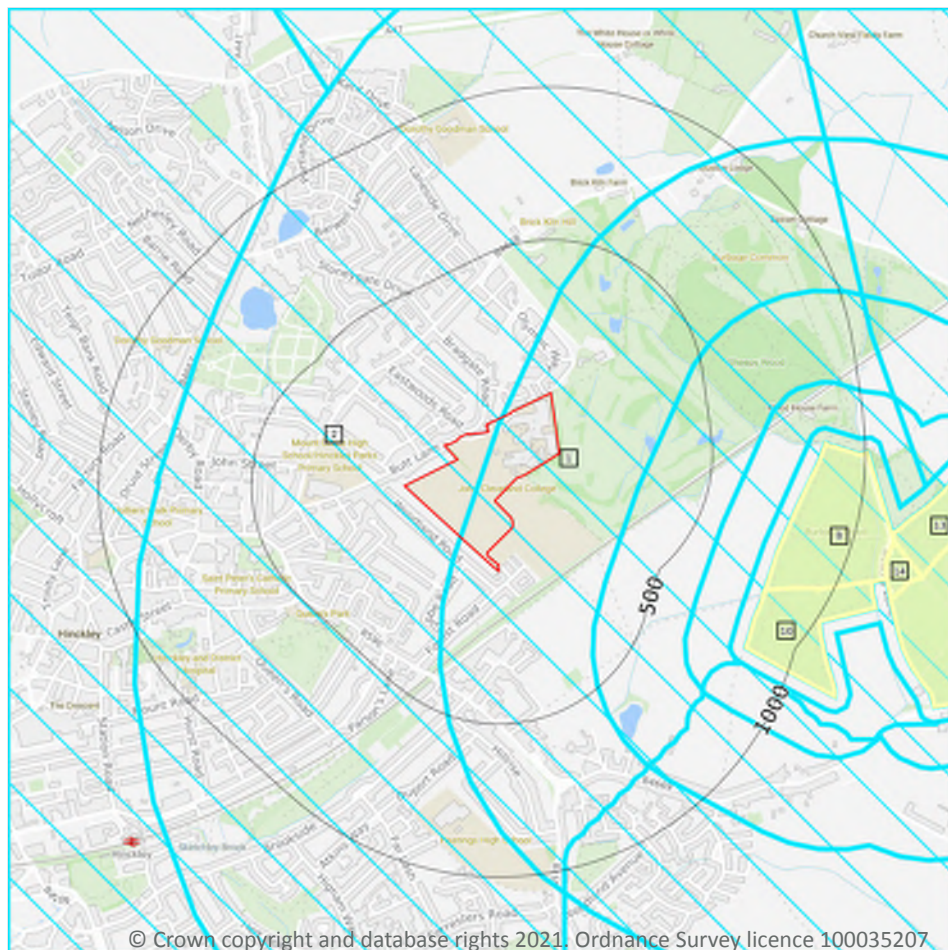
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	SOAR R NVZ	Surface Water	S309	Existing
On site	SOAR R NVZ	Surface Water	S309	Existing
69m SW	River Trent (source to confluence with Derwent)	Surface Water	S308	Changed
1260m S	River Trent (source to confluence with Derwent)	Surface Water	S308	Changed
1301m N	SOAR R NVZ	Surface Water	S309	Existing
1301m NE	SOAR R NVZ	Surface Water	S309	Existing
1301m NW	River Trent (source to confluence with Derwent)	Surface Water	S308	Changed
1310m N	River Trent (source to confluence with Derwent)	Surface Water	S308	Changed

This data is sourced from Natural England and Natural Resources Wales.



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

2

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 63**

ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Airports, helipads and other aviation proposals. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 200m² & manure stores > 250t). Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.
2	On site	Infrastructure - Airports, helipads and other aviation proposals. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 200m² & manure stores > 250t). Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	5
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Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

Features are displayed on the SSSI Impact Zones and Units map on **page 63**

ID: 8
 Location: 782m SE
 SSSI name: Burbage Wood and Aston Firs
 Unit name: Burbage Wood North
 Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland mixed deciduous woodland	Unfavourable - Recovering	07/01/2010



ID: 10
 Location: 810m SE
 SSSI name: Burbage Wood and Aston Firs
 Unit name: Burbage Wood South
 Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland mixed deciduous woodland	Unfavourable - Recovering	07/01/2010

ID: 13
 Location: 1119m E
 SSSI name: Burbage Wood and Aston Firs
 Unit name: Elmhurst Plantation
 Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland mixed deciduous woodland	Unfavourable - Recovering	07/01/2010

ID: 14
 Location: 1125m E
 SSSI name: Burbage Wood and Aston Firs
 Unit name: Burbage Wood South
 Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland mixed deciduous woodland	Unfavourable - Recovering	07/01/2010

ID: 15
 Location: 1184m SE
 SSSI name: Burbage Wood and Aston Firs
 Unit name: Aston Firs
 Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland mixed deciduous woodland	Unfavourable - Recovering	18/04/2011

This data is sourced from Natural England and Natural Resources Wales.



11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m

0

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m

0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.7 Registered Parks and Gardens

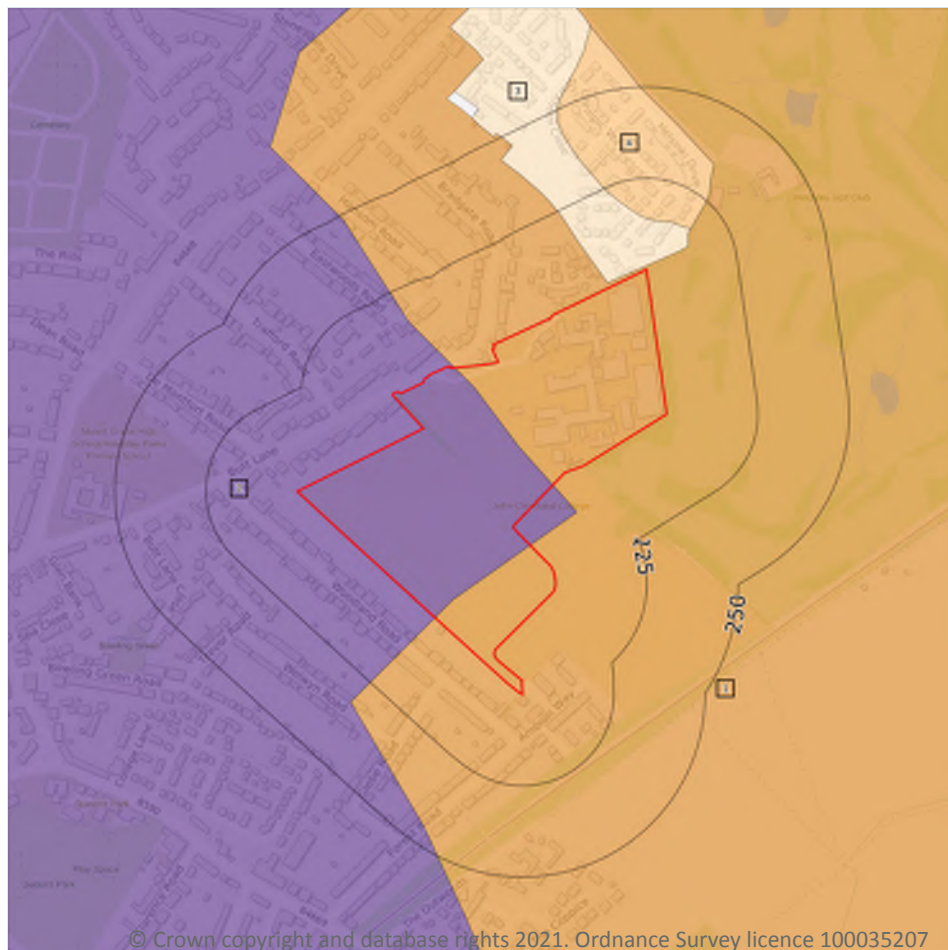
Records within 250m

0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

4

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 69**

ID	Location	Classification	Description
1	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.
2	On site	Urban	-

ID	Location	Classification	Description
3	5m NW	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
4	68m N	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m **0**

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m **0**

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m **0**

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.



13 Habitat designations



- Site Outline
- Search buffers in metres (m)
- Priority Habitat Inventory
- Open Mosaic Habitat
- Limestone Pavement Orders
- Habitat Networks
- Primary Habitat
- Restorable Habitat
- Associated Habitats
- Habitat Restoration-Creation
- Network Enhancement Zone 1
- Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m

1

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on **page 72**

ID	Location	Main Habitat	Other habitats
1	52m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

1

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

Features are displayed on the Habitat designations map on **page 72**

ID	Location	Type	Habitat
2	81m NE	Network Enhancement Zone 1	Not specified

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

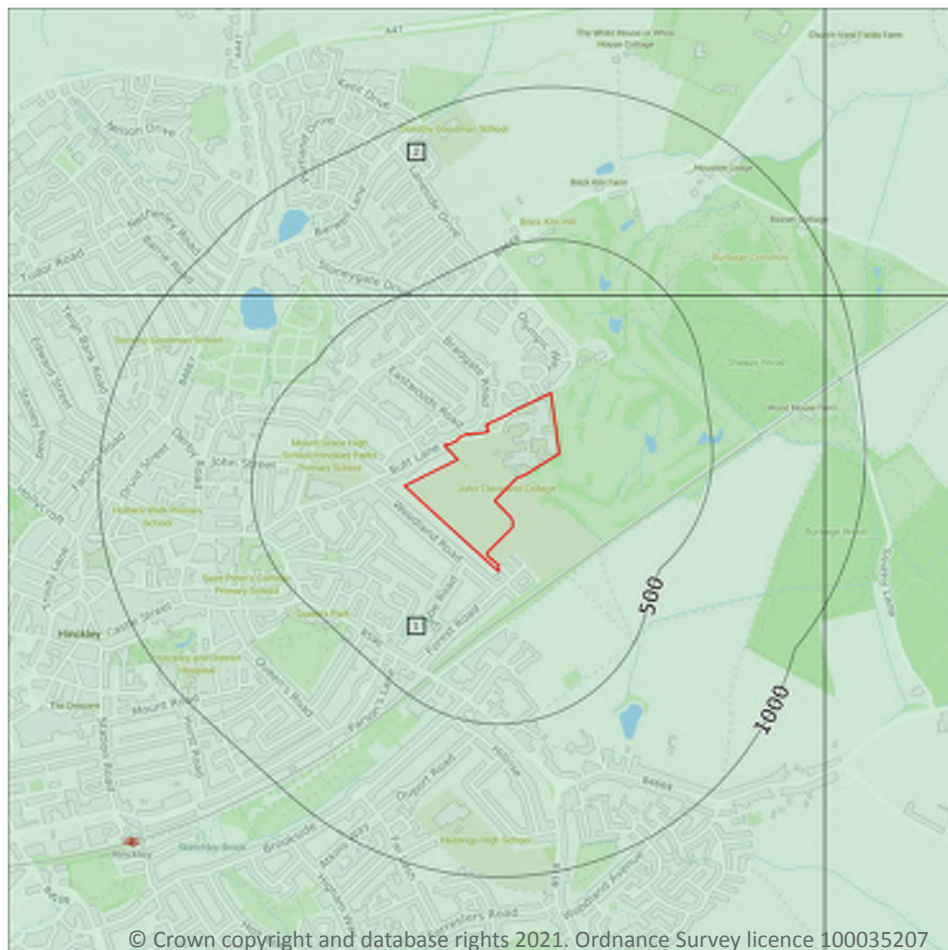
Records within 250m

0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



- Site Outline
- Search buffers in metres (m)
- Full coverage
 - Partial coverage
 - No coverage

