REPORT
on a
DESK TOP STUDY
for a
RESIDENTIAL DEVELOPMENT
at
LAND ADJACENT TO
HINCKLEY GOLF CLUB,
LEICESTER ROAD, HINCKLEY

Carried out by :

PRP

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Report reference number 31771 - 1

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1. Introduction

1.1. This desktop study was carried out on the instruction of Fisher German who are acting as agents to a developer seeking to construct residential properties on the site.

1.2. The purpose of the desk study was to obtain data on the history and environs of the site in order to satisfactorily assess any potential pollution linkages that may be present on site or in the immediate vicinity and thereby properly assess the pollution linkages and comply with the local authority planning policy.

1.3. The conditions stated in the appendix to this report were applied to this report and are to be read and construed accordingly.

2. Site Location and Description

2.1. The site is situated approximately 1.5 kilometres North West of Hinckley town centre at National Grid reference 444010, 294890 and it occupies and area of approximately 8.2ha. The site is approximately rectangular in shape and its main axis are orientated along a North West to South East direction.

2.2. The North West boundary was formed by the B4668 Leicester Road, whilst the North East boundary was formed by the access road to Park House Farm. The South West and South Eastern boundaries were formed by hedgerows which abutted back gardens to residential properties and a golf course respectively.

2.3. The site was divided into three separate fields with hedges running from the South West to the North East boundaries. There were no significant trees on the site at the time of the walkover survey although there were mature trees of various types around the perimeter.

2.4. Summary details of the site boundaries and adjacent land use are:

Boundary	Boundary Construction	Adjacent Land Use	Proximal Land Use
North West	Mature Hedge and fence	- Highway (B4668 Leicester Road)	Residential
North East	Mature hedge	- Access road	Golf club
South East	Mature hedge and trees	- Golf club	Golf club and John Cleveland College
South West	Mixture of hedge, trees and fences	- Residential	Residential

3. Environmental Setting

3.1. The site is situated on the Eastern side of Leicester Road between Bradgate Road and the Hinckley Golf club. It is approximately 450 metres long and 200 metres wide and is at an elevation of approximately 130 metres above Ordnance Datum. There are no industrial facilities within the immediate vicinity of the site.

3.2. The 1:625 000 series geological map for the South of the country indicates that the site is underlain by Triassic Mudstones including Keuper Marl, Dolomitic, Conglomerate and Rheatic, this strata is known to be in the order of two hundred million years old. There is no drift deposit annotated on this map.

3.3. The 1:50 000 series geological map for the area sheet number 169, (Coventry) is more definitive and indicates that the site is underlain by Oadby Till which is a glacial drift deposit from the Pleistocene and Recent Period and was laid down approximately two million years ago. The map also indicates that below the Oadby Till there might be Wolston Sand and Gravel and Wolston Clay, all three of these deposits are part of the Wolston Glacial Succession and are in the order of two million years old.

3.4. The groundwater vulnerability map (Sheet Number 23 Leicestershire) shows the site to be underlain by a minor aquifer (variable permeability) and soils of intermediate leaching potential class. This minor aquifer is likely to be one or more of the strata that form the Wolston Glacial Succession and is therefore likely to be very close to the surface.

3.5. The soil vulnerability classification groups the many different soils of England and Wales into three classes (High, Intermediate, and Low leaching potential) and six sub classes. Each is based on physical and chemical properties of the soil that affect the downward passage of water and contaminants. These include; texture, structure, soil-water regime, and the presence of distinctive layers such as raw peaty topsoil, rock, or gravel at shallow depth. Soil information for urban areas is often based on fewer observations then elsewhere and a worst-case vulnerability classification (HU) is therefore assumed for these areas. All are given a designation HU until proved otherwise.

3.6. The nearest body of surface water shown is a drainage ditch on the golf course located 76 metres South East of the site. The Environment Agency flood risk map for the area indicates that this ditch and all other water courses in the area are not subject to flooding and therefore any property founded within the site would not be subject to flooding for a storm of return period greater than 1 in 1000 year return period.

3.7. The site is not recorded as being located within a groundwater protection zone 1, 2 or 3 and there are no source protection zones within 1000 metres of the site. These zones have been established by Environment Agency for nearly 2000 groundwater sources used for public drinking water supply. Generally if a site is not within one of these zones the risk of pollution released on the site affecting the public water supply is negligible or very small.

3.8. Three zones are defined:

Zone I	- Inner	Where the travel time of water in the aquifer to the source is 50 days or less.
Zone II	- Outer	Either 25% of the source area or a 400 day travel time whichever if greater.
Zone III	- Total Catchment	The total area needed to support the abstraction from the protected source.

4. History of the Site

4.1. 1887 Map

4.1.1. The 1:10 560 map for the area indicates that the site and much of the surrounding area is agricultural land. There are three field boundaries clearly shown traversing the site and in fact these are remarkably similar to those visible on site at the present time.

4.1.2. Park Farm House is clearly shown on the Eastern boundary and Leicester Road is also shown along the North Western boundary.

4.1.3. The city of Hinckley is shown well developed approximately 1400 metres to the South West of the site.

4.1.4. There is a railway line passing approximately 500 metres to the South East of the site.

4.2. 1886 - 1931 Maps

4.2.1. There has been no significant development in the area.

4.3. 1938 Map

4.3.1. Bradgate Road, a small road to the South of the site is now shown with isolated buildings along the length of the road.

4.3.2. To the North, East and West of the site there has been no significant development.

4.3.3. A small club house is shown some 400 metres North of the site which no doubt forms part of the adjoining golf course and rifle range. These two activities cover some of Burbage Common.

4.4. 1955 - 1984 Maps

4.4.1. The land immediately to the South of the site and West of Leicester Road has been developed further with mostly residential development and a large school has also been constructed abutting the South West corner of the site.

4.5. 1999 - 2009 Maps

4.5.1. This map shows the relocated position of the new Hinckley Golf Club which now appears to abut the Northern boundary of the site.

4.5.2. The remainder of the development appears to be relatively minor with isolated houses being constructed in the area.

4.6. Walkover Survey

4.6.1. The walkover survey was undertaken on Thursday 17th December 2009 when the weather was icy cold and windy. The purpose of the walkover survey was to identify potential sources of contamination, pathways and environmental receptors. The observations are discussed in Section 6 (Initial Conceptual Model) of this report.

4.6.2. The site was accessed from either the Leicester Road or the bituminous access track to the North of the site.

4.6.3. There was a distinct fall across the site from the South East corner to the North West corner, the fall was in the order of 10 metres.

4.6.4. The boundaries were generally as discussed in clause 2.4 of this report although the hedge on the North Eastern boundary was a little sparse and thin.

4.6.5. The site was all open farmland and was clearly being used as arable agricultural land and at the time of the walkover survey there were no crops growing but the field had been cultivated.

4.6.6. There was a gas monitoring station located on the North West boundary which would invariably mean that there was a gas main in the immediate vicinity although the exact position of the gas main was not known as there were no markers visible. These mains usually pass along the highway verges and obviously service local residential developments.

4.6.7. There also appeared to be a small pumping station on the South Eastern boundary, this would invariably be associated with the John Cleveland College and was unlikely to have any infrastructure on this site.

4.6.8. The walkover survey revealed that the only potential sources of surface contamination was associated with pesticides and fertilisers which would undoubtedly have been applied to the crops on the site throughout the history of the site.

5. Site Sensitivity

5.1. A search for data has been made by the Landmark Information Group and supplied under licence to PRP. The data is targeted to find pathways by which contamination could spread to targets vulnerable to contamination as well as the potential sources of contamination. The full data sheets are appended.

5.2. The following data types have no current active listings within 1000 metres of the site.

Contaminated land register entries and notices
Enforcement and prohibition Notices
Integrated Pollution Prevention and Control
Integrated Pollution Controls
Local Authority Integrated Pollution Prevention and Control
Local Authority Pollution Prevention and Control Enforcements
Pollution Incidents to Controlled Waters
Prosecutions relating to controlled waters
Registered radioactive substances
River Quality
River Quality Biology Sampling Points
River Quality Chemistry Sampling Points
Water industry act referrals
Source protection zones
Areas benefiting from flood defences
Extreme Flooding from Rivers or Sea without Defences
Areas benefiting from Flood Defences
Flood water storage areas
Flood defences.

5.3. Discharge Consents

Search Radius	Description	Location
On site	None listed.	
0 to 250m	None listed.	
251 to 500m	3 listed. These relate to Fairways Court (Hinckley) ltd. and are associated with a residential development which discharges treated final effluent into a lake/reservoir 398m from the site.	398m W
501 to 1000m	8 listed although 2 have been revoked. These all relate to sewage treatment and treatment of final effluent from various sources which include Hinckley Town Cricket and Rugby club and various domestic properties.	504m SW – 976m E

5.4. There are two Local Authority Pollution Prevention and Controls entry in the dataset which relate to both petrol filling station located 933 metres and 1000 metres South of the site.

5.5. There is one Prosecution Relating to Authorised Processes but this is in the order of 689 metres from the site, the prosecution took place in 1998 and the offender was found Not Guilty consequently the risk is considered negligible.

5.6. There is one entry in the Substantiated Pollution Incidents register recorded in December 2007 as follows

Search Radius	Direction (No)	Category	Pollutant
On site			None listed
0 to 250m			None listed
251 to 500m			None listed
501 to 1000m	922m NE(1)	All 4	Inert Construction materials.

Notes

Category 4 is No Impact
Category 3 is a minor incident
Category 2 is a significant incident
Category 1 is a major incident

5.7. There is one water abstraction licence between 501 metres and 1000m of the site and a further seven located between 1000 metres and 2000 metres from the site. The sources of the extractions are from both surface and ground waters and are associated with agriculture or irrigation purposes for the Hinckley Bowls and Football Club.

5.8. Within the waste dataset there are no entries within 2000 metres of the site for the following entries

BGS Recorded Landfill Sites
Integrated Pollution Control Registered Waste Sites
Licensed Waste Management Facilities
Registered Waste Transfer Sites
COMAH Sites
Explosive Sites
NIHHS sites
Planning Hazardous Substance Consents
Planning Hazardous Substance Enforcements.

5.9. There is one Historical landfill site located 541 metres West of the site, this relates to Asda off Barwell Lane and the last input date was 31st December 1965. There is no information relating to groundwater or surface water conditions, however this is so far from the site there is unlikely to be any effect upon the end user of the site.

5.10. There are four Licensed Waste Management Facility entries in the waste dataset however, one has been closed, one remains active and three are still 'issued', the closest one is 638 metres from the site and relates to a skip hire. These are unlikely to have any significant effect upon the end user or the building placed upon the site.

5.11. There are two Local Authority Recorded landfill sites indicated in the waste dataset, both of these relate to the operations undertaken by Leicestershire County Council and are located 542 metres and 784 metres from the site. In both cases the status is unknown.

5.12. There is one Registered landfill site located 922 metres from the site, it is operated by FE Downes and is authorised to deal with topsoil, subsoil and naturally occurring materials, it is therefore unlikely to have any effect upon the development of the site.

5.13. There is one Registered Waste Treatment or Disposal Sites located within 1000 metres of the site but this is 627 metres from the site and relates to a scrap yard and transfer station, it is described as small with an input of between 10,000 and 25,000 tonnes per year. The site is authorised to accept putrescible, non-putrescible, inert and non hazardous materials.

5.14. There are no entries in any of the hazardous substances datasets.

5.15. Within the Geological dataset there are no entries within 2000 metres of the site for the following entries

BGS Mineral Sites
Brine Compensation Areas
Coal mining affected Areas
Mining Instability
Natural and Mining Cavities
Potential for Collapsible Ground Stability Hazards
Potential for Ground Dissolution Stability Hazards
Compressible Ground Stability Hazards
Radon Potential – Radon Affected Areas
Radon Potential – Radon Protection Measures
Shallow Mining Hazards .

5.16. The site is not within a Radon Affected area as less than 1% of the homes are above the action level.

5.17. Of the remaining entries in the geological dataset the hazard potential in all cases is assessed as either No Hazard, Low or Very Low, however from a contamination risk assessment point of view this is assessed as negligible.

5.18. There are a total of thirty two contemporary trade directory entries between 0 and 1000 metres of the site, however only one is within 500 metres of the site and a further thirty one are between 501 metres and 1000 metres of the site. Fifteen of the entries including the closest one are now described as inactive and therefore are unlikely to pose a further risk to the site.

5.19. Within 500 metres of the site there are a domestic and commercial cleaning service, a commercial dry cleaners, a launderette and three petrol service stations. The closest petrol filling station (541 metres from the site) is now obsolete but still may pose a threat to the end user of the site or any buildings placed on site. The next closest one is 935 metres from the site.

5.20. Commercial cleaners and dry cleaners all pose a potential risk to the end users on the site and any potential buildings.

5.21. The site is within a nitrate vulnerable zone, but this zoning relates only to restrictions on the use of agricultural fertilisers and is therefore not considered significant for residential development.

5.22. There is one site of special scientific interest indicated 848 metres to the East of the site, this relates to Burbage Wood and Aston Firs. This is considered as an environmental receptor, however as it is so far from the site then it is unlikely to be affected by the development of a residential development on the site. There is also one local nature reserve located at Burbage Common and Woods but again this is unlikely to be affected by development of the site.

5.23. With regard to the Historical Building Plans Information Dataset there are no entries within 1000 metres of the site. These include the following:-

Areas Cleared due to Enemy Action
Above Ground Fuel Tanks (100 metres)
Benzene, Benzole/Naphtha/Naphthalene/Kerosene
Electricity Generation
Electricity Sub-stations
Gas Industry
Gas Storage
Gas Use
Oil Industry
Oil Storage
Oil Use
Paint based Oils
Paraffin
Petrol and Diesel Storage
Petrol and Diesel Industry and Use
Potential Fuel Gas and Oil
Potential Fuel Oil and Use
Potential Petrol and Diesel
Potential Tanks
Potentially Fuel-related Tanks
Underground Fuel Tanks.

5.24. With regard to the Historical Land Use Information Dataset there are no entries for the following

Former marshes within 1000 metres of the site.
Historical Flood Liabilities.

5.25. There are thirteen Potentially Contaminative Industrial Uses (Past Land Use) listed for within 1000 metres of the site however, only three are closer than 500metres to the site and relate to a sewage, railways and clay bricks and tiles. Of the others there is a leather tanning and dressing site located 867 metres South of the site, however this had ceased trading by 1904.

5.26. There are two Potentially Infilled Land (Non-Water) entries within 1000 metres of the site, but they are in excess of 500 metres from the site and relate to a filled quarry located in excess of 531 metres West of the site and it is therefore unlikely to affect the site.

5.27. There are twenty seven Potentially Infilled Land (Water) entries within 1000 metres of the site, however the majority of them appear to be South or South West of the site and therefore may well be associated with the development of the golf course or housing estate to the South of the site. These filled areas do not appear to be shown on the Ordnance Survey maps and so are likely to be relatively small and will therefore not constitute a significant risk to the end user.

5.28. There are two entries, one right on the Northern boundary and another one at the John Cleveland College which relate to extractive works. These are only identified as points and since the maps show no signs of any pits being excavated then it is likely that these are only exploratory boreholes relating to possible extraction.

5.29. With regard to the Historical Tanks and Energy Facilities Dataset there are no entries for the following within 1000 metres of the site:-

Electrical Sub Station Facilities
Electrical Industry Facilities
Gas Industry Facilities
Miscellaneous Power Facilities
Oil Industry Facilities
Petroleum Storage Facilities
Potential Tanks
Tanks.

