Bloor Homes

Holmer West, Hereford

Desk Study Report

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1.0 Introduction

1.1 GENERAL

Bloor Homes are proposing to develop a site at Holmer West, Hereford for residential end-use.

Intégral Géotechnique (Wales) Limited have been appointed as the Geotechnical Engineers to undertake a desk study review of available information for the site, in order to provide a geotechnical and geoenvironmental appraisal of the site and provide preliminary recommendations for development and a Phase 1 geotechnical and geoenvironmental site investigation.

This report presents the findings of the desk study, and provides guidance on the scope of Phase 1 geoenvironmental and geotechnical investigations.

The objectives of the geoenvironmental and geotechnical appraisal of the site are to:

- Assess the degree, nature and extent of possible contamination and its implications for ownership, site reclamation and redevelopment;
- Identify any other geotechnical constraints on redevelopment; and
- Provide recommendations for physical site investigation works.

This desk study has been undertaken in accordance with 'Environment Agency Guidance on Requirements for Land Contamination Reports' dated July 2005.

The opinions and preliminary assessments presented are based on desk based research and must be reviewed after intrusive investigations.

1.2 PROPOSED DEVELOPMENT

The details of the proposed development were unknown at the time of writing, but it is envisaged that the site will be developed for conventional low rise houses with associated gardens and areas of soft landscaping, access roads and car parking.

1.3 SCOPE OF WORKS

The work instructed included a desk study of available information and site reconnaissance.

1.3 SCOPE OF WORKS (CONTINUED)

The desk study comprised a review of:

- An Envirocheck Report obtained for the site
- Old Ordnance Survey maps covering the site, included within the Envirocheck Report
- Geological maps of the area provided by the British Geological Survey and the BGS online database
- Environment Agency groundwater vulnerability data for the area and the online database
- A BGS Radon Report obtained for the site

1.4 LIMITATIONS

This document is intended to be a working document for further development in discussion with all concerned including the Local Planning Authority and the Environment Agency, as appropriate.

"Contamination" is taken throughout the report to mean the "presence of one or more potentially harmful substances as a result of human activity". The use of the term in this way does not imply that harm is being or might be caused by the contamination. It should be noted that "contamination" can have different meanings under different regulatory regimes, for example, planning, building control and Part IIA of the Environmental Protection Act 1990. Naturally elevated concentrations of potentially harmful substances may also be of concern and the significance of any that have been found is also evaluated in this report.

This report has been prepared for the use Bloor Homes and should not be passed to others without the express consent of Intégral Géotechnique (Wales) Limited

2.0 THE SITE

2.1 SITE LOCATION AND DESCRIPTION

The site is located to the west of Holmer, approximately 2.4km north of Hereford Town Centre, at a National Grid Reference of 350190 242430, see Figure 1.

The site is irregular in shape and occupies an area of approximately 34Ha.

The site area currently comprises six undeveloped open fields and portion of a further three making up the northern area of the site. All are currently undeveloped and used for agricultural purposes, including the growing of crops.

The western site boundary is defined by a wire fence and mature hedgerow lining a field boundary. The southernmost portion of this boundary is defined by the property boundary and rear garden of an adjacent residential property. The western portion of the southern site boundary is defined by the A4103 (Roman Road), oriented east-west. The remainder of the southern and south eastern boundary is defined by Ayles Brook which flows along the boundary, beyond which are the gardens of residential terraces. The eastern boundary is partially defined by the A49 Road and partially defined by existing field boundaries, and property boundaries of Holmer House Farm. The northern site boundary runs through the centre of existing fields and is not clearly defined. A site plan is provided, see Figure 2.

The site is situated on ground which generally slopes to the southwest and southeast, away from a topographic elevation in the central, northern site area. The ground falls in elevation from generally 83m AOD in the northern site area to around 65m AOD in the south western site area and generally 70m in the south eastern site area, some localised changes in level are noted.

Ayles Brook flows towards the south west along the sites south eastern boundary and a further minor watercourse flows in a similar orientation along a portion of the sites north eastern boundary and cuts across the site in a northeast-southwest orientation. A small pond is located in the south eastern site area, close to the site boundary, and is related to the Ayles Brook.