14.1 10k Availability

Records within 500m

2

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

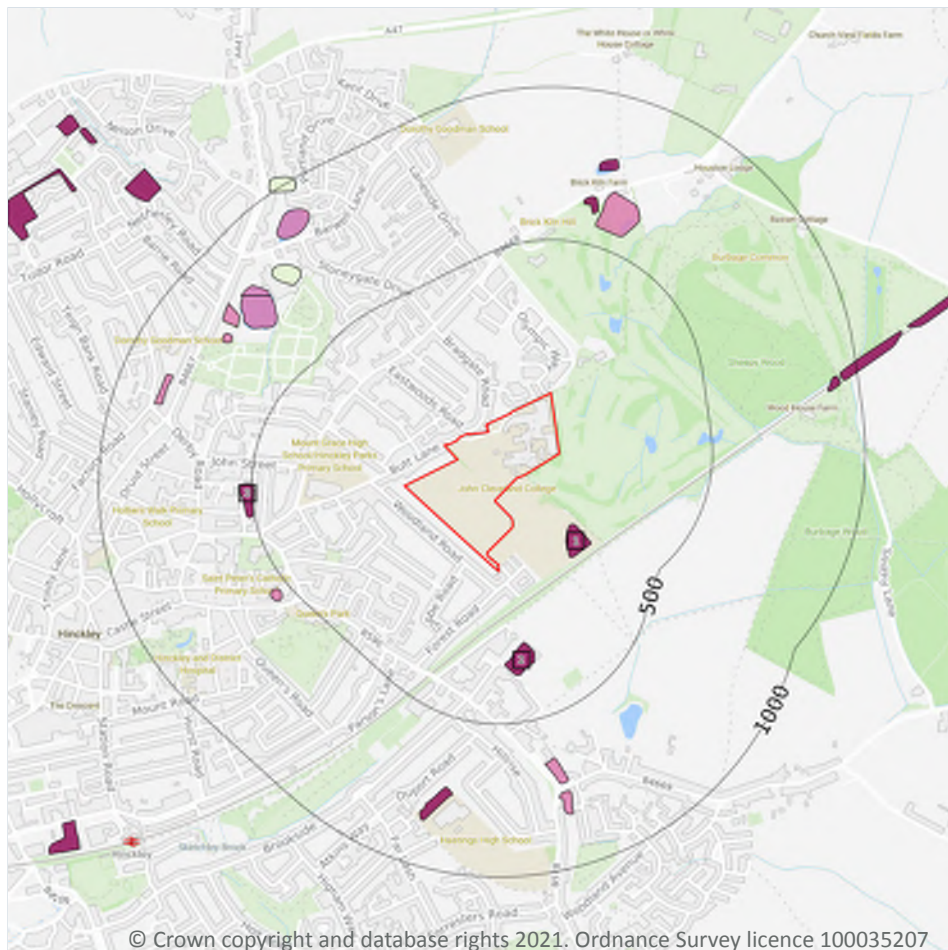
Features are displayed on the Geology 1:10,000 scale - Availability map on **page 74**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SP49SW
2	318m N	Full	Full	Full	No coverage	SP49NW

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Artificial and made ground



— Site Outline
Search buffers in metres (m)

- Reclaimed ground
- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

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14.2 Artificial and made ground (10k)

Records within 500m

3

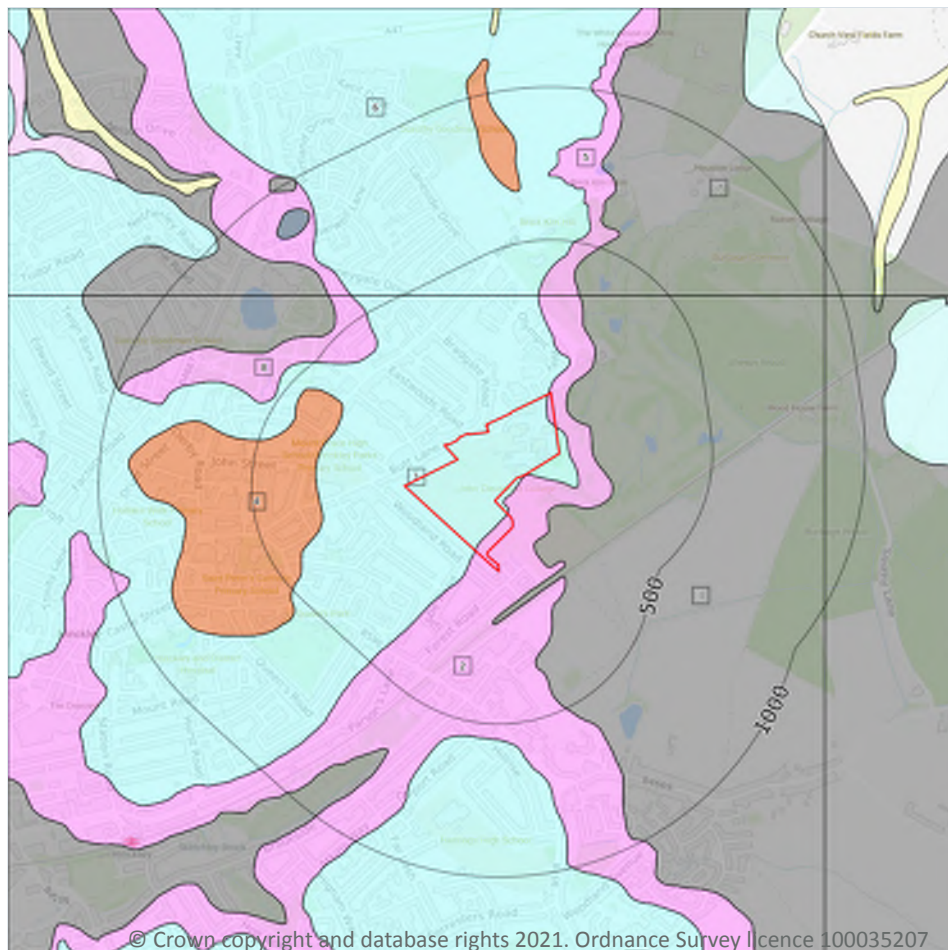
Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 75**

ID	Location	LEX Code	Description	Rock description
1	179m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	247m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
3	493m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m

8

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 76**

ID	Location	LEX Code	Description	Rock description
1	On site	ODT-DMTN	Oadby Member - Diamicton	Diamicton
2	On site	WOSG-XSV	Wolston Sand And Gravel - Sand And Gravel	Sand And Gravel
3	44m E	WOC-XCZ	Wolston Clay - Clay And Silt	Clay And Silt
4	282m W	DMG-XSV	Dunsmore Gravel - Sand And Gravel	Sand And Gravel



ID	Location	LEX Code	Description	Rock description
5	318m N	WOSG-XSV	Wolston Sand And Gravel - Sand And Gravel	Sand And Gravel
6	320m N	ODT-DMTN	Oadby Member - Diamicton	Diamicton
7	330m N	WOC-XCZS	Wolston Clay - Clay, Silt And Sand	Clay, Silt And Sand
8	383m NW	WOSG-XSV	Wolston Sand And Gravel - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

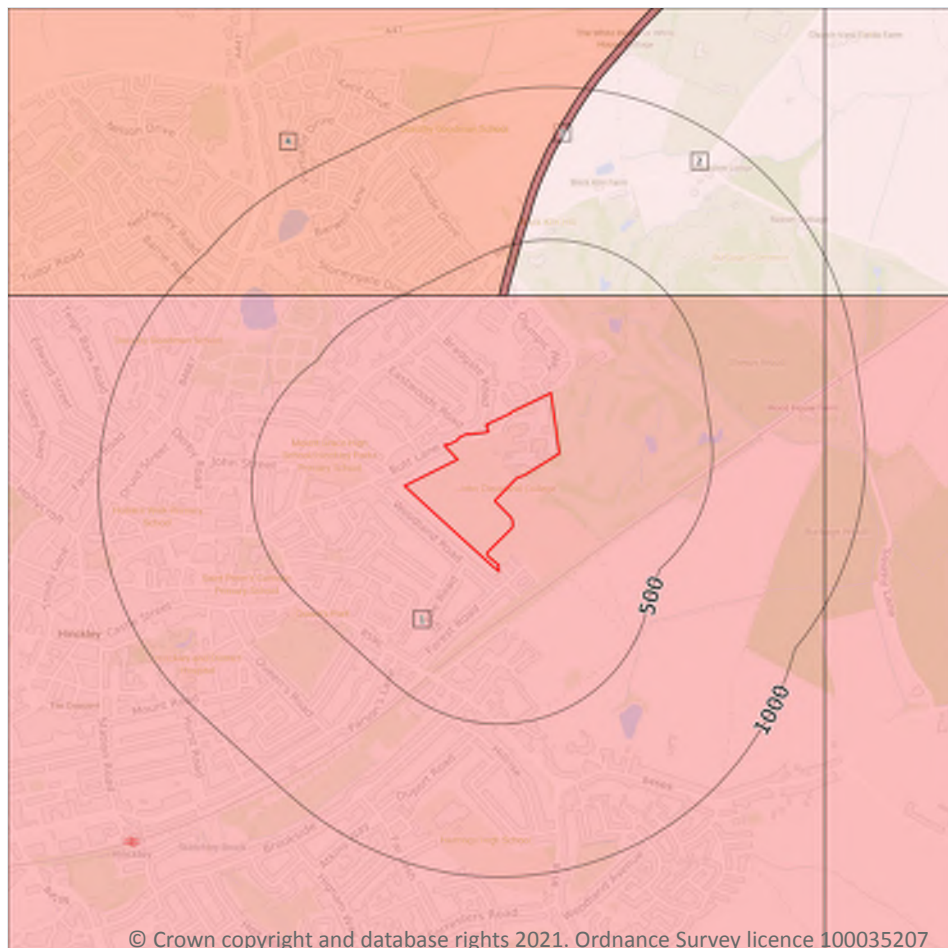
0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m

4

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 78**

ID	Location	LEX Code	Description	Rock age
1	On site	MMG-MDST	Mercia Mudstone Group - Mudstone	Rhaetian Age - Early Triassic Epoch
2	318m N	EDW-MDST	Edwalton Member - Mudstone	Carnian Age
3	349m NW	COT-SDST	Cotgrave Sandstone Member - Sandstone	Carnian Age

ID	Location	LEX Code	Description	Rock age
4	360m NW	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

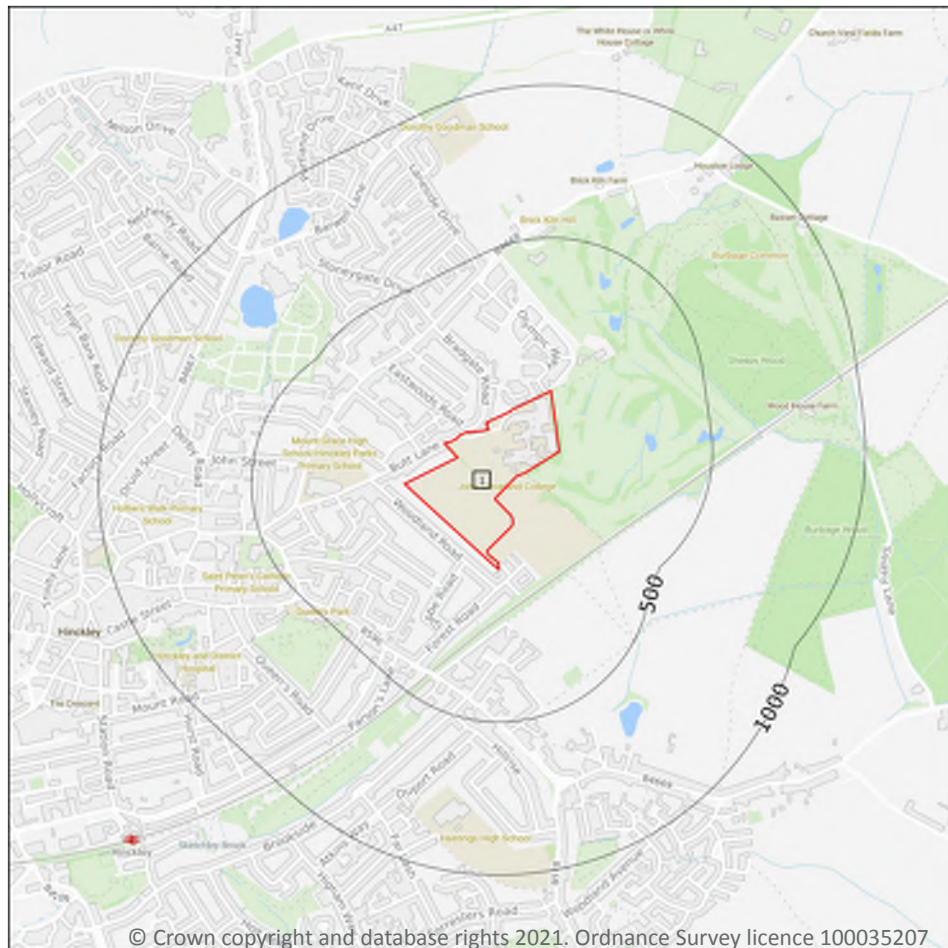
0

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline
Search buffers in metres (m)

