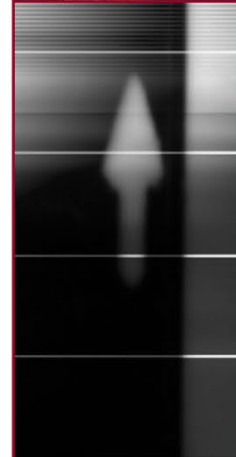
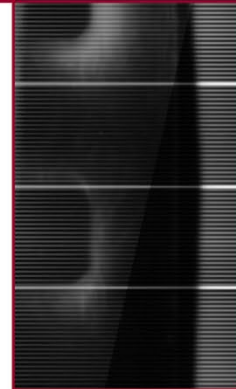


georisk

MANAGEMENT



PHASE I DESK STUDY
LAND TO THE NORTH OF REBECCA ROAD
PERSHORE

Report No: 24135/1
Date: May 2024

Prepared for
LIONCOURT HOMES LIMITED

Innovative Land Development Solutions

**PROJECT QUALITY ASSURANCE
INFORMATION SHEET**

PHASE I DESK STUDY

**LAND TO THE NORTH OF REBECCA ROAD
PERSHORE**


Report Status:	Final
Report No:	24135/1
Issue Date:	May 2024
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FOREWORD

This report has been prepared for the sole internal use and reliance of the Client(s) named on the Project Quality Assurance Information Sheet. This report shall not be relied upon or transferred to any other parties without the express written authorisation of Georisk Management Ltd (Georisk). If an unauthorised third party comes into possession of this report they rely on it at their peril and the authors owe them no duty of care and skill.

The report should be read in its entirety, including all associated drawings and appendices. Georisk cannot be held responsible for any misinterpretations arising from the use of extracts that are taken out of context.

The findings and opinions conveyed in this report are based on information obtained from a variety of sources as detailed within this report and which Georisk believes is reliable. All reasonable care and skill has been applied in examining the information obtained, nevertheless, Georisk cannot and does not guarantee the authenticity or reliability of the information it has relied upon.

The report represents the findings and opinions of experienced geoenvironmental consultants. Georisk does not provide legal advice and the advice of lawyers may also be required.

Any recommendations made or opinions expressed in the Report are based on the exploratory hole records, an examination of samples and the results of the site and laboratory tests. No liability can be accepted for conditions not revealed by the exploratory holes particularly between positions. Whilst every effort is made to ensure accuracy of data supplied any opinion expressed as to the possible configuration of strata between or below investigation locations is for guidance only and no responsibility is accepted as to its accuracy.

Unless otherwise specifically stated, this report assumes that ground levels will not change significantly from those existing at present and that the proposed development will be of two to three storey construction. If this is not to be the case, some modifications to this report may be required.

The groundwater conditions entered on the borehole records and from any monitoring programme are those observed at the time of the investigation. Groundwater levels are susceptible to seasonal fluctuations and may be higher during wetter periods than those encountered during this investigation.

Where the report refers to the potential presence of invasive plant species, such as Japanese Knotweed, or the presence of possible asbestos containing materials, it should be noted that the observations are for information purposes only and should be verified by a suitably qualified expert.

Georisk reserves the right to amend the conclusions and recommendations made in this report in the light of any further or more detailed information that may become available.

PHASE I DESK STUDY

LAND TO THE NORTH OF REBECCA ROAD PERSHORE

1. INTRODUCTION

1.1 Georisk Management Limited (Georisk) has been instructed by Lioncourt Homes Limited (Lioncourt) to carry out a Phase I Desk Study of the proposed development site to the north of Rebecca Road in Pershore, Worcestershire. The scope of work is set out in Georisk letter reference 24135/LO.001/AMG dated 9 May 2024, which was accepted by Lioncourt in their email of the same date and purchase order number PO/00-LAND/0276.

1.2 It is understood that the site is to be considered for residential development and the principal aims of this report are as follows:

- to carry out Phase I hazard identification and assessment (desk study) including determination of an initial conceptual model based on 'source-pathway-receptor' principles;
- to identify any potential geoenvironmental constraints associated with the development of the site for the proposed end use.

1.3 This report presents the findings of the desk study research together with an initial conceptual site model and assessment of potential geoenvironmental constraints that would need consideration for the proposed development.

2. INFORMATION SOURCES

2.1 The information sources used in the production of this report were as follows:

- site walkover to appraise current layout and conditions;
- review of British Geological Survey (BGS) maps and publications;
- review of 'Radon Report' by BGS, reference BGS_338268/54001 dated May 2024;
- review of information contained within environmental databases maintained by the Environment Agency (EA) and other regulatory bodies provided in an Envirocheck report by Landmark Information Group dated May 2024 – supporting information is presented in Appendix D;
- drawing entitled 'Topographical Survey' by Chilcote Engineering Services, reference 24178-J dated April 2024.

3. REFERENCE SOURCES

3.1 This report has been prepared with regard to the following sources of reference and guidance, supplemented with experience of similar sites:

- *National Planning Policy Framework: Chapters 11 and 15. Ministry of Housing, Communities and Local Government (2019);*
- *Investigation of Potentially Contaminated Sites – Code of Practice. British Standards Institute BS10175 (2001+A2:2017);*
- *Code of Practice for Site Investigations. BS5930 (2015+A1:2020);*
- *Land Contamination Risk Management. EA (2020);*

- *Guidance for the Safe Development of Housing on Land Affected by Contamination. R & D Publication 66, NHBC, Environment Agency and CIEH (2008);*
- *Radon: guidance on protective measures for new dwellings. BRE Report BR211 (2015) – supplemented by information published by the BGS in 2022;*
- *Code of practice for the characterization and remediation from ground gas in affected developments. BS8485 (2015+A1:2019);*
- *Hazardous Ground Gas. NF94, NHBC (2023);*
- *Guidance on Evaluation of Development Proposals on sites where Methane and Carbon Dioxide are Present. NHBC report Edition No. 4 (2007).*

4. THE SITE

4.1 The site is situated to the north of Rebecca Road in Pershore, Worcestershire and can be located approximately by National Grid Reference 393640, 246330, as shown on the drawing entitled 'Topographical Survey' included in Appendix A.

4.2 It covers an area of approximately 4.9 hectares and comprises undeveloped arable farmland:



View looking towards eastern boundary of the site



View looking north-west across the site

- 4.3 Site levels around the northern, eastern and southern boundaries are relatively level at 54 to 55 m OD and there is a shallow valley in the west of the site where levels drop to approximately 49 m OD. To the west of the site, ground levels drop down into the valley of Bow Brook.
- 4.4 Surrounding land use is agricultural to the north and west with the southern boundary formed by Rebecca Road and the northern boundary by Worcester Road. There is existing housing to the south and west of the site.
- 4.5 No visual evidence of potential significant contamination was noted during the site walkover.

5. SITE HISTORY

- 5.1 The history of the site and the surrounding area has been assessed by reviewing available historical County Series and Ordnance Survey maps. The maps studied are included in Appendix B of this report and a summary is presented in Table 1.

Year	Site	Surrounding Area
1885	The site comprises undeveloped farmland with a small pond towards the centre of the site.	Rebecca Road and Worcester Road form the southern and northern boundaries and Allesborough Farm is immediately to the east. The surrounding area is largely farmland/orchards with Allesborough Hill to the north.
1904	No significant changes are mapped.	No significant changes are mapped.
1938	The small pond is longer mapped.	A covered reservoir has been built at Allesborough Farm close to the eastern site boundary and initial housing development is mapped to the south.
1954-55	No significant changes are mapped.	No significant changes are mapped.
1970	No significant changes are mapped.	No significant changes are mapped.
1983	No significant changes are mapped.	No significant changes are mapped.
1994	No significant changes are mapped.	Further residential development is shown to the south-east.
2000	No significant changes are mapped.	No significant changes are mapped.
2006	No significant changes are mapped.	No significant changes are mapped.
2023	No significant changes are mapped.	Allesborough Farm has been redeveloped for housing and further housing is mapped to the south-east.

Table 1: Summary of Historical Land Usage

6. GEOENVIRONMENTAL SETTING

6.1 Geology

- 6.1.1 The geology of the site has appraised from information published by the BGS and is shown to comprise the Charmouth Mudstone Formation of the Lias Group of Jurassic age.
- 6.1.2 No superficial/drift deposits are mapped beneath the site; however, the Pershore Sand and Gravel Member is mapped immediately to the east of the site.

6.2 Mining

- 6.2.1 The 'Interactive Map Viewer' on The Coal Authority website indicates the site is not within a 'Coal Mining Reporting Area' and; therefore, no further assessment of this potential development constraint is required.

6.3 Hydrology

- 6.3.1 There are no surface watercourses (rivers/streams) within 250 m of the site.
- 6.3.2 The EA has no records of any licensed surface water abstractions within 250 m of the site.
- 6.3.3 The EA has no records of any licensed discharge consents within 250 m of the site.
- 6.3.4 Based on current information provided by the EA, included in the Envirocheck Report, the site is not mapped in an area likely to be at risk of river flooding.

6.4 Hydrogeology

- 6.4.1 The Charmouth Mudstone Formation is classified by the EA as a '*Secondary Undifferentiated*' aquifer, which are '*assigned in cases where it has not been possible to attribute either category A or B to a rock type. In most cases, this means that the layer in question has previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type*'.
- 6.4.2 The EA has records of 2 No. licensed groundwater abstractions within 250 m of the site:
- F W Knight is permitted to abstract groundwater for '*general farming and domestic use*' from a borehole (Well 1) at unnamed site approximately 127 m to the south of the site;
 - F W Knight is permitted to abstract groundwater for '*general farming and domestic use*' from a borehole (Well 2) at unnamed site approximately 197 m to the south of the site.
- 6.4.3 The site is not mapped by the EA to be within a groundwater Source Protection Zone.

6.5 Waste Management

- 6.5.1 The EA has no records of any active landfills within 250 m of the site.
- 6.5.2 The EA and Local Authority (LA) have no records of any historic landfills within 250 m of the site.

6.6 Pollution

- 6.6.1 The EA has no records of any significant or major pollution incident to controlled waters within 250 m of the site.
- 6.6.2 The EA has no records of any sites within 250 m of the study area that are potential pollution hazards or potential sources of industrial pollution and regulated under the EC Integrated Pollution Prevention and Control Directive (IPPC).
- 6.6.3 The Local Authority has no records of any sites within 250 m of the study area that operate under Local Authority Pollution Prevention and Control regulations (PPC).

6.7 Radon

- 6.7.1 Information contained in a '*Radon Report*' provided by the BGS, included in Appendix C, indicates that basic radon protection measures may be required for new housing built along the western side of the site. This should be assessed further following finalisation of the development layout to establish plot-specific requirements.

7. INITIAL CONCEPTUAL SITE MODEL

7.1 Environmental Setting

7.1.1 On the basis of the findings of the Phase I Desk Study presented in Sections 4 to 6 of this report, the environmental setting of the site can be summarised as follows:

- the site is situated to the north of Rebecca Road in Pershore, Worcestershire and can be located approximately by National Grid Reference 393640, 246330;
- it covers an area of approximately 4.9 hectares and comprises undeveloped arable farmland;
- site levels around the northern, eastern and southern boundaries are relatively level at 54 to 55 m OD and there is a shallow valley in the west of the site where levels drop to approximately 49 m OD. To the west of the site, ground levels drop down into the valley of Bow Brook;
- surrounding land use is agricultural to the north and west with the southern boundary formed by Rebecca Road and the northern boundary by Worcester Road. There is existing housing to the south and west of the site;
- no visual evidence of potential significant contamination was noted during the site walkover;
- historical maps show that the site has comprised undeveloped farmland since at least 1885;
- there was a small pond towards the centre of the site but this either dried up or was infilled between 1904 and 1938;
- surrounding land use has been predominantly agricultural/orchards to the north and west with housing development to the south and east from the 1938's onwards. Allesborough Farm was immediately to the east of the site but this was redeveloped for housing between 2006 and 2024;
- the geology of the site has appraised from information published by the BGS and is shown to comprise the Charmouth Mudstone Formation of the Lias Group of Jurassic age;
- no superficial/drift deposits are mapped beneath the site; however, the Pershore Sand and Gravel Member is mapped immediately to the east of the site;
- the site is not in an area affected by past coal mining activities;
- there are no surface watercourses (rivers/streams) within 250 m of the site;
- the EA has no records of any licensed surface water abstractions within 250 m of the site;
- the EA has no records of any licensed discharge consents within 250 m of the site;
- based on current information provided by the EA, included in the Envirocheck Report, the site is not mapped in an area likely to be at risk of river flooding;
- the Charmouth Mudstone Formation is classified by the EA as a '*Secondary Undifferentiated*' aquifer;
- the EA has records of 2 No. licensed groundwater abstractions within 250 m of the site: F W Knight is permitted to abstract groundwater for '*general farming and domestic use*' from a borehole (Well 1) approximately 127 m to the south of the site and from a borehole (Well 2) approximately 197 m to the south of the site;
- the site is not mapped by the EA to be within a groundwater Source Protection Zone;
- the EA has no records of any active landfills within 250 m of the site;
- the EA/LA have no records of any historic landfills within 250 m of the site;
- the EA has no records of any significant or major pollution incidents to controlled waters within 250 m of the site;
- the EA has no records of any sites within 250 m of the study area that are potential pollution hazards or potential sources of industrial pollution and regulated under the EC Integrated Pollution Prevention and Control Directive (IPPC);
- the Local Authority has no records of any sites within 250 m of the study area that operate under Local Authority Pollution Prevention and Control regulations (PPC);
- information provided by the BGS indicates that basic radon protection measures may be required for new housing built along the western side of the site. This should be assessed further following finalisation of the development layout to establish plot-specific requirements.

7.2 Initial Conceptual Model and Preliminary Risk Assessment

General

7.2.1 The initial conceptual model and preliminary risk assessment are based on information derived from the desk study to provide a qualitative assessment of risk posed to human health and environmental receptors from potential on and off-site sources of contamination as defined within Part IIA of the Environmental Protection Act (1990). For a significant risk to exist, it must be established that contamination has the potential to cause harm to susceptible receptors. This is known as ‘*pollutant linkage*’ and requires three criteria to be identified at a significant level:

- the presence of substances that may cause harm (SOURCE);
- the presence of a receptor which may be harmed (RECEPTOR);
- the existence of a plausible pollutant linkage between the source and the target (PATHWAY).

7.2.2 EA R&D66 (2008) includes a risk classification system based on classification of consequence and probability. Table 2 shows a risk matrix, in which the likelihood or probability of each pollutant linkage being realised is ranked against the severity of the consequences. The result is the risk classification, based upon which risk management actions can be implemented. The individual sources, pathways and receptors identified are assessed against this risk matrix; potential pollutant linkages and associated risks are recorded.

		Severity of Consequence			
		Severe	Medium	Mild	Minor
Probability of pollutant linkage	High Likelihood	Very high risk	High risk	Moderate risk	Moderate / low risk
	Likely	High risk	Moderate risk	Moderate / low risk	Low risk
	Low Likelihood	Moderate risk	Moderate / low risk	Low risk	Very low risk
	Unlikely	Moderate / low risk	Low risk	Very low risk	Very low risk

Table 2: Risk Matrix

7.2.3 Definitions of risk terminology are as follows.

7.2.4 **Very high risk:** there is a probability that severe harm could arise to a designated receptor from an identified source, or there is evidence that severe harm to a designated receptor is currently occurring.

7.2.5 **High risk:** harm is likely to arise to a designated receptor from an identified source.

7.2.6 **Moderate risk:** it is possible that harm could arise to a designated receptor from an identified source. However, it is relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild.

7.2.7 **Low risk:** it is possible that harm could arise to a designated receptor from an identified source, but it is likely that this harm, if realised, would at worst normally be mild.

7.2.8 **Very low risk:** there is a low possibility that harm could arise to the receptor. In the event of such harm being realised it is not likely to be severe.

- 7.2.9 Professional judgement and experience has been used to estimate the combination of probability and consequence of the harm posed by the pollutant linkages identified. This allows the risk to be evaluated on a qualitative basis. The risk category is used to prioritise/target the site investigation. Using this matrix and the available screening limits it has been possible to carry out a semi-quantitative risk assessment for the sources, pathways and receptors which have been identified at the site.
- 7.2.10 The initial conceptual model also illustrates the contaminants of concern identified from the contamination assessment and demonstrates the potential pathways and receptors which are considered likely to exist at the site.
- 7.2.11 Risk is based on a consideration of both:
- the likelihood of an event (probability); and
 - the severity of the potential consequences.
- 7.2.12 A pollutant linkage must be established before tests for probability and consequence are applied. If there is no pollutant linkage then there is no potential risk and there is no need to apply tests for probability and consequence. The risk assessment needs to include a logical and transparent system to define categories of severity of consequence and probability of occurrence. The initial conceptual model and preliminary risk assessment are discussed below.

Proposed Development

- 7.2.13 It is understood the proposed development is to comprise housing with private gardens together with hard-surfaced access roads and parking areas and woodland in the west of the site.

Potential On-Site Sources of Contamination

- 7.2.14 Based on the Phase I Desk Study information presented above, no potential significant and site-wide sources of contamination have been identified; however, as this area is to developed for a sensitive end-use, contamination testing of the near-surface soil profile and existing topsoil should form part of a Phase II investigation.
- 7.2.15 Historical maps show a small pond towards the centre of the site, which either dried up or was infilled between 1904 and 1938. This feature should be targeted in a Phase II investigation but is considered unlikely to represent a significant risk to the proposed development in terms of human health contamination or soil-gas risk.

Potential Off-Site Sources of Contamination

- 7.2.16 Based on the Phase I Desk Study information presented above, no plausible significant off-site sources of contamination have been identified that could affect the proposed development.

Potential Sources of Ground Gas

- 7.2.17 Potential sources of ground gas are discussed as follows:
- *Landfill Sites:* there are no landfill sites within 250 m of the site and this potential source can be discounted;

- *Made Ground*: it is unlikely that any site-wide Made Ground is present at the site but there was a small pond towards the centre of the site, which either dried up or was infilled between 1904 and 1938. Made Ground is not inherently a significant source of hazardous ground gas unless substantial proportions of putrescible materials, such as vegetation, food waste, paper, cardboard and wood are present. Any pond infill dating from the early 20th Century is likely to predominantly comprise reworked natural soil and making reference to NF94 (2023), Made Ground comprising reworked natural soils are 'very unlikely to be a significant source of ground gas';
- *Other Anthropogenic Sources*: there are no anthropogenic sources of ground gas that could affect the proposed development;
- *Natural Sources of Methane: Bacteriogenic Processes*: methane can be produced by the microbial decay of organic material under anaerobic conditions. The main sources of such methane are from peat, bogs and other waterlogged vegetation and no such features have been identified on the site;
- *Natural Sources of Methane: Thermogenic Processes*: the site is not in an area of shallow coal mining and; therefore, the proposed developed will not be affected by thermogenic methane.