5.30. There is one entry for Gas Monitoring Station which relates to the unit located at the North West corner of the site. The location of the gas main blow remains an unknown.

6. Initial Site Conceptual Model

6.1. Introduction

6.1.1. United Kingdom Government guidance on the assessment of contaminated land requires risk to human health and to the environment to be reviewed using source-pathway-receptor linkage. If each of these elements is present, the linkage provides a potential risk to the identified receptors.

6.1.2. The initial conceptual model of the site is therefore based upon:

- The sources of contamination which may be present on, or may have an effect upon, the site.
- The possible exposure pathways which may exist between sources and receptors.
- The potential receptors which may be present on or adjacent to the site and their sensitivity.

6.1.3. This model is set in the context of the development proposals for the site and takes into account all the environmental, geological, hydrogeological, and historical information gathered and recorded in this report.

6.1.4. In order to assess the potential sources of contamination appropriately, reference has also been made to the DoE Industrial profiles, these are documents prepared by the DoE for over twenty industrial processes and they list the potential sources of contamination associated with each process and also where the sources may be found.

6.2. Potential Contamination Sources

6.2.1. The desktop data revealed that the site has never been developed. Having examined the historical site land use and the immediate environs, undertaken a walkover survey and referred to the Doe Industrial Profiles the potential for contamination effecting the site and the underlying minor aquifer is assessed as follows:

6.3. Historical On-Site Sources

6.3.1. The site has only ever been used for agricultural purposes as part of a farm, it has never been developed in any way shape or form. The only on-site source that could possible present a risk to the critical receptor relates to pesticides and fertilisers.

6.4. Current On-Site Sources

6.4.1. Current on-site contamination sources include near surface pesticides and fertilisers.

6.5. Historical Off-Site Sources

6.5.1. The data indicates that the potentially contaminative sources exist off site that may cause risk to the site are limited to:-
The railway located 495 metres to the East.
Quarrying of sand and clay 567 metres West of the site.
Of all the other potentially contaminative Industrial uses listed in the dataset none are considered to pose a significant risk of causing significant harm to the end-user of the site or any building located on the site.

6.6. Current Off-Site Sources

6.6.1. The gas monitoring station and underlying gas main located adjacent to the North West boundary is considered to be a potential source of contamination that may present a significant risk of causing significant harm to the end user or the building placed on site.

6.6.2. Dry cleaners and commercial cleaners may be a source of chlorinated solvents which could cause a plume in the Phraetic Zone which may extend below the site.

6.7. Pathways

6.7.1. Possible pathways for the transportation of possible pollutants are:

1. Direct contact and associated dermal exposure, including ingestion and inhalation of soil particles (dusts).
2. Direct contact between buried structures and the soil.
3. Leaching by infiltration of precipitation.
4. Ingestion of soil and dust attached to vegetables and fruit trees.
5. Migration through the Vadose Zone (usually buried service trenches).
6. Underground service trenches may act as a pathway.

6.8. Receptors

6.8.1. Potential receptors are:

1. End users of the site, the critical receptor is assessed to be the six year old female child.
2. The SSSI located on 848 metres East of the site
3. Buried structures and services.
4. The underlying Minor Aquifer.

6.9. Source - Pathway - Receptor Linkages Risk Assessment

6.9.1. The risk associated with historical potential on-site sources is unknown at present and therefore is considered to be significant and warrants further intrusive investigation.

6.9.2. The risk associated with direct contact between buried services and possible sources of contamination cannot be ascertained at present and warrants further investigation, this is also consistent with the risk associated with direct contact between property and possible sources of contamination as these cannot also be established.

6.9.3. The 1:50 000 geological map indicates that the site is overlying a minor aquifer which is considered to be an environmental receptor, is not only close to the surface but also may hold sufficient water supplies to present a problem with near surface excavations.

6.9.4. The desktop data indicates that the site has not been subjected to significant forms or contamination as there are no entries in the Substantiated Pollution Incident Register associated with the site however, at this stage there is still a significant risk that the underlying minor aquifer may become contaminated or be contaminated as a result of the possible contaminated sources leaching through the Vadose zone. Although the source is a finite source (Since all farming on site will cease if development commences) it may become 'mobile' following or during the construction phase of the works, when the precise nature of the sources is established it may appropriate to ensure contaminative sources are capped, thereby preventing leachate entering the Vadose Zone and ultimately the minor aquifer. It may also be appropriate to ensure that a positive stormwater drainage system is implemented to ensure that any possible contamination is not leached out into the aquifer.

6.9.5. In the unlikely event of the ground being unsuitable to support traditional pad, trench filled or strip foundations careful consideration should also be given to the use of piled foundations as these present a pathway to the downward migration of contaminants should there be any near surface sources.

6.9.6. A diagramatic representation of the initial conceptual model showing possible pollution linkages and unknowns is appended to this report.

7. Recommendations

7.1. Soil sampling for contamination should be undertaken in accordance with requirements indicated in the Environment Agency CLEA guidelines. Soil sampling densities should be such that a 95% confidence level is achieved and that each hot-spot should be no greater than the size of a domestic garden.

7.2. Near surface soil samples should be tested for a broad range of indicative contaminants including metals, semi-metals and non metals - this should include, but not be limited to, arsenic, cadmium, chromium VI and III, copper, lead, mercury, nickel and zinc. Isolated soil samples from the site should also be tested for pesticide content and the presence of organic and inorganic fertiliser compounds. Soil pH and sulphates should also be established as this may have an effect upon any concrete or buried service placed in the ground.

7.3. The location of any potential gas mains in the area should be located prior to the commencement of any intrusive investigations works on site.

7.4. During the intrusive investigation if ground water is encountered then samples should be recovered, logged and sent to a materials testing laboratory for testing. Tests should include a general sweep for contaminants.

7.5. Following completion of the laboratory testing generic assessment criteria (GAC) values should be determined and risk assessment undertaken using the "Guidance on Comparing Soil Contamination Data with a Critical Concentration" published by CIEH/CL:AIRE, 2008. The conceptual model should then be updated.

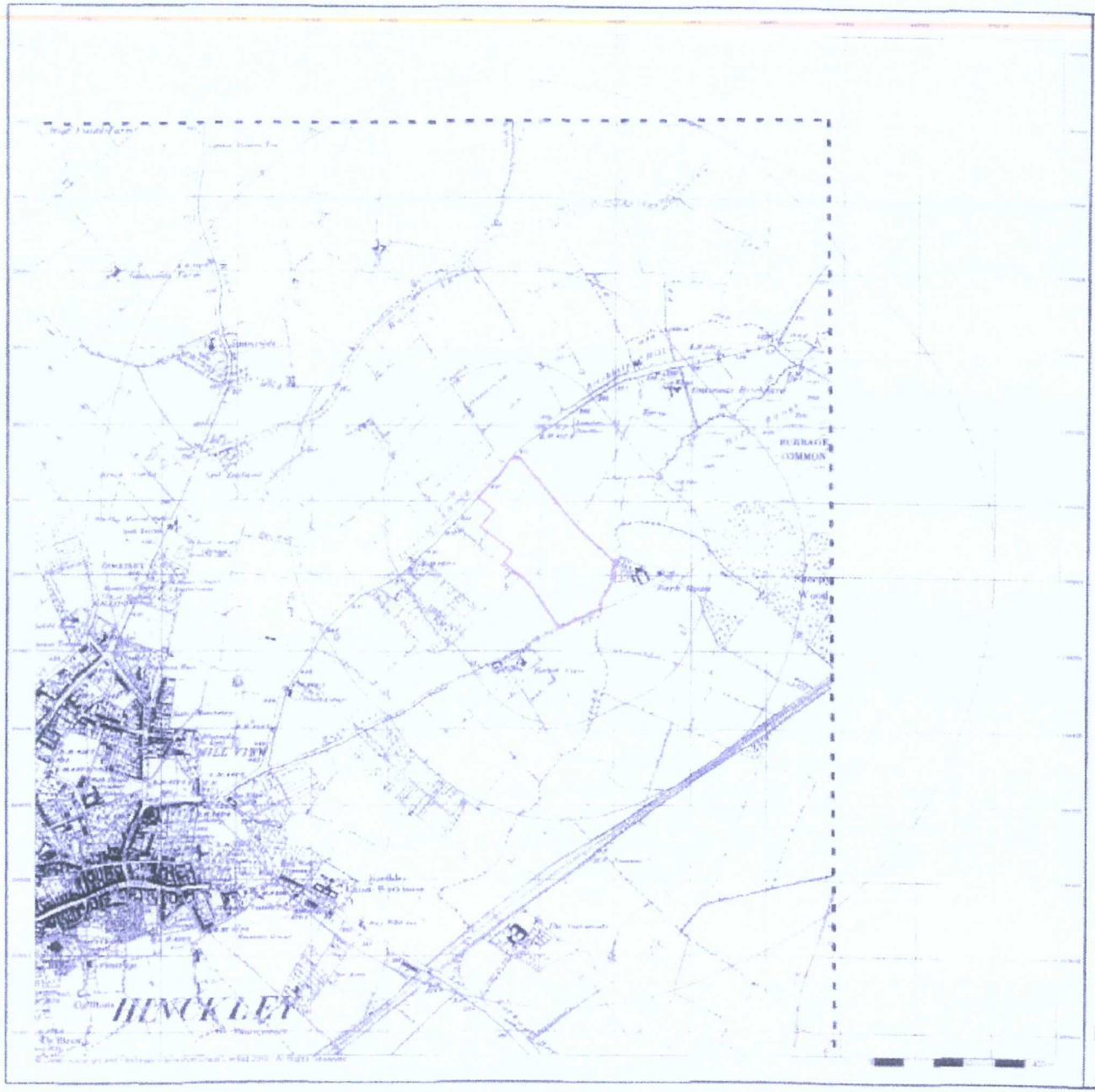
7.6. The depth of the underlying minor aquifer should be determined across the site, the quality of the water and the likely direction of flow should also be checked.

7.7. All laboratory testing work should be undertaken by an appropriately approved soils testing laboratory.

Barry Smith
B.Eng. C.Eng. M.I.Struct.E.
Director
PRP

APPENDIX 1

HISTORICAL MAPS



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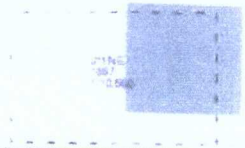
Warwickshire

Published 1887

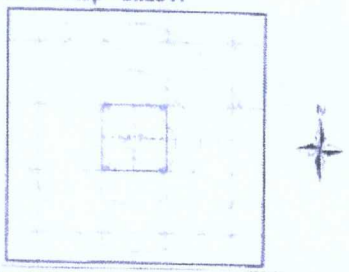
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's a Provisional Edition was produced which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were actually overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



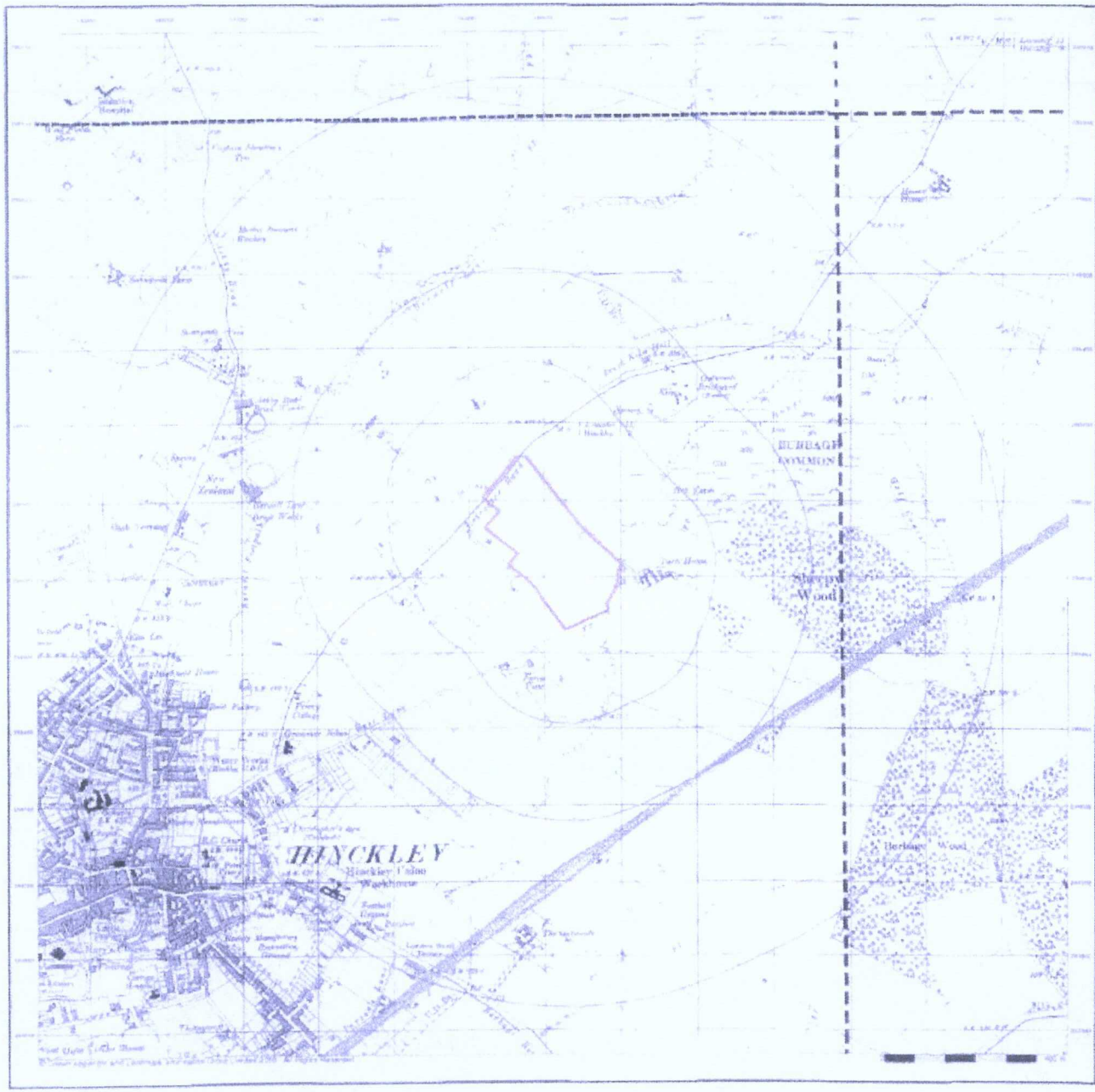
Order Details

Order Number:	28802624_1_1
Customer Ref:	31771
National Grid Reference:	444010, 294890
Slice:	A
Site Area (Ha):	8.18
Search Buffer (m):	1000