□ Geological map tile

15.1 50k Availability

Records within 500m

1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 80**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	EW169_coventry_v4

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Artificial and made ground

15.2 Artificial and made ground (50k)

Records within 500m

0

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

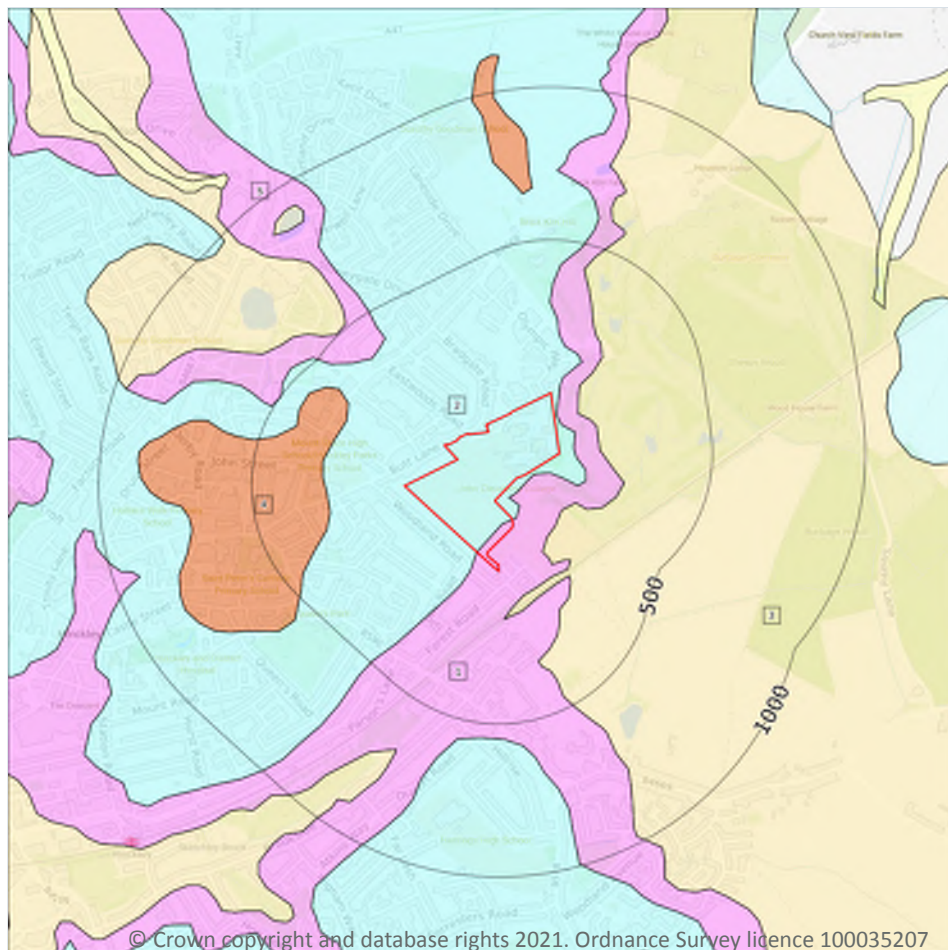
0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

5

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 82**

ID	Location	LEX Code	Description	Rock description
1	On site	WOSG-XSV	WOLSTON SAND AND GRAVEL	SAND AND GRAVEL
2	On site	ODT-DMTN	OADBY MEMBER	DIAMICTON
3	79m E	BOSW-XCZ	BOSWORTH CLAY MEMBER	CLAY AND SILT
4	254m W	DMG-XSV	DUNSMORE GRAVEL	SAND AND GRAVEL



ID	Location	LEX Code	Description	Rock description
5	369m NW	WOSG-XSV	WOLSTON SAND AND GRAVEL	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	2
---------------------------	----------

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	Moderate	Low
On site	Intergranular	Very High	High

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	0
----------------------------	----------

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

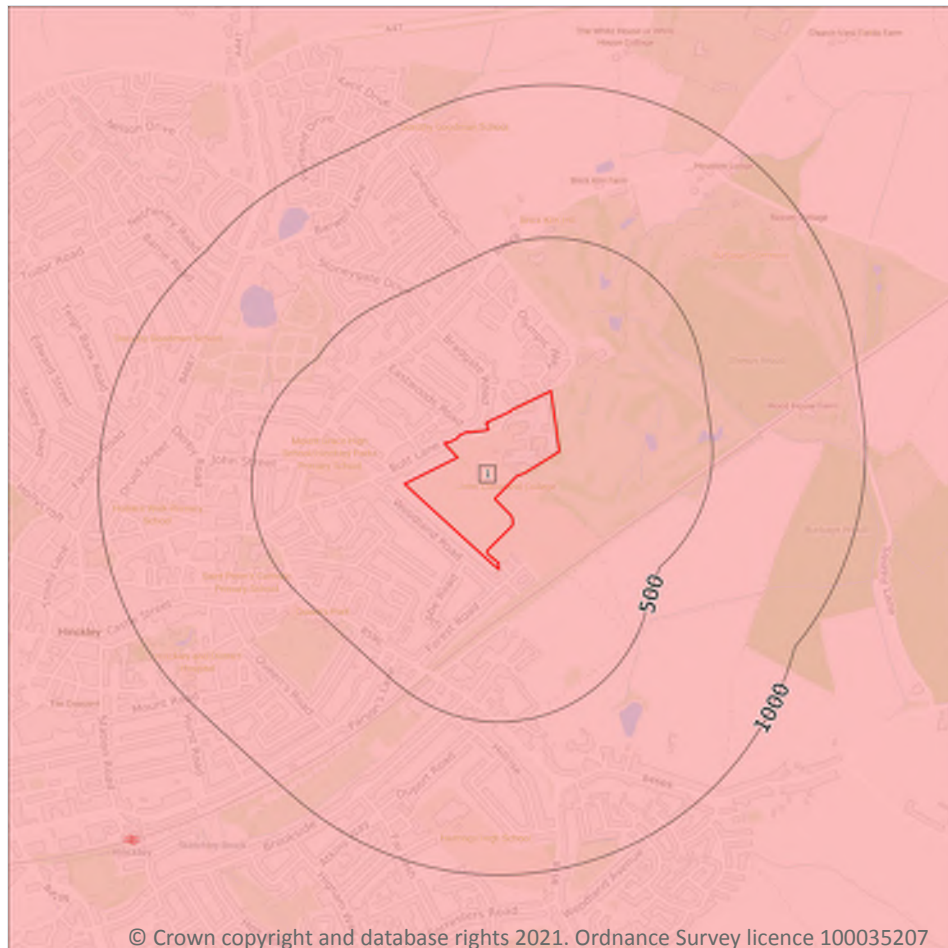
15.7 Landslip permeability (50k)

Records within 50m	0
---------------------------	----------

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



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- Site Outline
- Search buffers in metres (m)
- Bedrock faults and other linear features (50k)
- Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

1

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 84**

ID	Location	LEX Code	Description	Rock age
1	On site	MMG-MDST	MERCIA MUDSTONE GROUP - MUDSTONE	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

1

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Fracture	Low	Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

0

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m

13

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on **page 86**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	443970 294490	JOHN CLEVELAND COLLEGE NO.7	1.82	N	334453
2	On site	443990 294610	JOHN CLEVELAND COLLEGE NO.2	1.82	N	334448
3	On site	444030 294560	JOHN CLEVELAND COLLEGE NO.4	1.82	N	334450

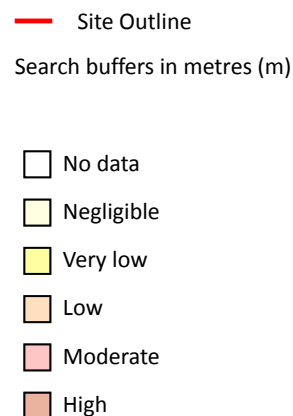
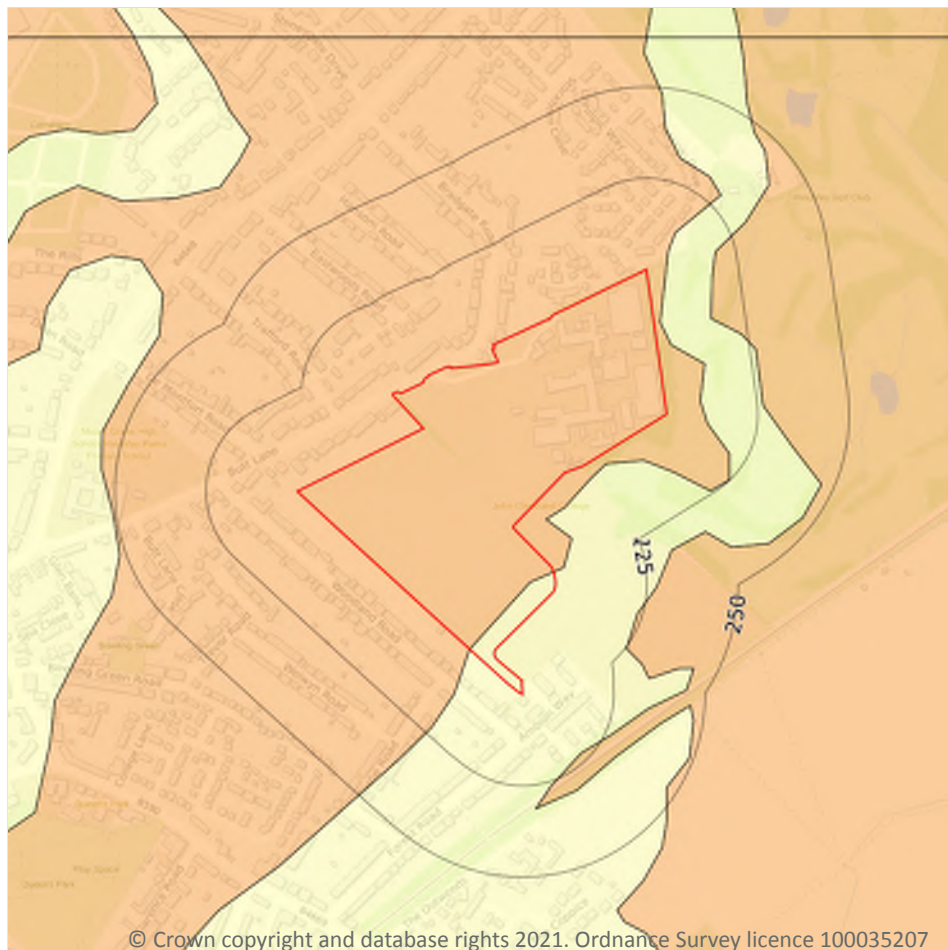


ID	Location	Grid reference	Name	Length	Confidential	Web link
A	On site	444000 294500	HINCKLEY UPPER SCH PHASE 3 BH4	-	Y	N/A
A	On site	444000 294500	HINCKLEY UPPER SCH PHASE 3 BH1	-	Y	N/A
A	On site	444000 294500	HINCKLEY UPPER SCH PHASE 3 BH3	-	Y	N/A
A	On site	444000 294500	HINCKLEY UPPER SCH PHASE 3 BH5	-	Y	N/A
A	On site	444000 294500	HINCKLEY UPPER SCH PHASE 3 BH2	-	Y	N/A
A	On site	444030 294510	JOHN CLEVELAND COLLEGE NO.5	1.82	N	334451
A	On site	444020 294490	JOHN CLEVELAND COLLEGE NO.6	1.82	N	334452
B	On site	444030 294620	JOHN CLEVELAND COLLEGE NO.1	4.57	N	334447
B	On site	444030 294620	JOHN CLEVELAND COLLEGE NO.3	1.82	N	334449
4	119m SE	444000 294000	HINCKLEY RAILWAY CUTTING	16.0	N	334367