A track is situated in the central eastern site area, leading from Holmer House Farm, immediately south east of the site providing vehicular access from the A49. Gated access to the fields is also provided from this track.

2.2 SITE OPERATIONS

The site is a working agricultural farm; currently comprising open undeveloped fields separated by wire fences and mature hedgerows along existing field boundaries.

The vast majority of the site is planted for a range of crops including potatoes, oil seed rape, peas.

Two of the fields are currently used for sheep grazing.

2.3 SURROUNDING LAND USE

The surrounding area is primarily residential end use to the south and east with agricultural land to the north and west.

2.4 AVAILABLE SITE INVESTIGATION DATA

No previous site investigation data has been made available to Intégral Géotechnique (Wales) Limited.

3.0 SITE HISTORY

The recent history of the site has been traced with the aid of an Envirocheck Report, a copy of which is included in Appendix A. The Envirocheck Report includes the following scaled historical maps:

Map Scale	Dates
1:2,500	1887-1888, 1904, 1929, 1937 , 1967, 19 71
1:1,250	1977-1985, 1984-1989, 1993, 1994-1995
1:10,560	1886-1887, 1905, 1930, 1938, 1953
1:10,000	1964, 1973, 1986-1987, 2006, 2012

The earliest editions of the maps, dated 1886-1887, show that the site area comprised of a number of fields. Two of these fields were shown to be developed as potential orchards, one in the central site area and one comprising the easternmost field of the site. Non-coniferous trees were recorded on site, and shown lining occasional field boundaries and sporadically situated across the westernmost field of the site. Three footpaths were indicated on the site area, two cross the central site area (one orientated northwestsoutheast and the other west-east), and a third path entered the site at the north eastern corner. Two water courses were shown on site at this time, a southerly flowing stream orientated north-south along a field boundary in the western site area and a second watercourse situated in the north eastern site area flowing in a south westerly direction. A pond associated with this stream was situated on the site boundary. A second small pond feature was recoded, near the south eastern site boundary. Ayles Brook, generally orientated northeast-southwest, defined the southern site boundary at this time flowing towards the west with an associated pond partially located on the south eastern area of the site. A former Roman Road defines a portion of the southern site boundary and a road orientated north-south defines the easternmost boundary. Immediately south east of the site was Holmer House and St. Bartholomew's Church.

Little change is shown on maps dated circa 1904. The footpath formerly crossing the centre of the site, in a west-east orientation was no longer shown at this time.

By 1929 there is an area of 'stone' indicated in the north east of the site. The ponds at the south eastern site boundary and immediately south east of the site were now labelled as a sluice's.

The stream located in the western site area was no longer shown by 1967.

3.0 SITE HISTORY (CONTINUED)

The maps dated circa 1971 show that a track was now situated in the central site area, leading from Holmer House immediately to the south east of the site. By this time the central field previously indicated as an orchard was shown devoid of trees. There had been significant residential development immediately south and south west of the site, along Roman Road. Industrial development had occurred approximately 500m south east of the site by 1973, including the construction of a number of gas holders.

No further significant changes are indicated onsite, or in the immediate area, on recent maps up to 2012.

4.0 SITE ENVIRONMENTAL SETTING

4.1 PHYSICAL SETTING

The site is situated on undulating ground sloping away from a topographic elevation in the central northern site area, and falling to the southwest and southeast.

Ayles Brook flows towards the southwest, along and defining the sites southern boundary. A small pond related to this watercourse is located just outside the sites south eastern boundary.

The site comprises a number of open agricultural fields, currently planted for a range of crops, separated by existing field boundaries lined by wire fences and hedgerows.

4.2 GEOLOGY

The 1:50,000 scale BGS geological map of the area (Sheet 198) indicates the site to be underlain by solid strata of the Raglan Mudstone Formation of the Pridoli Series of Silurian age. These strata typically comprise red-brown mudstones with subordinate beds of brown or greenish grey, calcareous sandstone and with immature calcretes. The mudstones weather to clays near the surface.

The underlying solid strata of the Raglan Mudstone Formation are indicated to dipgently/sub horizontally toward the west.