Site Details

1 Bradgate Road HINCKLEY Leicestershire LE10 1LA

Landmark



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Leicestershire

Published 1904

Source map scale - 1:10,560

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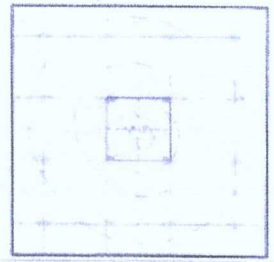
Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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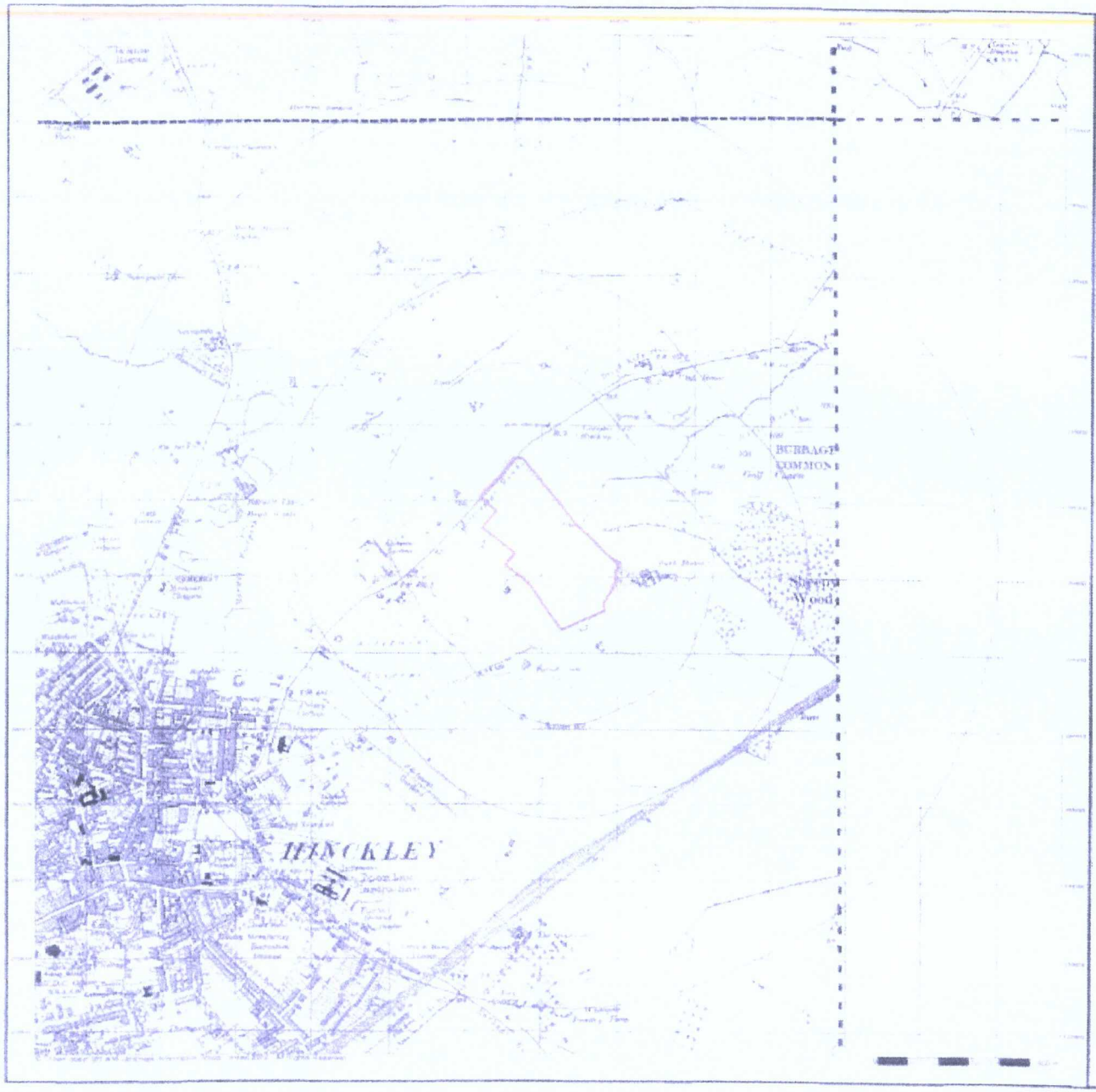
Customer Ref	31771
National Grid Reference	444010, 294890
Slice	A
Site Area (Ha)	8.16
Search Buffer (m)	1000

Site Details

1 Bradgate Road HINCKLEY Leicestershire LE10 1LA

Landmark



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Leicestershire

Published 1919 - 1931

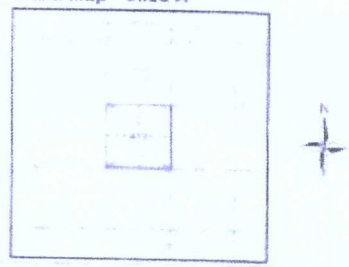
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas. These maps were used to update the 1:10,560 maps. The publication date given therefore is often some years later than the surveyed date. Before 1936, all OS maps were based on the Clarke Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced which updated the 1:10,560 mapping from a number of sources. The maps appear unflooded - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1972, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



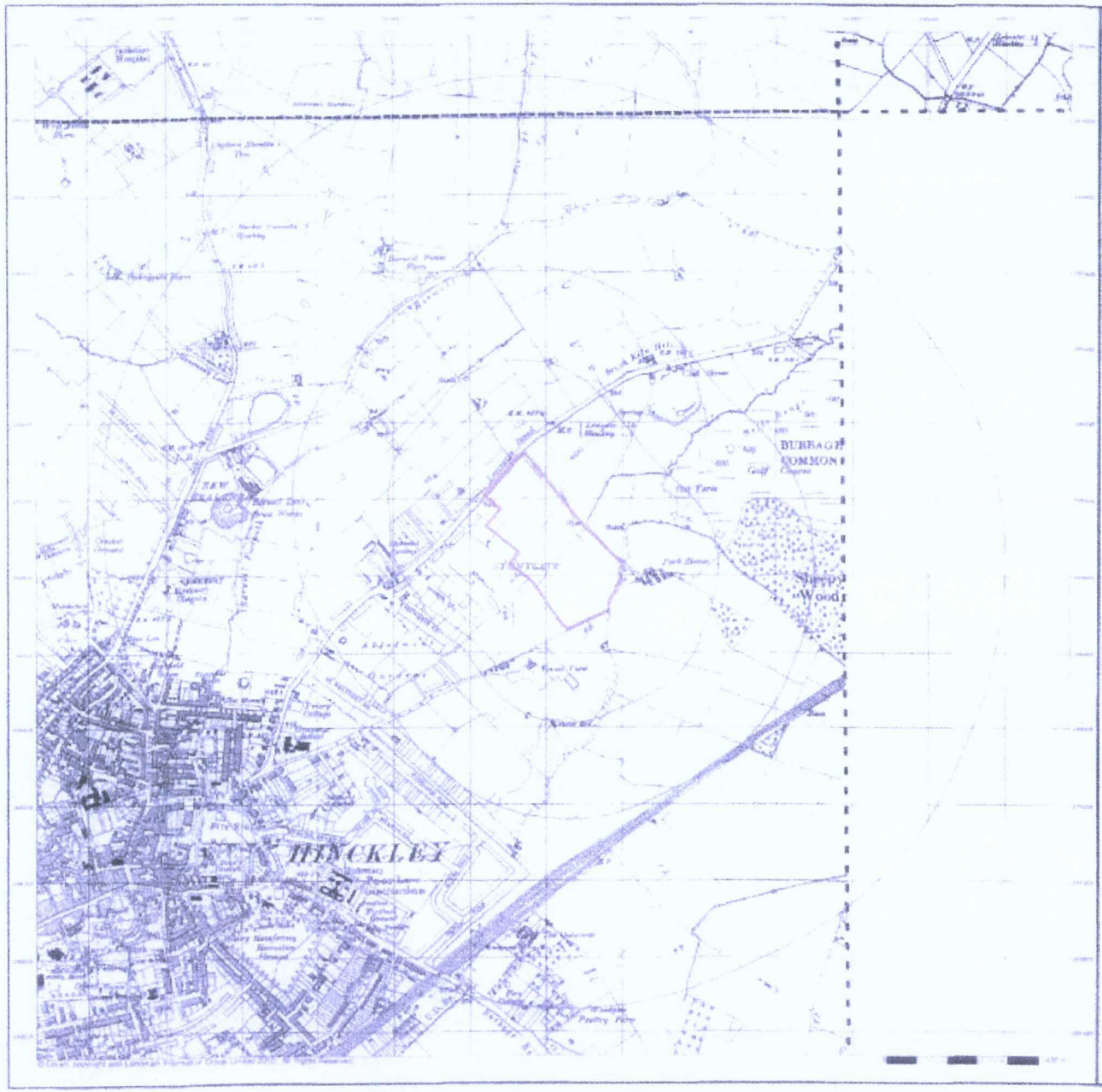
Order Details

Order Number	28802824_1_1
Customer Ref	31771
National Grid Reference	444010, 294890
Slice	A
Site Area (Ha)	9.18
Search Buffer (m)	1000

Site Details

1 Bradgate Road HINCKLEY Leicestershire LE10 1LA

Landmark



Envirocheck®

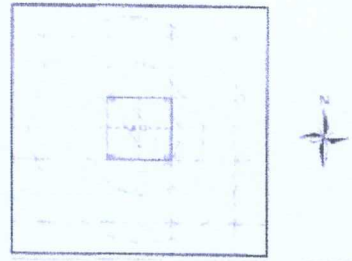
Leicestershire
Published 1938
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updates the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military names and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



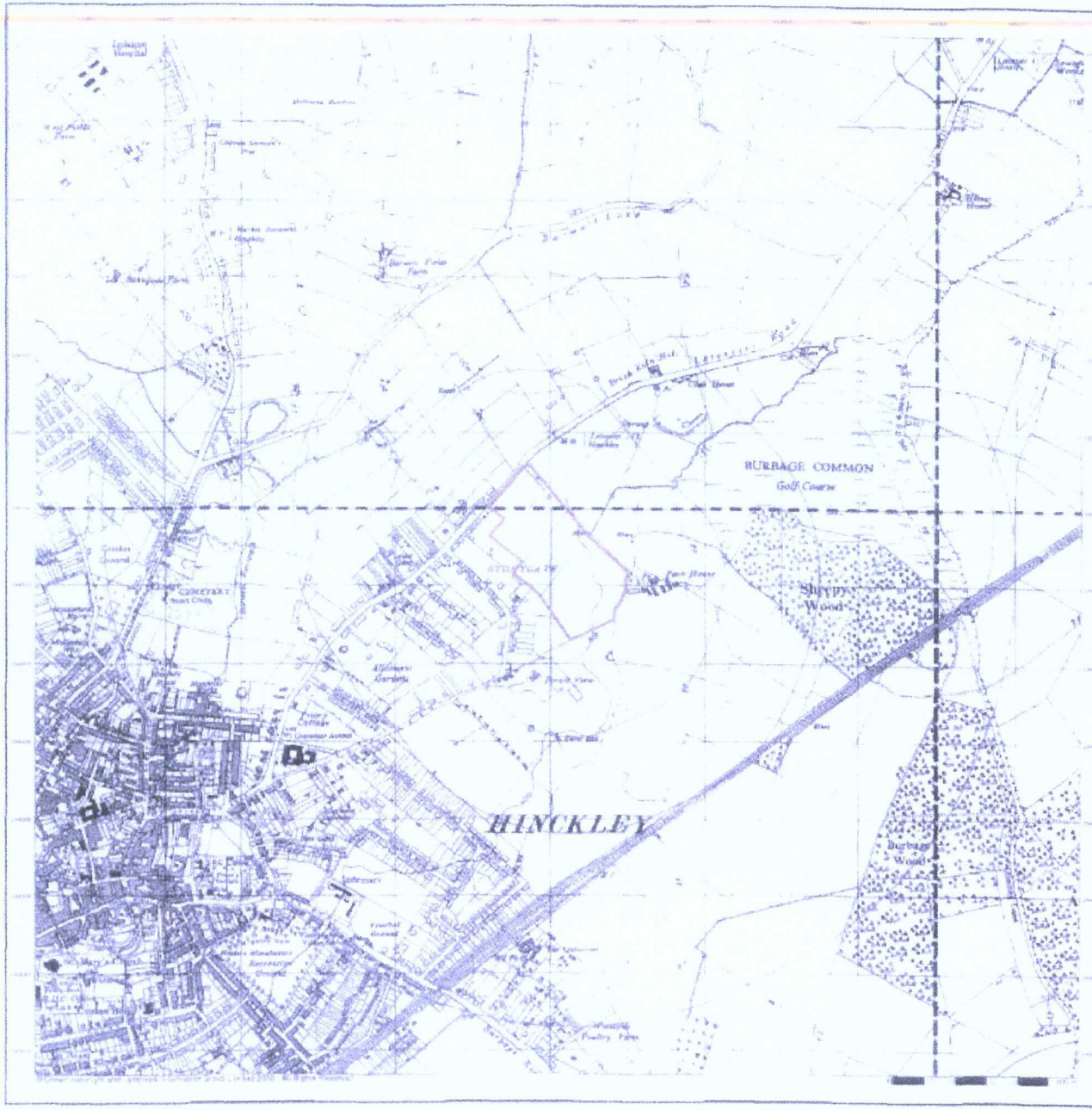
Order Details

Order Number	29802924_1_1
Customer Ref	31771
National Grid Reference	444010, 294880
Slice	A
Site Area (Ha)	9.18
Search Buffer (m)	1000

Site Details

1 Bridgate Road, HINCKLEY, Leicestershire, LE10 1LA

Landmark



Envirocheck®

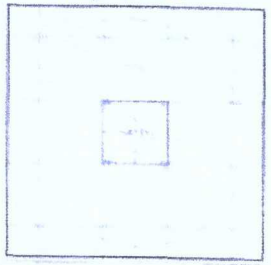
Ordnance Survey Plan
Published 1955
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

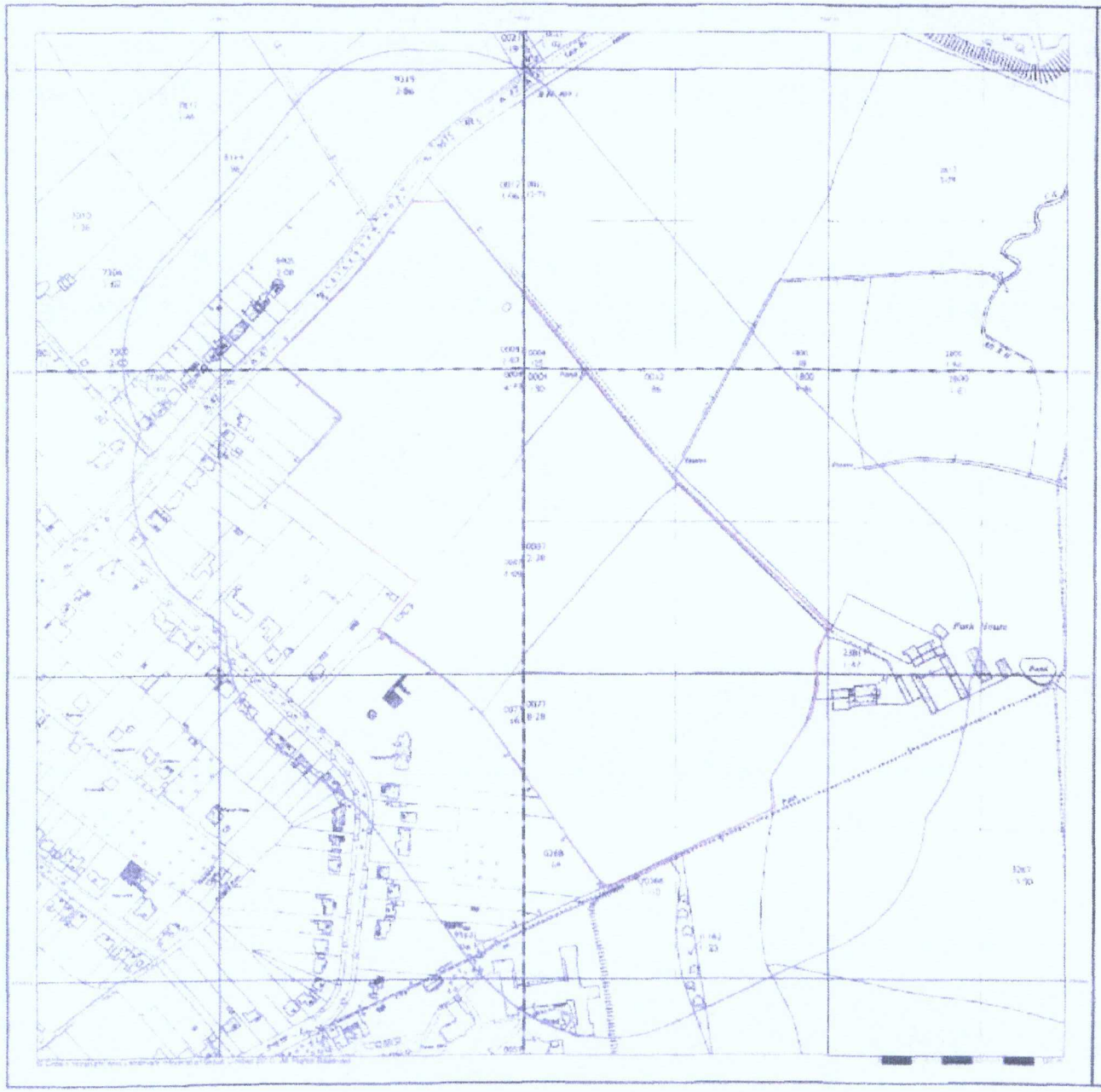
Order Number	29802924_1_1
Customer Ref	31771
National Grid Reference	444010, 294880
Slice	A
Site Area (Ha)	8.10
Search Buffer (m)	1000