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

2

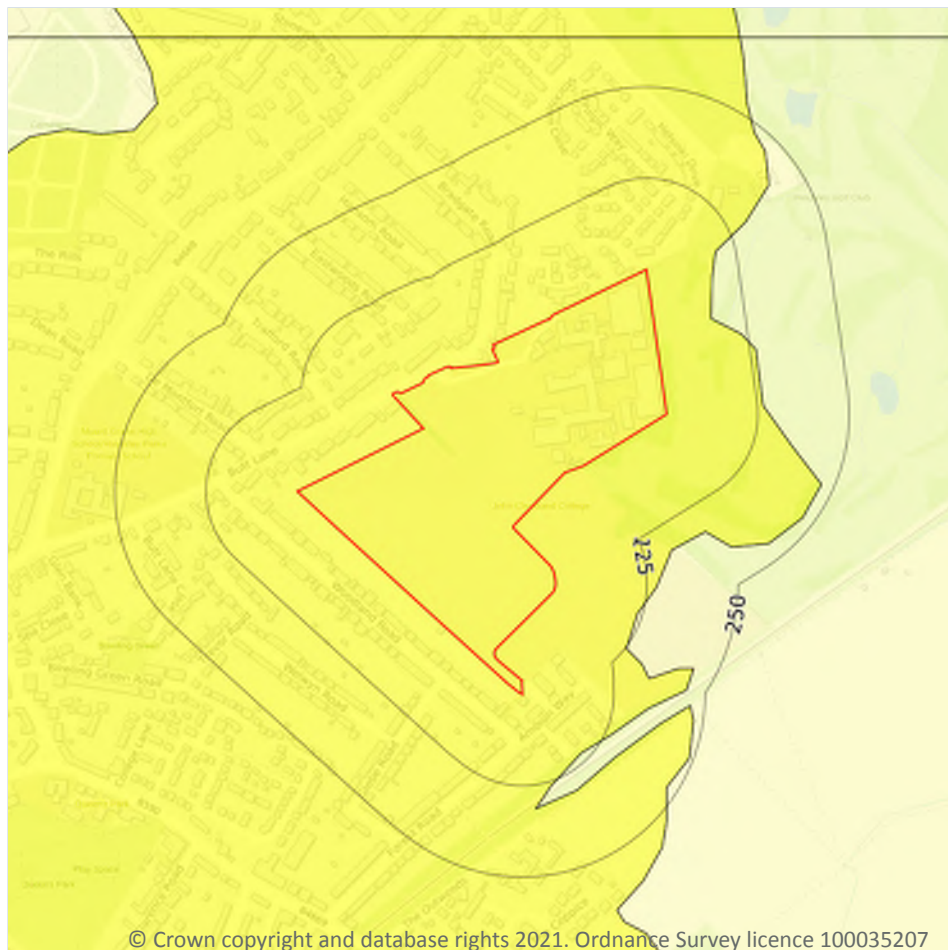
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 88**

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Low	Ground conditions predominantly medium plasticity.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☒ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.2 Running sands

Records within 50m

1

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

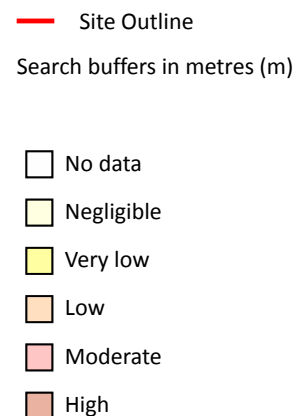
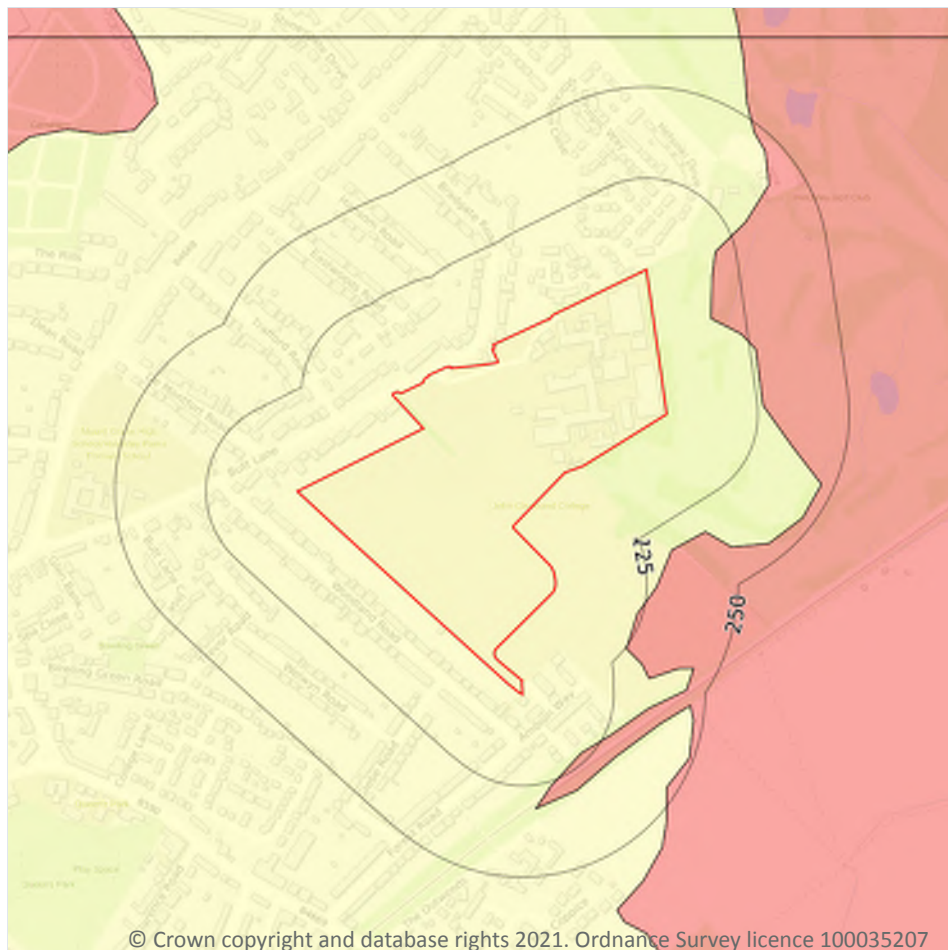
Features are displayed on the Natural ground subsidence - Running sands map on **page 89**

Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



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17.3 Compressible deposits

Records within 50m

1

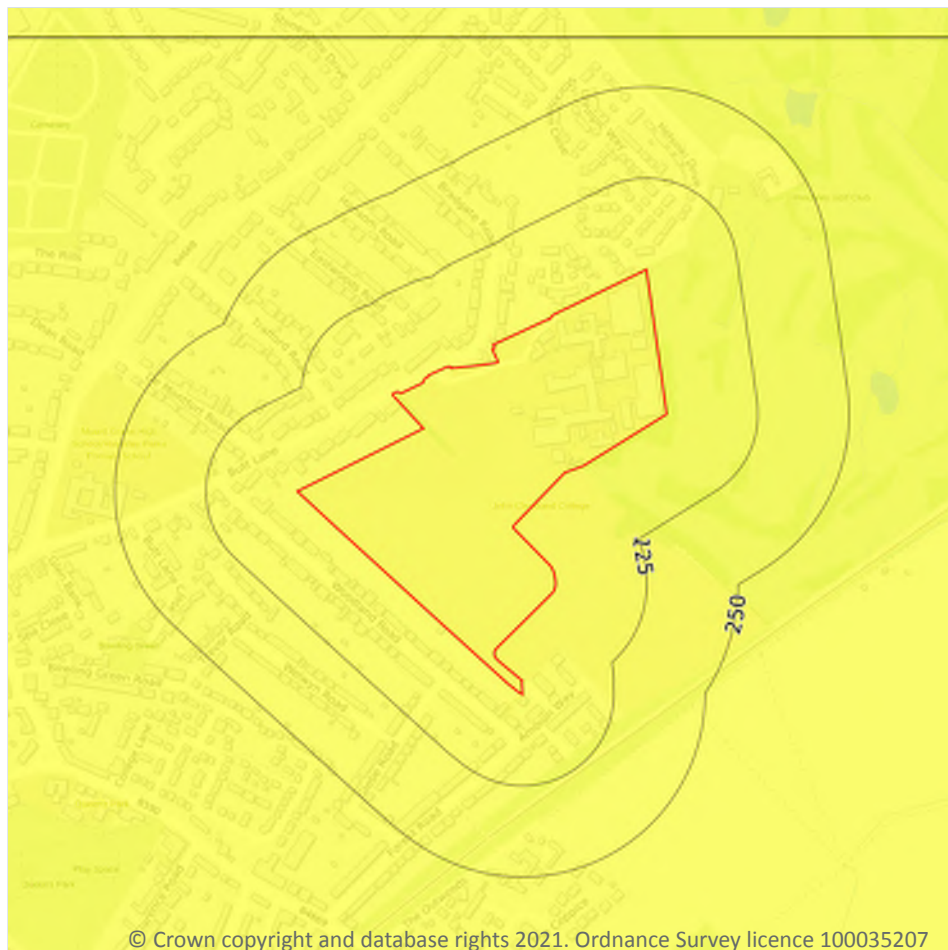
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 90**

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.4 Collapsible deposits

Records within 50m

1

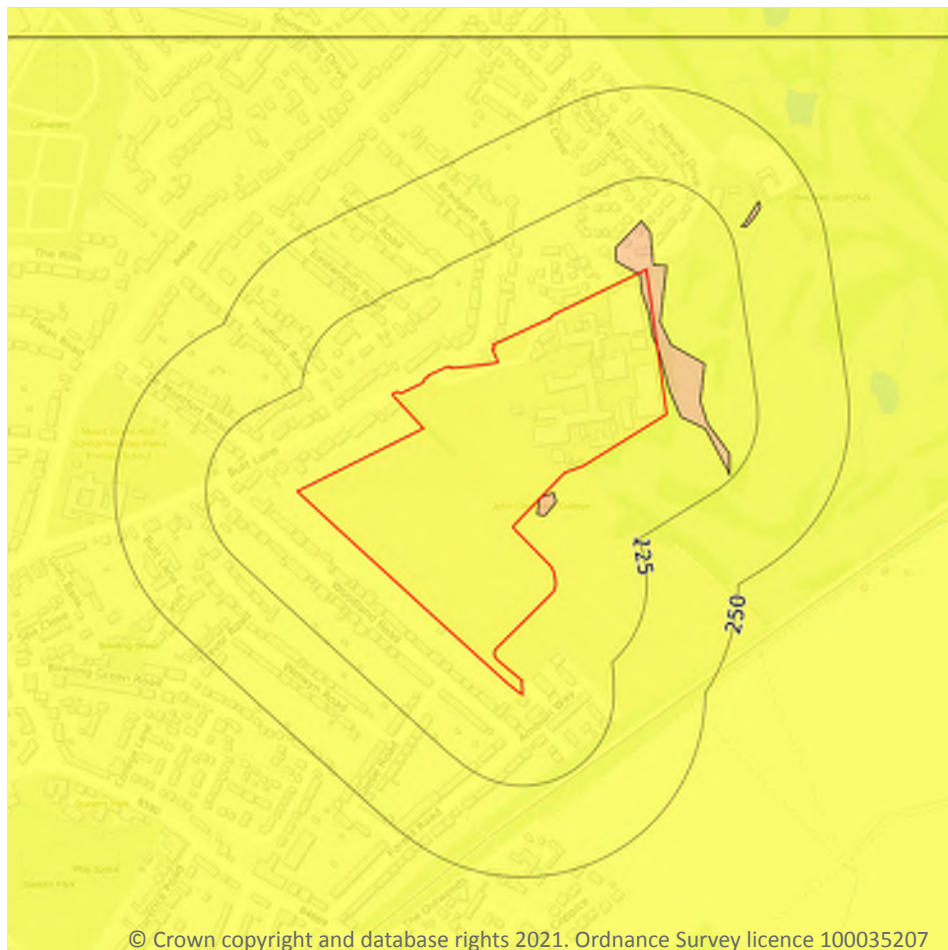
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 91**

Location	Hazard rating	Details
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.5 Landslides