Localised areas of alluvium are indicated to overlie the bedrock within the sites eastern and western site areas and are associated with the historic and current watercourses, including Ayles Brook. Given the historical nature of the site a thin layer of topsoil is anticipated across site.

Although the site has remained generally undeveloped there is some potential for localised disturbed ground to be encountered, particularly within the areas of the suspected former orchards, associated with the removal of trees and crops.

A summary of the anticipated geological succession is given below in Table 1.

4.2 GEOLOGY (CONTINUED)

Table 1 : Summary of Anticipated Site Geology					
Geological unit	Horizon	Description			
Recent	Potential Disturbed Ground	If encountered, likely to comprise locally re-worked natural soils.			
Recent	Topsoil	Organic rich, predominantly fine grained soils.			
Quaternary	Alluvium	Superficial deposits of normally soft to firm poorly consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel.			
Pridoli Series of the Silurian	Raglan Mudstone Formation	Red-brown mudstone with subordinate beds of brown or greenish grey, calcareous sandstone and immature calcretes. Weathered to clays near the surface.			

4.3 RADON

The BGS Radon Report, included in Appendix B indicates that the site is in a radon affected area where between 1 and 3% of homes are above the Action Level. It also states that no radon protective measures are required for the site.

4.4 MINING

The Envirocheck Report indicates that the site does not lie within a defined coalfield area, and therefore the site is not at risk from any shallow coal mining hazards.

4.5 HYDROLOGY, HYDROGEOLOGY AND FLOOD RISK

The Environment Agency groundwater vulnerability map and aquifer database classifies the bedrock beneath the site as a Secondary 'A' Aquifer. Secondary 'A' Aquifers are permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers.

The narrow areas of alluvium are also classified as Secondary 'A' Aquifers.

No perched water body is anticipated in the shallow topsoil deposits.

4.5 HYDROLOGY, HYDROGEOLOGY AND FLOOD RISK (CONTINUED)

Vertical migration of groundwater is likely to be limited by the high clay content of the underlying cohesive strata.

Groundwater is however likely to be encountered within the localised deposits of alluvium found in close proximity to any existing or historical streams.

It should be noted that the vast majority of the site is unlikely to have any formal drainage system other than field drainage.

Two watercourses are situated within the site boundary. Ayles Brook and a related small pond feature are partially situated in the south eastern site area and define the sites southern and south eastern boundaries. A stream also flows across the sites north eastern area. Both watercourses generally flow toward the south west.

Four discharge consents are listed in the Envirocheck Report within 500m of the site. The nearest is recorded is some 90m east of the site is a discharge consent for a domestic property where the discharge is into a freshwater stream. Situated some 200m south west of the site is a discharge consent for livestock production and has now expired. Further discharge consents for domestic properties are situated some 250m to the east of the site, all are into freshwater stream.

No registered water abstractions are listed on site or within 500m of the site.

One pollution incident to controlled water is listed as occurring in 1996, in the southern site area where the pollutant was listed as 'oil-diesel (agricultural)' and the incident severity as a 'Category 3 - Minor Incident'.

Immediately south of the site, at the Racetrack, a minor incident was listed in 1998 where the pollutant was 'road run-off'.

A third pollution incident, dated 1996, is listed immediately southeast of the site. The incident severity was listed as a 'Category 3 - Minor Incident' and the pollutant was 'sewage-septic tank effluent' due to spillage.

A 'Category 2 - Significant Incident' is listed as occurring in 1992, approximately 50m east of the site. The pollutant was listed as Chlorinated Water from a private sewerage network.

Tables 2 and 3 present a summary of the key hydrological features and the hydrogeological nature of the site.