Site Details

1 Bradgate Road, HINCKLEY, Leicestershire, LE10 1LA

Landmark

© Landmark Information Group Service

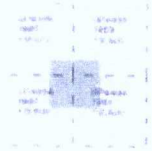


Envirocheck®

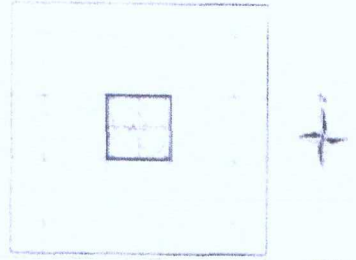
Ordnance Survey Plan
Published 1961 - 1965
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1895 it covering the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini projection, with independent surveys of a single county or group of counties giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



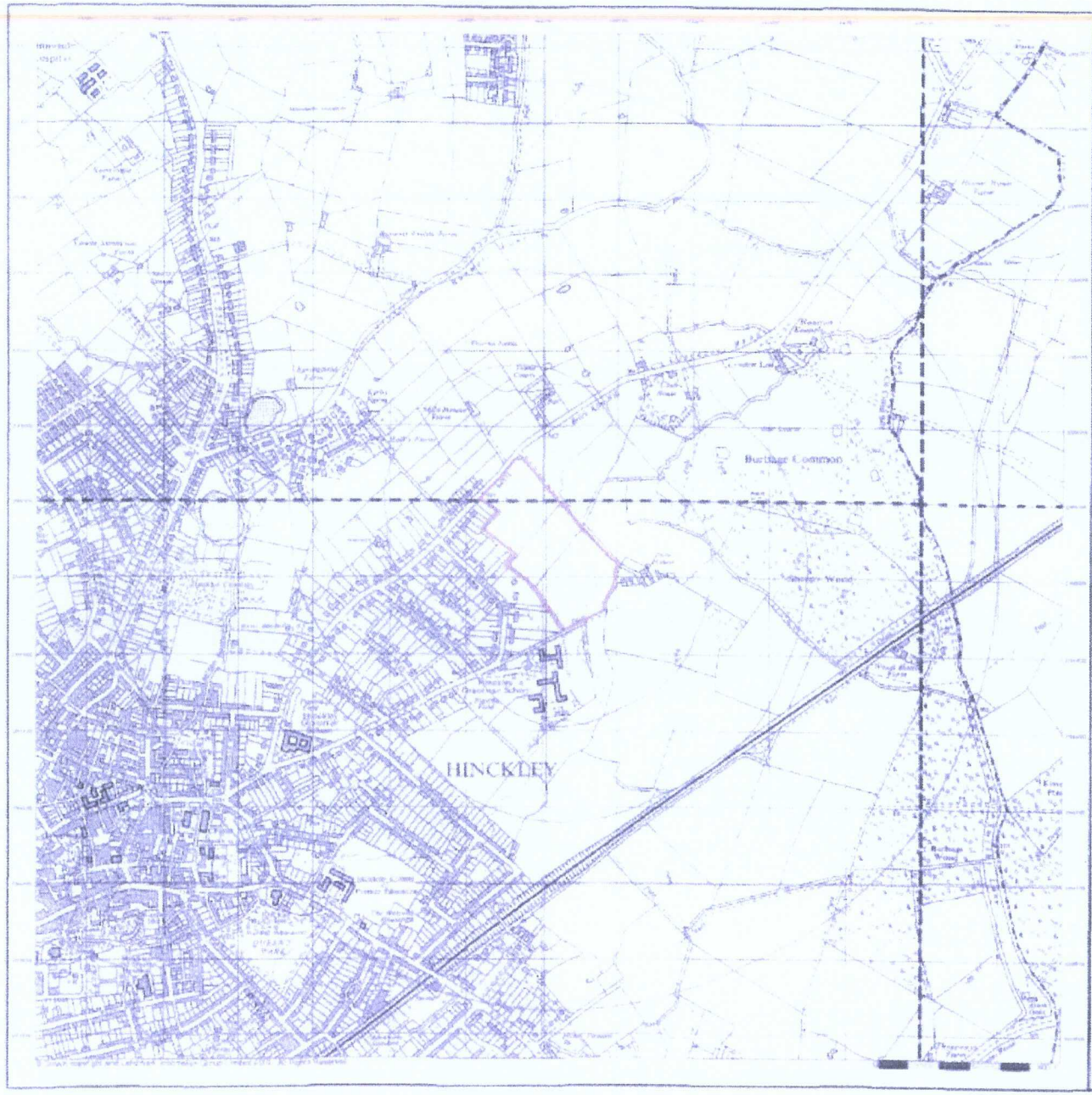
Order Details

Order Number	20802604_1_1
Customer Ref	31771
National Grid Reference	444010, 294890
Slice	A
Site Area (Ha)	8.18
Search Buffer (m)	100

Site Details

Bradgate Road HINCKLEY Leicestershire LE10 1LA

Landmark



Envirocheck

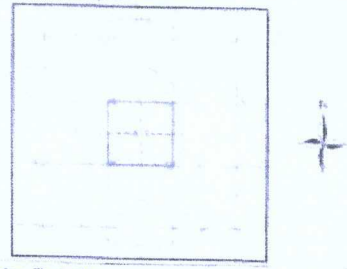
Ordnance Survey Plan
Published 1967 - 1968
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale supplied for England, Wales and Scotland in the 1940's. In 1854 the 1:2,500 scale was adopted for mapping urban areas. These maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracy in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1972, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number	26602924
Customer Ref.	31771
National Grid Reference	444010, 294890
Slice	A
Site Area (Ha)	9.18
Search Buffer (m)	1000

Site Details

1 Bridgegate Road, HINCKLEY, Leicestershire, LE10 1LA

Landmark



Envirocheck®

10k Raster Mapping

Published 1999 - 2000

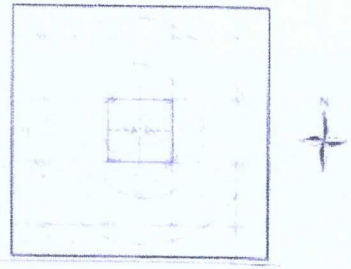
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



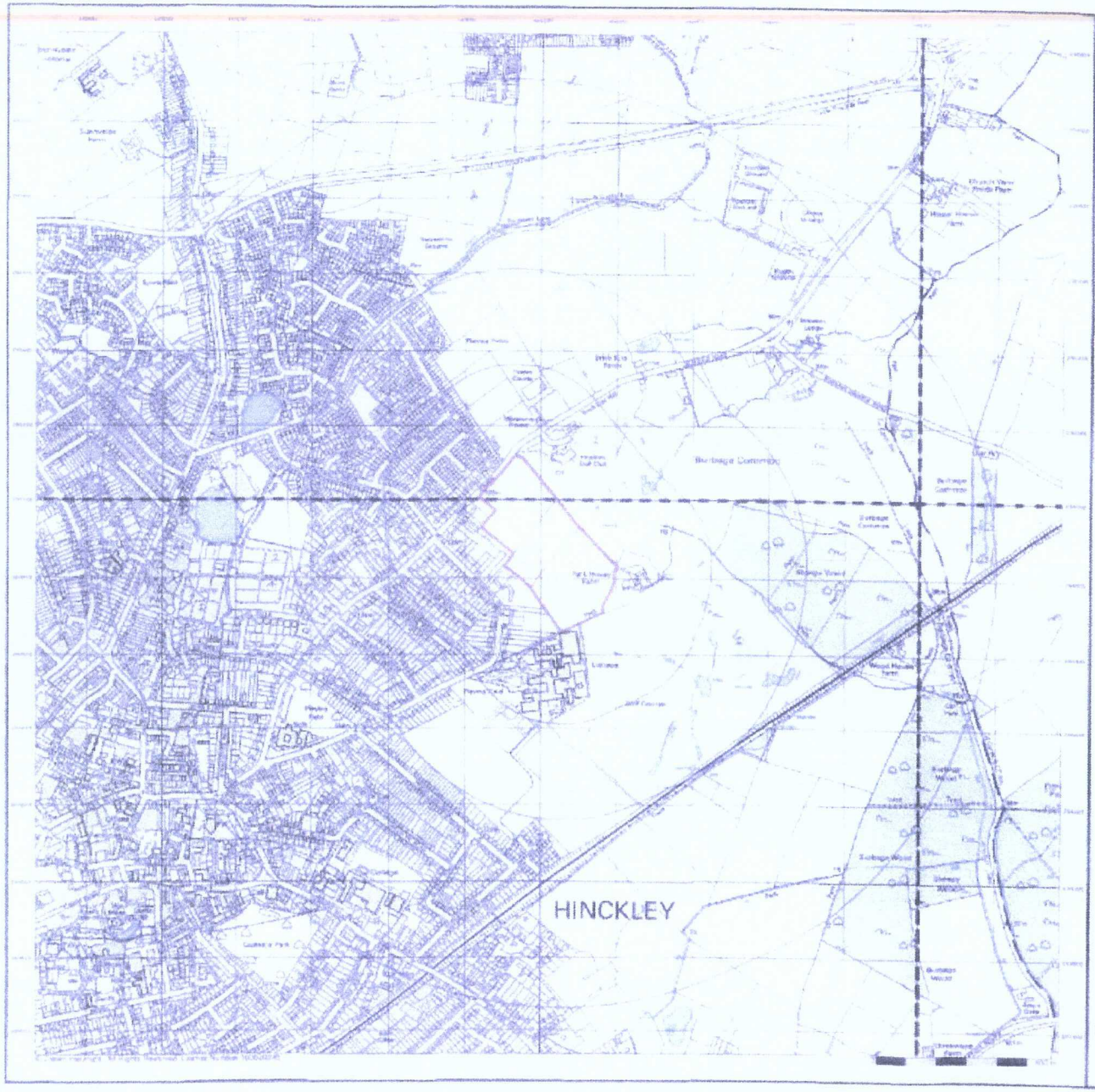
Order Details

Order Number	29802924_1_1
Customer Ref	31771
National Grid Reference	444010, 294890
Slice	A
Site Area (Ha)	8.16
Search Buffer (m)	1000

Site Details

1 Bradgate Road, HINCKLEY, Leicestershire, LE10 1LA

Landmark®



Envirocheck®

10k Raster Mapping

Published 2006

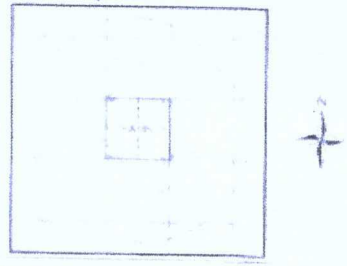
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



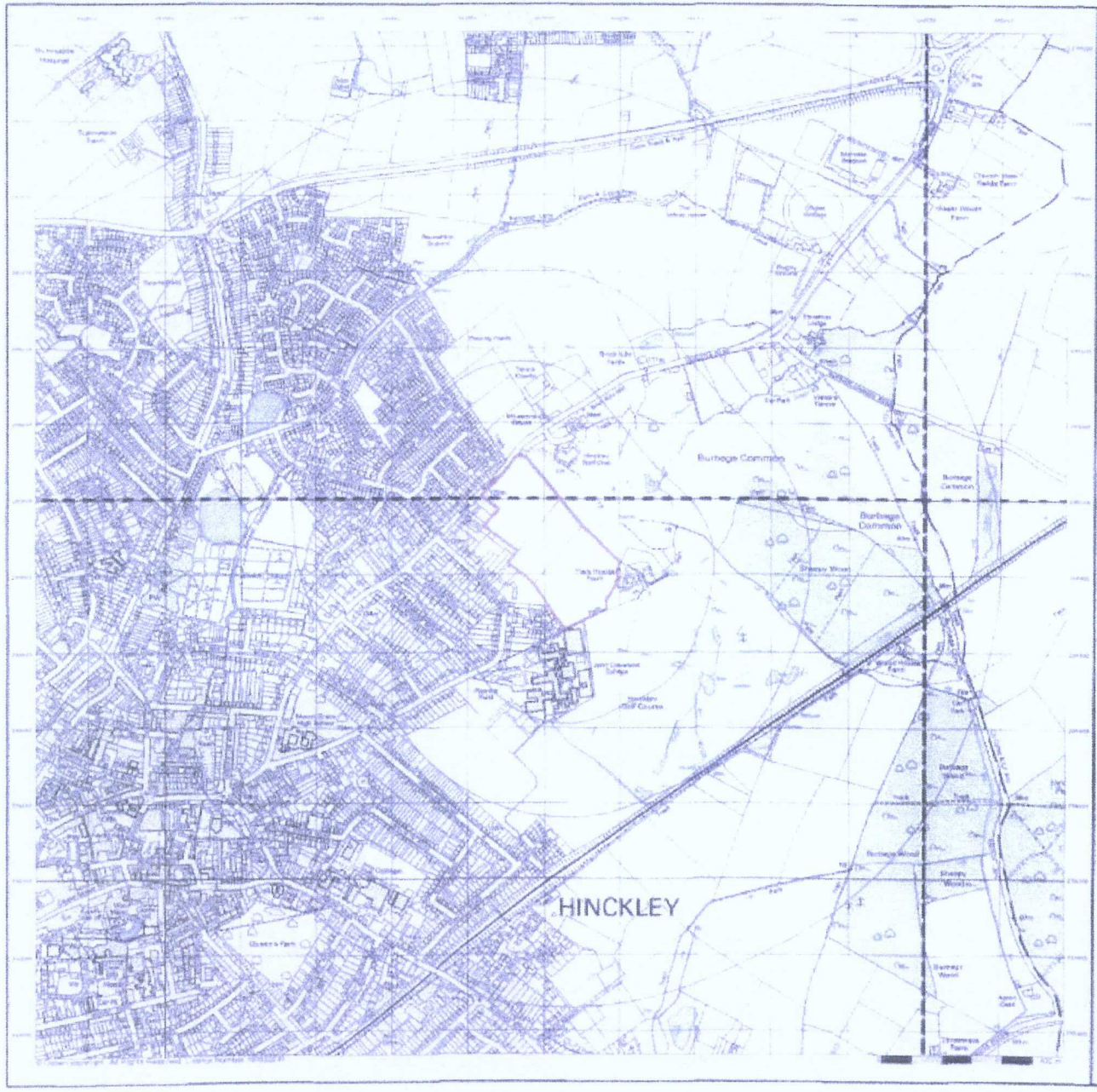
Order Details

Order Number	29802924_1_1
Customer Ref	31771
National Grid Reference	444010, 294850
Slice	A
Site Area (Ha)	8.18
Search Buffer (m)	1000