Receptors

7.2.18 The following site-specific receptors need to be considered:

- long term site users – residents;
- site workers - construction personnel involved in development works;
- building fabric and foundations;
- plant life – gardens and soft landscaped amenity areas;
- controlled waters – licensed groundwater abstractions approximately 127 and 197 m to the south of the site.

Pathways

7.2.19 The potential pathways that are considered relevant to this site are as follows:

- direct contact with and/or incidental ingestion of any contaminated soil;
- direct contact with, incidental ingestion or inhalation of dust derived from any contaminated soil;
- consumption of home-grown produce;
- migration of hazardous soil-gases via permeable strata or via ducts/drains into confined spaces – only potentially associated with infilled pond;
- direct contact between contaminated soils and building substructures;
- migration of contaminants into controlled waters receptors via shallow groundwater beneath the site.

Pollutant Linkages

7.2.20 On the basis of the ‘source-pathway-receptor’ information presented above, the following potential pollutant linkages have been identified at the site:

Source	Pathway	Target	Consequence	Probability	Risk
Possible contamination within near-surface soils	Dermal contact	Site user: female child 0-6 years	Medium	Unlikely	Low
		Site construction worker	Minor	Unlikely	Very low
	Ingestion	Site user: female child 0-6 years	Medium	Unlikely	Low
		Site construction worker	Minor	Unlikely	Very low
	Consumption of home-grown vegetables	Site user: female child 0-6 years	Medium	Unlikely	Low
	Ingestion of soil attached to home-grown vegetables	Site user: female child 0-6 years	Medium	Unlikely	Low
	Dermal contact with dust derived from contaminated soil	Site user: female child 0-6 years	Medium	Unlikely	Low
		Site construction worker	Minor	Unlikely	Very low
	Ingestion of dust derived from contaminated soil	Site user: female child 0-6 years	Medium	Unlikely	Low
		Site construction worker	Minor	Unlikely	Very low
	Inhalation of dust derived from contaminated soil	Site user: female child 0-6 years	Medium	Unlikely	Low
		Site construction worker	Minor	Unlikely	Very low
	Soil-gases derived from Made Ground migrating into buildings via services/foundations.	Site user: female child 0-6 years	Medium	Unlikely	Low
	Migration via shallow groundwater	Controlled waters	Minor	Unlikely	Very low
Direct contact	Buildings	Minor	Unlikely	Very low	
Direct contact	Water supply pipework	Minor	Unlikely	Very low	

Table 3: Pollutant Linkages

7.2.21 Based on the known previous land usage of the site and surrounding area, absence of any identified potential sources of contamination at the site and its geological setting, it is considered that the site represents a **very low** risk to controlled waters. No further assessment of risk to controlled waters is considered necessary.

7.2.22 Based on the proposed end use of the site, the site is considered to present a **very low to low** risk to human health, which should be assessed through a programme of routine chemical testing, soil-gas monitoring (only if Made Ground identified) and risk assessment in accordance with current guidance.

8. DEVELOPMENT ISSUES

Based on the findings of the desk study presented in Sections 4 to 6 of this report, and the resultant Initial Conceptual Site Model that has been designed (Section 7), the following comments are made in respect of typical ground related issues that will need consideration as part of the proposed redevelopment of the site.

8.1 Preparatory Works

8.1.1 Site preparatory works will need to be carried out to facilitate development and are likely to include:

- diversion and relocation of any existing services as applicable;
- topsoil strip and stockpiling for later re-use in gardens and soft landscaped open spaces;
- reprofiling of site levels to achieve a suitable development platform (the extent of which will depend on agreed levels) – retaining features may be required to accommodate changes in ground levels across the site.

8.2 Foundations

8.2.1 The key factors that will dictate foundation design are:

- competence of near-surface natural soil;
- groundwater levels.

8.2.2 The near-surface geology is anticipated to comprise weathered Charmouth Mudstone Formation and; therefore, it would be anticipated that competent natural soil should be present at shallow depth and the use of strip/trench fill foundations should be viable for the proposed development.

8.2.3 The near-surface Charmouth Mudstone Formation is likely to be a shrinkable soil and; therefore, a minimum founding depth of 0.75/0.9/1.0 m would need to be adopted dependent upon the volume change potential of the soil and foundations may need to be deepened near any trees or hedgerows in accordance with NHBC Standards Chapter 4.2 '*Building near Trees*'.

8.2.4 If; however, the near-surface natural geology comprises low bearing capacity near-surface soils or founding depths exceed 2.5 m due to tree influence, consideration may need to be given to an alternative solution, such as vibro-improvement or piling.

8.2.5 Where new build development is located within the zone of influence of trees or hedgerows and founded in shrinkable soil, a suspended floor slab with underfloor void would be required, otherwise, a cast in situ suspended floor slab design or ground bearing slab (if ground conditions permit) could be adopted.

8.2.6 A detailed intrusive ground investigation will be required to determine ground conditions at the site and provide design parameters for foundation design.

8.3 Contamination – Human Health Risk

8.3.1 The Phase II investigation should include sampling and chemical testing of near-surface soils to provide general coverage across the site, together with an assessment of human health risk using the CLEA framework to meet the likely requirements of the Local Authority and/or warranty provider.

8.3.2 The level of risk posed to human health is considered very low to low. In the event that any contamination is encountered on site, it is considered that this could be mitigated by adopting a suitable remedial strategy, such as the localised removal of the contaminated soil or provision of clean topsoil in gardens or soft landscaped amenity areas, to achieve safe redevelopment of the site.

8.3.3 Based on the past usage of the site but subject to ground investigation, it is considered that standard PE/PVC pipe laid in trenches with clean gravel surround should be suitable for the proposed development.

8.4 Contamination – Controlled Waters

8.4.1 The Initial Conceptual Site Model has not identified any potential significant contamination risks to controlled waters.

8.5 Soil-Gas

8.5.1 No site-wide potential significant sources of hazardous soil-gas (methane and carbon dioxide) have been identified that could affect the proposed development; however, the area of the small pond that used to be present will need investigation and, if necessary, soil-gas monitoring.

8.5.2 Information provided by the BGS indicates that basic radon protection measures may be required for new housing built along the western side of the site. This should be assessed further following finalisation of the development layout to establish plot-specific requirements.

8.6 Soakaways

8.6.1 As the near-surface geology is likely to comprise weathered clay soil, it is considered that the use of soakaway drainage will not be viable at the site and an alternative drainage solution will need to be adopted.

9. FURTHER WORK

9.1 This Phase I Desk Study has not identified any significant geoenvironmental constraints at the site that would either preclude development or warrant significant remedial/further action; however, a Phase II Ground Investigation is considered necessary for design purposes and should address the following issues:

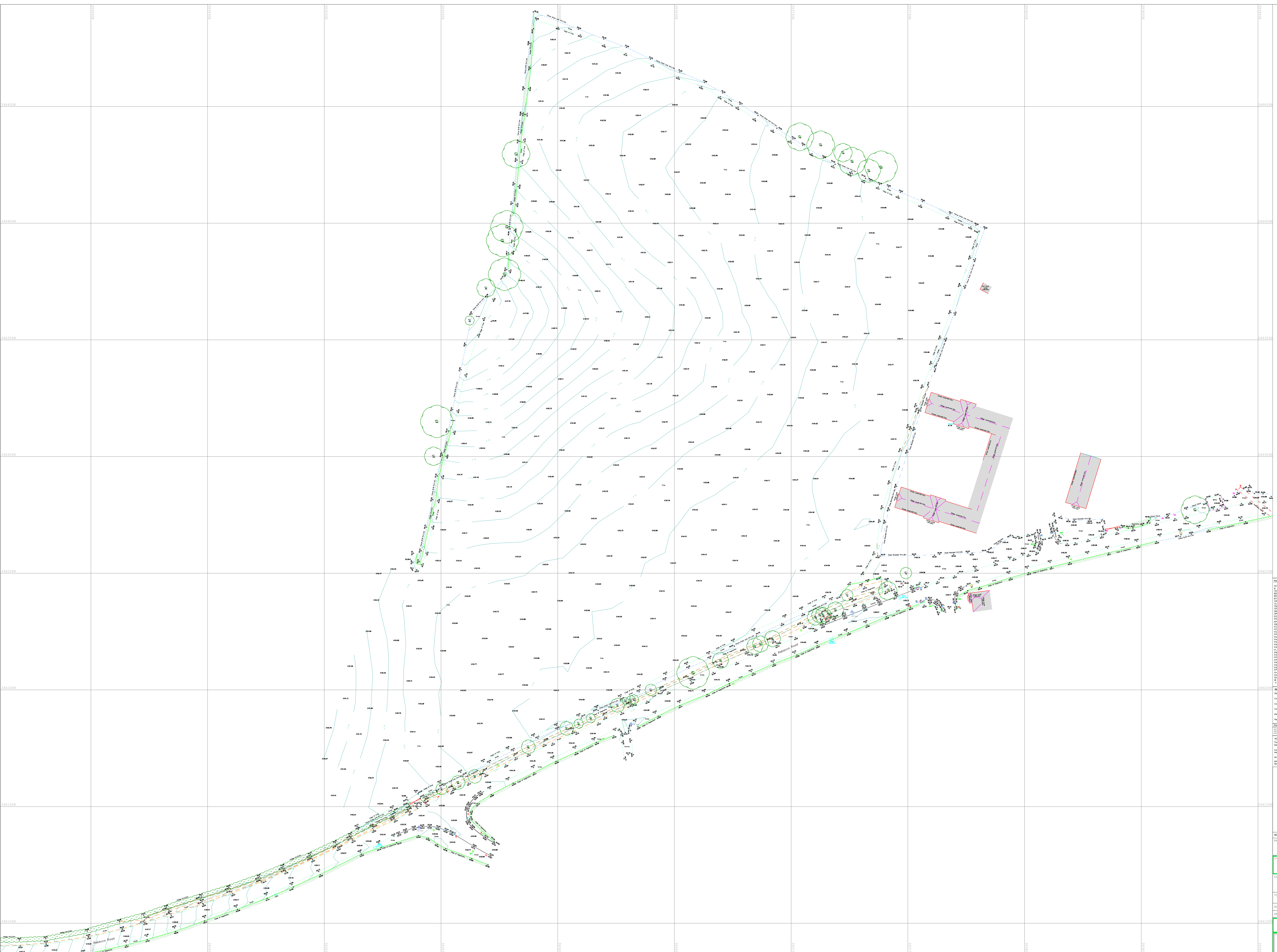
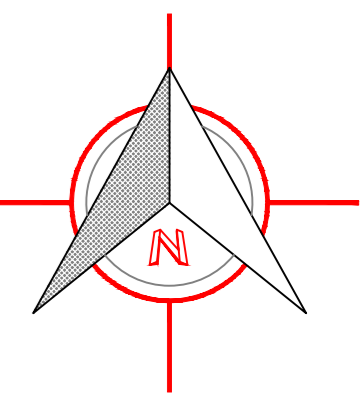
- characterise nature of near-surface natural soil/groundwater across the site;
- assess soil contamination and include a site-specific assessment of risk to human health;
- soil-gas monitoring if Made Ground identified on site in area of former small pond;
- provide geotechnical design parameters for foundation design purposes.

9.2 The Phase II report would need to include a site specific generic quantitative assessment of human health risk using CLEA, together with recommendations for any remediation and/or further work considered necessary.

9.3 The requirement for radon protection to new housing will need to be confirmed.

**APPENDIX A
DRAWING**

Drawing No.	Drawing Title
24178-J	Topographical Survey (by Chilcote Engineering Services)



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SYMBOLS

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NOTES

1. This drawing is based on the Ordnance Survey National Grid (OSGB36) using Geoid Height Adjustment (OSGB36 to ED79).

2. The client warrants that the information provided to the consultant is true and correct.

3. The consultant warrants that the information provided in this drawing is based on the information provided by the client and its own surveying.

4. All dimensions should be checked on site prior to construction.

5. The client warrants that the information provided in this drawing is based on the information provided by the client and its own surveying.

6. The consultant warrants that the information provided in this drawing is based on the information provided by the client and its own surveying.

7. The client warrants that the information provided in this drawing is based on the information provided by the client and its own surveying.

8. The consultant warrants that the information provided in this drawing is based on the information provided by the client and its own surveying.

9. The client warrants that the information provided in this drawing is based on the information provided by the client and its own surveying.

10. The consultant warrants that the information provided in this drawing is based on the information provided by the client and its own surveying.

NO.	DATE	REVISION

PROJECT: Land off Rebecca Road, Penzance

TITLE: Topographical Survey

CLIENT: Touch Developments

TO BE READ IN CONJUNCTION WITH:

SCALE: 1:500	DRAWING NUMBER: 241E-J
DRAWN: HB-JS	DATE: 20/04/24
CHECKED: BT	

CHILCOTE ENGINEERING SERVICES

VIEW TREE FARM
DUNNICHIE
SERVICES DEPT BOO
TRUSCHING DRIVE, BURNHAM
EMAIL: info@chilcote-engineering.com

**APPENDIX B
HISTORICAL MAP EXTRACTS**

Historical Mapping Legends

Ordnance Survey County Series and Ordnance Survey Plan 1:2,500

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

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

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

Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P Pillar, Pole or Post**
Bty Battery **PO Post Office**
Cemy Cemetery **PC Public Convenience**
Chy Chimney **Pp Pump**
Cis Cistern **Ppg Sta Pumping Station**
Dismtd Rly Dismantled Railway **PW Place of Worship**
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta Sewage Pumping Station**
EI P Electricity Pole, Pillar **SB, S Br Signal Box or Bridge**
EI Sub Sta Electricity Sub Station **SP, SL Signal Post or Light**
FB Filter Bed **Spr Spring**
Fn / D Fn Fountain / Drinking Ftn. **Tk Tank or Track**
Gas Gov Gas Valve Compound **Tr Trough**
GVC Gas Governor **Wd Pp Wind Pump**
GP Guide Post **Wr Pt, Wr T Water Point, Water Tap**
MH Manhole **Wks Works (building or area)**
MP, MS Mile Post or Mile Stone **W Well**

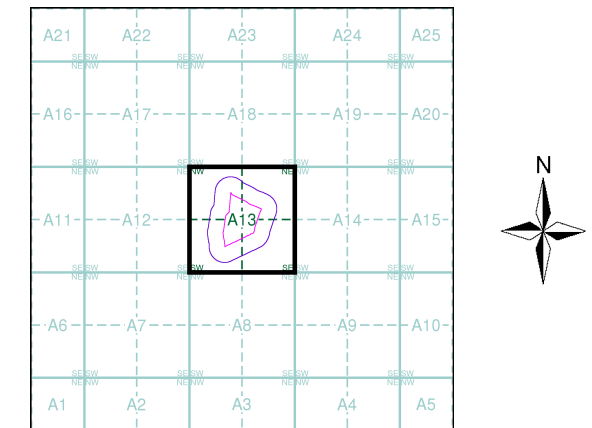
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Worcestershire	1:2,500	1885	2
Worcestershire	1:2,500	1904	3
Worcestershire	1:2,500	1938	4
Ordnance Survey Plan	1:2,500	1970	5
Additional SIMs	1:2,500	1979 - 1990	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	1999	8

Historical Map - Segment A13



Order Details

Order Number: 346173013_1_1
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 National Grid Reference: 393640, 246330
 Slice: A
 Site Area (Ha): 4.94
 Search Buffer (m): 100

Site Details

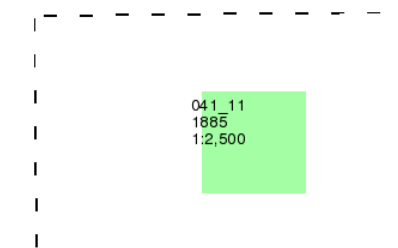
Rebecca Road, PERSHORE

Landmark
 INFORMATION GROUP

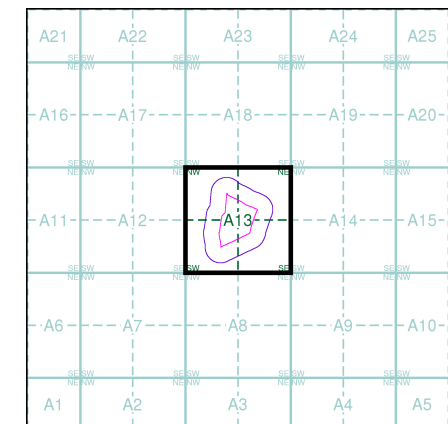
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)