4.5 HYDROLOGY, HYDROGEOLOGY AND FLOOD RISK (CONTINUED)

Table 2: Summary of Site Hydrology Feature Distance from site Flow Classification Abstraction Discharge Southern site South West N/A Ayles Brook boundary, partially No Not known onsite Un-named Stream North eastern site South West N/A No Ayles Brook (tributary of area Ayles Brook) Flows into site Surface run-On site N/A No Not known off surface Site On site Not known N/A No Not known Drainage

Table 3: Summary of Site Hydrogeology						
Geological Unit	Aquifer Classification	Aquifer Characteristics	Source Protection Zone	Groundwater Abstractions		
Alluvium (localised)	Secondary 'A' Aguifer	Variable permeability river derived superficial deposits of clays, silts, sand and gravels.	No	None		
Raglan Mudstone Formation	Secondary 'A' Aguifer	These are layers of rock that have high intergranular and/or fracture permeability, and may support water supply and/or river base flow on a strategic scale.	No	None		

Data from Sheet 29 Worcestershire Groundwater Vulnerability Map states that the soils have been classified as having intermediate leaching potential. These are soils which have the potential to transmit a wide range of pollutants.

The Envirocheck Report indicates that a narrow area in the north eastern site area is at extreme flooding risk from rivers without sea defence; this is related to stream on site and Ayles Brook which flows along the south and south eastern site boundary.

The vast majority of the site is identified as not at risk of flooding from rivers or sea without defence.

4.6 LANDFILL SITES

The Envirocheck Report indicates that there are no Local Authority, BGS or Environment Agency registered current or historical landfill sites on site or within a 500m radius.

4.7 POTENTIAL CONTAMINATION

The various activities in the vicinity of the site which may have resulted in ground or water resource contamination on this site are listed below in Tables 4 and 5. Reference to Department of the Environment Industry Profiles has been made and a summary of the potential contaminants can be found in the tables.

Previous and Existing Uses

Table 4: Potential Contaminants							
Land Use: Agricultural land use from 1886 to Present							
Material/Process Contamination/Hazard Evidence							
Agricultural land use - arable crops and orchards	Potential pesticide and herbicide usage.	Historical Maps					

Adjacent Site Uses

Adjacent site areas are predominantly residential in usage; therefore no significant contamination is anticipated. It should be noted that there is an industrial area some 500m south east of the site including a number of gas holders.

4.8 OTHER ENVIRONMENTAL ISSUES

Listed some 400m south east of the site are two Planning Hazardous Substance Consents for 'Special Metals Wigan Ltd'. The substances are listed as a 'combination of dangerous substances.

5.0 PRELIMINARY CONCEPTUAL SITE MODEL

5.1 RISK ASSESSMENT FRAMEWORK

In order to be consistent with current UK government policies and legislation, it is necessary to identify, make decisions on, and take appropriate action to deal with land contamination, in accordance with the procedures specified in the Environment Agency document 'Model Procedures for the Management of Land Contamination CLR-11' (Environment Agency 2004).

The risk assessment process is designed to provide a reasoned, structured and pragmatic mechanism for the identification of any potential human health and controlled waters risks associated with land contamination and where necessary to develop a robust remediation strategy to ensure protection of the sensitive receptors (human health of future residents, controlled waters, etc).

In accordance with the CLR-11 framework, risk is defined as:

'A combination of the probability or frequency, of occurrence of a defined hazard and the magnitude of the consequence of the occurrence'.

The three essential elements to any risk are defined by CLR-11 as follows:

- A contaminant, or hazard, which is in, on, or under the land and has the potential to cause harm (Source)
- A means by which a receptor can be exposed to, or affected by a contaminant or hazard (Pathway)
- A receptor, i.e. something which could be adversely affected by a contaminant or hazard, such as human health or groundwater (Receptor).

In order for there to be a potential risk, all three of the above elements must be present. If there is a source of contamination and a receptor (for example a resident or site user), then there is only a potential risk if there is a pathway linking the two. Such an active pathway is known as a relevant pollutant linkage. It is possible for the same contaminant to be linked to a receptor via a number of pathways, and hence it is important that all relevant pollutant linkages, to both human heath and controlled waters, are separately identified on a site in order that a comprehensive conceptual model can be formed and ultimately a robust remediation strategy designed.