Site Details

1 Bridgate Road, HINCKLEY, Leicestershire, LE10 1LA

Landmark



Envirocheck®

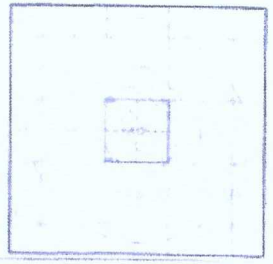
10k Raster Mapping
Published 2009
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number	29802924_1_1
Customer Ref	31771
National Grid Reference	444010, 294890
Slice	A
Site Area (Ha)	6.18
Search Buffer (m)	1000

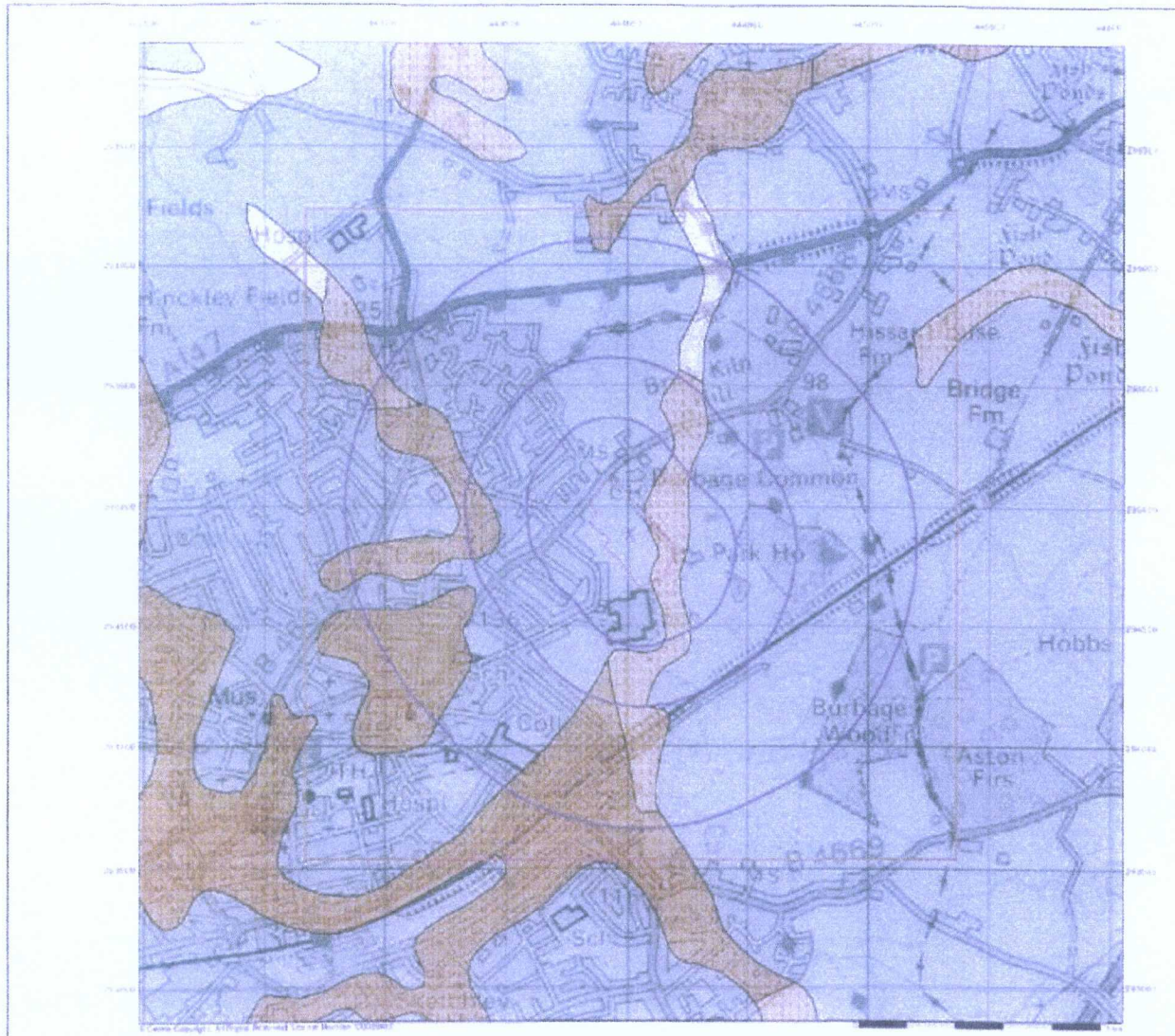
Site Details

1 Bradgate Road, HINCKLEY, Leicestershire, LE10 1LA

Landmark

APPENDIX 2

SITE SENSITIVTY MAPS



Envirocheck

Groundwater Vulnerability

General

Agency and Hydrological

Geological Classes | Soil Classes

Major Aquifer (Highly Permeable)

River Aquifer (Variably Permeable)

Non Aquifer (Negligibly Permeable)

Water in Sea

Drift Deposit

Site Sensitivity Context Map - Slice A

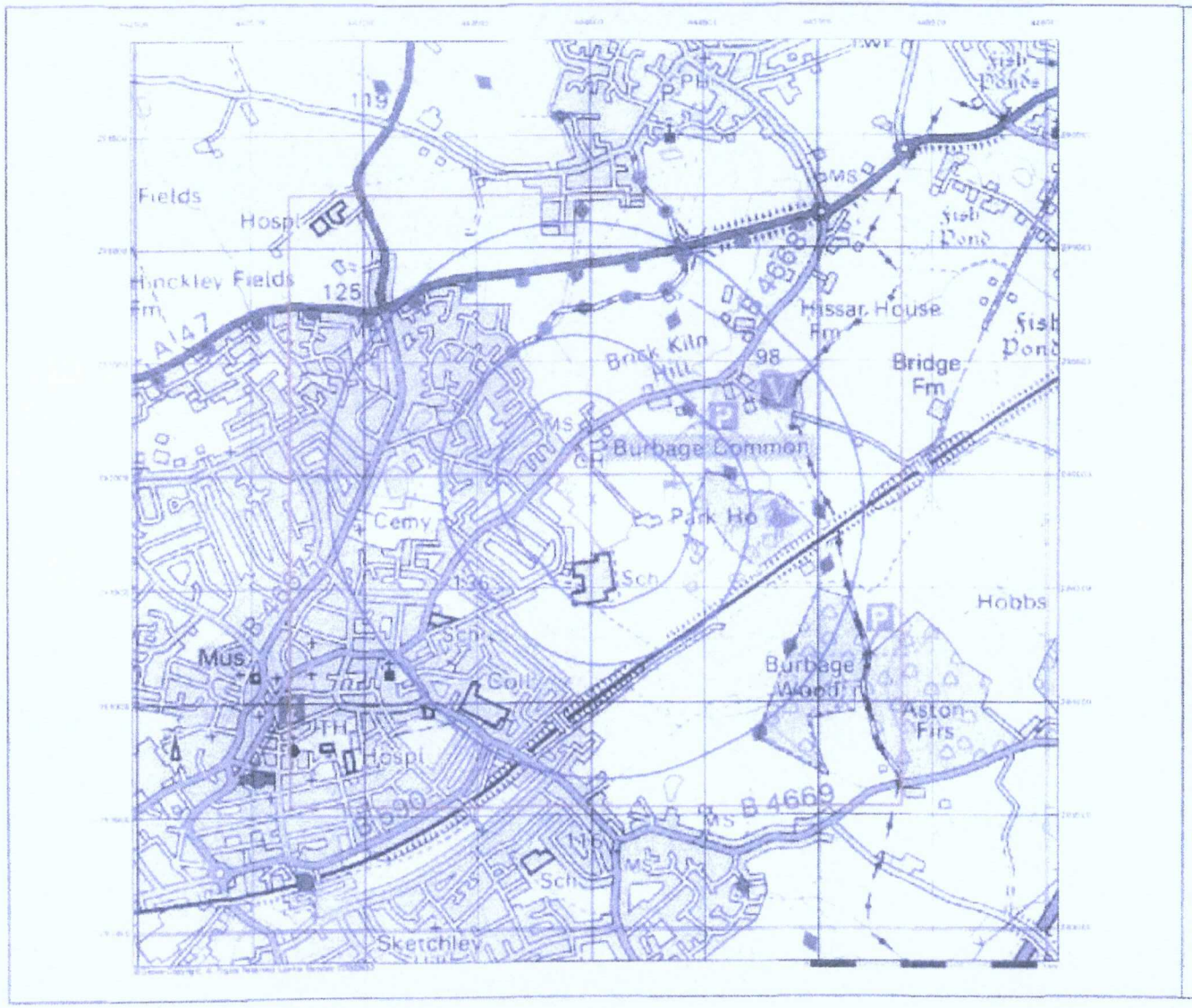
Order Details

Order Number:	29802504_1_1
Customer Ref:	31771
National Grid Reference:	444010, 294690
Slice:	A
Site Area (Ha):	8.16
Search Buffer (m):	1000

Site Details

1 Bradgate Road HINCKLEY Leicestershire LE10 1LA

Landmark



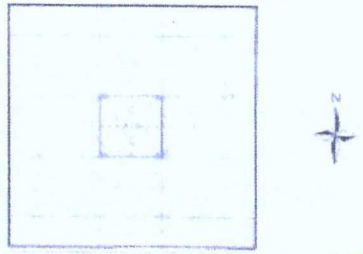
Envirocheck

Source Protection Zones

General

Agency and Hydrological

Site Sensitivity Context Map - Slice A



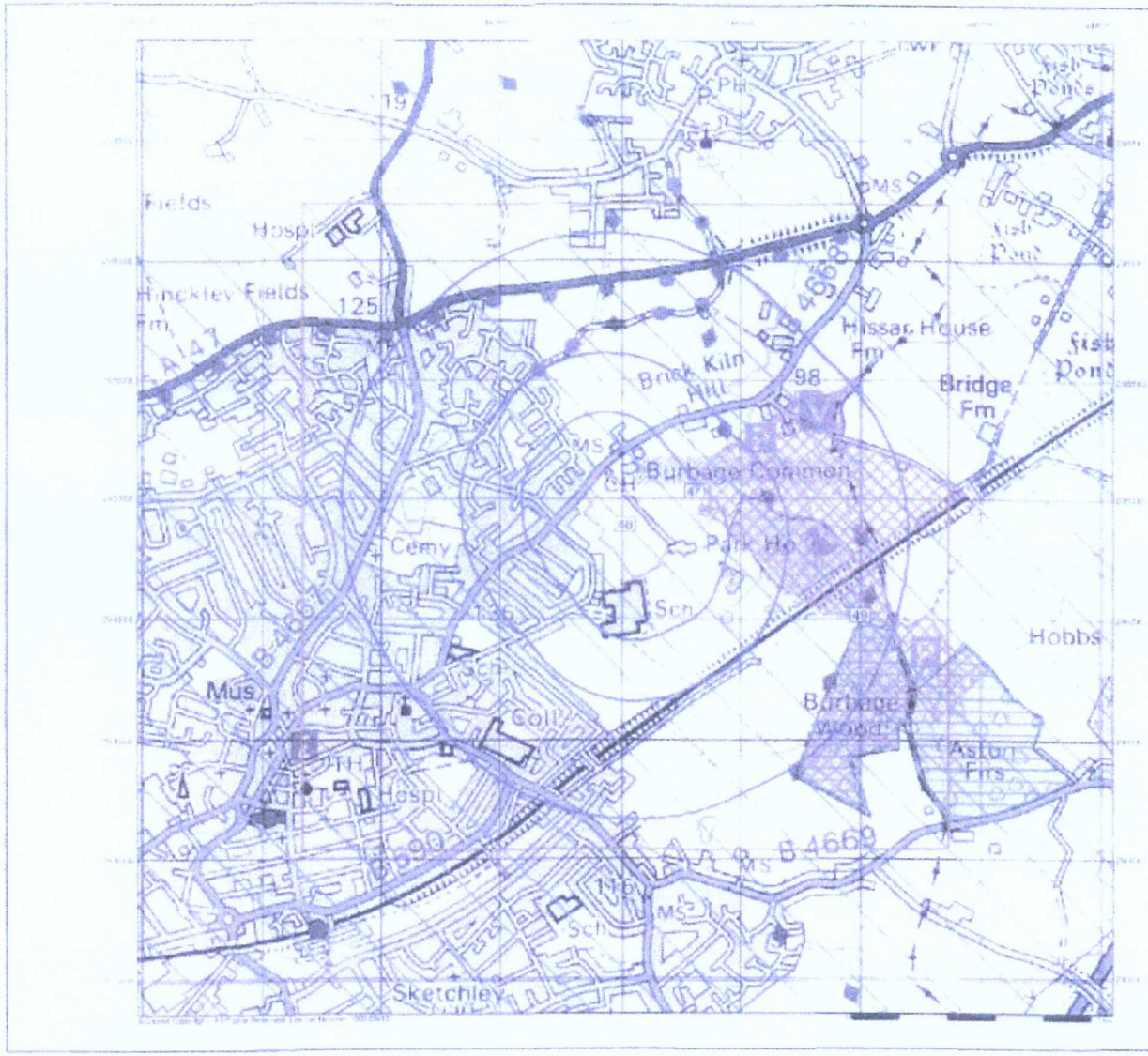
Order Details

Order Number:	29802924_1_1
Customer Ref:	31771
National Grid Reference:	444311, 294850
Slice:	A
Site Area (Ha):	8.18
Search Buffer (m):	1650

Site Details

1 Bradgate Road HINCKLEY Leicestershire LE10 1LA

Landmark



Envirocheck

Sensitive Land Uses

General

Sensitive Land Uses

Site Sensitivity Context Map - Slice A

N

Order Details

Order Number:
Customer Ref:
National Grid Reference:
Slice:
Site Area (Ha):
Search Buffer (m):

Site Details

1 Bradgate Road

Landmark

APPENDIX 3

DATA SHEETS

Envirocheck®

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			3	8
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 3				2
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes	pg 4				1
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 4				1
Water Abstractions	pg 4				1 (*7)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 6	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 7				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 7				1
Licensed Waste Management Facilities (Locations)	pg 7				3
Local Authority Recorded Landfill Sites	pg 8				2
Registered Landfill Sites	pg 8				1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 8				1

Envirocheck®

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites					
BGS 1:625,000 Solid Geology	pg 9	Yes	n/a	n/a	n/a
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Natural and Mining Cavities					
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 9	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Shallow Mining Hazards				n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 11		1		31
Fuel Station Entries	pg 13				3