Records within 50m

2

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on **page 92**

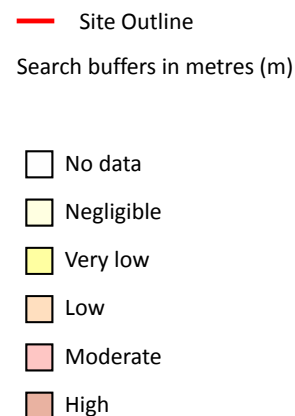
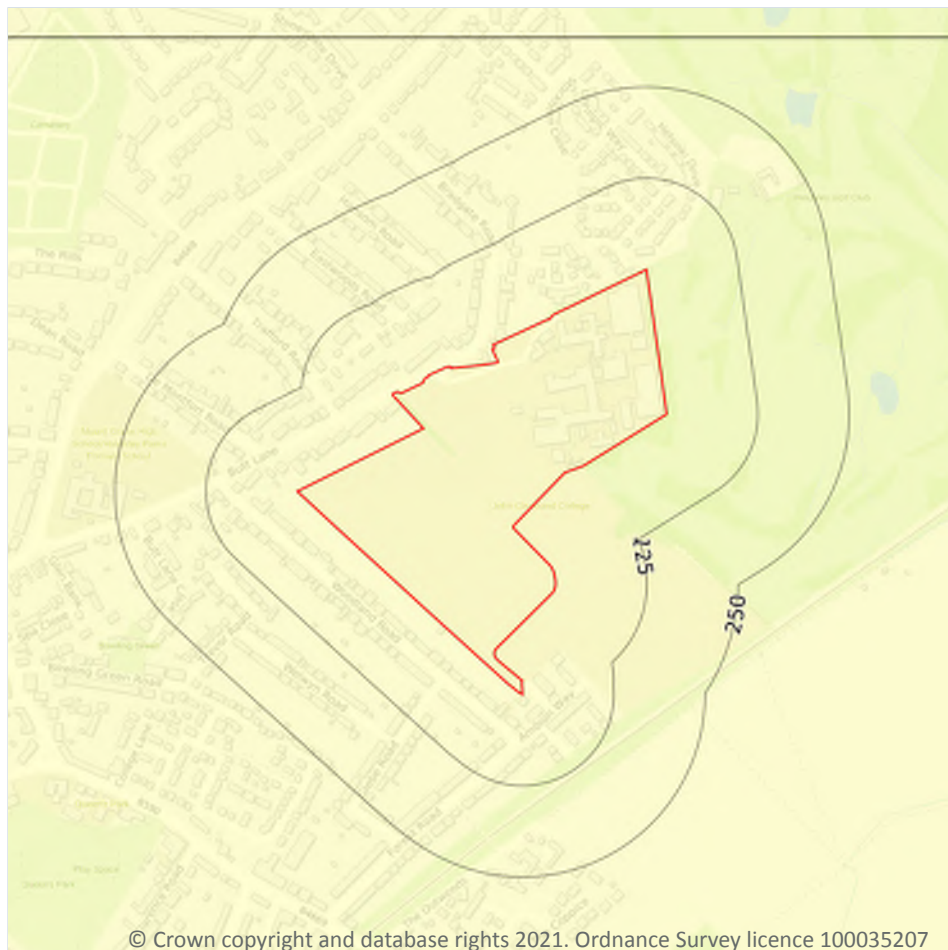
Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

Location	Hazard rating	Details
On site	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



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17.6 Ground dissolution of soluble rocks

Records within 50m

1

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

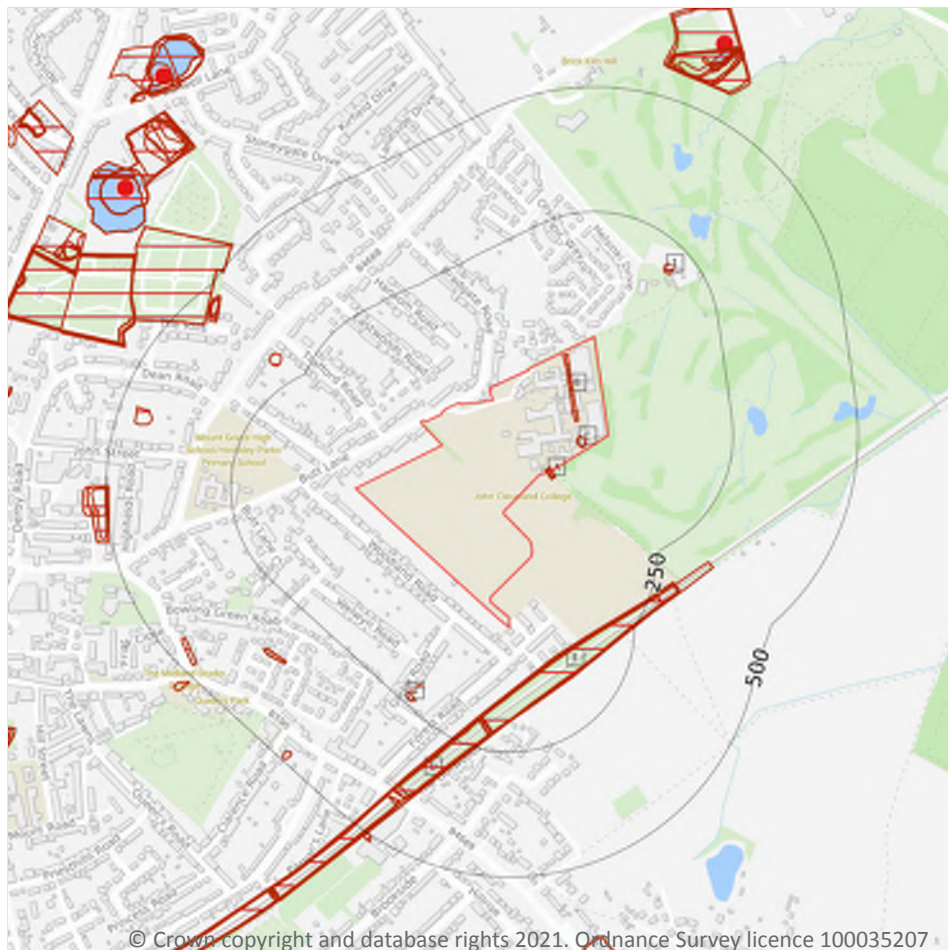
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 94**

Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

This data is sourced from the British Geological Survey.



18 Mining, ground workings and natural cavities



- Site Outline
- Search buffers in metres (m)
- Natural cavities (Area)
- Natural cavities (Point)
- BritPits
- Surface ground workings
- Underground workings
- Historical Mineral Planning Areas
- Mining Cavities
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 Natural cavities

Records within 500m

0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

18.2 BritPits

Records within 500m

0

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m

21

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining, ground workings and natural cavities map on **page 95**

ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Filter Bed	1938	1:10560
A	On site	Filter Bed	1950	1:10560
A	On site	Filter Bed	1923	1:10560
B	On site	Unspecified Ground Workings	1977	1:10000
B	On site	Unspecified Ground Workings	1968	1:10560
C	On site	Unspecified Heap	1977	1:10000
C	On site	Unspecified Heap	1968	1:10560
D	103m SE	Cuttings	1977	1:10000
D	103m SE	Cuttings	1983	1:10000
D	103m SE	Cuttings	1968	1:10560
E	106m SE	Cuttings	1923	1:10560
E	106m SE	Cuttings	1938	1:10560
D	107m SE	Cuttings	1950	1:10560
E	109m SE	Cuttings	1901	1:10560
E	109m SE	Cuttings	1886	1:10560
1	192m NE	Unspecified Pit	1886	1:10560
D	194m S	Cuttings	1923	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
D	194m S	Cuttings	1938	1:10560
D	195m S	Cuttings	1886	1:10560
D	196m S	Cuttings	1901	1:10560
2	203m SW	Ponds	1923	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m **0**

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

This data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m **0**

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m **0**

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m	0
----------------------	---

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

18.8 JPB mining areas

Records on site	0
-----------------	---

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site	0
-----------------	---

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.10 Brine areas

Records on site	0
-----------------	---

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.11 Gypsum areas

Records on site	0
-----------------	---

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0
-----------------	---

Generalised areas that may be affected by historical tin mining.

This data is sourced from Mining Searches UK.

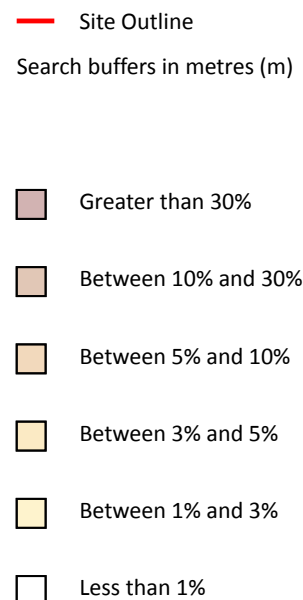
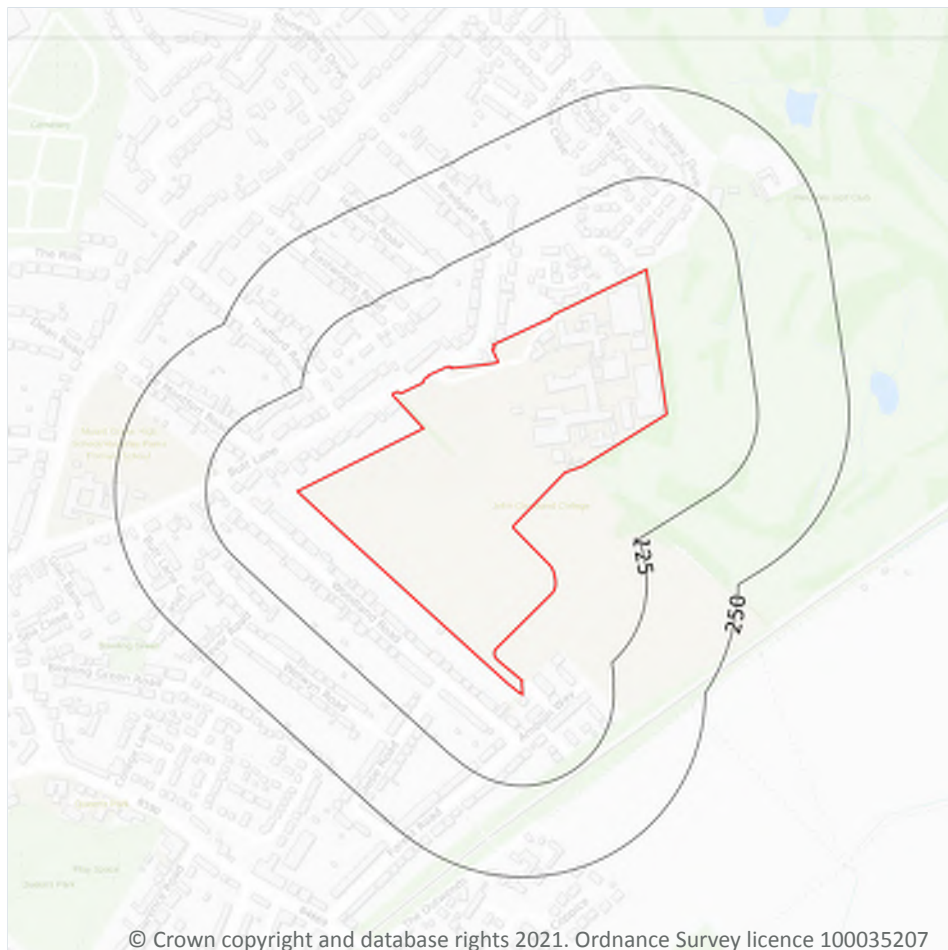
18.13 Clay mining

Records on site	0
-----------------	---

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Radon



19.1 Radon

Records on site

1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on **page 100**

Location	Estimated properties affected	Radon Protection Measures required
On site	Less than 1%	None**

This data is sourced from the British Geological Survey and Public Health England.



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

14

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
9m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
14m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
19m S	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
26m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
33m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
37m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
37m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.



20.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

This data is sourced from the British Geological Survey.