5.2 CLEA FRAMEWORK

The DEFRA/Environment Agency CLEA Model 2002, including the technical background, generic conceptual models and model parameters, and the Soil Guideline Values derived from this model, were withdrawn in August 2008. The model parameters and generic conceptual models were reviewed and the technical background updated to incorporate the results of additional research. The withdrawn reports were replaced by the following documents:

- Human Health Toxicological Assessment of Contaminants in Soil (Science Report Final SC050021/SR2)
- Updated Technical Background to the CLEA Model (Science Report Final SC050021/SR3)

5.3 CONCEPTUAL MODEL FRAMEWORK

The preliminary stage of the risk assessment process is to develop and define a conceptual site model, based on the desk study and any existing site investigation data. This is used to establish any potential contaminant sources, identify existing and future receptors and assess if there are any potentially active pathways by which a potential risk may be present.

The preliminary conceptual site model will be developed and refined as site specific data is gathered, such as actual ground conditions and chemical data, resulting in a more robust conceptual understanding of the site.

5.4 CRITICAL SENSITIVE RECEPTOR – HUMAN HEALTH

The proposed redevelopment of the site is for a residential end use. Therefore, the critical sensitive receptor from a human health perspective is an on site residential receptor.

In accordance with CLEA guidance for a standard CLEA residential scenario, the critical sensitive receptor for a residential end use risk assessment is a female child, with exposure from 0 to 6 years.

The standard residential end use conceptual model defined by CLEA is assumed to be suitable for the purposes of this assessment.

5.5 CRITICAL SENSITIVE RECEPTOR - CONTROLLED WATERS

Based on the proposed redevelopment of the site for a residential end use, and the findings of the desk study, the critical sensitive receptor from a controlled water perspective is groundwater within the Raglan Mudstone Formation as it is classified as a Secondary 'A' Aquifer and is capable of supporting water supplies and base flow to rivers.

The streams onsite, and running along the sites boundary are also critically sensitive receptors.

5.6 POTENTIAL CONTAMINANT SOURCES

As identified in the desk study, the site has remained in agricultural use until the present day. The potential types of contaminants of concern locally associated with this land use and any potential disturbed ground of unknown origin are listed below:

- · Metals, semi-metals, and inorganics within any made ground
- Polyaromatic hydrocarbons (PAH) within any made ground
- Asbestos within any made ground.
- Herbicides and pesticides, if used for spraying the crops/orchard fields.

5.7 POTENTIAL EXPOSURE PATHWAYS

Potential exposure pathways for the critical receptors (both human health and controlled waters) are listed below:

- Dermal contact with soil and/or soil derived dust
- Ingestion of soil and/or soil attached to home-grown produce
- Ingestion of home-grown produce
- · Inhalation of soil derived dust
- Leaching of contaminants from soil to groundwater
- Transportation of contaminants within groundwater.

In addition, the following exposure pathways have also been considered:

- Ground gas generation and migration
- Building materials durability.

5.8 SUMMARY OF CONCEPTUAL EXPOSURE MODEL

A preliminary conceptual exposure model has been developed for the site. This is based on the findings of the desk study and historical review and includes all potential sources, pathways and receptors that may be present on site. Those that have been identified as being potentially active require further investigation in the form of sampling and testing of soils and groundwater, followed by appropriate risk assessment.

The preliminary conceptual exposure model will be reviewed and refined following the completion of the site works and laboratory testing.

The preliminary conceptual exposure model is presented below in Table 6.

Source			MASS - 000	Potentially	
Origin	Contaminant	Receptor	Pathway	Active Pathway	
Localised disturbed ground and topsoil	Metals, semi-metals, non- metals, PAH, Herbicides and Pesticides	Resident – human	Dermal Contact with made ground/dust	1	
		health	Ingestion of soil and/or soil attached to home-grown produce	1	
			Ingestion of home-grown produce	✓	
			Inhalation of dust	1	
		Inhalation of vapours – indoor/outdoor		✓	
	Metals, semi-metals, inorganics, PAH, Herbicides and Pesticides	Groundwater quality	Leaching from made ground	✓	
	Metals, semi-metals, inorganics, PAH, Herbicides and Pesticides	Surface water quality	Transportation within groundwater	~	
Underground Storage Tank	Petroleum hydrocarbons	Resident – human health	Inhalation of Vapours – indoor/outdoor	x	
	Petroleum hydrocarbons	Groundwater quality	Localised spillage	x	
	Petroleum hydrocarbons	Surface water quality	Transportation within groundwater	x	
Disturbed Ground of unknown origin and natural ground	Metals, semi-metals, non- metals, PAH,	Building Materials Durability	Direct contact	✓	
Ground Gas – organic, gas producing materials within areas of potential alluvium	Methane, carbon dioxide	Human health	Accumulation of gases in confined spaces, and/or migration off site, leading to asphyxiation, or risk of explosion	¥	