Envirocheck®

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 14		1		
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 14	1			
Ramsar Sites					
Sites of Special Scientific Interest	pg 14				1
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Discharge Consents					
1	Operator:	Fairways Court (Hinckley) Ltd	A18SE (NE)	398	1	444350 295250
	Property Type:	Sewage Disposal Works - Other				
	Location:	Fairways Court Residential Development, Leicester Road, Hinckley, Leicestershire				
	Authority:	Environment Agency, Midlands Region				
	Catchment Area:	Upper Soar Catchment To Confluence With Sence				
	Reference:	T/50/20344/S				
	Permit Version:	3				
	Effective Date:	1st October 2009				
	Issued Date:	1st October 2009				
	Revocation Date:	Not Supplied				
	Discharge Type:	Sewage Discharges - Final/Treated Effluent - Not Water Company				
	Discharge Environment:	Lake/Reservoir - with outlet				
	Receiving Water:	Pond On Trib Thurlaston Brook				
	Status:	**Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)**				
	Positional Accuracy:	Located by supplier to within 10m				
	Discharge Consents					
1	Operator:	Fairways Court (Hinckley) Ltd	A18SE (NE)	398	1	444350 295250
	Property Type:	Sewage Disposal Works - Other				
	Location:	Fairways Court Residential Development, Leicester Road, Hinckley, Leicestershire				
	Authority:	Environment Agency, Midlands Region				
	Catchment Area:	Upper Soar Catchment To Confluence With Sence				
	Reference:	T/50/20344/S				
	Permit Version:	2				
	Effective Date:	1st February 2001				
	Issued Date:	1st February 2001				
	Revocation Date:	30th September 2009				
	Discharge Type:	Sewage Discharges - Final/Treated Effluent - Not Water Company				
	Discharge Environment:	Lake/Reservoir - with outlet				
	Receiving Water:	Pond On Trib Thurlaston Brook				
	Status:	**Post National Rivers Authority Legislation where issue date > 31/08/1989**				
	Positional Accuracy:	Located by supplier to within 10m				
	Discharge Consents					
1	Operator:	Fairways Court (Hinckley) Ltd	A18SE (NE)	398	1	444350 295250
	Property Type:	Sewage Disposal Works - Other				
	Location:	Fairways Court Residential Development, Leicester Road, Hinckley, Leicestershire				
	Authority:	Environment Agency, Midlands Region				
	Catchment Area:	Upper Soar Catchment To Confluence With Sence				
	Reference:	T/50/20344/S				
	Permit Version:	1				
	Effective Date:	15th March 1990				
	Issued Date:	15th March 1990				
	Revocation Date:	31st January 2001				
	Discharge Type:	Sewage Discharges - Final/Treated Effluent - Not Water Company				
	Discharge Environment:	Lake/Reservoir - with outlet				
	Receiving Water:	Pond On Trib Thurlaston Brook				
	Status:	**Post National Rivers Authority Legislation where issue date > 31/08/1989**				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
2	Operator:	Severn Trent Water Limited	A18NW (N)	504	1	443800 295600
	Property Type:	Sewerage Network - Sewers - Water Company				
	Location:	Stapleton Lane Sws, Barwell, Leicestershire				
	Authority:	Environment Agency, Midlands Region				
	Catchment Area:	River Sence Catchment				
	Reference:	T/20/03755/O				
	Permit Version:	1				
	Effective Date:	27th October 1979				
	Issued Date:	27th October 1979				
	Revocation Date:	27th March 2000				
	Discharge Type:	Sewage Discharges - Unspecified - Water Company				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	Sibson Brook				
	Status:	**Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Discharge Consents					
3	Operator:	Tracey De Bres	A18NE (N)	765	1	444320 295780
	Property Type:	Domestic Property (Single)				
	Location:	Stp Serving The Whitehouse, Barwell Lane, Barwell, Leicestershire, Le9 8da				
	Authority:	Environment Agency, Midlands Region				
	Catchment Area:	Upper Soar Catchment To Confluence With Sence				
	Reference:	T/50/45507/S				
	Permit Version:	1				
	Effective Date:	12th September 2001				
	Issued Date:	12th September 2001				
	Revocation Date:	Not Supplied				
	Discharge Type:	Sewage Discharges - Final/Treated Effluent - Not Water Company				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	Trib Of Thurlaston Brook				
	Status:	**New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**				
	Positional Accuracy:	Located by supplier to within 10m				
	Discharge Consents					
4	Operator:	Mrs J Sanson	A3NW (S)	875	1	443900 293800
	Property Type:	Not Given				
	Location:	The Villa, Sansons Woodyard, The Outwoods, HINCKLEY				
	Authority:	Environment Agency, Midlands Region				
	Catchment Area:	Not Given				
	Reference:	WQ/72/1773/1				
	Permit Version:	Not Supplied				
	Effective Date:	Not Supplied				
	Issued Date:	21st April 1978				
	Revocation Date:	Not Supplied				
	Discharge Type:	Sewage Effluent				
	Discharge Environment:	Groundwater				
	Receiving Water:	Not Supplied				
	Status:	**Not Supplied**				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
5	Operator:	Hinckley Town Cricket And Rugb	A19NE (NE)	954	1	444700 295700
	Property Type:	Not Given				
	Location:	Proposed Club Premises, Leicester Road, HINCKLEY				
	Authority:	Environment Agency, Midlands Region				
	Catchment Area:	Not Given				
	Reference:	3/28/19/0548/1				
	Permit Version:	Not Supplied				
	Effective Date:	Not Supplied				
	Issued Date:	21st March 1967				
	Revocation Date:	Not Supplied				
	Discharge Type:	Sewage Effluent				
	Discharge Environment:	Groundwater				
	Receiving Water:	Not Supplied				
	Status:	**Not Supplied**				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
6	Operator:	Justin Robert Inman	A3NW (S)	964	1	443990 293700
	Property Type:	Domestic Property (Multiple)				
	Location:	3 Houses Rear Of Woodbeach Stp Woodbeach, Woodgate Road, Burbage, Leicestershire, Le10 2uf				
	Authority:	Environment Agency, Midlands Region				
	Catchment Area:	Upper Anker Catchment To Confluence With Sence				
	Reference:	T/50/45849/Sg				
	Permit Version:	1				
	Effective Date:	15th October 2003				
	Issued Date:	15th October 2003				
	Revocation Date:	15th October 2015				
	Discharge Type:	Sewage Discharges - Final/Treated Effluent - Not Water Company				
	Discharge Environment:	Land/Soakaway				
	Receiving Water:	Land				
	Status:	**New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**				
	Positional Accuracy:	Located by supplier to within 10m				

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Discharge Consents					
7	Operator:	Severn Trent Water Limited	A16SE (W)	979	1	442900 295295
	Property Type:	Storm Water Sewer				
	Location:	Sunnyside, Hinckley				
	Authority:	Environment Agency, Midlands Region				
	Catchment Area:	River Sence Catchment				
	Reference:	CT/20/02145/O1				
	Permit Version:	Not Supplied				
	Effective Date:	Not Supplied				
	Issued Date:	31st December 1967				
	Revocation Date:	Not Supplied				
	Discharge Type:	Sewage Effluent Discharge-Storm Effluent				
	Discharge Environment:	Unknown				
	Receiving Water:	Receiving Water Not Defined				
	Status:	**Not Supplied**				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
7	Operator:	Severn Trent Water Limited	A16SE (W)	981	1	442900 295300
	Property Type:	Sewerage Network - Sewers - Water Company				
	Location:	Stapleton Lane Sws, Barwell, Leicestershire				
	Authority:	Environment Agency, Midlands Region				
	Catchment Area:	River Sence Catchment				
	Reference:	T/20/03755/O				
	Permit Version:	1				
	Effective Date:	27th October 1979				
	Issued Date:	27th October 1979				
	Revocation Date:	27th March 2000				
	Discharge Type:	Sewage Discharges - Unspecified - Water Company				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	Sibson Brook				
	Status:	**Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
7	Operator:	Severn Trent Water Limited	A16SE (W)	981	1	442900 295300
	Property Type:	Sewerage Network - Sewers - Water Company				
	Location:	Sunnyside, Hinckley, Leicestershire				
	Authority:	Environment Agency, Midlands Region				
	Catchment Area:	River Sence Catchment				
	Reference:	T/20/02145/O				
	Permit Version:	1				
	Effective Date:	31st December 1967				
	Issued Date:	31st December 1967				
	Revocation Date:	Not Supplied				
	Discharge Type:	Sewage Discharges - Unspecified - Water Company				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	Trib Of Tweed River				
	Status:	**Pre National Rivers Authority Legislation where issue date < 01/09/1989**				
	Positional Accuracy:	Located by supplier to within 100m				
	Local Authority Pollution Prevention and Controls					
8	Name:	Research Garage Ltd	A2NE (S)	933	2	443593 293851
	Location:	58A London Road, HINCKLEY, Leicestershire, LE10 1HL				
	Authority:	Hinckley And Bosworth Borough Council, Environmental Health Department				
	Permit Reference:	PPCA33				
	Dated:	15th December 1998				
	Process Type:	Local Authority Pollution Prevention and Control				
	Description:	PG1/14 Petrol filling station				
	Status:	**Authorised**				
	Positional Accuracy:	Manually positioned to the address or location				
	Local Authority Pollution Prevention and Controls					
9	Name:	Burbage Road Service Station	A3NW (S)	1000	2	443744 293711
	Location:	Burbage Road, Burbage, HINCKLEY, Leicestershire, LE10 2TP				
	Authority:	Hinckley And Bosworth Borough Council, Environmental Health Department				
	Permit Reference:	PPCA32				
	Dated:	2nd October 2000				
	Process Type:	Local Authority Pollution Prevention and Control				
	Description:	PG1/14 Petrol filling station				
	Status:	Authorised				
	Positional Accuracy:	Automatically positioned to the address				
	Nearest Surface Water Feature					
			A13SE (SE)	76	-	444257 294740

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Prosecutions Relating to Authorised Processes					
10	Location:	Lyndon Lea, Leicester Road, HINCKLEY, Leicestershire, LE10 3DR	A19SW (NE)	689	1	444605 295397
	Prosecution Text:	EA Dataset 19/02/1999 (Ref 98/41B). Depositing controlled waste on land without a Waste Management Licence.				
	Prosecution Act:	EPA90 s33(1a)				
	Hearing Date:	31st July 1998				
	Verdict:	Not guilty				
	Fine:	Not Supplied				
	Costs:	Not Supplied				
	Positional Accuracy:	Manually positioned to the address or location				
	Substantiated Pollution Incident Register					
11	Authority:	Environment Agency - Midlands Region, East Area	A19NW (NE)	922	1	444623 295741
	Incident Date:	4th December 2007				
	Incident Reference:	548955				
	Water Impact:	Category 4 - No Impact				
	Air Impact:	Category 4 - No Impact				
	Land Impact:	Category 2 - Significant Incident				
	Positional Accuracy:	Located by supplier to within 10m				
	Pollutant:	Inert : Construction / Demolition Material				
	Water Abstractions					
12	Operator:	Hinckley Bowling Club	A7SE (SW)	799	1	443400 294200
	Licence Number:	03/28/19/0027				
	Permit Version:	100				
	Location:	Hinckley Bowling Club - Borehole				
	Authority:	Environment Agency, Midlands Region				
	Abstraction:	Sports Grounds/Facilities: Spray Irrigation - Direct				
	Abstraction Type:	Water may be abstracted from a single point				
	Source:	Groundwater				
	Daily Rate (m3):	Not Supplied				
	Yearly Rate (m3):	Not Supplied				
	Details:	Bowling Green Rd, Hinckley				
	Authorised Start:	01 May				
	Authorised End:	30 September				
	Permit Start Date:	4th January 1966				
	Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 10m				
	Water Abstractions					
	Operator:	Mr H Denson	A16NE (NW)	1194	1	442800 295600
	Licence Number:	03/28/20/0068				
	Permit Version:	100				
	Location:	Lower Sunnyside Farm, Well				
	Authority:	Environment Agency, Midlands Region				
	Abstraction:	General Farming And Domestic				
	Abstraction Type:	Water may be abstracted from a single point				
	Source:	Groundwater				
	Daily Rate (m3):	Not Supplied				
	Yearly Rate (m3):	Not Supplied				
	Details:	Lower Sunnyside Farm, Ashby Road, Hinckley, Leics				
	Authorised Start:	01 April				
	Authorised End:	31 March				
	Permit Start Date:	24th February 1966				
	Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 10m				
	Water Abstractions					
	Operator:	Mr K A Baker	A3SE (S)	1247	1	444350 293450
	Licence Number:	03/28/50/0012 /1				
	Permit Version:	Not Supplied				
	Location:	45 Sapcote Road				
	Authority:	Environment Agency, Midlands Region				
	Abstraction:	Agriculture (General)				
	Abstraction Type:	Not Supplied				
	Source:	Groundwater				
	Daily Rate (m3):	14				
	Yearly Rate (m3):	14				
	Details:	Status: Revoked; Lapsed Or Cancelled				
	Authorised Start:	Not Supplied				
	Authorised End:	Not Supplied				
	Permit Start Date:	Not Supplied				
	Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions				
	Operator: Hinckley United Football Club Limited Licence Number: 03/28/50/0140 Permit Version: 2 Location: Hinckley Utd Fc-Borehole Authority: Environment Agency, Midlands Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Hinckley Utd Fc - Borehole Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 13th March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SE (NE)	1274	1	444950 295900
	Water Abstractions				
	Operator: Hinckley United Football Club Limited Licence Number: 03/28/50/0140 Permit Version: 1 Location: Hinckley Utd Fc-Borehole Authority: Environment Agency, Midlands Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Hinckley Utd Fc - Borehole Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th January 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SE (NE)	1274	1	444950 295900
	Water Abstractions				
	Operator: J Adcock & Sons Licence Number: 03/28/20/0065 Permit Version: 100 Location: Sunnyside Farm, Hinckley - Well Authority: Environment Agency, Midlands Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Sunnyside Farm, Hinckley, Leics Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 5th August 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21SE (NW)	1367	1	442800 295900
	Water Abstractions				
	Operator: Richard Roberts Holdings Ltd Licence Number: 03/28/19/0043 Permit Version: 100 Location: Richard Roberts Holdings Ltd - Trib Of Sketchley Brook Authority: Environment Agency, Midlands Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Richard Roberts Holdings Ltd, Southfield Rd Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th October 1978 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1SE (SW)	1723	1	443000 293300

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
Water Abstractions						
	Operator:	J Adcock & Sons	(W)	1929	1	442000 295600
	Licence Number:	03/28/20/0079				
	Permit Version:	100				
	Location:	Hinckley Fields Farm, Hinckley - Well				
	Authority:	Environment Agency, Midlands Region				
	Abstraction:	General Farming And Domestic				
	Abstraction Type:	Water may be abstracted from a single point				
	Source:	Groundwater				
	Daily Rate (m3):	Not Supplied				
	Yearly Rate (m3):	Not Supplied				
	Details:	Hinckley Fields Farm, Hinckley. Leics				
	Authorised Start:	01 April				
	Authorised End:	31 March				
	Permit Start Date:	30th August 1994				
	Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 100m				
Groundwater Vulnerability						
	Geological Classification:	Non Aquifer (Negligibly permeable) - Formations which are generally regarded as containing insignificant quantities of groundwater. However, groundwater flow through such rocks, although imperceptible, does take place and needs to be considered in assessing the risk associated with persistent pollutants	A13NE (NE)	0	1	444086 294920
	Soil Classification:	Not classified				
	Map Sheet:	Sheet 23 Leicestershire				
	Scale:	1:100,000				
Groundwater Vulnerability						
	Geological Classification:	Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers	A13NE (NE)	0	1	444086 294920
	Soil Classification:	Soils of Intermediate Leaching Potential (i1) - Soils which can possibly transmit a wide range of pollutants				
	Map Sheet:	Sheet 23 Leicestershire				
	Scale:	1:100,000				
Drift Deposits						
None						
Extreme Flooding from Rivers or Sea without Defences						
None						
Flooding from Rivers or Sea without Defences						
None						
Areas Benefiting from Flood Defences						
None						
Flood Water Storage Areas						
None						
Flood Defences						
None						