20.3 BGS Measured Urban Soil Chemistry

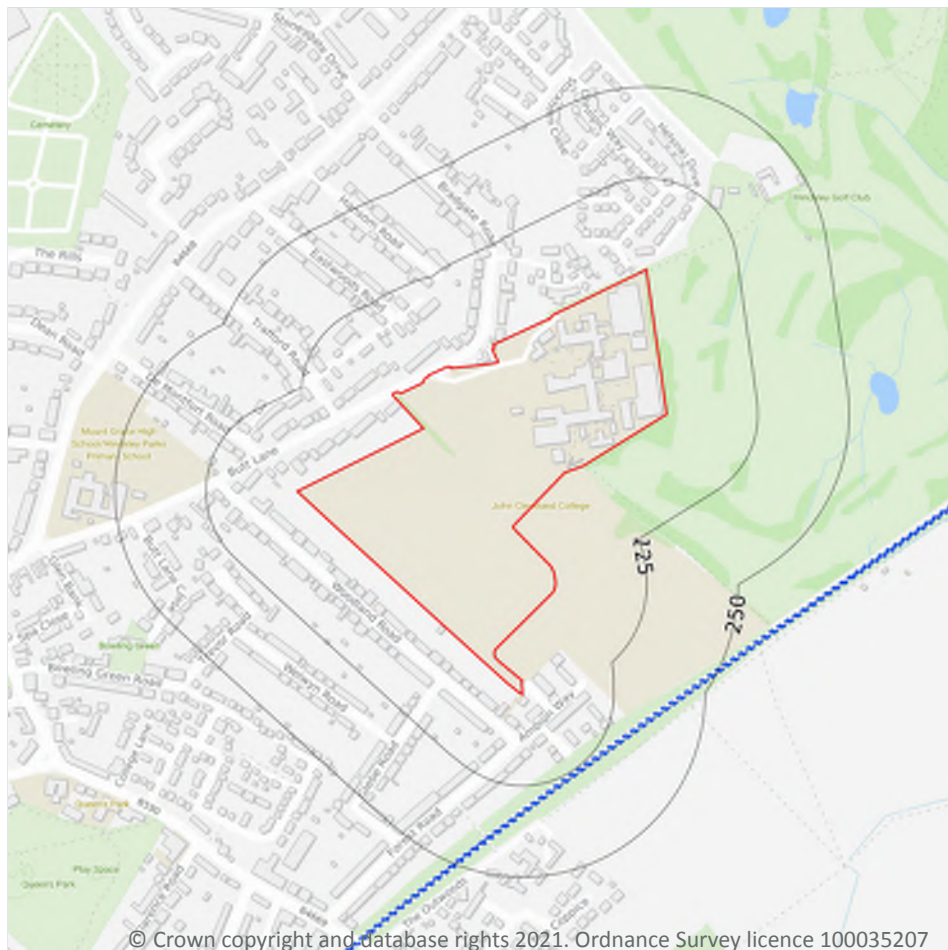
Records within 50m

0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.

21 Railway infrastructure and projects



21.1 Underground railways (London)

Records within 250m

0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m

0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

0

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m

0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

21.6 Historical railways

Records within 250m

0

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m

4

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on **page 103**

Location	Name	Type
128m SE	Birmingham to Peterborough Line	rail
132m SE	Birmingham to Peterborough Line	rail
132m SE	Not given	Multi Track
206m S	Not given	Multi Track

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m	0
----------------------------	----------

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m	0
----------------------------	----------

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

21.10 HS2

Records within 500m	0
----------------------------	----------

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 Ltd.

Data providers

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Client Ref: 7002375_-_B030162_Hinckley
Report Ref: GS-8028836
Grid Ref: 443880, 294391

Map Name: County Series

Map date: 1886

Scale: 1:10,560

Printed at: 1:10,560



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Report Ref: GS-8028836
Grid Ref: 443880, 294391

Map Name: County Series

Map date: 1901-1904

Scale: 1:10,560

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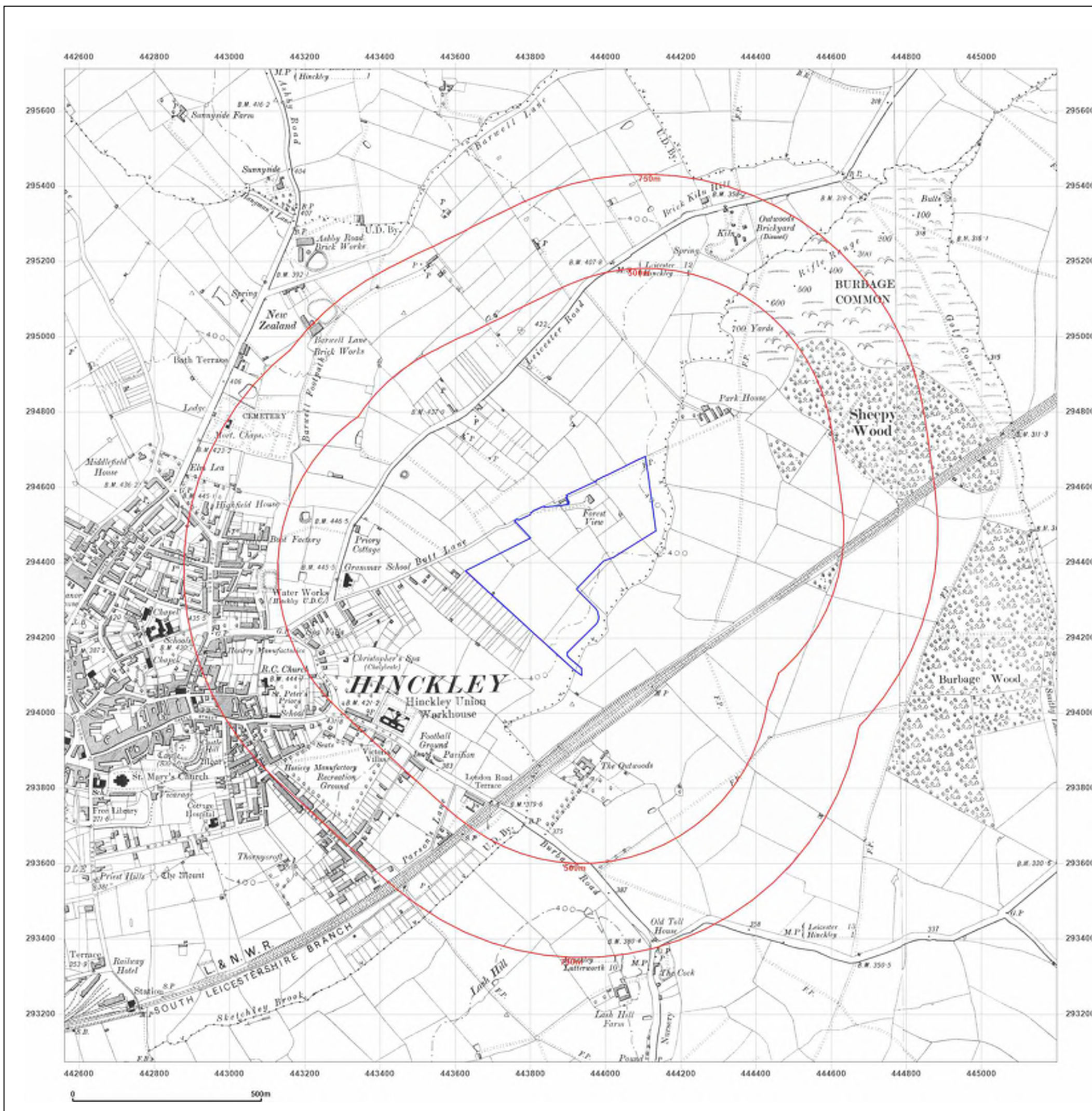


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Client Ref: 7002375_-_B030162_Hinckley
Report Ref: GS-8028836
Grid Ref: 443880, 294391

Map Name: County Series

Map date: 1923

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886
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Edition N/A
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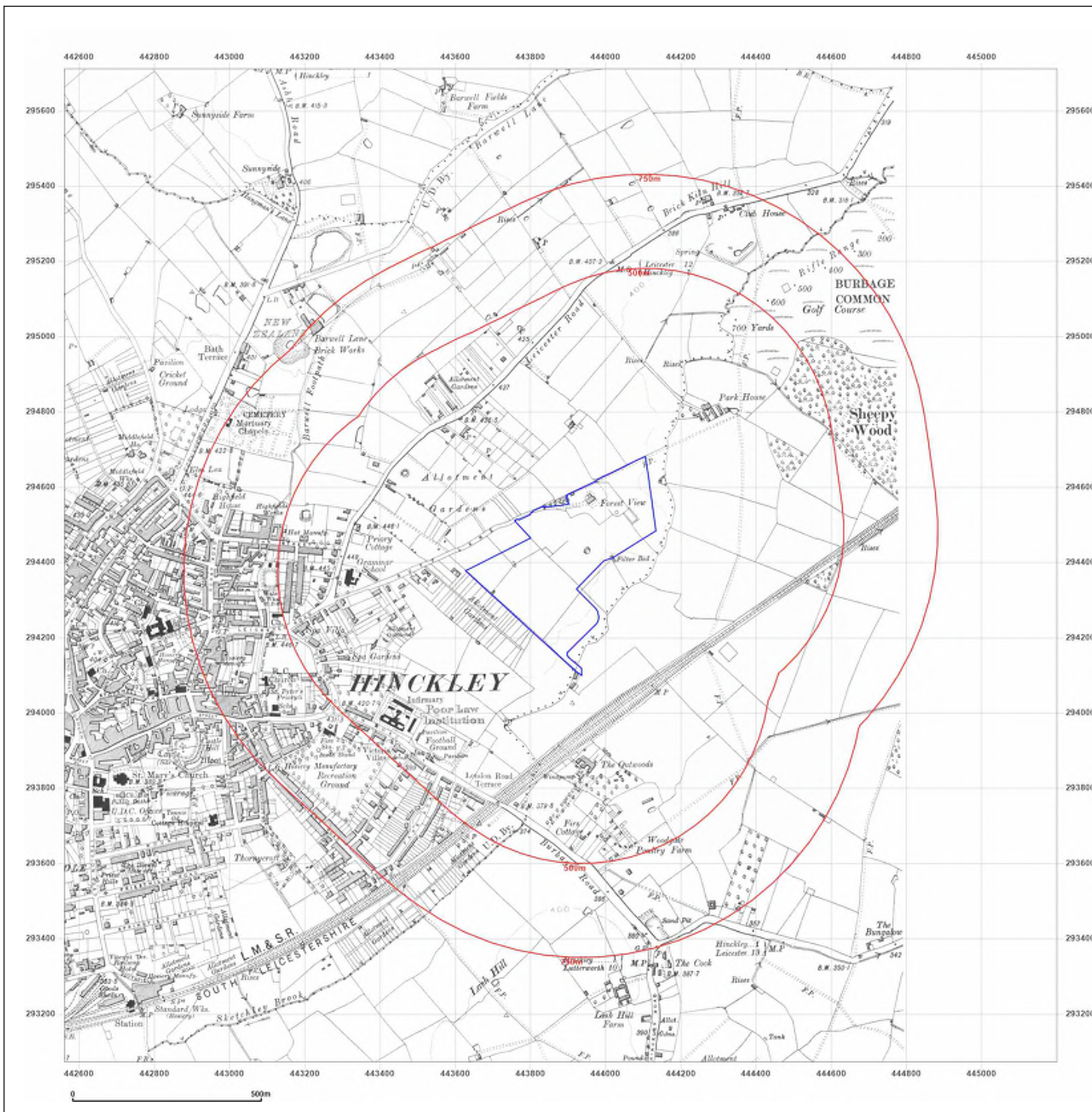


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Client Ref: 7002375_-_B030162_Hinckley
Report Ref: GS-8028836
Grid Ref: 443880, 294391