Historical Map - Segment A13

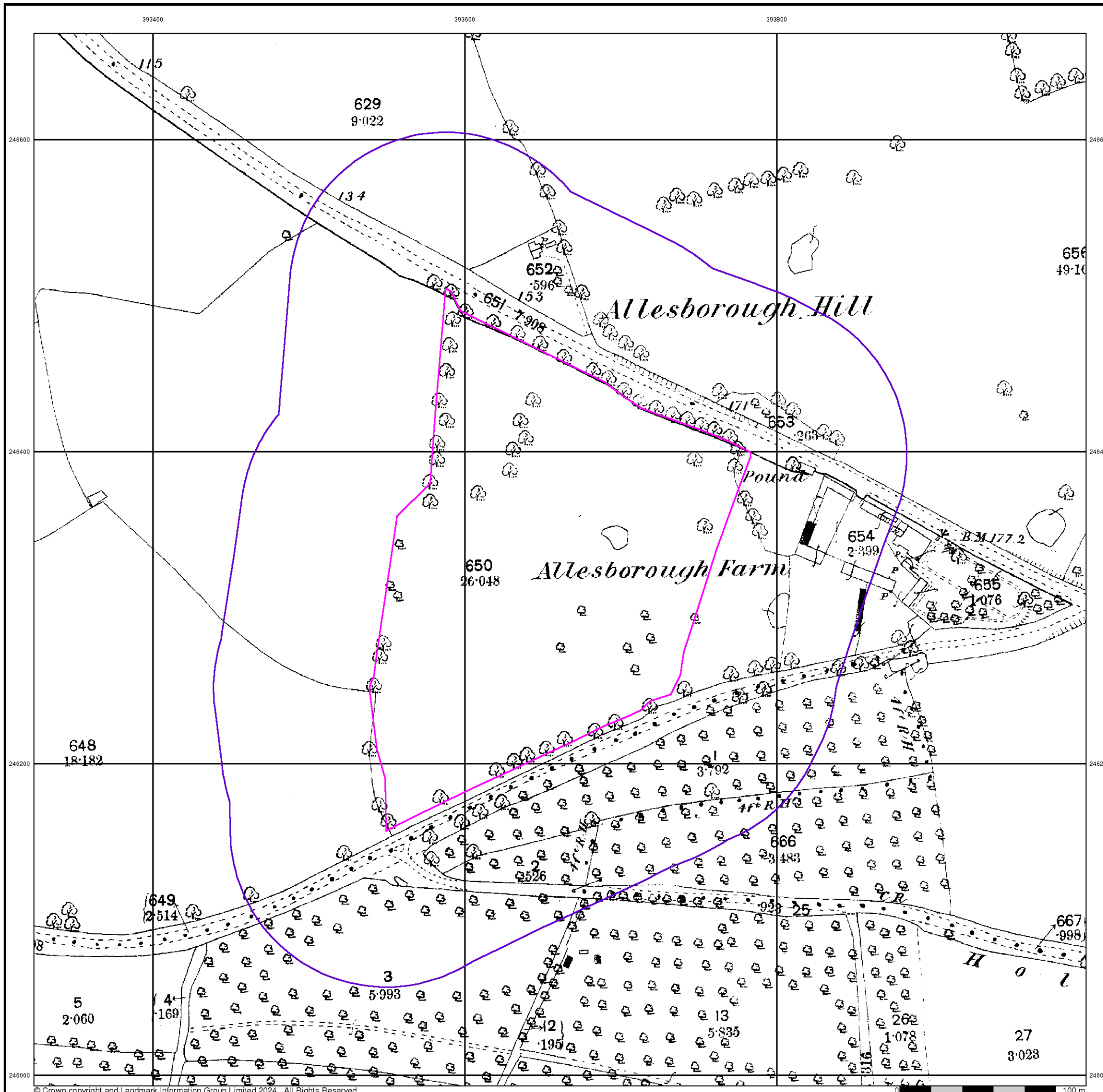


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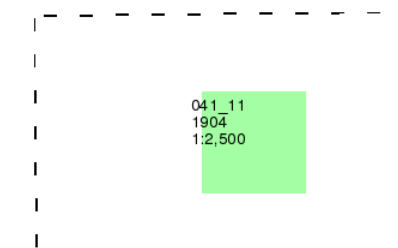
Site Details

Rebecca Road, PERSHORE

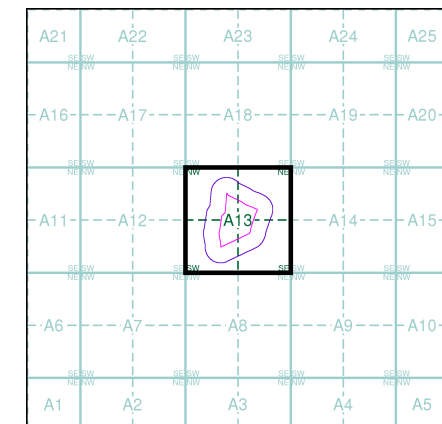


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment A13

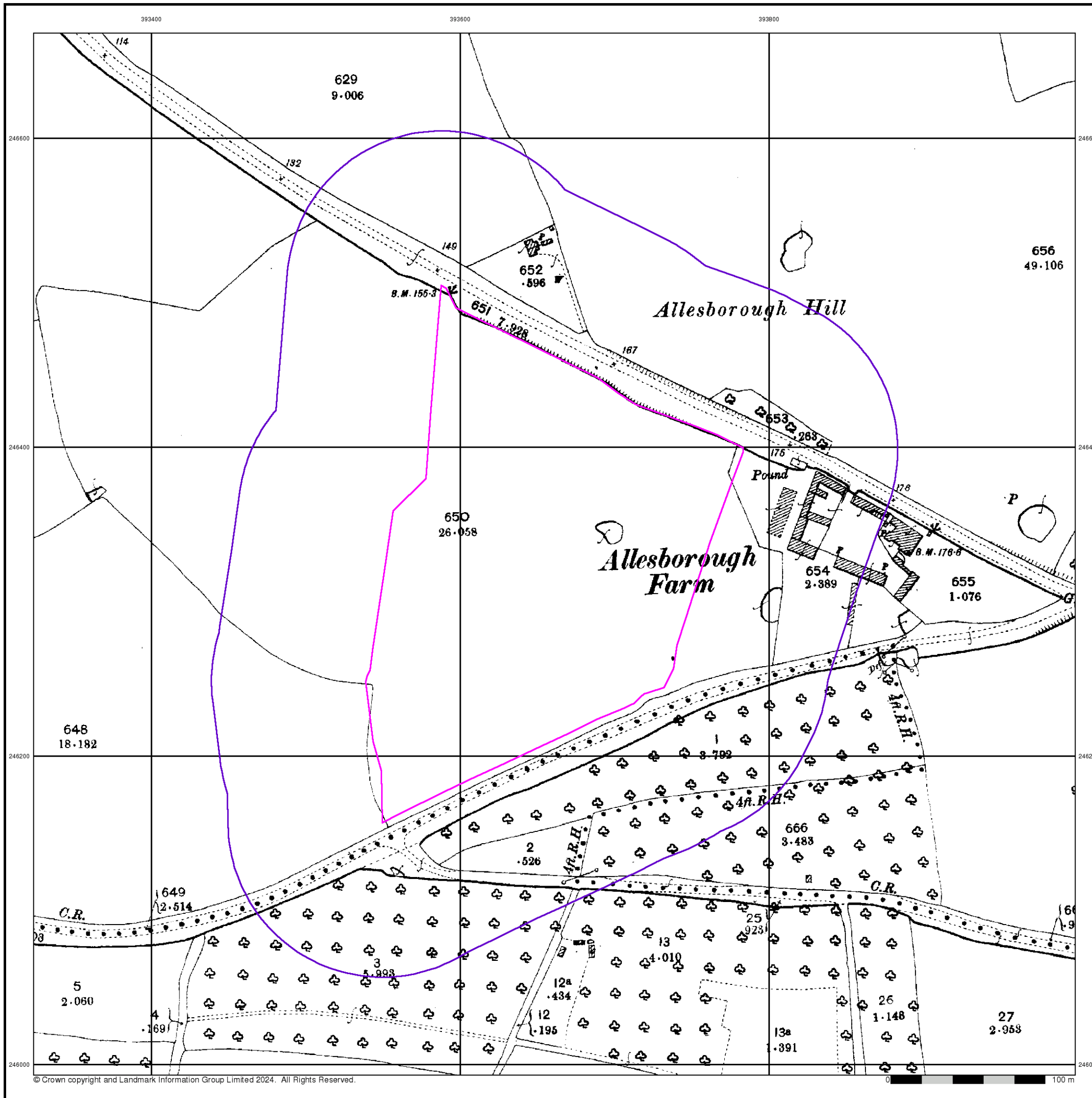


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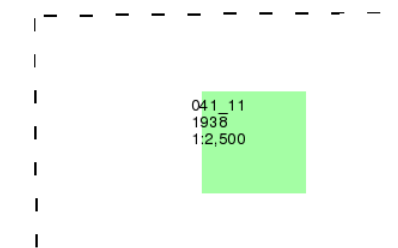
Site Details

Rebecca Road, PERSHORE

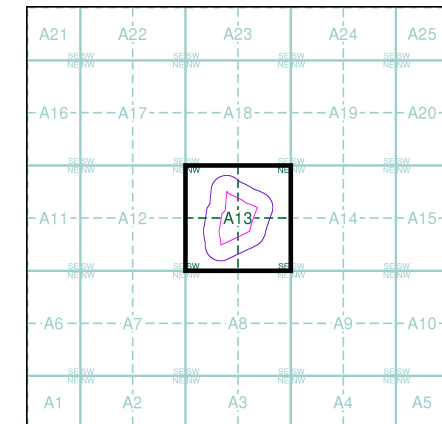


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Map Name(s) and Date(s)



Historical Map - Segment A13

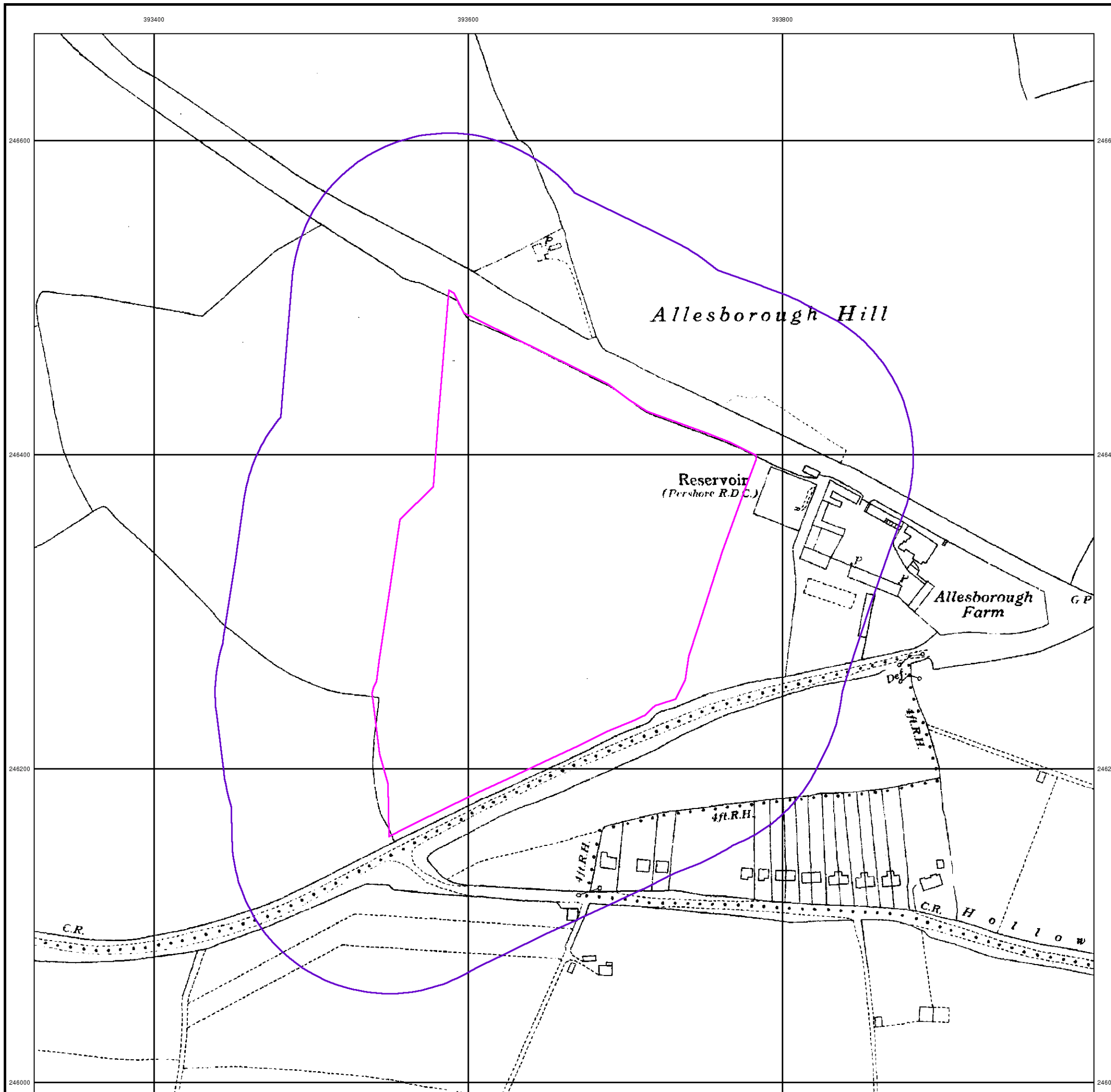


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Site Area (Ha): 4.94
Search Buffer (m): 100

Site Details

Rebecca Road, PERSHORE



Ordnance Survey Plan

Published 1970

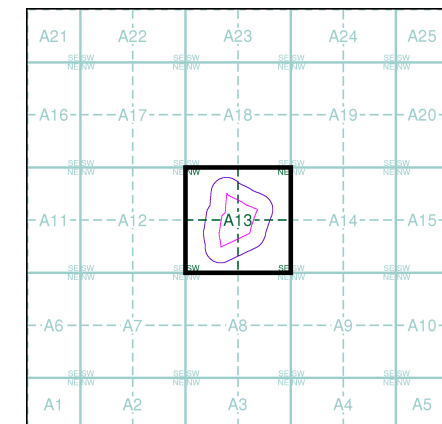
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SO9346	1970	1:2,500
SO9345	1970	1:2,500

Historical Map - Segment A13

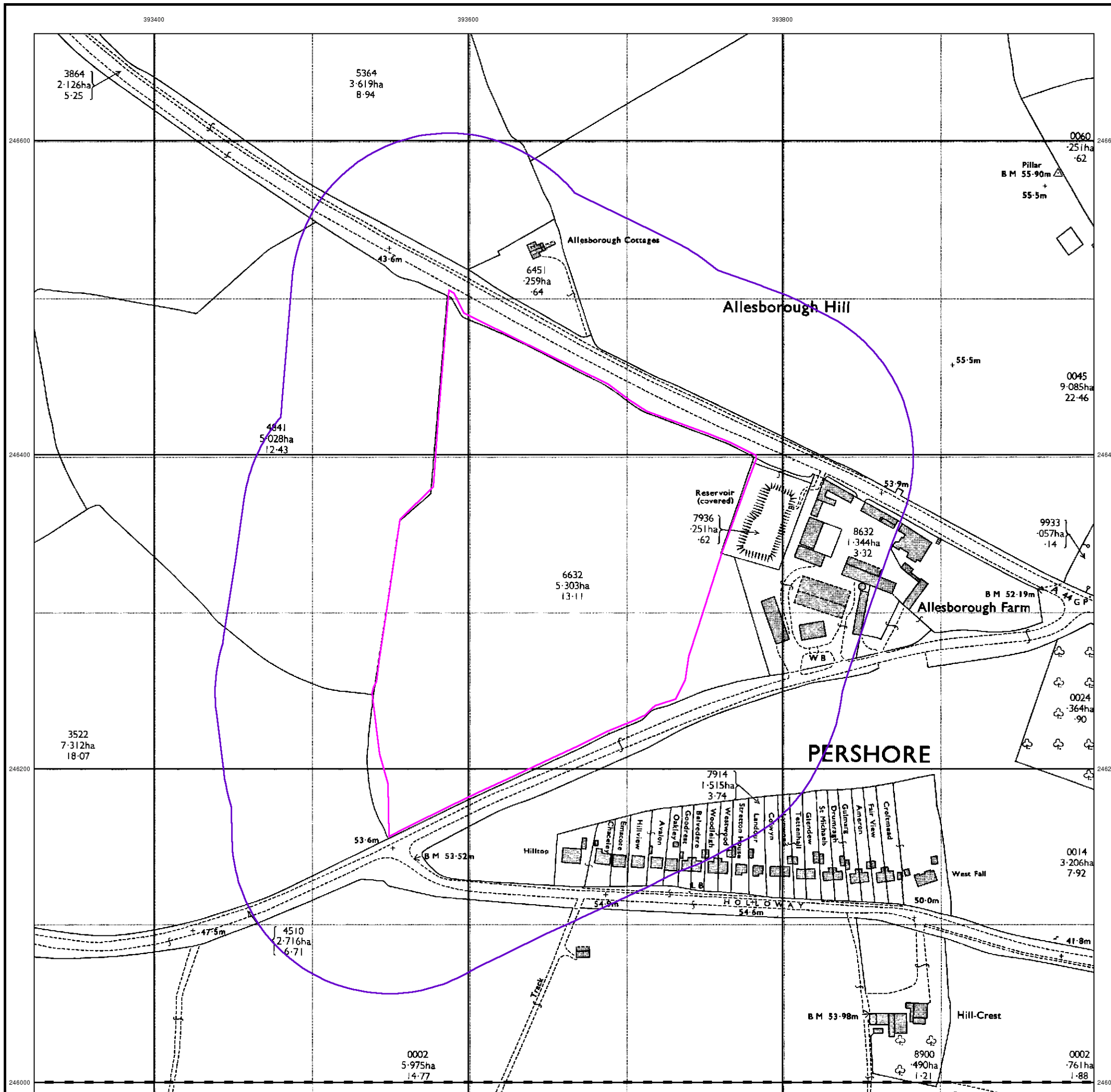


Order Details

Order Number: 346173013_1_1
 Customer Ref: 24135
 National Grid Reference: 393640, 246330
 Slice: A
 Site Area (Ha): 4.94
 Search Buffer (m): 100

Site Details

Rebecca Road, PERSHORE



Large-Scale National Grid Data

Published 1994

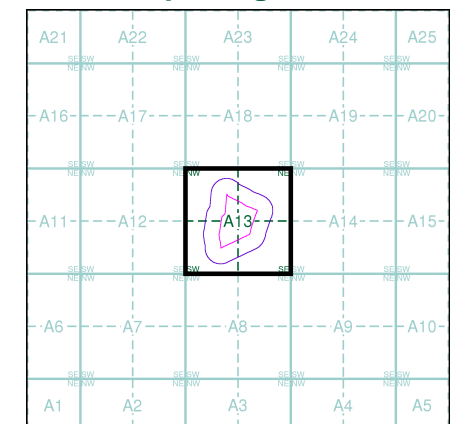
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SO9346	1994	1:2,500
SO9345	1994	1:2,500