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Historical Landfill Sites					
13	Licence Holder:	Not Supplied	A12NW (W)	541	1	443298 295067
	Location:	ASDA, Off Barwell Lane, Hinckley, Leicestershire				
	Name:	Off Barwell Lane				
	Operator Location:	Not Supplied				
	Boundary Accuracy:	As Supplied				
	Provider Reference:	EAHLD23279				
	First Input Date:	Not Supplied				
	Last Input Date:	31st December 1965				
	Specified Waste Type:	Not Supplied				
	EA Waste Ref:	Not Supplied				
	Regis Ref:	Not Supplied				
	WRC Ref:	2400/1258				
	BGS Ref:	Not Supplied				
	Other Ref:	GDO 289				
	Licensed Waste Management Facilities (Landfill Boundaries)					
14	Name:	F E Downes Ltd	A8SE (S)	785	1	444019 293877
	Licence Number:	43331				
	Location:	Burbage, Off Elm Tree Drive, Burbage, Hinckley, Leicestershire, LE10 2TX				
	Licence Holder:	F E Downes Ltd				
	Authority:	Environment Agency - Midlands Region, East Area				
	Site Category:	Landfills Taking Other Wastes (Construction, Demolition, Dredgings)				
	Max Input Rate:	Not Supplied				
	Licence Status:	Active				
	Issued	24th November 1989				
	Positional Accuracy:	Positioned by the supplier				
	Boundary Accuracy:	As Supplied				
	Licensed Waste Management Facilities (Locations)					
15	Licence Number:	43716	A19SW (NE)	638	1	444580 295350
	Location:	Lynden Lea, Leicester Road, Hinckley, Leicester, Leicestershire, LE10 3DR				
	Operator Name:	E Taylor Skip Hire & Recycling Ltd				
	Operator Location:	Not Supplied				
	Authority:	Environment Agency - Midlands Region, East Area				
	Site Category:	Household, Commercial And Industrial Transfer Stations				
	Licence Status:	Issued				
	Issued:	12th February 2007				
	Last Modified:	Not Supplied				
	Expires:	Not Supplied				
	Suspended:	Not Supplied				
	Revoked:	Not Supplied				
	Surrendered:	Not Supplied				
	IPPC Reference:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 10m				
	Licensed Waste Management Facilities (Locations)					
16	Licence Number:	43363	A19SW (NE)	693	1	444597 295413
	Location:	Lynden Lea, Leicester Road, Hinckley, Leicestershire, LE10 3DR				
	Operator Name:	M & E & G Taylor				
	Operator Location:	Not Supplied				
	Authority:	Environment Agency - Midlands Region, East Area				
	Site Category:	Household, Commercial And Industrial Transfer Stations				
	Licence Status:	Issued				
	Issued:	8th July 1993				
	Last Modified:	Not Supplied				
	Expires:	Not Supplied				
	Suspended:	Not Supplied				
	Revoked:	Not Supplied				
	Surrendered:	Not Supplied				
	IPPC Reference:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 10m				
	Licensed Waste Management Facilities (Locations)					
17	Licence Number:	43331	A3NE (S)	838	1	444026 293824
	Location:	Burbage, Off Elm Tree Drive, Burbage, Hinckley, Leicestershire, LE10 2TX				
	Operator Name:	F E Downes Ltd				
	Operator Location:	Not Supplied				
	Authority:	Environment Agency - Midlands Region, East Area				
	Site Category:	Landfills Taking Other Wastes (Construction, Demolition, Dredgings)				
	Licence Status:	Closed				
	Issued:	24th November 1989				
	Last Modified:	Not Supplied				
	Expires:	Not Supplied				
	Suspended:	24/03/2004				
	Revoked:	Not Supplied				
	Surrendered:	Not Supplied				
	IPPC Reference:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 10m				
	Local Authority Landfill Coverage					
	Name:	Leicestershire County Council - Has supplied landfill data		0	3	442303 291615

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage					
	Name:	Hinckley And Bosworth Borough Council - Has no landfill data to supply		0	2	444910 295206
	Local Authority Landfill Coverage					
	Name:	Blaby District Council - Has no landfill data to supply		802	7	444910 295206
	Local Authority Recorded Landfill Sites					
18	Location:	Not Supplied	A12NW (W)	542	3	443297 295069
	Reference:	89				
	Authority:	Leicestershire County Council				
	Last Reported Status:	**Unknown**				
	Types of Waste:	Not Supplied				
	Date of Closure:	Not Supplied				
	Positional Accuracy:	Positioned by the supplier				
	Boundary Quality:	Good				
	Local Authority Recorded Landfill Sites					
19	Location:	Not Supplied	A8SE (S)	784	3	444021 293878
	Reference:	55				
	Authority:	Leicestershire County Council				
	Last Reported Status:	**Unknown**				
	Types of Waste:	Not Supplied				
	Date of Closure:	Not Supplied				
	Positional Accuracy:	Positioned by the supplier				
	Boundary Quality:	Good				
	Registered Landfill Sites					
20	Licence Holder:	F E Downes Ltd	A3NE (S)	922	1	444100 293740
	Licence Reference:	193/1				
	Site Location:	Elm Tree Drive, Burbage, Hinckley, Leicestershire				
	Licence Easting:	444100				
	Licence Northing:	293740				
	Operator Location:	Stockwell Head, HINCKLEY, Leicestershire, LE10 1RG				
	Authority:	Environment Agency - Midlands Region, Lower Trent Area				
	Site Category:	Landfill - with transfer				
	Max Input Rate:	Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)				
	Waste Source Restrictions:	Waste produced/controlled by licence holder				
	Status:	Operational as far as is knownOperational				
	Dated:	24th November 1989				
	Preceded By Licence:	Not Given				
	Superseded By Licence:	Not Given				
	Positional Accuracy:	Manually positioned to the address or location				
	Boundary Accuracy:	Not Applicable				
	Authorised Waste	Top/Subsoil, Nat.Occuring Mat'Ls				
	Registered Waste Treatment or Disposal Sites					
21	Licence Holder:	M & E & G Taylor	A19SW (NE)	627	1	444575 295340
	Licence Reference:	364/1				
	Site Location:	Lynden Lea Scrapyard, Leicester Road, HINCKLEY, Leicestershire, LE10 3DR				
	Operator Location:	Lynden Lea, Leicester Road, Hinckley, Leicestershire				
	Authority:	Environment Agency - Midlands Region, Lower Trent Area				
	Site Category:	Scrapyard - with Transfer Station				
	Max Input Rate:	Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)				
	Waste Source Restrictions:	No known restriction on source of waste				
	Licence Status:	Operational as far as is knownOperational				
	Dated:	8th July 1993				
	Preceded By Licence:	Not Given				
	Superseded By Licence:	Not Given				
	Positional Accuracy:	Manually positioned to the address or location				
	Boundary Quality:	Not Supplied				
	Authorised Waste	Leics Cat.A 'Inert' Leics Cat.B 'Non-Haz, Non-Putresc.' Leics Cat.C 'Non-Haz, Slow Decomp.' Leics Cat.D 'Putrescible' Max.Waste Permitted By Licence				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology				
	Description: Triassic mudstones (including Keuper Marl, Dolomitic Conglomerate and Rhaetic)	(E)	0	4	448914 294213
	Coal Mining Affected Areas				
	In an area which may not be affected by coal mining				
	Potential for Collapsible Ground Stability Hazards				
	No Hazard				
	Potential for Compressible Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	444013 295000
	Potential for Compressible Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	444013 295000
	Potential for Ground Dissolution Stability Hazards				
	No Hazard				
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	444013 295000
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	444013 295000
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	36	4	444200 294725
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	44	4	444225 294750
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	60	4	444250 294775
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	185	4	444250 294550
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	444013 295000
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	444013 295000
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	36	4	444225 294975
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	139	4	444225 295000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	4	444100 294950
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	444013 295000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	4	444100 294950
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	36	4	444225 294975
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	47	4	444100 295000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	139	4	444225 295000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	220	4	444013 295325
	Radon Potential - Radon Affected Areas				
	Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	444013 295000
	Radon Potential - Radon Affected Areas				
	Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	444013 295000
	Radon Potential - Radon Protection Measures				
	Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	444013 295000
	Radon Potential - Radon Protection Measures				
	Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	444013 295000
	Shallow Mining Hazards				
	No Hazard				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries				
22	Name: R A Pickering & Son Location: 45, Lanoside Drive, Hinckley, Leicestershire, LE10 1TG Classification: Hosiery Manufacturers & Wholesalers **Status:** Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	249	-	443750 295287
	Contemporary Trade Directory Entries				
23	Name: General Diagnostic Location: 23, Woodland Road, Hinckley, Leicestershire, LE10 1JF Classification: Garage Equipment **Status:** Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	605	-	443826 294102
	Contemporary Trade Directory Entries				
24	Name: Rob-Jon Transport Location: 4, Wentworth Close, Hinckley, Leicestershire, LE10 1RZ Classification: Road Haulage Services **Status:** Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	613	-	443303 295309
	Contemporary Trade Directory Entries				
25	Name: Brooks Retail Services Location: Barwell Lane, Hinckley, Leicestershire, LE10 1SS Classification: Dry Cleaners **Status:** Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	619	-	443217 295032
	Contemporary Trade Directory Entries				
26	Name: Crease Busters Location: 22, Trevor Road, HINCKLEY, Leicestershire, LE10 1JD Classification: Ironing & Home Laundry Services **Status:** Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	649	-	443561 294239
	Contemporary Trade Directory Entries				
27	Name: Hinckley Car Breakers Location: Leicester Rd, Hinckley, Leicestershire, LE10 3DR Classification: Scrap Metal Merchants **Status:** Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	657	-	444550 295414
	Contemporary Trade Directory Entries				
28	Name: A S A P Repairs Location: 10, Kent Drive, Hinckley, Leicestershire, LE10 1UN Classification: Domestic Appliances - Servicing, Repairs & Parts **Status:** Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	665	-	443551 295661
	Contemporary Trade Directory Entries				
29	Name: G & G Hydraulics Ltd Location: 16, Butt Lane, Hinckley, Leicestershire, LE10 1LD Classification: Hydraulic Engineers **Status:** Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	670	-	443457 294331
	Contemporary Trade Directory Entries				
30	Name: Alexander Motor Repairs Location: 136, Ashby Road, Hinckley, Leicestershire, LE10 1SN Classification: Garage Services **Status:** Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	709	-	443160 295223
	Contemporary Trade Directory Entries				
30	Name: Ashby & Mann Ltd Location: 136, Ashby Road, Hinckley, Leicestershire, LE10 1SN Classification: Car Dealers **Status:** Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	709	-	443160 295223
	Contemporary Trade Directory Entries				
31	Name: M W Motors Location: Unit 2 Burbage Common Road, Hinckley, Leicestershire, LE10 2DR Classification: Garage Services **Status:** Active Positional Accuracy: Manually positioned within the geographical locality	A19SE (NE)	768	-	444801 295310
	Contemporary Trade Directory Entries				
32	Name: Acumen Print Solutions Location: 29, Newquay Close, HINCKLEY, Leicestershire, LE10 1XN Classification: Printers **Status:** Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	776	-	443383 295666

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries				
33	Name: Ray Cole Doors Ltd Location: 127, Ashby Road, Hinckley, Leicestershire, LE10 1SH Classification: Door Manufacturers - Industrial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	820	-	443124 295414
	Contemporary Trade Directory Entries				
34	Name: Boiler Care Location: 53, John Street, Hinckley, Leicestershire, LE10 1UX Classification: Boilers - Servicing, Replacements & Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	820	-	443186 294434
	Contemporary Trade Directory Entries				
35	Name: Gkr Light Haulage Location: Forest Rd, Hinckley, Leicestershire, LE10 1HA Classification: Freight Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A3NW (S)	868	-	443732 293856
	Contemporary Trade Directory Entries				
36	Name: Dust Till Dawn Location: 196, Ashby Road, Hinckley, Leicestershire, LE10 1SW Classification: Cleaning Services - Domestic **Status: Active** Positional Accuracy: Automatically positioned to the address	A17NW (NW)	876	-	443167 295573
	Contemporary Trade Directory Entries				
37	Name: T Jennings Ltd Location: Highfield Works,John St, Hinckley, Leicestershire, LE10 1UY Classification: Lingerie & Hosiery Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A7NW (SW)	879	-	443102 294454
	Contemporary Trade Directory Entries				
38	Name: J R G Technicom Location: 14, Barrie Road, Hinckley, Leicestershire, LE10 0QX Classification: Electronic Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A11NE (W)	881	-	442956 295046
	Contemporary Trade Directory Entries				
39	Name: Airbagsforsale.Com Location: John St, Hinckley, Leicestershire, LE10 1UZ Classification: Car Breakers & Dismantlers **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A7NW (SW)	931	-	443039 294458
	Contemporary Trade Directory Entries				
39	Name: Hinckley Printing Services Location: 5 Mill View, Hinckley, Leicestershire, LE10 1XD Classification: Printers **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A7NW (SW)	935	-	443059 294418
	Contemporary Trade Directory Entries				
39	Name: Sew Unique Location: John St, Hinckley, Leicestershire, LE10 1UY Classification: Leisure & Sportswear Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A7NW (SW)	937	-	443032 294458
	Contemporary Trade Directory Entries				
39	Name: Xspec Motorsport & Consultancy Location: Mill View, Hinckley, Leicestershire, LE10 1XD Classification: Garage Services **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A7NW (SW)	937	-	443058 294416
	Contemporary Trade Directory Entries				
39	Name: Davenport Knitwear Ltd Location: John Street, Hinckley, Leicestershire, LE10 1UZ Classification: Knitwear Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	947	-	443033 294436
	Contemporary Trade Directory Entries				
40	Name: Research Garage Rental Location: 60, London Road, Hinckley, Leicestershire, LE10 1HL Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A2NE (S)	932	-	443593 293852