Map Name: County Series

Map date: 1938

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1886
Revised 1938
Edition N/A
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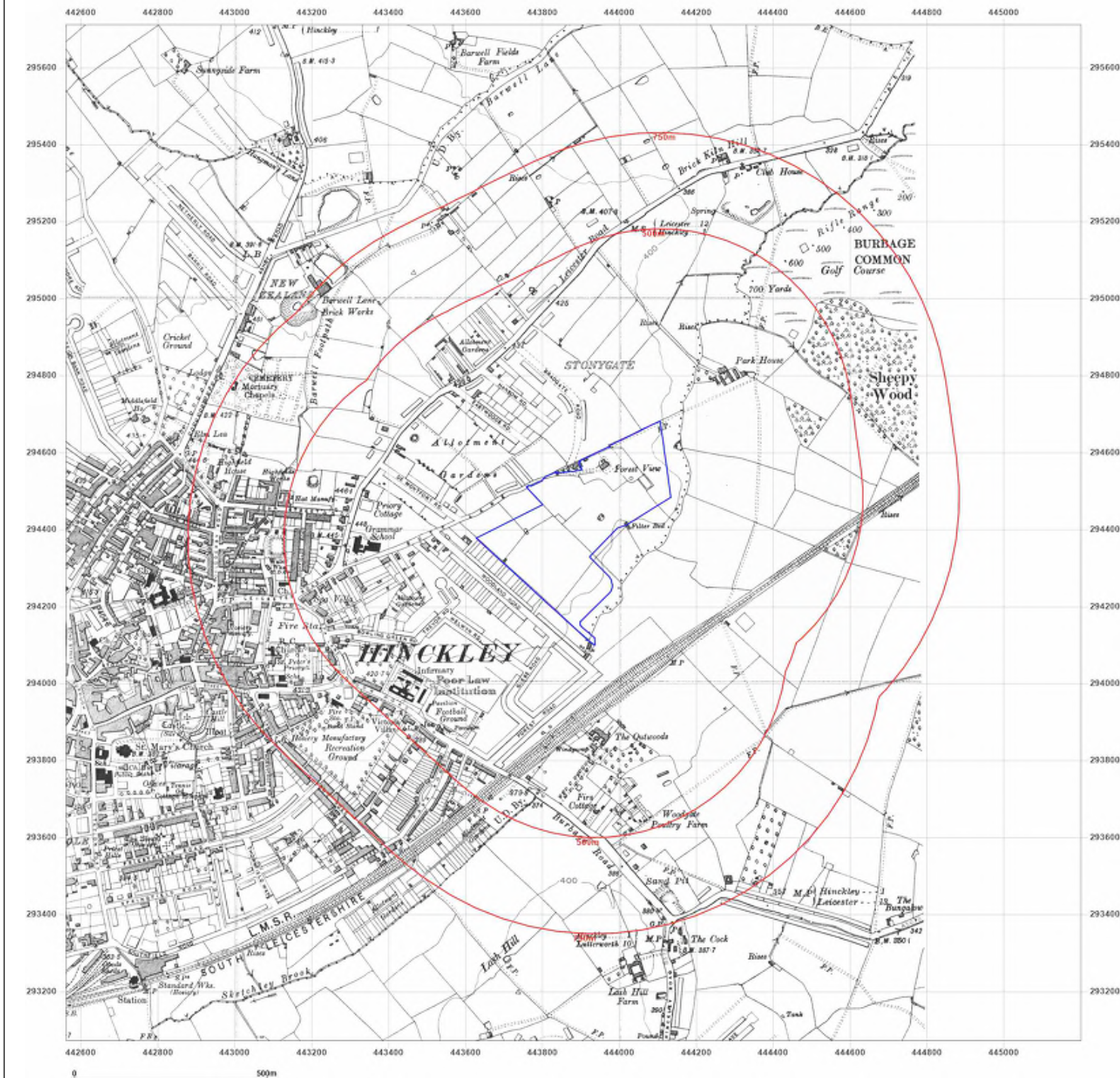


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Client Ref: 7002375_-_B030162_Hinckley
Report Ref: GS-8028836
Grid Ref: 443880, 294391

Map Name: Provisional

Map date: 1950-1955

Scale: 1:10,560

Printed at: 1:10,560



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Edition N/A
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Surveyed 1950
Revised 1950
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1950
Revised 1950
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised 1954
Edition 1955
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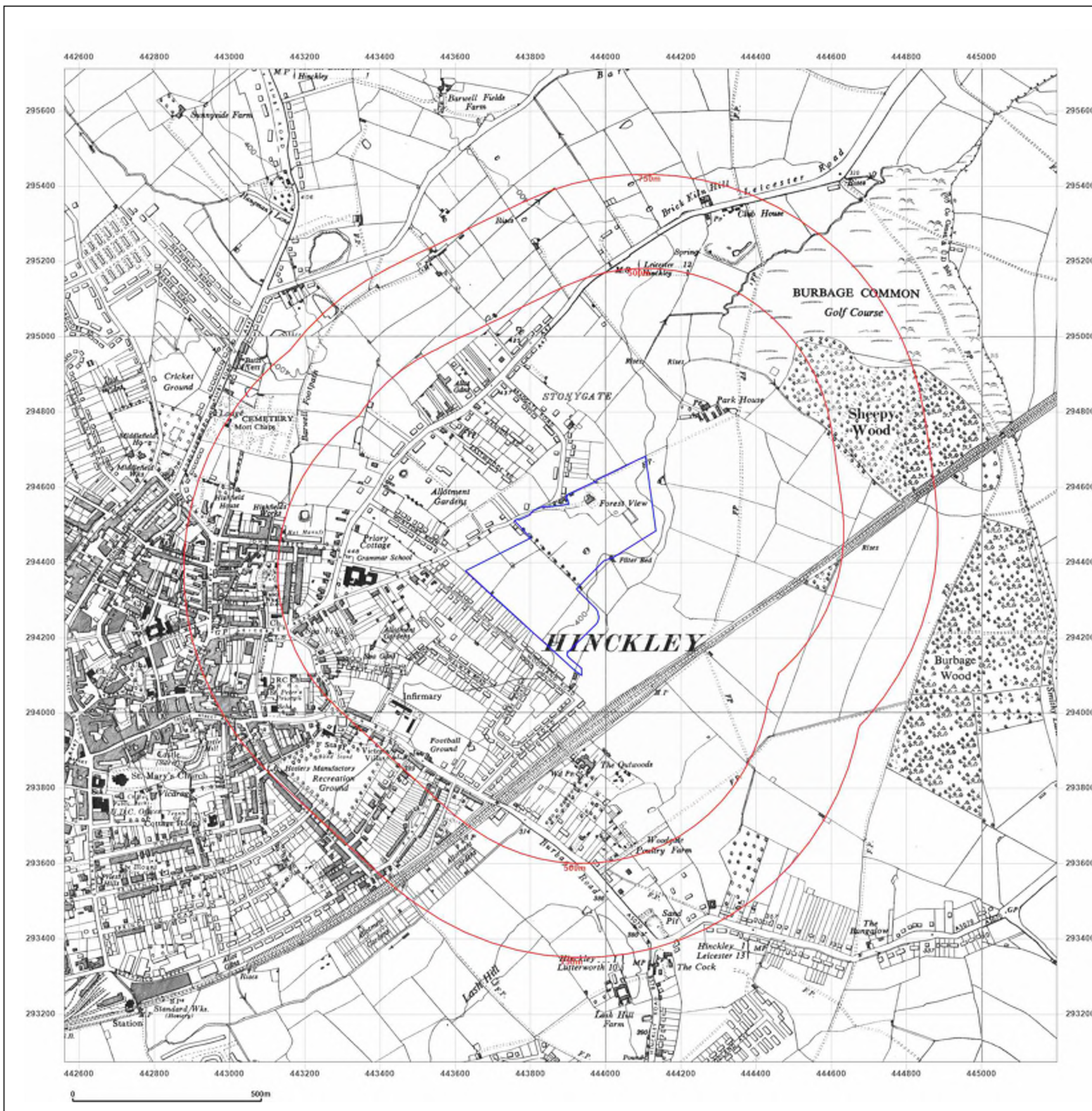


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HINCKLEY, LE10 1LE

Client Ref: 7002375_-_B030162_Hinckley
Report Ref: GS-8028836
Grid Ref: 443880, 294391

Map Name: Provisional

Map date: 1967-1968

Scale: 1:10,560

Printed at: 1:10,560



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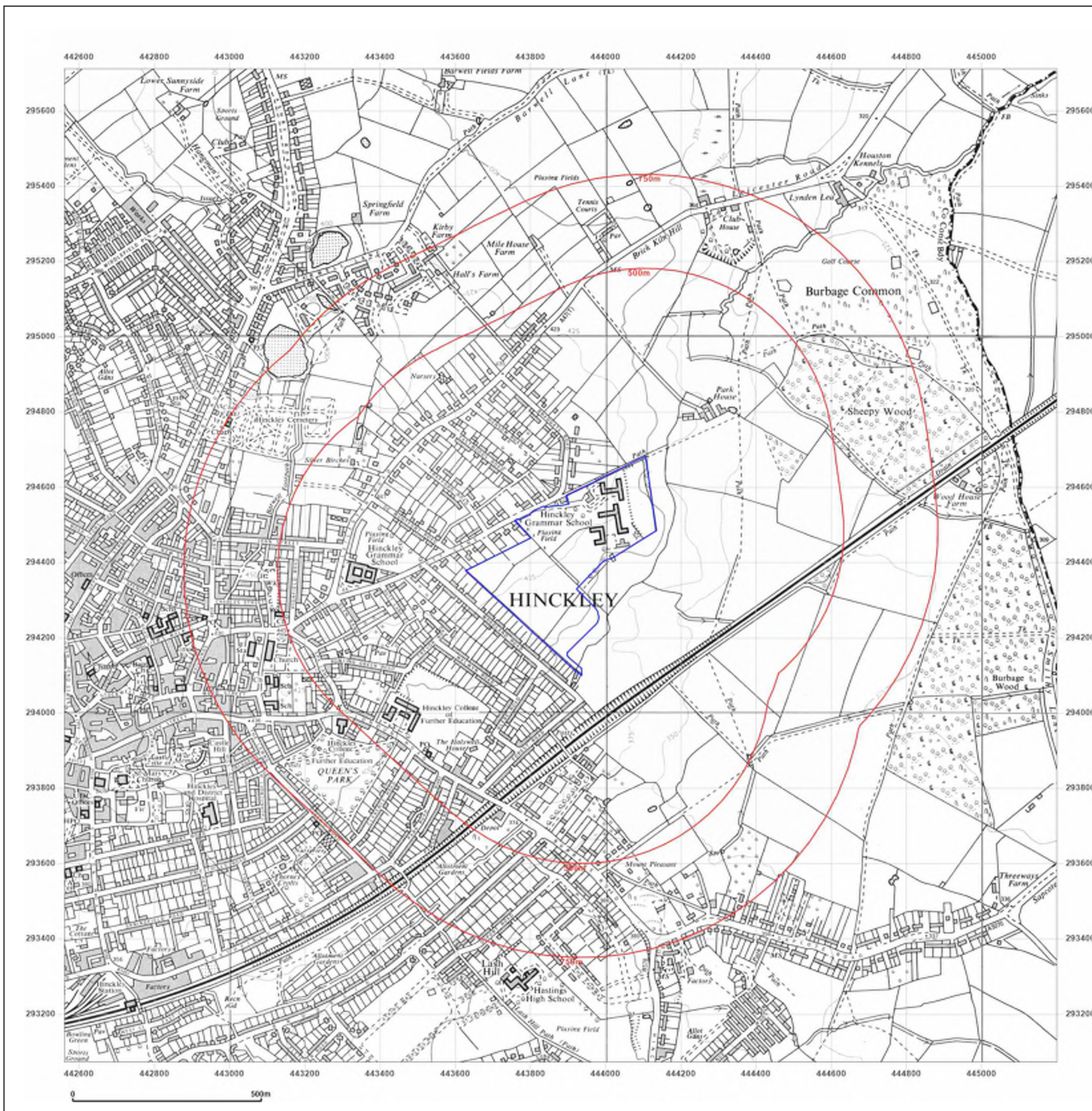


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Client Ref: 7002375_-_B030162_Hinckley
Report Ref: GS-8028836
Grid Ref: 443880, 294391

Map Name: National Grid

Map date: 1977-1980

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1977
 Revised 1979
 Edition N/A
 Copyright 1980
 Levelled 1965