Historical Map - Segment A13

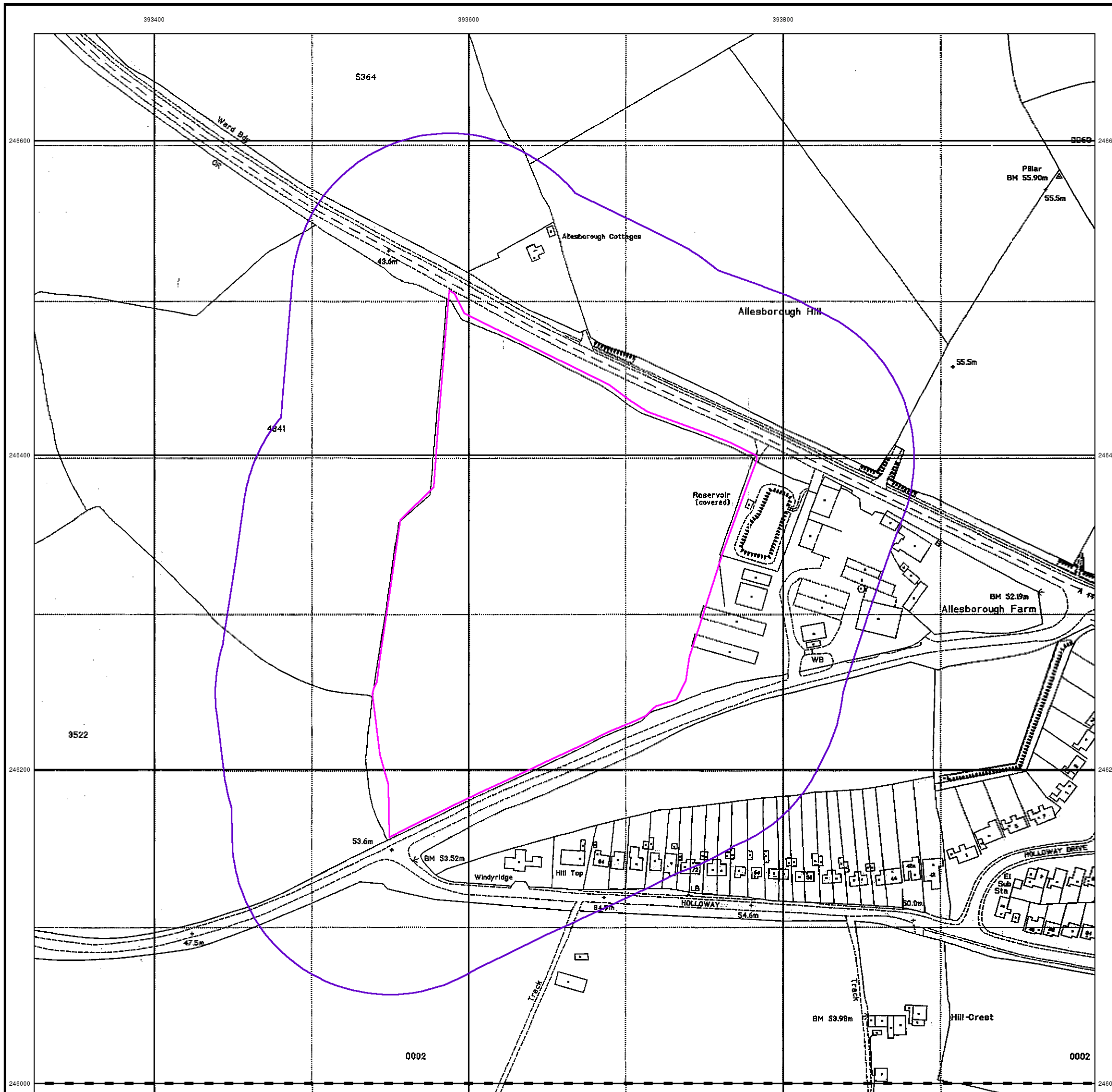


Order Details

Order Number: 346173013_1_1
 Customer Ref: 24135
 National Grid Reference: 393640, 246330
 Slice: A
 Site Area (Ha): 4.94
 Search Buffer (m): 100

Site Details

Rebecca Road, PERSHORE



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

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

1:10,000 Raster Mapping

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

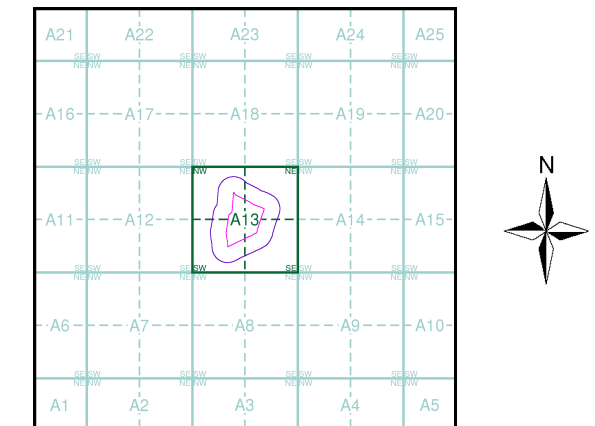
Envirocheck®

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Worcestershire	1:10,560	1884	2
Worcestershire	1:10,560	1905	3
Worcestershire	1:10,560	1938	4
Historical Aerial Photography	1:10,560	1948 - 1949	5
Ordnance Survey Plan	1:10,000	1954 - 1955	6
Ordnance Survey Plan	1:10,000	1970 - 1972	7
Ordnance Survey Plan	1:10,000	1972	8
Ordnance Survey Plan	1:10,000	1983	9
Ordnance Survey Plan	1:10,000	1992 - 1993	10
10K Raster Mapping	1:10,000	2000	11
10K Raster Mapping	1:10,000	2006	12
VectorMap Local	1:10,000	2024	13

Historical Map - Slice A



Order Details

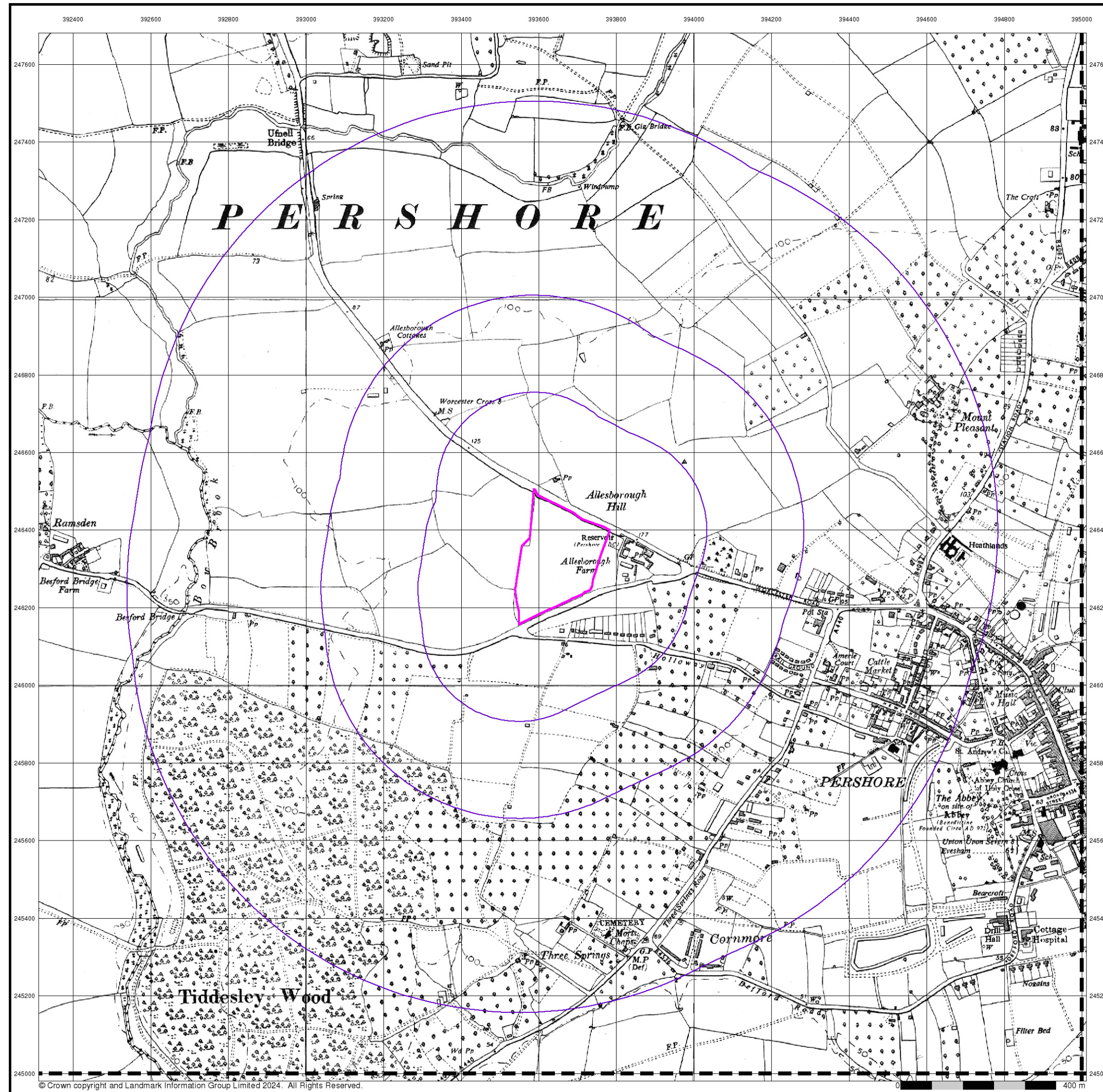
Order Number: 346173013_1_1
 Customer Ref: 24135
 National Grid Reference: 393640, 246330
 Slice: A
 Site Area (Ha): 4.94
 Search Buffer (m): 1000

Site Details

Rebecca Road, PERSHORE

Landmark
 INFORMATION GROUP

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



Ordnance Survey Plan

Published 1954 - 1955

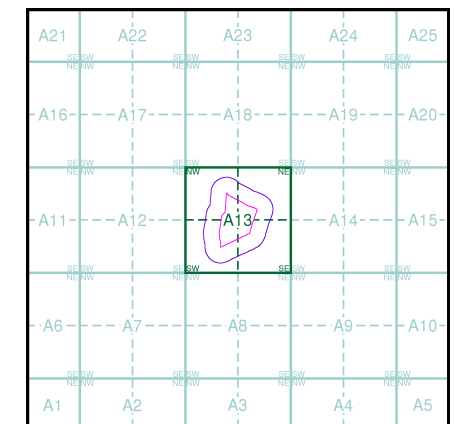
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO94NW 1954 1:10,560	SO94NE 1955 1:10,560
SO94SW 1955 1:10,560	SO94SE 1954 1:10,560

Historical Map - Slice A

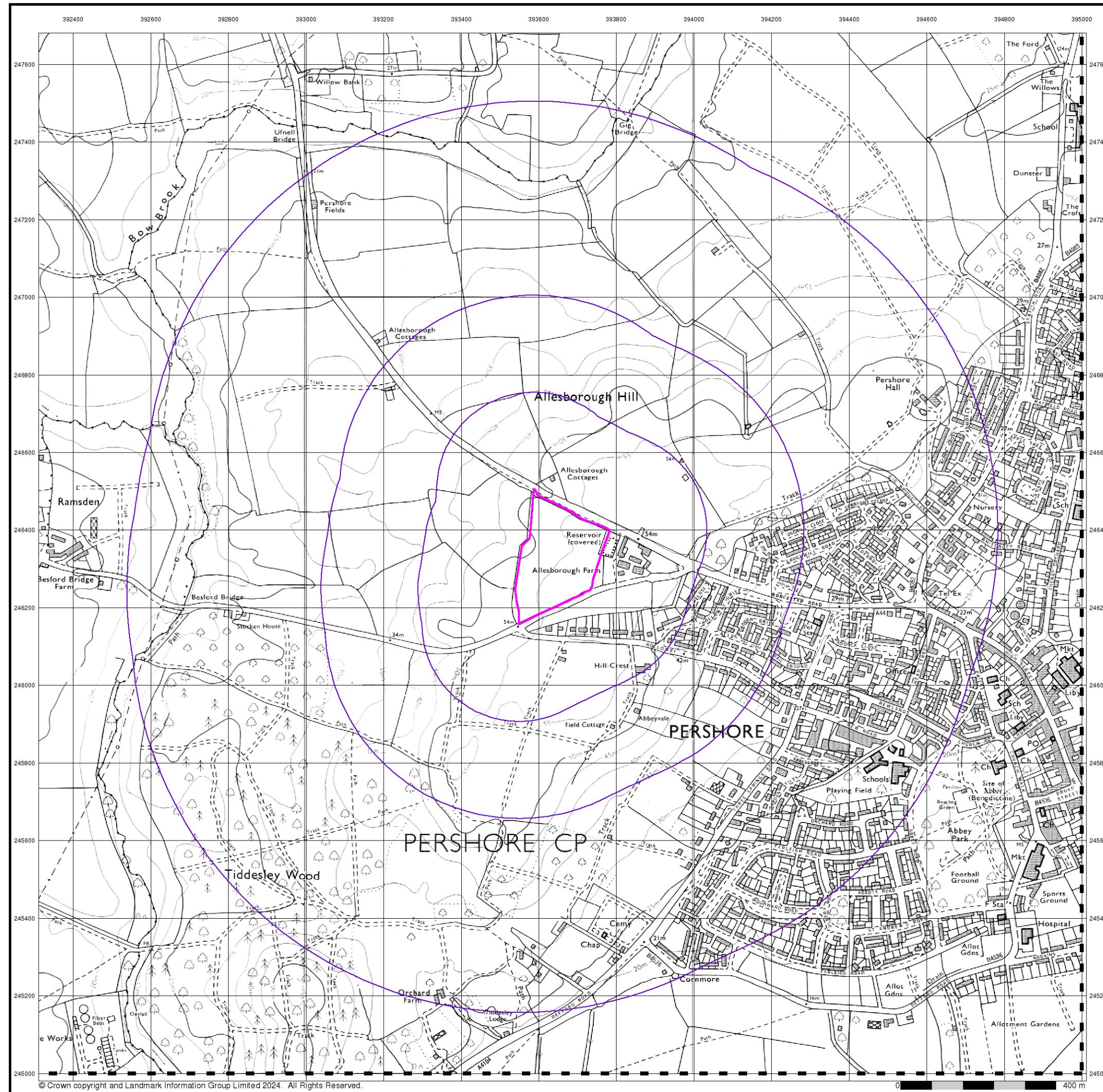


Order Details

Order Number: 346173013_1_1
 Customer Ref: 24135
 National Grid Reference: 393640, 246330
 Slice: A
 Site Area (Ha): 4.94
 Search Buffer (m): 1000

Site Details

Rebecca Road, PERSHORE



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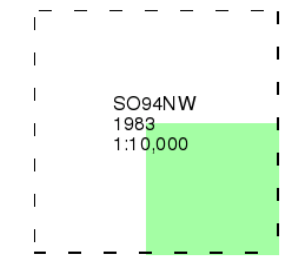
Ordnance Survey Plan

Published 1983

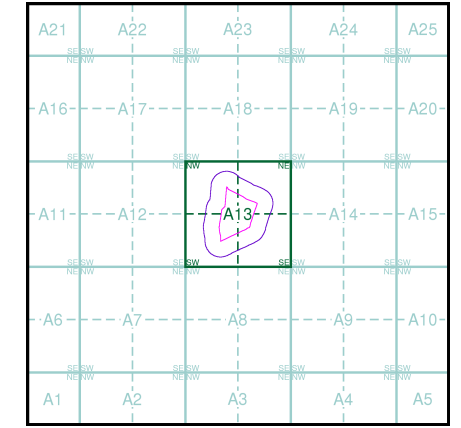
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

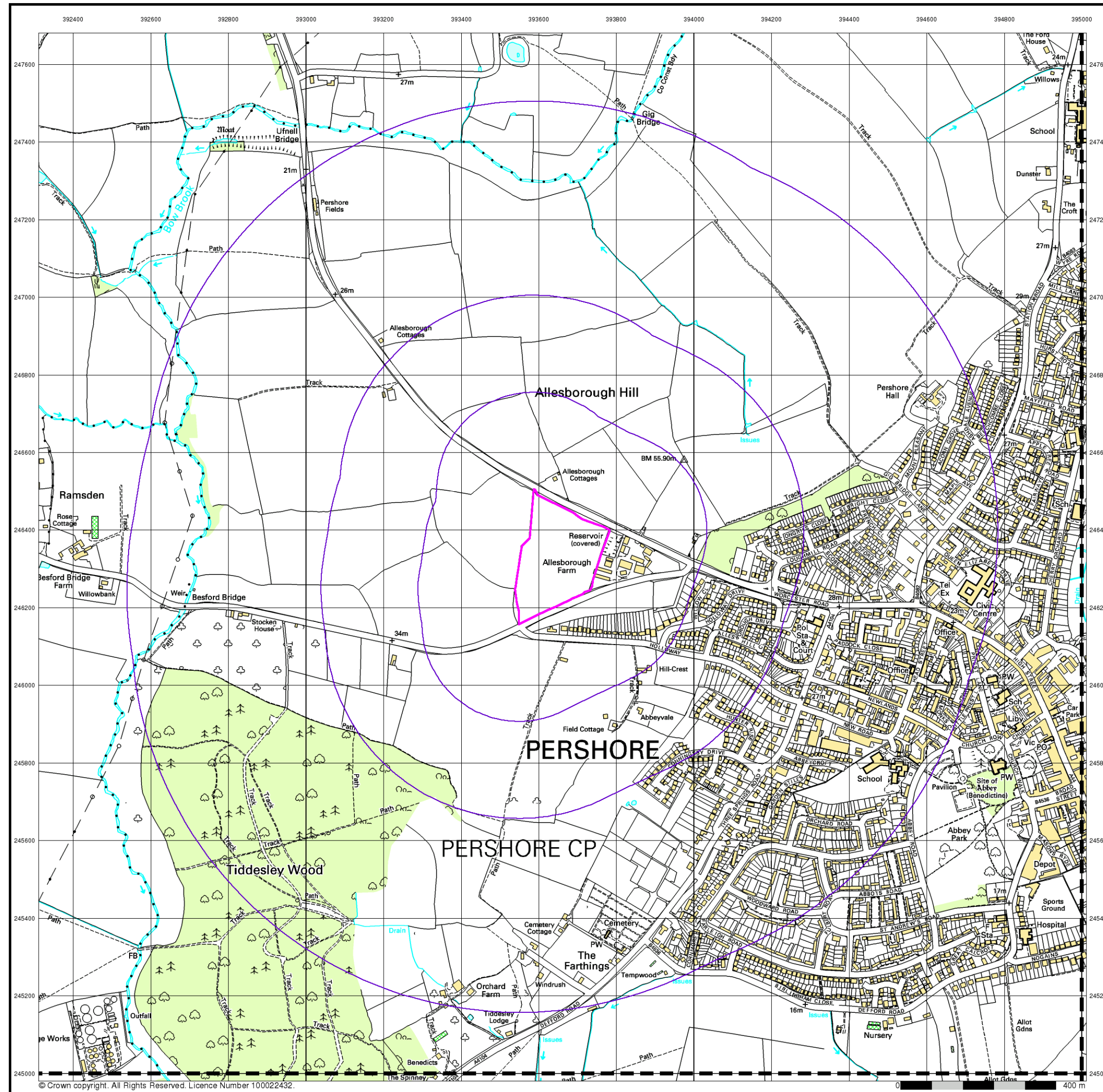
Order Number: 346173013_1_1
 Customer Ref: 24135
 National Grid Reference: 393640, 246330
 Slice: A
 Site Area (Ha): 4.94
 Search Buffer (m): 1000