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
41	Name:	Creative G R P Ltd	A7NW (SW)	939	-	443186 294224
	Location:	43, Leicester Road, Hinckley, Leicestershire, LE10 1LW				
	Classification:	Glass Fibre Manufacturers				
	Status:	**Inactive**				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
42	Name:	Bolesworth & Stockton	A7NW (SW)	988	-	443046 294340
	Location:	Mill View, HINCKLEY, Leicestershire, LE10 1XD				
	Classification:	Fireplaces & Mantelpieces				
	Status:	**Inactive**				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
42	Name:	Maleswear	A7NW (SW)	991	-	443026 294366
	Location:	Mill View, Hinckley, Leicestershire, LE10 1XD				
	Classification:	Leisure & Sportswear Manufacturers & Wholesalers				
	Status:	**Active**				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
42	Name:	Taylor	A7NW (SW)	995	-	443044 294330
	Location:	Mill View, Hinckley, Leicestershire, LE10 1XD				
	Classification:	Fireplaces & Mantelpieces				
	Status:	**Active**				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
42	Name:	Bradtex Building Products Ltd	A7NW (SW)	995	-	443044 294330
	Location:	Mill View, Hinckley, Leicestershire, LE10 1XD				
	Classification:	Builders' Merchants				
	Status:	**Inactive**				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
42	Name:	G White	A7NW (SW)	995	-	443044 294330
	Location:	Mill View, Hinckley, Leicestershire, LE10 1XD				
	Classification:	Sheet Metal Work				
	Status:	**Inactive**				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
43	Name:	J & R Swift Ltd	A2NE (S)	993	-	443598 293780
	Location:	Mistral House, Parsons Lane, Hinckley, Leicestershire, LE10 1XT				
	Classification:	Lingerie & Hosiery Manufacturers & Wholesalers				
	Status:	**Active**				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
43	Name:	Premier Tools	A2NE (S)	993	-	443598 293780
	Location:	Mistral House, Parsons Lane, Hinckley, Leicestershire, LE10 1XT				
	Classification:	Tool Design, Manufacturers & Makers				
	Status:	**Inactive**				
	Positional Accuracy:	Automatically positioned to the address				
	Fuel Station Entries					
44	Name:	Hinckley Mota Care Ltd	A12NW (NW)	541	-	443332 295205
	Location:	Ashby Road, HINCKLEY, Leicestershire, LE10 1SN				
	Brand:	Obsolete				
	Premises Type:	Not Applicable				
	Status:	**Obsolete**				
	Positional Accuracy:	Approximate location provided by supplier				
	Fuel Station Entries					
45	Name:	Research Garage	A2NE (S)	935	-	443603 293843
	Location:	London Road, Lash Hill, HINCKLEY, Leicestershire, LE10 1HL				
	Brand:	TOTAL				
	Premises Type:	Petrol Station				
	Status:	**Open**				
	Positional Accuracy:	Automatically positioned to the address				
	Fuel Station Entries					
46	Name:	Burbage Road Service Station	A3NW (S)	1000	-	443744 293711
	Location:	Burbage Road, Lash Hill, HINCKLEY, Leicestershire, LE10 2TP				
	Brand:	TEXACO				
	Premises Type:	Petrol Station				
	Status:	Open				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Nature Reserves					
47	Name:	Burbage Common & Woods	A13NE (NE)	166	5	444304 295027
	Multiple Area:	N				
	Area (m2):	851245.73				
	Source:	Natural England				
	Designation Date:	1st June 1999				
	Nitrate Vulnerable Zones					
48	Name:	Not Supplied	(E)	0	6	453163 294885
	Description:	Surface Water - Designated 2006				
	Source:	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)				
	Sites of Special Scientific Interest					
49	Name:	Burbage Wood & Aston Firs	A9NE (E)	848	5	445003 294516
	Multiple Areas:	N				
	Total Area (m2):	511496.29				
	Source:	Natural England				
	Reference:	1003526				
	Designation Details:	Local Nature Reserve				
	Designation Date:	1st July 1983				
	Date Type:	Notified				

Envirocheck®

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Historical Tanks and Energy Facilities					
Electrical Sub Station Facilities (100m)				n/a	n/a
Electricity Industry Facilities (100m)				n/a	n/a
Gas Industry Facilities (100m)				n/a	n/a
Gas Monitoring Facilities (100m)	pg 4		1	n/a	n/a
Miscellaneous Power Facilities (100m)				n/a	n/a
Oil Industry Facilities (100m)				n/a	n/a
Petroleum Storage Facilities (100m)				n/a	n/a
Potential Tanks (100m)				n/a	n/a
Tanks (100m)				n/a	n/a

Envirocheck®

Historical Land Use Information

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potentially Contaminative Industrial Uses (Past Land Use)					
1	Use:	Sewage	A8NE	249	1	444025
	Date of Mapping:	1925 - 1955	(S)			294414
	Potentially Contaminative Industrial Uses (Past Land Use)					
2	Use:	Clay bricks & tiles [manufacture]	A18SE	304	1	444246
	Date of Mapping:	1889 - 1904	(NE)			295228
	Potentially Contaminative Industrial Uses (Past Land Use)					
3	Use:	Railways	A9NW	495	1	444425
	Date of Mapping:	1889 - 1984	(SE)			294292
	Potentially Contaminative Industrial Uses (Past Land Use)					
4	Use:	Clay bricks & tiles [manufacture]	A12NW	531	1	443309
	Date of Mapping:	1904 - 1938	(W)			295066
	Potentially Contaminative Industrial Uses (Past Land Use)					
5	Use:	Quarrying of sand & clay, operation of sand & gravel pits	A17SW	567	1	443320
	Date of Mapping:	1925	(NW)			295242
	Potentially Contaminative Industrial Uses (Past Land Use)					
6	Use:	Clay bricks & tiles [manufacture]	A12NW	600	1	443261
	Date of Mapping:	1904	(W)			295181
	Potentially Contaminative Industrial Uses (Past Land Use)					
7	Use:	Railways	A9NE	635	1	444779
	Date of Mapping:	1890 - 1984	(SE)			294542
	Potentially Contaminative Industrial Uses (Past Land Use)					
8	Use:	Cemetery or Graveyard	A12SW	659	1	443189
	Date of Mapping:	1889 - 1984	(W)			294845
	Potentially Contaminative Industrial Uses (Past Land Use)					
9	Use:	Clay bricks & tiles [manufacture]	A12NW	754	1	443089
	Date of Mapping:	1889	(W)			294897
	Potentially Contaminative Industrial Uses (Past Land Use)					
10	Use:	Railways	A14SE	812	1	445002
	Date of Mapping:	1890 - 1979	(E)			294704
	Potentially Contaminative Industrial Uses (Past Land Use)					
11	Use:	Factory or works - use not specified	A7NW	827	1	443121
	Date of Mapping:	1925 - 1955	(W)			294523
	Potentially Contaminative Industrial Uses (Past Land Use)					
12	Use:	Natural and man-made textile manufacture and products	A7NW	838	1	443137
	Date of Mapping:	1925 - 1955	(SW)			294476
	Potentially Contaminative Industrial Uses (Past Land Use)					
12	Use:	Leather tanning & dressing	A7NW	867	1	443102
	Date of Mapping:	1904	(SW)			294478
	Potentially Contaminative Industrial Uses (Past Land Use)					
13	Use:	Hospitals	A7SE	844	1	443514
	Date of Mapping:	1925 - 1955	(SW)			294009
	Potentially Contaminative Industrial Uses (Past Land Use)					
14	Use:	Military Land	A19SE	875	1	444889
	Date of Mapping:	1890 - 1904	(NE)			295372
	Potentially Contaminative Industrial Uses (Past Land Use)					
15	Use:	Natural and man-made textile manufacture and products	A7NW	967	1	443008
	Date of Mapping:	1889	(SW)			294439
	Potentially Infilled Land (Non-Water)					
16	Use:	Unknown Filled Ground (Pit, quarry etc)	A12NW	531	1	443309
	Date of Mapping:	1980	(W)			295066
	Potentially Infilled Land (Non-Water)					
17	Use:	Unknown Filled Ground (Pit, quarry etc)	A12NW	754	1	443089
	Date of Mapping:	1984	(W)			294897
	Potentially Infilled Land (Water)					
18	Use:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc)	A13SW	41	1	443928
	Date of Mapping:	1955	(SW)			294762
	Potentially Infilled Land (Water)					
19	Use:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc)	A13NW	54	1	443789
	Date of Mapping:	1955	(W)			294920
	Potentially Infilled Land (Water)					
20	Use:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc)	A13NW	68	1	443768
	Date of Mapping:	1955	(NW)			295014

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potentially Infilled Land (Water)				
21	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13SE (SE)	82	1	444152 294617
	Potentially Infilled Land (Water)				
22	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8NE (S)	119	1	444060 294543
	Potentially Infilled Land (Water)				
23	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8NE (S)	133	1	444025 294532
	Potentially Infilled Land (Water)				
24	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13NW (NW)	157	1	443683 295043
	Potentially Infilled Land (Water)				
25	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18SW (NW)	244	1	443778 295305
	Potentially Infilled Land (Water)				
26	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A12NE (NW)	246	1	443620 295124
	Potentially Infilled Land (Water)				
27	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8NW (S)	254	1	443948 294431
	Potentially Infilled Land (Water)				
28	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12NE (W)	336	1	443505 294954
	Potentially Infilled Land (Water)				
29	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A17SE (NW)	400	1	443567 295304
	Potentially Infilled Land (Water)				
30	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8NW (SW)	406	1	443748 294395
	Potentially Infilled Land (Water)				
31	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18SW (NW)	420	1	443706 295470
	Potentially Infilled Land (Water)				
32	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12NE (W)	444	1	443398 294935
	Potentially Infilled Land (Water)				
33	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12NE (W)	465	1	443371 294992
	Potentially Infilled Land (Water)				
34	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SE (SW)	476	1	443465 294638
	Potentially Infilled Land (Water)				
35	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8NW (SW)	498	1	443692 294320
	Potentially Infilled Land (Water)				
36	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SW (W)	538	1	443340 294736
	Potentially Infilled Land (Water)				
37	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7SE (SW)	624	1	443653 294185
	Potentially Infilled Land (Water)				
38	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7NW (SW)	758	1	443199 294527
	Potentially Infilled Land (Water)				
39	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12NW (W)	763	1	443083 295130
	Potentially Infilled Land (Water)				
40	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1925	A8SW (S)	764	1	443746 293963
	Potentially Infilled Land (Water)				
41	Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A7NW (SW)	846	1	443199 294363

Historical Land Use Information

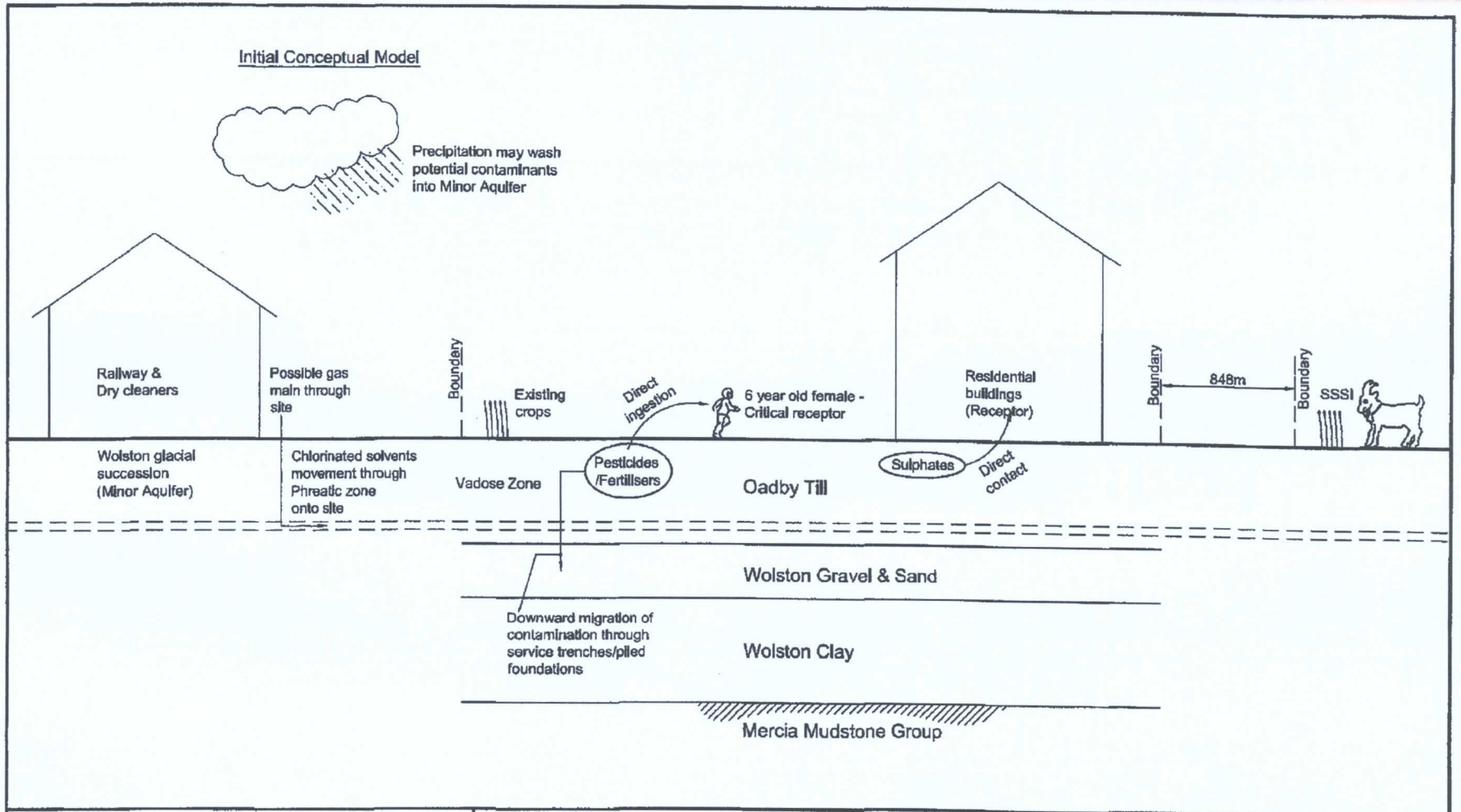
Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potentially Infilled Land (Water)					
42	Use:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc)	A11NE (W)	863	1	442980 295113
	Date of Mapping:	1925				
	Potentially Infilled Land (Water)					
43	Use:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc)	A3NW (S)	897	1	443999 293766
	Date of Mapping:	1955				
	Potentially Infilled Land (Water)					
44	Use:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc)	A11NE (W)	910	1	442929 295090
	Date of Mapping:	1925				

Historical Tanks and Energy Facilities

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Gas Monitoring Facilities				
45	Scale of Mapping: 1:1,250 Date of Mapping: Not Present	A13NW (N)	4	1	443941 295116

APPENDIX 4

INITIAL CONCEPTUAL MODEL



PRP:
consulting civil & structural engineers

Project: Land Adj. to Leicester Rd, Hinckley	Status:	
Title: Initial Conceptual Model	Drawn: ARA	Date: January 2010
	Checked: BMS	Scale @ A4: NTS
	Drawing No: 31771 Sk01	

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APPENDIX 5

1. This report has been prepared and written specifically for the Client named in the introduction and is exclusively for his/her/their benefit. No reliance may be placed in the contents of this report by any third party except with the express agreement of the original Client and the written agreement of PRP. Such written agreement may require the payment of an additional fee.

2. This report has been prepared and written in the context of the proposals for the development of the site as stated by the Client and will not be valid in a differing context. Furthermore, new information, improved practices, or legislation may necessitate alterations to the report in whole or in part after its submission. Therefore, with any change in circumstances or after the expiry of one year from the date of this report, it should be referred to us for re-assessment.

3. Any assessments made in this report are based on the ground conditions as revealed by the test pits and boreholes together with the results of any field or laboratory testing undertaken and where appropriate other relevant data which may have been obtained for the site. The sources of such information are detailed in this report and while PRP use only such sources as are believed to be reliable, PRP will not be liable for the authenticity or reliability of information obtained from others.

4. Notwithstanding that factual reports from third parties concerning asbestos or mould of any kind may have been included for information purposes in this report, PRP will have no liability whatsoever for any claim or claims arising related to asbestos or mould of any kind.

5. There may also be special conditions appertaining to the site which were not revealed by the investigation and which will not, therefore, have been taken into account in this report. Any assessments may be subject to amendment in the light of additional information becoming available.

6. Whilst an opinion may be expressed or implied in this report on possible configurations of strata between or beyond test pit or borehole locations, or on the possible presence of features based on either visual, verbal or published evidence, this is for guidance only and no liability can be accepted for the accuracy of such opinions.

7. Comments on groundwater conditions will have been based on observations made only at the time of the investigation unless otherwise stated. It should be noted, however, that groundwater levels vary due to seasonal and other effects.

8. This report is not a site categorisation, and hazards could occur which have not been detected.

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