Surveyed 1972
 Revised 1980
 Edition N/A
 Copyright 1980
 Levelled 1965

Surveyed 1975
 Revised 1977
 Edition N/A
 Copyright 1977
 Levelled 1965

Surveyed 1976
 Revised 1979
 Edition N/A
 Copyright 1979
 Levelled 1965

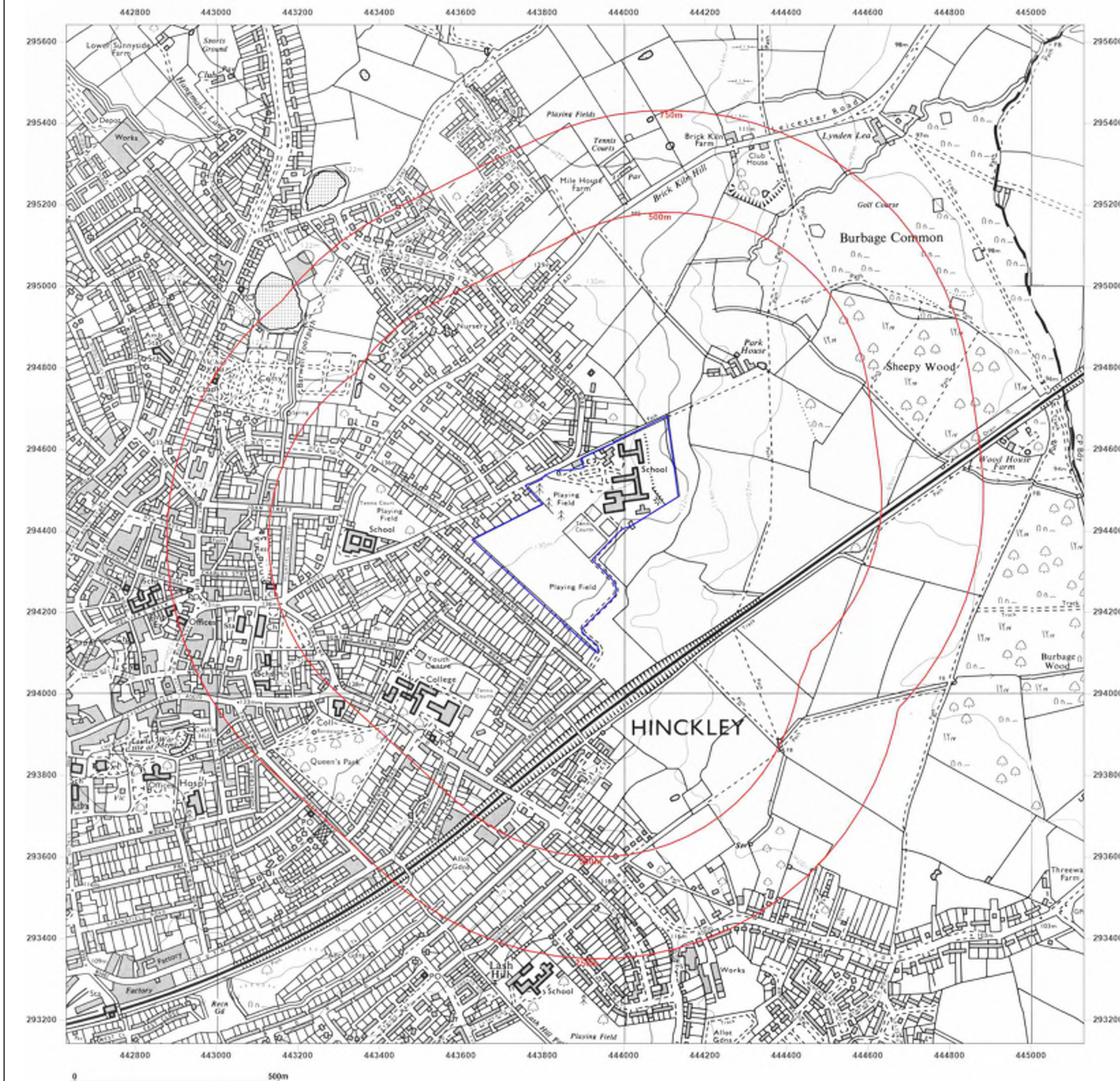


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Site Details:

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CLEVELAND SIXTH FORM
CENTRE, JOHN CLEVELAND
COLLEGE, BUTT LANE,
HINCKLEY, LE10 1LE

Client Ref: 7002375_-_B030162_Hinckley
Report Ref: GS-8028836
Grid Ref: 443880, 294391

Map Name: National Grid

Map date: 1983

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1982
Revised 1983
Edition N/A
Copyright N/A
Levelled N/A



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Client Ref: 7002375_-_B030162_Hinckley
Report Ref: GS-8028836
Grid Ref: 443880, 294391

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000



2001

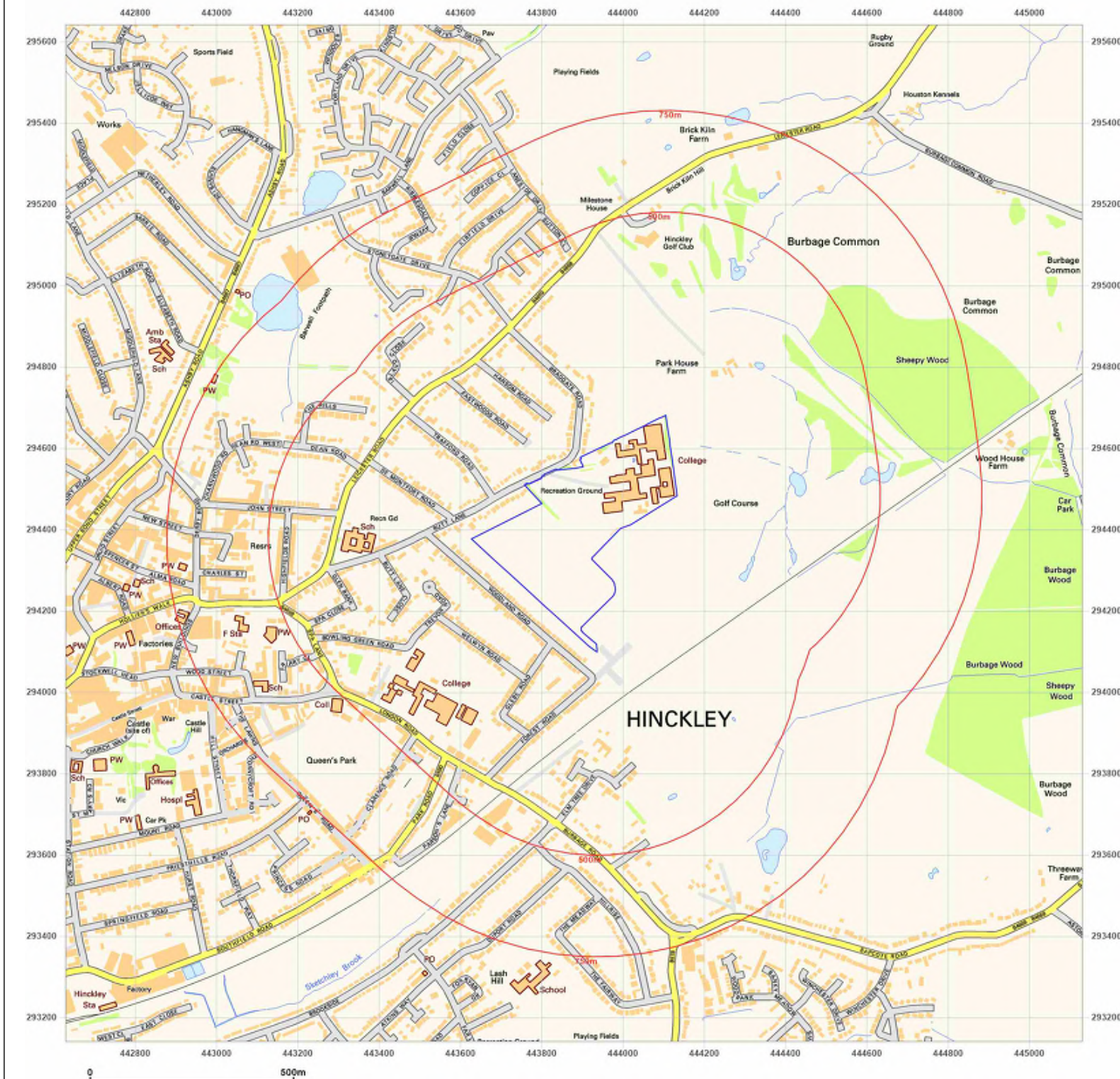


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Client Ref: 7002375_-_B030162_Hinckley
Report Ref: GS-8028836
Grid Ref: 443880, 294391

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000



2010

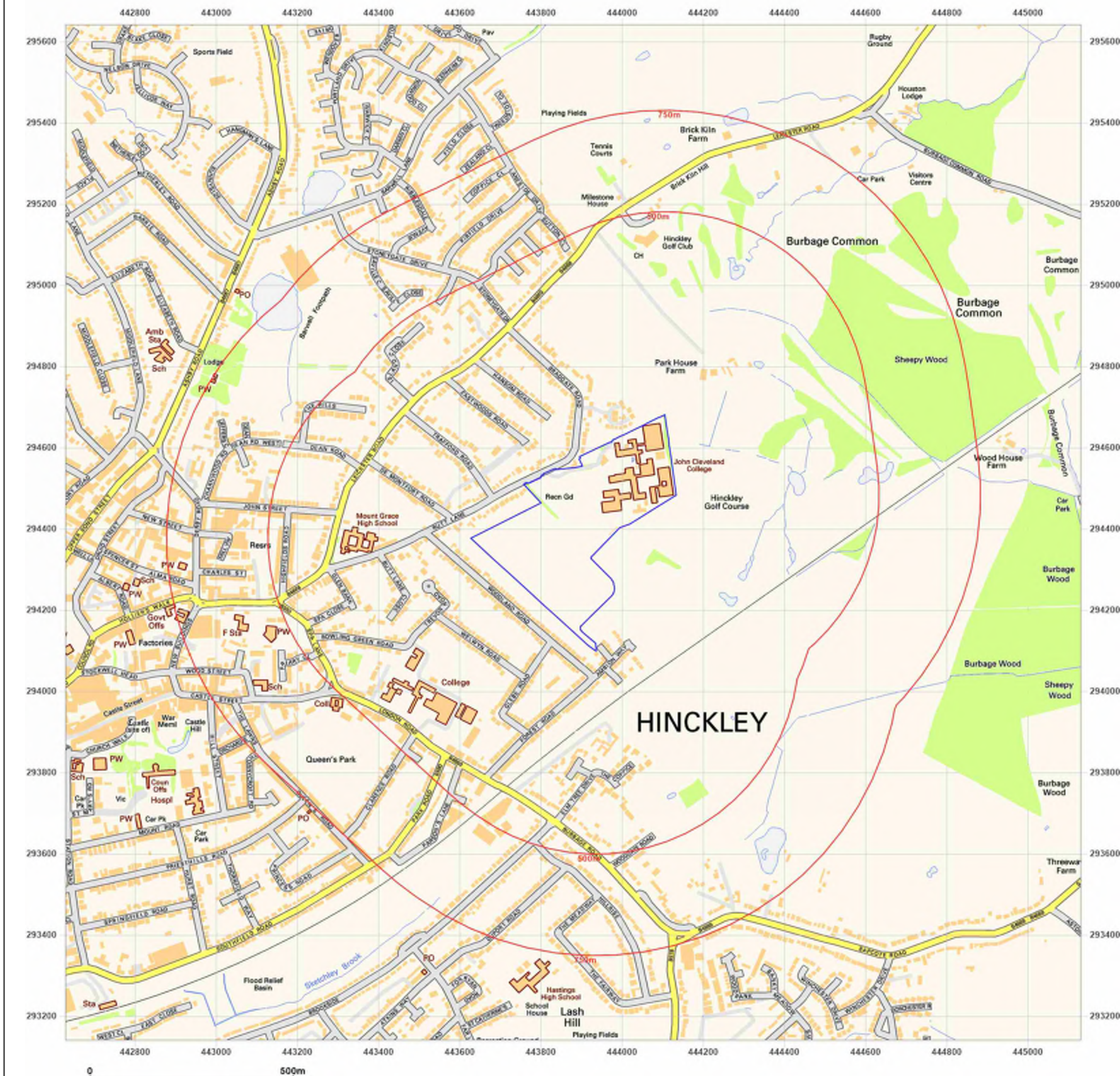


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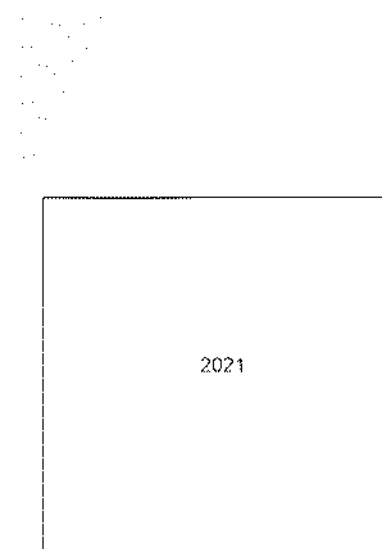
Client Ref: 7002375_-_B030162_Hinckley
Report Ref: GS-8028836
Grid Ref: 443880, 294391

Map Name: National Grid

Map date: 2021

Scale: 1:10,000

Printed at: 1:10,000



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