Site Details

Rebecca Road, PERSHORE

Landmark
 INFORMATION GROUP

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



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10k Raster Mapping

Published 2000

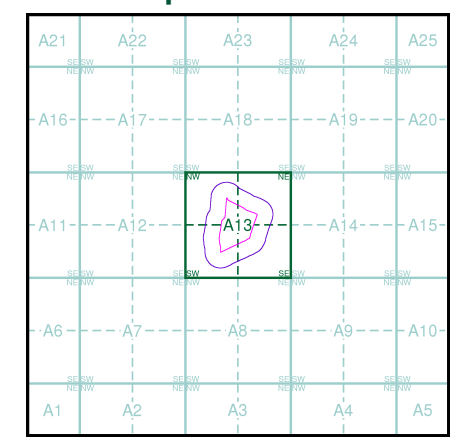
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO94NW 2000 1:10,000	SO94NE 2000 1:10,000
SO94SW 2000 1:10,000	SO94SE 2000 1:10,000

Historical Map - Slice A



Order Details

Order Number: 346173013_1_1
 Customer Ref: 24135
 National Grid Reference: 393640, 246330
 Slice: A
 Site Area (Ha): 4.94
 Search Buffer (m): 1000

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10k Raster Mapping

Published 2006

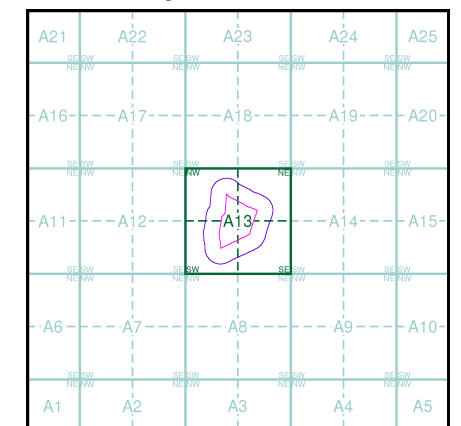
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO94NW 2006 1:10,000	SO94NE 2006 1:10,000
SO94SW 2006 1:10,000	SO94SE 2006 1:10,000

Historical Map - Slice A

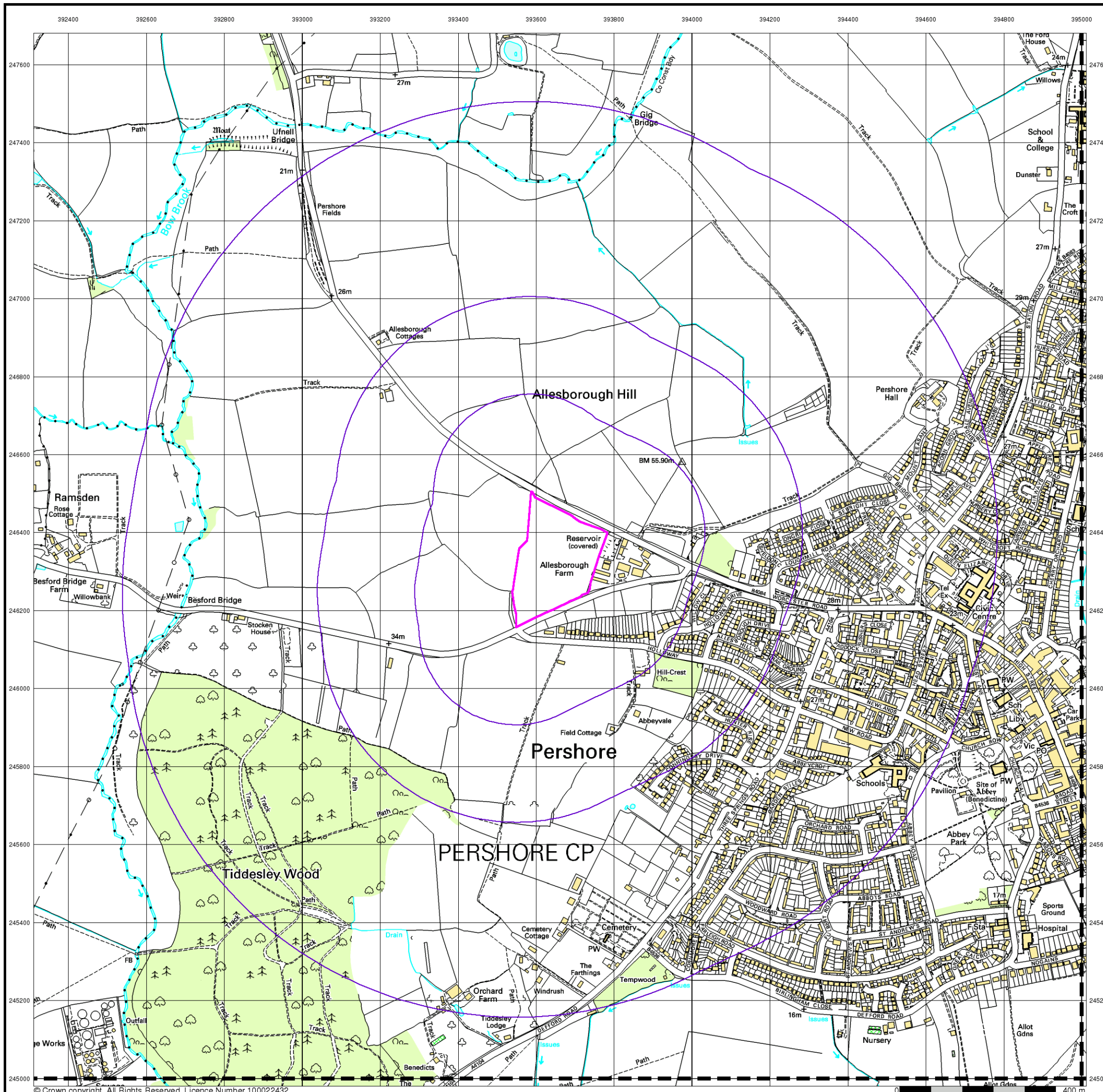


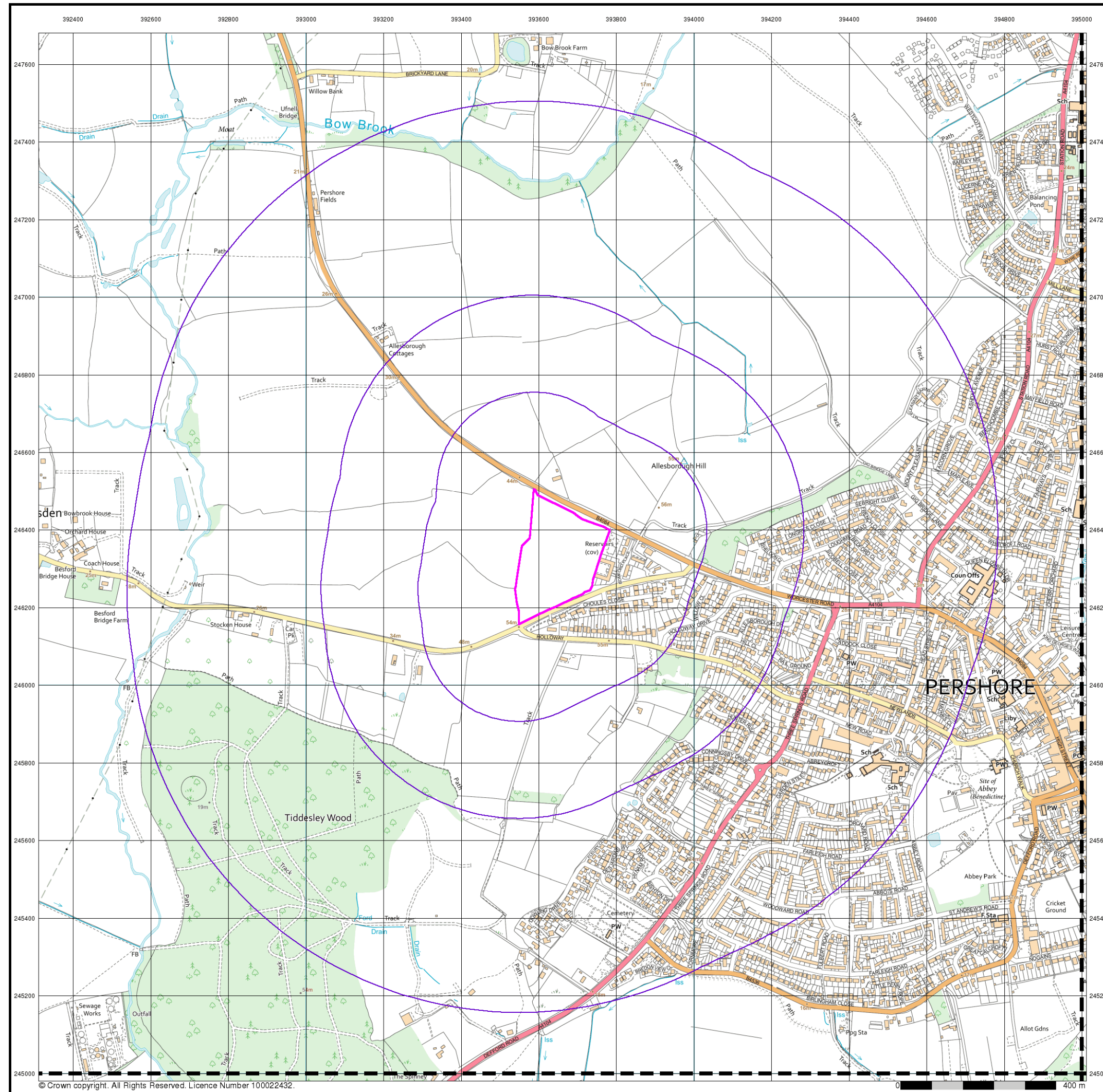
Order Details

Order Number: 346173013_1_1
 Customer Ref: 24135
 National Grid Reference: 393640, 246330
 Slice: A
 Site Area (Ha): 4.94
 Search Buffer (m): 1000

Site Details

Rebecca Road, PERSHORE





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VectorMap Local

Published 2024

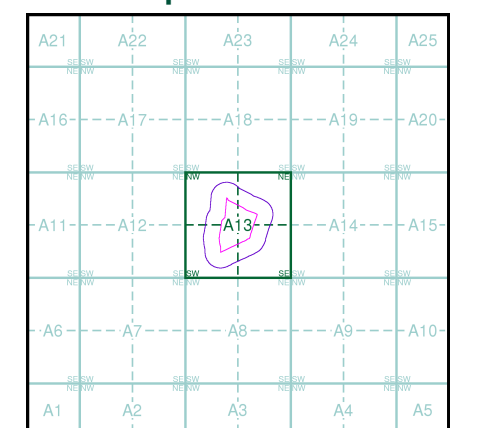
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO94NW 2024 Variable	SO94NE 2024 Variable
SO94SW 2024 Variable	SO94SE 2024 Variable

Historical Map - Slice A



Order Details

Order Number: 346173013_1_1
 Customer Ref: 24135
 National Grid Reference: 393640, 246330
 Slice: A
 Site Area (Ha): 4.94
 Search Buffer (m): 1000

Site Details

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**APPENDIX C
BGS RADON REPORT**

Mark Gill
Woolley Pritchard & Co
Varney House
91 Spon Lane
West Bromwich
B70 6AB

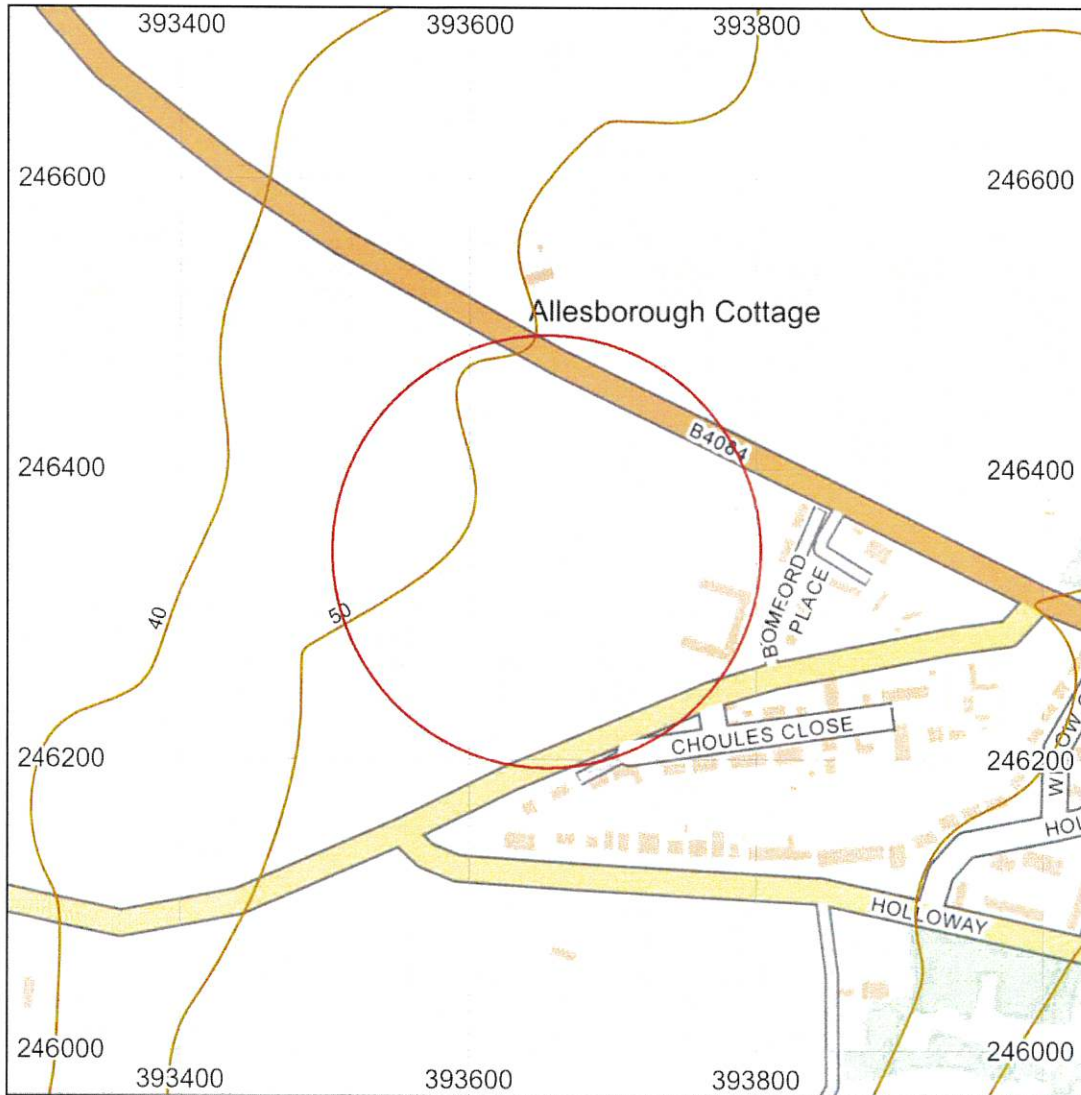
Radon Report

Advisory report on the requirement for radon protective measures in new buildings, conversions and extensions to existing buildings. The report also indicates whether a site is located within a radon Affected Area

Report Id: *BGS_338268/54001*

Client reference: 24135

Search location



Contains OS data © Crown Copyright and database right 2024. OS OpenMap Local: Scale: 1:5 000 (1cm = 50 m)

Search location indicated in red

Area centred at: 393654,246343

Radius of site area: 149 metres

Radon Report: UK

When extensions are made to existing buildings in high radon areas, or new buildings are constructed in these areas, the Building Regulations for England, Wales, Scotland and Northern Ireland require that protective measures are taken against radon entering the building.

This report provides information on whether radon protective measures are required. Depending on the probability of buildings having high radon levels, the Regulations may require either:

1. No protective measures
2. Basic protective measures
3. Full protective measures

This is an advisory report on the requirement for radon protective measures in new buildings, conversions and extensions. The report also indicates whether a site is located within a radon Affected Area

Requirement for radon protective measures

The determination below follows advice in *BR211 Radon: Guidance on protective measures for new buildings (2023 edition)*, which also provides guidance on what to do if the result indicates that protective measures are required.

Is the property in an area where radon protective measures are required for new buildings or extensions to existing ones as described in publication BR211 (2023 edition) Radon: Guidance on protective measures for new buildings?

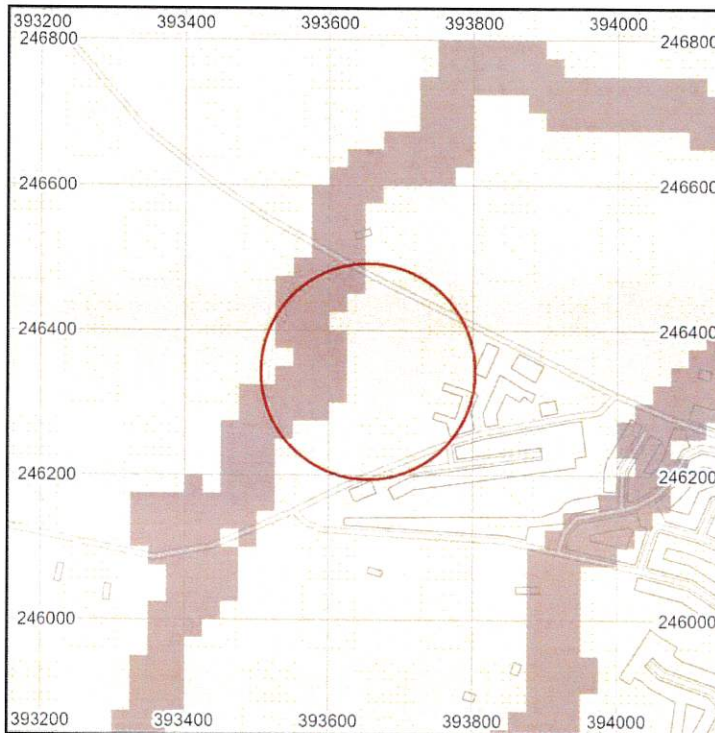
BASIC RADON PROTECTIVE MEASURES ARE REQUIRED FOR THE REPORT AREA.