6.0 ANTICIPATED GROUND CONDITIONS

The general succession of superficial deposits and underlying solid geology encountered anticipated is as follows:-

Recent Potential Disturbed Ground

Recent Topsoil

Quaternary Alluvium

Silurian Raglan Mudstone Formation.

There is some potential for disturbed ground of unknown origin across the site associated with the former orchard fields.

The site area is anticipated to be covered by a thin veneer of topsoil comprising organic rich homogenous silts, clays and sands within existing grassed fields.

The geological map of the area indicates narrow areas of alluvium on the site area related to Ayles Brook flowing along the south eastern and southern site boundaries, the small stream in the north eastern site area and the former water course shown on historic maps flowing towards the south in the western site area. These narrow areas of superficial deposits are anticipated to comprise variable clays, silts, sand and gravels.

The solid strata underlying the site area is indicated to be the Raglan Mudstone Formation, likely comprising red-brown mudstone with subordinate beds of brown or greenish grey, calcareous sandstone and with immature calcretes, often weathered to clays near the surface.

7.0 SITE ASSESSMENT

7.1 DETAILS OF PROPOSED DEVELOPMENT

The details of the proposed development have not been made available as yet but it is understood the site will be developed for residential housing with associated gardens and soft landscaped areas.

7.2 ENVIRONMENTAL RISK ASSESSMENT

This assessment takes due regard of Contaminated Land Guidance issued by DEFRA and RICS. The methods used follow a risk based approach with the potential environmental risk assessed qualitatively using the 'source-pathway-receptor' pollutant linkage concept set out in the Environment Protection Act 1990.

Although the risk presented in the following tables and above is descriptive, it is correlated to a numerical chance of occurrence. Therefore, the range and percentage chance of occurrence is given in order that the reader may assess the datum for the risk level. Although the percentage chance is quoted, this is still a subjective evaluation and is not prepared by probabilistic determination. Therefore the chance of occurrence is a value judgement and not a numerical calculation. The evaluation is a simple qualitative risk assessment, which cannot make a judgement as to the probability of occurrence or the level of contamination that occurs. The latter two aspects require detailed site specific information.

Reference to risk classifications is made according to the following definitions.

Low Risk	It is unlikely that the issue will arise as a liability/cost.	
Medium Risk	It is possible that the issue could arise as a liability/cost. work is needed to clarify the risk and consequences.	Further
High Risk	It is likely that the issue will arise as a liability/cost.	

In consideration of the information gathered and presented in this report the following risk appraisal is considered appropriate.

7.2 ENVIRONMENTAL RISK ASSESSMENT (CONTINUED)

Table 6 : Table - Environmental Risk Assessment					
Issue	Risk Category	Comments			
Site sensitivity					
Sensitivity of site location	Low/Medium	Surrounding land is generally in residential/agricultural end use.			
Environmental sensitivity of adjacent land uses	Low	Surrounding land is generally in residential end use.			
Contamination potential					
Potential for significant on-site contamination	Low/Medium	Potential use of herbicides and pesticides related to former/current arable land use.			
Potential for contaminants migrating off from the site	Low				
Potential for contaminants migrating onto the site	Low				
Potential for other environmental issues to give rise to liabilities	Low				
Environmental Consequences					
Risk of pollution of controlled waters	Low	Subject to SI mitigation measures can be applied to any new development			
Risk of damage to future property	Low	Subject to SI mitigation measures can be applied to any new development			
Risk of harm to human health	Low	Subject to SI mitigation measures can be applied to any new development			
Business Consequences					
Risk of liability for owner	Low	Subject to SI mitigation measures can be applied to any new development			
Likelihood of designation as Contaminated Land under EPA 1990	Low				
Risk of site value and/or saleability being affected	Low	Subject to SI mitigation measures can be applied to any new development			
Overall Risk	Low				

Based on the historical use of the site, it is considered there is a possibility that some contamination may be encountered within soils related to potential historical use of herbicides and pesticides in orchard fields. The current tenant farmer had been contacted. The current tenant farmer is not aware of any spillages or over use of pesticides and herbicides.