More details of the protective measures required are available in *BR211 Radon: Guidance on protective measures for new buildings (2023 Edition)*.

Whether or not the radon level in a building is above or below the radon Action Level can only be established by having the building tested. The UKHSA provides a radon testing service which can be accessed at www.ukradon.org or by telephone (01235 822622).

If you require further information or guidance, you should contact your local authority building control officer or approved inspector.

Radon Affected Area



% Homes estimated to be at or above the action level	
	0-1%
	1-3%
	3-5%
	5-10%
	10-30%
	30-100%

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Scale: 1:10 000 (1cm = 100 m)

Search area indicated in red

Is the property in a radon Affected Area as defined by the UK Health Security Agency (UKHSA) and if so what percentage of homes are estimated to be at or above the Action Level? YES

Additional Information

THE PROPERTY IS IN A RADON AFFECTED AREA WHERE 3 TO 5% OF HOMES ARE ESTIMATED TO BE AT OR ABOVE THE ACTION LEVEL.

The UKHSA recommends a radon 'Action Level' of 200 Becquerels per cubic metre of air (Bq m^{-3}) for the annual average of the radon gas concentration in a home. Where 1% or more of homes are estimated to be at or above the Action Level the area should be regarded as a radon Affected Area.

This report informs you whether the property is in a radon Affected Area and the percentage of homes that are estimated to be at or above the radon Action Level at this location. Being in an Affected Area does not necessarily mean there is a high radon level within the property; the only way to determine the radon level is to carry out a radon measurement.

The UKHSA advises that radon gas should be measured in all properties within radon Affected Areas and that homes with radon levels at or above the Action Level (200 Bq m⁻³) should be remediated. Householders with levels between the Target Level (100 Bq m⁻³) and Action Level should seriously consider reducing their radon level, especially if they are at greater risk, such as if they are current or ex smokers. Whether or not a home is in fact above or below the Action Level or Target Level can only be established by having the building tested. The UKHSA provides a validated radon testing service which can be accessed at www.ukradon.org.

The information in this report provides an answer to one of the standard legal enquiries on house purchase in England and Wales, known as Law Society CON29 Enquiries of the Local Authority (2016); 3.14 Radon Gas: Do records indicate that the property is in a "Radon Affected Area" as identified by the UKHSA. The data can also be used to advise house buyers and sellers in Scotland and Northern Ireland.

If you are buying a new build property in a Radon Affected Area, you should ask the builder whether radon protective measures were incorporated in the construction of the property.

If you are buying a currently occupied property in a radon Affected Area, you should ask the present owner whether radon levels have been measured in the property. If they have, ask whether the results were at or above the radon Action Level and if so, whether remedial measures were installed, radon levels were re-tested, and if the results of re-testing confirmed the effectiveness of the measures.

Further information on radon is available from the UKHSA at www.ukradon.org.

What is radon?

Radon is a naturally occurring radioactive gas, which is produced by the radioactive decay of radium which, in turn, is derived from the radioactive decay of uranium. Uranium is found in small quantities in all soils and rocks, although the amount varies from place to place. Radon released from rocks and soils is quickly diluted in the atmosphere. Concentrations in the open air are normally very low and do not present a hazard. Radon that enters enclosed spaces such as some buildings (particularly basements), caves, mines, and tunnels may reach high concentrations in some circumstances. The construction method and degree of ventilation will influence radon levels in individual buildings. A person's exposure to radon will also vary according to how particular buildings and spaces are used.

Inhalation of the radioactive decay products of radon gas increases the chance of developing lung cancer. If individuals are exposed to high concentrations for significant periods of time, there may be cause for concern. In order to limit the risk to individuals, the Government has adopted an Action Level for radon in homes of 200 becquerels per cubic metre (Bq m^{-3}). The Government advises householders that, where the radon level is at or above the Action Level, measures should be taken to reduce the concentration.

Radon in workplaces

The Ionising Radiation Regulations 2017 require employers to take action when radon is present above a defined level in the workplace. Advice may be obtained from your local Health and Safety Executive Area Office or the Environmental Health Department of your local authority. The BRE publishes a guide (BR293): **Radon in the workplace**. BRE publications may be obtained from the BRE Bookshop, Tel: 01923 664262, email: bookshop@bre.co.uk website: www.brebookshop.com

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- Note that for some sites, the latest available records may be historical in nature, and while every effort is made to place the analysis in a modern geological context, it is possible in some cases that the detailed geology at a site may differ from that described.

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Report issued by
BGS Enquiry Service

APPENDIX D
ENVIROCHECK SUPPORTING INFORMATION

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

346173013_1_1

Customer Reference:

24135

National Grid Reference:

393640, 246330

Slice:

A

Site Area (Ha):

4.94

Search Buffer (m):

1000

Site Details:

Rebecca Road

PERSHORE

Client Details:

Mr M Gill

Georisk Management Limited

Varney House

91 Spon Lane

West Bromwich

B70 6AB

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	26
Hazardous Substances	-
Geological	27
Industrial Land Use	32
Sensitive Land Use	40
Data Currency	41
Data Suppliers	47
Useful Contacts	48

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			11	1
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 5				1
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 5				4
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6			Yes	
Pollution Incidents to Controlled Waters	pg 6				3
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 6				2
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 7				1
Substantiated Pollution Incident Register					
Water Abstractions	pg 7		2		14 (*37)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 21	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 21	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 21	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 21			7	24

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 26	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 26	1	5	2	1
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 27	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 27	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 30	Yes		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 30	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 30	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 30	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 31	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 31	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 32			3	36
Fuel Station Entries	pg 35				2
Points of Interest - Commercial Services	pg 35			2	12
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 36		1		9
Points of Interest - Public Infrastructure	pg 37				18
Points of Interest - Recreational and Environmental	pg 39				1
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 40			1	1
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 40	1			
Ramsar Sites					
Sites of Special Scientific Interest	pg 40			1	
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	0	1	393700 246300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	0	1	393637 246450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	0	1	393600 246330
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	39	1	393500 246250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	114	1	393650 246600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	115	1	393450 246100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	212	1	393750 246650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	217	1	393400 246000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	222	1	393900 246100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	234	1	393800 246650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	237	1	393950 246150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	268	1	394000 246200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	284	1	394050 246300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	321	1	393900 246700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	321	1	394100 246330
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	323	1	393800 246750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	339	1	393900 245950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (NW)	351	1	393250 246600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	366	1	393350 245850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	367	1	394150 246350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	371	1	394000 246700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	384	1	393200 246500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	407	1	393850 245850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	409	1	393750 245800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	434	1	393700 245750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	445	1	394150 246650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	467	1	394250 246400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	468	1	393650 245700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	478	1	393100 246500
1	Discharge Consents Operator: Severn Trent Water Limited Property Type: Undefined Or Other Location: Littleworth, Norton, Upton Snodsbury, Whittington, Drakes, Broughton, Defford - Hodge Hill,, Stoulton - Hawbridge, Wick,, Kington, Nogains Pumping Station Authority: Environment Agency, Midlands Region Catchment Area: Lower Avon Reference: S/17/04268/O Permit Version: 1 Effective Date: 12th March 1957 Issued Date: 12th March 1957 Revocation Date: 5th February 2007 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Not Defined Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	357	2	394000 246009
1	Discharge Consents Operator: Severn Trent Water Limited Property Type: Undefined Or Other Location: Littleworth, Norton, Upton Snodsbury, Whittington, Drakes, Broughton, Defford - Hodge Hill,, Stoulton - Hawbridge, Wick,, Kington, Nogains Pumping Station Authority: Environment Agency, Midlands Region Catchment Area: Lower Avon Reference: S/17/04268/O Permit Version: 1 Effective Date: 12th March 1957 Issued Date: 12th March 1957 Revocation Date: 5th February 2007 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Not Defined Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	358	2	394000 246007

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Undefined Or Other Location: Littleworth, Norton, Upton Snodsbury, Whittington, Drakes, Broughton, Defford - Hodge Hill,, Stoulton - Hawbridge, Wick,, Kington, Nogains Pumping Station</p> <p>Authority: Environment Agency, Midlands Region Catchment Area: Lower Avon Reference: S/17/04268/O Permit Version: 1 Effective Date: 12th March 1957 Issued Date: 12th March 1957 Revocation Date: 5th February 2007 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Not Defined Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	358	2	394000 246008
1	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Undefined Or Other Location: Littleworth, Norton, Upton Snodsbury, Whittington, Drakes, Broughton, Defford - Hodge Hill,, Stoulton - Hawbridge, Wick,, Kington, Nogains Pumping Station</p> <p>Authority: Environment Agency, Midlands Region Catchment Area: Lower Avon Reference: S/17/04268/O Permit Version: 1 Effective Date: 12th March 1957 Issued Date: 12th March 1957 Revocation Date: 5th February 2007 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Not Defined Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	359	2	394000 246006
1	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Undefined Or Other Location: Littleworth, Norton, Upton Snodsbury, Whittington, Drakes, Broughton, Defford - Hodge Hill,, Stoulton - Hawbridge, Wick,, Kington, Nogains Pumping Station</p> <p>Authority: Environment Agency, Midlands Region Catchment Area: Lower Avon Reference: S/17/04268/O Permit Version: 1 Effective Date: 12th March 1957 Issued Date: 12th March 1957 Revocation Date: 5th February 2007 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Not Defined Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	360	2	394000 246004
1	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Undefined Or Other Location: Littleworth, Norton, Upton Snodsbury, Whittington, Drakes, Broughton, Defford - Hodge Hill,, Stoulton - Hawbridge, Wick,, Kington, Nogains Pumping Station</p> <p>Authority: Environment Agency, Midlands Region Catchment Area: Lower Avon Reference: S/17/04268/O Permit Version: 1 Effective Date: 12th March 1957 Issued Date: 12th March 1957 Revocation Date: 5th February 2007 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Not Defined Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	360	2	394000 246005

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Undefined Or Other Location: Littleworth, Norton, Upton Snodsbury, Whittington, Drakes, Broughton, Defford - Hodge Hill,, Stoulton - Hawbridge, Wick,, Kington, Nogains Pumping Station Authority: Environment Agency, Midlands Region Catchment Area: Lower Avon Reference: S/17/04268/O Permit Version: 1 Effective Date: 12th March 1957 Issued Date: 12th March 1957 Revocation Date: 5th February 2007 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Not Defined Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	361	2	394000 246003
1	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Undefined Or Other Location: Littleworth, Norton, Upton Snodsbury, Whittington, Drakes, Broughton, Defford - Hodge Hill,, Stoulton - Hawbridge, Wick,, Kington, Nogains Pumping Station Authority: Environment Agency, Midlands Region Catchment Area: Lower Avon Reference: S/17/04268/O Permit Version: 1 Effective Date: 12th March 1957 Issued Date: 12th March 1957 Revocation Date: 5th February 2007 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Not Defined Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	362	2	394000 246001
1	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Undefined Or Other Location: Littleworth, Norton, Upton Snodsbury, Whittington, Drakes, Broughton, Defford - Hodge Hill,, Stoulton - Hawbridge, Wick,, Kington, Nogains Pumping Station Authority: Environment Agency, Midlands Region Catchment Area: Lower Avon Reference: S/17/04268/O Permit Version: 1 Effective Date: 12th March 1957 Issued Date: 12th March 1957 Revocation Date: 5th February 2007 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Not Defined Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	362	2	394000 246002
1	<p>Discharge Consents</p> <p>Operator: Pershore Investments Ltd Property Type: Undefined Or Other Location: Pershore Trading Estate, Pershore, Worcestershire Authority: Environment Agency, Midlands Region Catchment Area: Lower Avon Reference: S182/2 Permit Version: 1 Effective Date: 28th September 1960 Issued Date: 28th September 1960 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Piddle Brook (Tributary) Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Approximate location provided by supplier</p>	A14SW (SE)	363	2	394000 246000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Undefined Or Other Location: Littleworth, Norton, Upton Snodsbury, Whittington, Drakes, Broughton, Defford - Hodge Hill,, Stoulton - Hawbridge, Wick,, Kington, Nogains Pumping Station Authority: Environment Agency, Midlands Region Catchment Area: Lower Avon Reference: S/17/04268/O Permit Version: 1 Effective Date: 12th March 1957 Issued Date: 12th March 1957 Revocation Date: 5th February 2007 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Not Defined Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	364	2	394001 246000
2	<p>Discharge Consents</p> <p>Operator: Runwell Developments Limited Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Wrights Farm, Besford Bridge, Pershore, Worcestershire Authority: Environment Agency, Midlands Region Catchment Area: Bow Brook Catchment Reference: S/19/25545/S Permit Version: 1 Effective Date: 25th October 1999 Issued Date: 25th October 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Bow Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	823	2	392740 246460
3	<p>Integrated Pollution Controls</p> <p>Name: Schloetter Company Ltd Location: New Road, PERSHORE, Worcestershire, WR10 1BY Authority: Environment Agency, Midlands Region Permit Reference: AL3132 Dated: 26th November 1993 Process Type: Application since found to be exempt from IPC Description: 4.5 A (C) Inorganic Chemical processes within the Chemical Industry Status: Application since found to be exempt from IPC Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	689	2	394321 245887
4	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Three Springs Filling Station Location: Three Springs Road, Pershore, Worcestershire, WR10 1HH Authority: Wychavon District Council, Environmental Health Department Permit Reference: WD/E/02/02699/AP Dated: 1st February 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A14SE (E)	623	3	394336 246081
4	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Kcr Garage Location: Three Springs Road, Pershore Authority: Wychavon District Council, Environmental Health Department Permit Reference: WYC/PPC/98/1/10 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A14SE (E)	638	3	394347 246068
5	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Cox's Cars Ltd Location: 33 Three Springs Road, PERSHORE, Worcestershire, WR10 1HR Authority: Wychavon District Council, Environmental Health Department Permit Reference: WD/E/02/02704/AP Dated: 1st February 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A9NW (SE)	674	3	394219 245779

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Elite Dry Cleaning Location: 134 High Street, Pershore, Wr10 1ea Authority: Wychavon District Council, Environmental Health Department Permit Reference: WYC/PPC/82/1/06 Dated: 1st July 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A15SW (E)	985	3	394725 246111
	<p>Nearest Surface Water Feature</p>	A7NE (SW)	346	-	393253 245978
7	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Private Sewage (Non-PLC): Sewage Treatment Works Location: Treatment Plant At , Stonebow House , Worcester Road; Peoplet Authority: Environment Agency, Midlands Region Pollutant: Sewage - Septic Tank Effluent Note: Bow Brook; Due To Flood Tank Leaking Solids To Brook; Wildlife Effected; Public Water Supply Effected; Amenity Effected; Other Adverse Effects Incident Date: 11th April 1998 Incident Reference: 2602856 Catchment Area: Severn Catchment : Bow Brook Receiving Water: Watercourse Cause of Incident: Weather Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A12SW (W)	741	2	392800 246300
8	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Unknown Location: Location Details Not Specified Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Amenity Affected Incident Date: 3rd March 1996 Incident Reference: 2600483 Catchment Area: Severn Catchment : Lower Avon (Below Bidford) Receiving Water: Watercourse Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A3NE (S)	969	2	393700 245200
9	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Horticultural Location: Location Details Not Specified Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Amenity Affected Incident Date: 27th July 1996 Incident Reference: 2601645 Catchment Area: Severn Catchment : Bow Brook Receiving Water: Watercourse Cause of Incident: Land Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A23SW (N)	996	2	393600 247500
	<p>River Quality</p> <p>Name: Bow Bk GQA Grade: River Quality B Reach: A422 Upton Snodsbury To Pershore Stw Estimated Distance (km): 15.4 Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000</p>	A12NW (W)	842	2	392715 246506
	<p>River Quality</p> <p>Name: Stoulton Bk GQA Grade: River Quality B Reach: Fb At Stoulton To Conf. Bow Bk Estimated Distance (km): 5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	A12NW (W)	936	2	392663 246647

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>River Quality Chemistry Sampling Points</p> <p>Name: Bow Beck Reach: A422 Upton Snodsbury To Pershore Stw Estimated Distance: 15.40 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied</p>	A12SW (W)	861	2	392680 246200
11	<p>Water Abstractions</p> <p>Operator: Mr F W Knight Licence Number: 18/54/17/0222 Permit Version: 100 Location: Land At Pershore - Well (1) Authority: Environment Agency, Midlands Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Pershore Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 11th November 1970 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13SE (S)	127	2	393680 246080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<p>Water Abstractions</p> <p>Operator: Mr F W Knight Licence Number: 18/54/17/0222 Permit Version: 100 Location: Land At Pershore - Well (2) Authority: Environment Agency, Midlands Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Pershore Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 11th November 1970 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	197	2	393560 245960
13	<p>Water Abstractions</p> <p>Operator: Mr T J Dufty Licence Number: 18/54/17/03421 Permit Version: Not Supplied Location: Land At Pershore Authority: Environment Agency, Midlands Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 14 Yearly Rate (m3): 273 Details: Two Wells 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</p>	A8SE (SE)	640	2	393930 245630
14	<p>Water Abstractions</p> <p>Operator: Mr F W Knight Licence Number: 18/54/17/0221 Permit Version: 100 Location: Land At Pershore - 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: Land At Pershore Authorised Start: 01 October Authorised End: 31 May Permit Start Date: 22nd June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	764	2	394530 246240
15	<p>Water Abstractions</p> <p>Operator: M & D Maertens Licence Number: 18/54/19/0139 Permit Version: 102 Location: Walcot Farm, Drake Broughton, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Walcot Farm, Drake Broughton, Worcestershire Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 14th June 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	796	2	393590 247300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<p>Water Abstractions</p> <p>Operator: M & D Maertens Licence Number: 18/54/19/0139 Permit Version: 102 Location: Walcot Farm, Drake Broughton, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Walcot Farm, Drake Broughton, Worcestershire Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 14th June 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	796	2	393590 247300
15	<p>Water Abstractions</p> <p>Operator: M & D Maertens Licence Number: 18/54/19/0139 Permit Version: 101 Location: Walcot Farm, Drake Broughton, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Walcot Farm, Drake Broughton, Worcestershire Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 22nd April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	796	2	393590 247300
15	<p>Water Abstractions</p> <p>Operator: M & D Maertens Licence Number: 18/54/19/0139 Permit Version: 101 Location: Walcot Farm, Drake Broughton, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Walcot Farm, Drake Broughton, Worcestershire Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 22nd April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	796	2	393590 247300
15	<p>Water Abstractions</p> <p>Operator: L & A Proctor Licence Number: 18/54/19/0139 Permit Version: 100 Location: Walcot Farm, Drake Broughton, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Walcot Farm, Drake Broughton, Worcestershire Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 28th July 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	796	2	393590 247300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<p>Water Abstractions</p> <p>Operator: L & A Proctor Licence Number: 18/54/19/0139 Permit Version: 100 Location: Walcot Farm, Drake Broughton, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Walcot Farm, Drake Broughton, Worcestershire Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 28th July 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	796	2	393590 247300
16	<p>Water Abstractions</p> <p>Operator: Sirs Sj & Icke Licence Number: 18/54/19/0050 Permit Version: 102 Location: Drakes Broughton, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Drakes Broughton, Worcestershire Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 31st July 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A23SW (N)	922	2	393370 247400
16	<p>Water Abstractions</p> <p>Operator: D J Bury Licence Number: 18/54/19/0050 Permit Version: 101 Location: Drakes Broughton, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Drakes Broughton, Worcestershire Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 23rd January 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A23SW (N)	922	2	393370 247400
16	<p>Water Abstractions</p> <p>Operator: W & M Bury Licence Number: 18/54/19/0050 Permit Version: 100 Location: Drakes Broughton, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Drakes Broughton, Worcestershire Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 27th November 1984 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A23SW (N)	922	2	393370 247400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p>Water Abstractions</p> <p>Operator: M & A Evans Licence Number: 18/54/17/0685 Permit Version: 103 Location: Three Springs Nursery, Pershore - Drainage Ditch Authority: Environment Agency, Midlands Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Three Springs Nursery, Defford Road, Pershore Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 12th July 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A3NE (S)	985	2	393780 245200
17	<p>Water Abstractions</p> <p>Operator: A J Trainor & P M Farry Licence Number: 18/54/17/0685 Permit Version: 102 Location: Three Springs Nursery, Pershore - Drainage Ditch Authority: Environment Agency, Midlands Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Three Springs Nursery, Defford Road, Pershore Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 7th January 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A3NE (S)	985	2	393780 245200
17	<p>Water Abstractions</p> <p>Operator: Ms E A Hughes Licence Number: 18/54/17/0685 Permit Version: 101 Location: Three Springs Nursery, Pershore - Drainage Ditch Authority: Environment Agency, Midlands Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Three Springs Nursery, Defford Road, Pershore Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 14th May 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A3NE (S)	985	2	393780 245200
	<p>Water Abstractions</p> <p>Operator: P D And D R Barratt Licence Number: 18/54/19/0138 Permit Version: Not Supplied Location: Land Near Pershore Authority: Environment Agency, Midlands Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Brook Daily Rate (m3): 59 Yearly Rate (m3): 4217 Details: Bow Brook; 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</p>	A11SE (W)	1040	2	392520 246010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Pershore Bowling Club Licence Number: 18/54/17/0533 /1 Permit Version: Not Supplied Location: Abbey Park Bowling Greens Authority: Environment Agency, Midlands Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 18 Yearly Rate (m3): 514 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</p>	A10NW (SE)	1083	2	394690 245740
	<p>Water Abstractions</p> <p>Operator: Mr Dg Griffin Licence Number: 18/54/19/0134 Permit Version: 103 Location: Besford Bridge Farm, Besford, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Besford Bridge Farm, Besford, Worcestershire Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th June 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A16SE (W)	1271	2	392330 246690
	<p>Water Abstractions</p> <p>Operator: Mr Dg Griffin Licence Number: 18/54/19/0134 Permit Version: 103 Location: Besford Bridge Farm, Besford, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: Agricultural Vegetable Wash Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Besford Bridge Farm Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th June 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A16SE (W)	1271	2	392330 246690
	<p>Water Abstractions</p> <p>Operator: G & G Mauro Licence Number: 18/54/19/0134 Permit Version: 101 Location: Besford Bridge Farm, Besford, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Besford Bridge Farm, Besford, Worcestershire Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A16SE (W)	1271	2	392330 246690

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: G & G Mauro Licence Number: 18/54/19/0134 Permit Version: 101 Location: Besford Bridge Farm, Besford, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: Agricultural Vegetable Wash Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Besford Bridge Farm Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A16SE (W)	1271	2	392330 246690
	<p>Water Abstractions</p> <p>Operator: Dmc Salads Licence Number: 18/54/19/0134 Permit Version: 102 Location: Besford Bridge Farm, Besford, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Besford Bridge Farm, Besford, Worcestershire Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A16SE (W)	1271	2	392330 246690
	<p>Water Abstractions</p> <p>Operator: Dmc Salads Licence Number: 18/54/19/0134 Permit Version: 102 Location: Besford Bridge Farm, Besford, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: Agricultural Vegetable Wash Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Besford Bridge Farm Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A16SE (W)	1271	2	392330 246690
	<p>Water Abstractions</p> <p>Operator: G & G Mauro Licence Number: 18/54/19/0134 Permit Version: 100 Location: Besford Bridge Farm, Besford, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Besford Bridge Farm, Besford, Worcestershire Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th January 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A16SE (W)	1271	2	392330 246690

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: G & G Mauro Licence Number: 18/54/19/0134 Permit Version: 100 Location: Besford Bridge Farm, Besford, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Besford Bridge Farm, Besford, Worcestershire Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 14th January 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A16SE (W)	1271	2	392330 246690
	<p>Water Abstractions</p> <p>Operator: Mr G A G Perry Licence Number: 18/54/17/0305 Permit Version: 100 Location: Land At Pershore - 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: Land At Pershore Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 2nd August 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A4NE (SE)	1379	2	394500 245100
	<p>Water Abstractions</p> <p>Operator: Pershore Sports Club Licence Number: 18/54/17/0232 Permit Version: 100 Location: Pershore Sports Club, Pershore - Well 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: Pershore Sports Club, Pershore Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 27th June 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A10SW (SE)	1386	2	394860 245440
	<p>Water Abstractions</p> <p>Operator: H & R Hudson Licence Number: 18/54/17/0521 Permit Version: 101 Location: Pensham, Pershore, Worcestershire - River Avon Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Manor Farm, Pensham, Pershore, Worcestershire Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 20th June 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A3SE (S)	1402	2	393900 244800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Ryall House Ltd Licence Number: 18/54/17/0521 Permit Version: 100 Location: Pensham, Pershore, Worcestershire - River Avon Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Manor Farm, Pensham, Pershore, Worcestershire Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 31st August 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A3SE (S)	1402	2	393900 244800
	<p>Water Abstractions</p> <p>Operator: Pershore Town Football Club 88 Licence Number: 18/54/17/0678 Permit Version: 100 Location: Pershore Football Club, Worcestershire - River Avon Authority: Environment Agency, Midlands Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pershore Football Club, King Georges Field, Pershore Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 13th September 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A15SE (E)	1464	2	395220 246120
	<p>Water Abstractions</p> <p>Operator: Mrs M-J Bennett Licence Number: 18/54/19/0155 Permit Version: 3 Location: Pershore, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Tyddesley Wood Rifle Range, Pershore. Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 3rd September 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A1NE (SW)	1466	2	392600 245040
	<p>Water Abstractions</p> <p>Operator: Mrs M J Derbyshire Licence Number: 18/54/19/0155 Permit Version: 2 Location: Pershore, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Tyddesley Wood Rifle Range, Pershore. Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 3rd September 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A1NE (SW)	1466	2	392600 245040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: A J Bennett & Son Licence Number: 18/54/19/0155 Permit Version: 1 Location: Pershore, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Tyddesley Wood Rifle Range, Pershore. Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 20th December 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A1NE (SW)	1466	2	392600 245040
	<p>Water Abstractions</p> <p>Operator: A J Bennett & Son Licence Number: 18/54/17/0647 Permit Version: 100 Location: Pershore, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Tyddesley Wood Rifle Range, Pershore, Worcestershire Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 22nd June 1984 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A1NE (SW)	1466	2	392600 245040
	<p>Water Abstractions</p> <p>Operator: Pershore Town Council Licence Number: 18/54/17/0719/1 Permit Version: 1 Location: King George'S Field, Pershore - River Avon Authority: Environment Agency, Midlands Region Abstraction: Municipal Grounds: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At King George'S Field,Pershore - River Avon Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 7th December 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A15SE (E)	1472	2	395200 246000
	<p>Water Abstractions</p> <p>Operator: Pershore Town Council Licence Number: 18/54/17/0719 Permit Version: 1 Location: King George'S Field, Pershore - River Avon Authority: Environment Agency, Midlands Region Abstraction: Municipal Grounds: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At King George'S Field,Pershore - River Avon Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15SE (E)	1472	2	395200 246000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Pershore Town Council Licence Number: Md/054/0017/019 Permit Version: 1 Location: King George'S Field, Pershore - River Avon Authority: Environment Agency, Midlands Region Abstraction: Municipal Grounds: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At King George'S Field,Pershore - River Avon Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 18th April 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15SE (E)	1480	2	395209 246002
	<p>Water Abstractions</p> <p>Operator: W & M Bury Licence Number: 18/54/17/0607 Permit Version: 100 Location: Pensham, Pershore, Worcestershire - River Avon Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Manor Farm (Part Of), Pensham, Pershore, Worcestershire Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 13th April 1981 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A4SW (S)	1525	2	394000 244700
	<p>Water Abstractions</p> <p>Operator: K & M Barber Licence Number: 18/54/19/0147 Permit Version: 100 Location: Walcot Farm, Drakes Broughton, Worcestershire-Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Walcot Farm, Drakes Broughton, Worcestershire Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 16th January 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24NW (N)	1534	2	394040 247970
	<p>Water Abstractions</p> <p>Operator: H & R Hudson Licence Number: Md/054/0017/001 Permit Version: 2 Location: Intake At Pershore Authority: Environment Agency, Midlands Region Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 9th November 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A10NE (E)	1553	2	395215 245778

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: H & R Hudson Licence Number: Md/054/0017/001 Permit Version: 1 Location: Intake At Pershore Authority: Environment Agency, Midlands Region Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 23rd July 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A10NE (E)	1554	2	395212 245765
	<p>Water Abstractions</p> <p>Operator: Mr G A G Perry Licence Number: 18/54/17/03041 Permit Version: Not Supplied Location: Land At Pershore Authority: Environment Agency, Midlands Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 175 Yearly Rate (m3): 4705 Details: River Avon 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</p>	A4SE (SE)	1607	2	394530 244850
	<p>Water Abstractions</p> <p>Operator: I & W Yates Licence Number: 18/54/19/0071 Permit Version: 101 Location: Lower Farm, Birlingham, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lower Farm, Birlingham, Worcestershire Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 26th April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A1SE (SW)	1731	2	392570 244730
	<p>Water Abstractions</p> <p>Operator: Mr A P Palmer Licence Number: 18/54/19/0071 Permit Version: 100 Location: Lower Farm, Birlingham, Worcestershire - Bow Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lower Farm, Birlingham, Worcestershire Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 18th November 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A1SE (SW)	1731	2	392570 244730

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: H & R Hudson Licence Number: 18/54/17/0278 Permit Version: 100 Location: Wicklands Farm - River Avon Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Wicklands Farm Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st September 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(E)	1828	2	395600 246600
	<p>Water Abstractions</p> <p>Operator: H & R Hudson Licence Number: 18/54/17/0151 Permit Version: 100 Location: Wick - River Avon Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Wick Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 4th June 1973 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(SE)	1870	2	395400 245400
	<p>Water Abstractions</p> <p>Operator: Pershore Group Of Colleges Licence Number: 18/54/17/0207 Permit Version: 101 Location: Pershore Institute Of Horticulture - River Avon Authority: Environment Agency, Midlands Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pershore Institute. Of Horticulture Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 27th September 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A5NE (SE)	1925	2	395200 245000
	<p>Water Abstractions</p> <p>Operator: Pershore Group Of Colleges Licence Number: 18/54/17/0207 Permit Version: 101 Location: Pershore Institute Of Horticulture - River Avon Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pershore Institute Of Horticulture Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 27th September 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A5NE (SE)	1925	2	395200 245000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Pershore & Hindlip College Licence Number: 18/54/17/0207 Permit Version: 100 Location: Pershore Institute Of Horticulture - River Avon Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pershore Institute Of Horticulture Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 10th May 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A5NE (SE)	1925	2	395200 245000
	<p>Water Abstractions</p> <p>Operator: Pershore & Hindlip College Licence Number: 18/54/17/0207 Permit Version: 100 Location: Pershore Institute Of Horticulture - River Avon Authority: Environment Agency, Midlands Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pershore Institute. Of Horticulture Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 10th May 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A5NE (SE)	1925	2	395200 245000
	<p>Water Abstractions</p> <p>Operator: Mr S Dimarco Licence Number: 18/54/17/0648 Permit Version: 100 Location: Pershore, Worcestershire - Piddle Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Wyre Road, Pershore, Worcestershire Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 29th November 1984 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(NE)	1932	2	395550 247180
	<p>Water Abstractions</p> <p>Operator: J & M Keetley Licence Number: 18/54/17/0477 Permit Version: 100 Location: Wyre Piddle, Pershore, Worcestershire - Piddle Brook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hurst Farm, Pershore, Worcestershire Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 5th July 1982 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(NE)	1986	2	395600 247200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Poorly Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SW (SE)	0	4	393637 246330
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Poorly Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SE (SE)	0	4	393727 246284
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (SE)	0	4	393637 246330
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (SE)	0	4	393727 246284
	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				
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A14NW (NE)	426	5	394129 246647
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A14NW (NE)	434	5	394138 246649

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A14NW (NE)	436	5	394137 246652
21	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A14NW (NE)	443	5	394137 246665
22	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A19SW (NE)	446	5	394138 246669
23	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A19SW (NE)	446	5	394138 246669
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 284.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A19SW (NE)	448	5	394136 246675
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 423.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A18SE (NE)	565	5	393974 246933
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A19SW (NE)	576	5	394040 246915
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A18NE (N)	701	5	393743 247187
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A18NE (N)	703	5	393742 247190

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A18NE (N)	792	5	393711 247286
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A18NE (N)	793	5	393710 247288
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 332.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bow Brook Catchment Name: Severn Primacy: 1	A18NW (N)	795	5	393623 247299
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A18NE (N)	796	5	393681 247295
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bow Brook Catchment Name: Severn Primacy: 1	A18NE (N)	801	5	393691 247298
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1550.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bow Brook Catchment Name: Severn Primacy: 1	A12NW (W)	804	5	392752 246411
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1854.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bow Brook Catchment Name: Severn Primacy: 1	A18NE (N)	805	5	393704 247301
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 213.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A7SE (SW)	809	5	393131 245465
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A7SE (S)	827	5	393268 245380

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A7SE (S)	827	5	393268 245380
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 491.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bow Brook Catchment Name: Severn Primacy: 1	A23SW (N)	909	5	393355 247383
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 494.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bow Brook Catchment Name: Severn Primacy: 1	A12NW (W)	912	5	392669 246628
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A23SW (N)	917	5	393400 247401
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A2NE (S)	921	5	393303 245270
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A2NE (S)	922	5	393304 245269
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1238.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A12NW (W)	927	5	392669 246628
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A23SW (N)	973	5	393416 247462
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A23SW (N)	978	5	393419 247468

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A3NW (S)	981	5	393382 245191
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 476.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Severn Primacy: 1	A3NE (S)	982	5	393910 245244

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Wychavon District Council - Has supplied landfill data		0	3	393637 246330
	Local Authority Landfill Coverage Name: Worcestershire County Council - Has supplied landfill data		0	6	393637 246330
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NE (NE)	0	-	393691 246357
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (E)	46	-	393799 246305
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (E)	132	-	393886 246295
52	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NE (NE)	135	-	393816 246533
53	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (E)	139	-	393885 246269
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NE (E)	196	-	393975 246358
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18SE (N)	369	-	393711 246852
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A14SW (E)	497	-	394267 246285
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1905	A14NE (E)	646	-	394427 246449

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lias Group	A13SW (SE)	0	1	393637 246330
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SE (SE)	0	1	393727 246284
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (SE)	0	1	393637 246330
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (E)	230	1	394000 246321
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NE (NE)	241	1	393811 246652
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (SE)	293	1	394000 246127
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12NE (NW)	363	1	393233 246598

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A9NW (SE)	602	1	394163 245824
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	611	1	393875 247045
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	717	1	393724 247208
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	732	1	392756 246424
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	768	1	392771 246269
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SE (NW)	769	1	393000 247000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	790	1	393646 247292
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12NW (W)	809	1	392747 246411
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	834	1	393796 247312
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A23SW (N)	844	1	393654 247346
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A23SW (N)	869	1	393656 247370
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NW (NE)	898	1	394250 247166

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A23SE (N)	951	1	393804 247430
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A11NE (W)	978	1	392575 246415
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	393637 246330
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	393637 246330
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	393637 246330
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	393637 246330
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	205	1	393332 246223
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	393637 246330
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	393727 246284
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	241	1	393811 246652
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	393603 246336
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	393637 246330
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	111	1	393439 246158

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	239	1	393704 245967
	Radon Potential - Radon Affected Areas Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	393625 246330
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	393637 246330
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	393625 246330
	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	A13SW (SE)	0	1	393637 246330

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	<p>Contemporary Trade Directory Entries</p> <p>Name: L A Lloyd Location: 26, Holloway Drive, Pershore, Worcestershire, WR10 1JL Classification: Refrigerators & Freezers - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	364	-	394102 246209
59	<p>Contemporary Trade Directory Entries</p> <p>Name: Pete'S Motors Location: 1, Hill Close, Pershore, Worcestershire, WR10 1JJ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	401	-	394108 246102
60	<p>Contemporary Trade Directory Entries</p> <p>Name: Trust-U-Truss Location: 32, Ongriils Close, Pershore, WR10 1QE Classification: Agricultural Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NW (E)	486	-	394269 246411
61	<p>Contemporary Trade Directory Entries</p> <p>Name: Clarkes Cleaning Co Location: 11, Rail Ground, Pershore, Worcestershire, WR10 1HL Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	570	-	394274 246064
62	<p>Contemporary Trade Directory Entries</p> <p>Name: Lapwing Location: 15, New Road, Pershore, Worcestershire, WR10 1BY Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	630	-	394288 245948
62	<p>Contemporary Trade Directory Entries</p> <p>Name: John Knight Location: 15, New Road, Pershore, Worcestershire, WR10 1BY Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	630	-	394288 245948
63	<p>Contemporary Trade Directory Entries</p> <p>Name: K C R Garage Ltd Location: Three Springs Road, Pershore, WR10 1HH Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	630	-	394336 246059
63	<p>Contemporary Trade Directory Entries</p> <p>Name: B P Service Station Location: Three Springs Road, Pershore, Worcestershire, WR10 1HH Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A14SE (E)	633	-	394347 246083
63	<p>Contemporary Trade Directory Entries</p> <p>Name: Amerie Garage Location: Three Springs Road, Pershore, Worcestershire, WR10 1HH Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	638	-	394347 246069
63	<p>Contemporary Trade Directory Entries</p> <p>Name: B P Service Station Location: Three Springs Filling Station, Three Springs Road, Pershore, Worcestershire, WR10 1HH Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A14SE (E)	641	-	394351 246069
64	<p>Contemporary Trade Directory Entries</p> <p>Name: Texaco Location: Three Spring Garage, 33, Three Springs Road, Pershore, Worcestershire, WR10 1HR Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	671	-	394218 245782

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	<p>Contemporary Trade Directory Entries</p> <p>Name: Select Cars Location: Three Spring Garage, 33, Three Springs Road, Pershore, Worcestershire, WR10 1HR Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	672	-	394206 245769
64	<p>Contemporary Trade Directory Entries</p> <p>Name: Chris James Cleaning Location: 2, Garden Stiles, Pershore, Worcestershire, WR10 1JW Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	696	-	394218 245746
65	<p>Contemporary Trade Directory Entries</p> <p>Name: Schloetter Co Ltd Location: Abbey Works, New Road, Pershore, Worcestershire, WR10 1BY Classification: Chemical Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	689	-	394321 245887
65	<p>Contemporary Trade Directory Entries</p> <p>Name: Schloetter Location: Abbey Works, New Road, Pershore, WR10 1BY Classification: Metal Finishing Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	708	-	394333 245870
65	<p>Contemporary Trade Directory Entries</p> <p>Name: Schloetter Company Ltd Location: Abbey Works, New Road, Pershore, WR10 1BY Classification: Chemical Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	708	-	394333 245870
66	<p>Contemporary Trade Directory Entries</p> <p>Name: Tuthill Controls Ltd Location: New Road, Pershore, Worcestershire, WR10 1BY Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	710	-	394368 245930
66	<p>Contemporary Trade Directory Entries</p> <p>Name: F U S Industrial Equipment Sales Location: 25, New Road, Pershore, Worcestershire, WR10 1BY Classification: Machinery - Industrial & Commercial Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	748	-	394408 245926
66	<p>Contemporary Trade Directory Entries</p> <p>Name: Caring Supplies Location: New Road, Pershore, Worcestershire, WR10 1BY Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	748	-	394408 245926
66	<p>Contemporary Trade Directory Entries</p> <p>Name: Mki Controls Location: New Rd, Pershore, Worcestershire, WR10 1BY Classification: Metal Finishing Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A9NE (SE)	770	-	394414 245888
67	<p>Contemporary Trade Directory Entries</p> <p>Name: Esso Location: Three Springs Road, Pershore, Worcestershire, WR10 1HR Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned within the geographical locality</p>	A9SW (SE)	743	-	394091 245594
68	<p>Contemporary Trade Directory Entries</p> <p>Name: Newlands Cleaning Ltd Location: Newlands, Pershore, Worcestershire, WR10 1BP Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A9NE (SE)	752	-	394440 245988

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	<p>Contemporary Trade Directory Entries</p> <p>Name: R P Lampshades Location: 22, Abbeycroft, Pershore, WR10 1JQ Classification: Lampshade Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	772	-	394347 245779
70	<p>Contemporary Trade Directory Entries</p> <p>Name: Pershore Cemetery Location: Defford Road, Pershore, Worcestershire, WR10 3BX Classification: Cemeteries & Crematoria Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	798	-	393815 245405
71	<p>Contemporary Trade Directory Entries</p> <p>Name: Broomsticks Cleaning Location: 47a, Newlands, PERSHORE, Worcestershire, WR10 1BP Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	812	-	394486 245940
72	<p>Contemporary Trade Directory Entries</p> <p>Name: Normech Services Ltd Location: 2-4, Worcester Road, Pershore, Worcestershire, WR10 1HG Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	829	-	394584 246183
72	<p>Contemporary Trade Directory Entries</p> <p>Name: 16m Llp Location: Bagshaw Ct,Worcester Rd, Pershore, Worcestershire, WR10 1HB Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	849	-	394601 246172
72	<p>Contemporary Trade Directory Entries</p> <p>Name: T C S Ltd Location: 159, High Street, Pershore, Worcestershire, WR10 1EQ Classification: Cutting Tools & Machinery Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	855	-	394617 246209
73	<p>Contemporary Trade Directory Entries</p> <p>Name: Aaid Cleaning Location: 31, Orchard Road, Pershore, Worcestershire, WR10 1LD Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	835	-	394304 245636
74	<p>Contemporary Trade Directory Entries</p> <p>Name: Penn Servicing Location: 33, Farleigh Road, Pershore, Worcestershire, WR10 1LF Classification: Fishing & Angling Equipment - Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	861	-	394254 245561
75	<p>Contemporary Trade Directory Entries</p> <p>Name: Pershore Conservatory Cleaning Service Location: 67, Farleigh Road, Pershore, Worcestershire, WR10 1JZ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	865	-	394079 245451
76	<p>Contemporary Trade Directory Entries</p> <p>Name: Acrock Plus Location: New Rd, Pershore, Worcestershire, WR10 1BY Classification: Catering Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A9NE (SE)	865	-	394512 245870
76	<p>Contemporary Trade Directory Entries</p> <p>Name: Alan Pattison Location: New Road, Pershore, Worcestershire, WR10 1BY Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	912	-	394549 245842
77	<p>Contemporary Trade Directory Entries</p> <p>Name: Hendrys Home Help Location: 16, Orchard Road, Pershore, Worcestershire, WR10 1LD Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	870	-	394375 245658

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	Contemporary Trade Directory Entries Name: Pershore Cemetery Location: Cemetery Lodge, Defford Road, Pershore, Worcestershire, WR10 3BX Classification: Cemeteries & Crematoria Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	880	-	393824 245322
79	Contemporary Trade Directory Entries Name: Sams Mobile Tyre Services Location: 1, ORCHARD ROAD, PERSHORE, WR10 1LD Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SE (SE)	960	-	394426 245582
79	Contemporary Trade Directory Entries Name: Colin Gardner Services Location: 1, ORCHARD ROAD, PERSHORE, WR10 1LD Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A9SE (SE)	960	-	394426 245582
80	Contemporary Trade Directory Entries Name: Elite Dry Cleaners Location: 134, High Street, Pershore, Worcestershire, WR10 1EA Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (E)	982	-	394723 246115
80	Contemporary Trade Directory Entries Name: Hendrick Industrial Equipment Ltd Location: 134, High Street, Pershore, Worcestershire, WR10 1EA Classification: Furnaces Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (E)	985	-	394725 246111
81	Fuel Station Entries Name: Three Springs Filling Station Location: Three Springs Road , , Pershore, Worcestershire, WR10 1HH Brand: BP Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A14SE (E)	633	-	394347 246083
82	Fuel Station Entries Name: Three Springs Garage Location: 33, Three Springs Road , , Pershore, Worcestershire, WR10 1HR Brand: Texaco Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	674	-	394219 245779
83	Points of Interest - Commercial Services Name: Pete's Motors Location: 1 Hill Close, Pershore, WR10 1JJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SW (SE)	401	7	394108 246102
83	Points of Interest - Commercial Services Name: Pete's Motors Location: 7 Hill Close, Pershore, WR10 1JJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SW (SE)	447	7	394150 246082
84	Points of Interest - Commercial Services Name: Simon Oakey Transport Location: 24 Hunter Rise, Pershore, WR10 1QZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9NW (SE)	506	7	394122 245923
85	Points of Interest - Commercial Services Name: K C R Garage Location: Three Springs Road, Pershore, WR10 1HH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	630	7	394340 246073

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	Points of Interest - Commercial Services Name: Three Springs Filling Station Location: Three, Springs Road, Pershore, WR10 1HH Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SE (E)	633	7	394347 246083
85	Points of Interest - Commercial Services Name: B P Car Wash Location: Three Springs Road, Pershore, WR10 1HH Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SE (E)	633	7	394347 246083
85	Points of Interest - Commercial Services Name: K C R Garage Ltd Location: Three Springs Road, Pershore, WR10 1HH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	640	7	394349 246066
85	Points of Interest - Commercial Services Name: Car Wash Location: Three Springs Road, Pershore, WR10 1HH Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SE (E)	641	7	394351 246069
86	Points of Interest - Commercial Services Name: Cox's Cars Ltd Location: Three Spring Garage 33, Three Springs Road, Pershore, WR10 1HR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	672	7	394206 245769
86	Points of Interest - Commercial Services Name: Cox's Cars Ltd Location: Three Spring Garage 33, Three Springs Road, Pershore, WR10 1HR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	672	7	394206 245769
86	Points of Interest - Commercial Services Name: Three Springs Garage Location: Three Springs Filling Station, Three Springs Road, Pershore, WR10 1HH Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A9NW (SE)	674	7	394219 245779
86	Points of Interest - Commercial Services Name: Car Wash Location: 33 Three Springs Road, Pershore, WR10 1HR Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A9NW (SE)	674	7	394219 245779
87	Points of Interest - Commercial Services Name: Alan Pattison Location: New Road, Pershore, WR10 1BY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	912	7	394549 245842
87	Points of Interest - Commercial Services Name: Alan Pattison Location: New Road, Pershore, WR10 1BY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	912	7	394549 245842
88	Points of Interest - Manufacturing and Production Name: P J A Bomford Location: Allesborough Farm, Allesborough Hill, Pershore, WR10 2AB Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A13NE (E)	113	7	393884 246344
89	Points of Interest - Manufacturing and Production Name: Factory Location: WR10 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A9NW (SE)	684	7	394325 245904

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	693	7	394316 245872
90	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	744	7	394406 245929
90	Points of Interest - Manufacturing and Production Name: Works Location: WR10 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	746	7	394408 245928
90	Points of Interest - Manufacturing and Production Name: Works Location: WR10 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	760	7	394433 245950
91	Points of Interest - Manufacturing and Production Name: R Elmes Location: Defford Road, Pershore, WR10 3BX Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8SW (S)	797	7	393656 245367
91	Points of Interest - Manufacturing and Production Name: P J & R Elmes Location: Cemetery Farm, Defford Road, Pershore, WR10 3BX Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8SW (S)	797	7	393658 245368
91	Points of Interest - Manufacturing and Production Name: R Elmes Location: Cemetery Farm, Defford Road, Pershore, WR10 3BX Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8SW (S)	797	7	393658 245368
92	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	905	7	394556 245869
93	Points of Interest - Public Infrastructure Name: BP Service Station Location: Three Springs Road, Pershore, WR10 1HH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	633	7	394347 246083
93	Points of Interest - Public Infrastructure Name: Three Springs Filling Station Location: Three Springs Road, Pershore, WR10 1HH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	633	7	394347 246083
93	Points of Interest - Public Infrastructure Name: Three Springs Service Station Location: Three Springs Road, Pershore, WR10 1HH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	638	7	394347 246068
93	Points of Interest - Public Infrastructure Name: BP Service Station Location: Three Springs Road, Pershore, WR10 1HH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	641	7	394351 246069

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	<p>Points of Interest - Public Infrastructure</p> <p>Name: Three Springs Filling Station Location: Three Spring Garage, 33, Three Springs Road, Pershore, Worcestershire, WR10 1HR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location</p>	A9NW (SE)	672	7	394206 245769
94	<p>Points of Interest - Public Infrastructure</p> <p>Name: Coxs Cars Ltd Location: Three Spring Garage 33, Three Springs Road, Pershore, WR10 1HR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location</p>	A9NW (SE)	672	7	394206 245769
94	<p>Points of Interest - Public Infrastructure</p> <p>Name: Esso Location: Three Springs Filling Station, Three Springs Road, Pershore, WR10 1HH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location</p>	A9NW (SE)	674	7	394219 245779
94	<p>Points of Interest - Public Infrastructure</p> <p>Name: Coxs Cars Ltd Location: 33 Three Springs Road, Pershore, WR10 1HR Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location</p>	A9NW (SE)	674	7	394219 245779
95	<p>Points of Interest - Public Infrastructure</p> <p>Name: Pershore Cemetery Location: Defford Road, Pershore, WR10 3BX Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location</p>	A8SW (S)	797	7	393656 245367
95	<p>Points of Interest - Public Infrastructure</p> <p>Name: Pershore Cemetery Location: Defford Road, Pershore, WR10 3BX Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location</p>	A8SW (S)	797	7	393656 245367
95	<p>Points of Interest - Public Infrastructure</p> <p>Name: Cemetery Location: WR10 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location</p>	A8SE (S)	804	7	393680 245364
96	<p>Points of Interest - Public Infrastructure</p> <p>Name: Pershore Cemetery Location: Defford Road, Pershore, WR10 3BX Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location</p>	A8SE (S)	799	7	393815 245404
96	<p>Points of Interest - Public Infrastructure</p> <p>Name: Cemetery Location: WR10 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location</p>	A8SE (S)	807	7	393819 245396
96	<p>Points of Interest - Public Infrastructure</p> <p>Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location</p>	A8SE (S)	808	7	393816 245394
97	<p>Points of Interest - Public Infrastructure</p> <p>Name: Weir Location: WR10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location</p>	A12SW (W)	845	7	392694 246246
97	<p>Points of Interest - Public Infrastructure</p> <p>Name: Weir Location: WR10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location</p>	A12SW (W)	845	7	392694 246246

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	Points of Interest - Public Infrastructure Name: Pershore Cemetery Location: WR10 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A3NE (S)	895	7	393735 245282
99	Points of Interest - Public Infrastructure Name: Pershore Police Station Location: Queen Elizabeth Drive, Pershore, WR10 1PT Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A14SE (E)	898	7	394662 246216
100	Points of Interest - Recreational and Environmental Name: Play Area Location: WR10 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	713	7	393880 245526

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	Ancient Woodland Name: Tyddesley Wood Reference: 1107120 Area(m ²): 579077.77 Type: Ancient and Semi-Natural Woodland	A8NW (SW)	419	8	393361 245783
102	Ancient Woodland Name: Tyddesley Wood Reference: 1107120 Area(m ²): 211502.14 Type: Plantation on Ancient Woodland	A7SE (SW)	846	8	393133 245421
103	Nitrate Vulnerable Zones Name: River Avon (To Confluence With River Severn) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SW (SE)	0	4	393637 246330
104	Sites of Special Scientific Interest Name: Tiddesley Wood Multiple Areas: N Total Area (m ²): 808595.72 Source: Natural England Reference: 1003066 Designation Details: Site Of Special Scientific Interest Designation Date: 11th July 1986 Date Type: Notified	A8NW (SW)	420	8	393363 245781

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Malvern Hills District Council - Environmental Health Department Wychavon District Council - Environmental Health Department	November 2023 October 2017 September 2017	Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Midlands Region	April 2024	Quarterly
Enforcement and Prohibition Notices Environment Agency - Midlands Region	March 2013	
Integrated Pollution Controls Environment Agency - Midlands Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Midlands Region	October 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control Malvern Hills District Council - Environmental Health Department Wychavon District Council - Environmental Health Department	December 2020 December 2020	Variable Variable
Local Authority Pollution Prevention and Controls Malvern Hills District Council - Environmental Health Department Wychavon District Council - Environmental Health Department	December 2020 December 2020	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Malvern Hills District Council - Environmental Health Department Wychavon District Council - Environmental Health Department	January 2015 January 2015	Variable Variable
Nearest Surface Water Feature Ordnance Survey	March 2024	
Pollution Incidents to Controlled Waters Environment Agency - Midlands Region	December 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Midlands Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Midlands Region	March 2013	
Registered Radioactive Substances Environment Agency - Midlands Region Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area	April 2024 April 2024 April 2024	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Midlands Region	April 2024	Quarterly
Water Industry Act Referrals Environment Agency - Midlands Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	April 2024	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified













Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	July 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Midlands Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area	January 2024 January 2024 January 2024	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area	January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Malvern Hills District Council - Environmental Worcestershire County Council Wychavon District Council - Environmental Health Department	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Malvern Hills District Council - Environmental Worcestershire County Council Wychavon District Council - Environmental Health Department	October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area	June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Malvern Hills District Council - Environmental Worcestershire County Council Wychavon District Council	April 2015 February 2016 March 2023	Variable Variable Variable
Planning Hazardous Substance Consents Malvern Hills District Council - Environmental Worcestershire County Council Wychavon District Council	April 2015 February 2016 February 2016	Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	January 2024	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	October 2023	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	October 2023	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2024	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2024	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	March 2024	Quarterly
Points of Interest - Education and Health PointX	March 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2024	Quarterly
Points of Interest - Public Infrastructure PointX	March 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2024	Bi-Annually
Areas of Adopted Green Belt Malvern Hills District Council Wychavon District Council	February 2024 February 2024	Quarterly Quarterly
Areas of Unadopted Green Belt Malvern Hills District Council Wychavon District Council	February 2024 February 2024	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	November 2023	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	February 2024	Bi-Annually
Marine Nature Reserves Natural England	February 2024	Bi-Annually
National Nature Reserves Natural England	February 2024	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 April 2024	Bi-Annually
Ramsar Sites Natural England	February 2024	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2024	Bi-Annually
Special Areas of Conservation Natural England	April 2024	Bi-Annually
Special Protection Areas Natural England	April 2024	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Wychavon District Council - Environmental Health Department Civic Centre, Queen Elizabeth Drive, Station Road, Pershore, Worcestershire, WR10 1PT	Telephone: 01386 565000 Fax: 01386 561092 Website: www.wychavon.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Worcestershire County Council County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 01905 763763 Fax: 01905 763000 Website: www.worcestershire.gov.uk
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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