7.2 ENVIRONMENTAL RISK ASSESSMENT (CONTINUED)

Based on the assessed risks from the desk study, it is considered site investigation and risk assessment are required to confirm the conceptual site model and better quantify these risks.

Intrusive investigation will be required to verify the state of the ground and the general land quality.

On the conditions expected it is considered that the development is generally at low risk from the migration of ground gases.

7.3 GEOTECHNICAL HAZARDS

A summary of commonly occurring geotechnical hazards is given in Table 8, together with an assessment of whether the site may be affected by each of the stated hazards.

	Haza		atus			
Issue (excluding contamination issues)	Likely to be present on site	present present t on site and/or affect		Engineering considerations		
Shrinkable clays		1		Special requirements for foundation and floor design		
Filled and made ground		1		Likely to affect ground		
Highly compressible and low bearing capacity soils including peat and soft clay				engineering and foundation design and construction		
Silt rich soils susceptible to rapid loss of strength in wet conditions		1				

7.3 GEOTECHNICAL HAZARDS (CONTINUED)

	Hazard Status					
Issue (excluding contamination issues)	Likely to be present on site	Could be present on site	Unlikely to be present and/or affect the site	Engineering considerations		
Adverse ground chemistry (including expansive slags, weathering of sulphides to sulphates)		1				
Combustibility potential			1			
Solution features			✓			
Evaporite dissolution features and subsidence			1			
Ground subject to peri-glacial valley cambering with gulls present			✓			
Sudden lateral changes in ground conditions		1				
Existing sub structures (e.g. foundations)			✓			
Ground subject to vibration			✓			
Underground mining			✓	Requirement for special protection / stabilisation		
Mine entries (shafts and adits, bell pits)			✓	measures		
Ground subject to or at risk of coastal or river erosion		✓				
Ground subject to, or at risk from landslips			✓			
High water table (including waterlogged ground)		1		May affect temporary and permanent works		
Rising groundwater table due to diminishing abstraction in urban areas or cessation of deep mining			1	May affect deep foundations, tunnels and basements and infrastructure		

7.4 SITE APPRAISAL

No sources of contamination were noted on site, therefore the risk of contamination from current activities is considered to be low. There is potential for some contamination associated within the soil related to the potential previous and current use of herbicides and pesticides with the agricultural land use. The current tenant farmer is not aware of any spillages or over application of herbicides and pesticides. The site is not listed as Contaminated Land under Part 2A of the Environmental Protection Act 1990. Intrusive investigation will be required to verify the state of the ground and the general land quality.

7.4 SITE APPRAISAL (CONTINUED)

The site is not within an area thought to be affected by any former or present underground mine workings based on evidence from historical maps of the area and the Envirocheck report obtained for the site.

8.0 SITE INVESTIGATION PROPOSALS

To facilitate a detailed technical and financial appraisal of the development scheme, a comprehensive investigation is required. This will enable the foundation and hardstanding design for the proposed development to be developed using specific data on the ground conditions and enable more accurate costings to be made.

Given the historical uses of the site, there is little potential for limited amounts of made ground to be present. The former orchard fields give potential for herbicide and pesticide contaminants within the soil. Therefore, there is potential for contaminants of concern to be present. In accordance with NHBC requirements any made ground will require assessment of its composition and coverage.

Investigation works should give consideration to the following:

- Permanent foundation design
- Temporary foundation design
- Excavation stability design
- Remediation requirements
- Groundwater control

In particular, the principal geotechnical issues to be addressed are:

Foundation strata - level, strength, compressibility, and chemical characteristics;

Investigation techniques to be adopted should include:

- Trial pitting/windowless sampling to examine the ground conditions at shallow depths;
- Laboratory geotechnical testing to assess the potential degree of volume change of any cohesive materials which might underlie the site and to assess the potential for aggressive ground conditions in accordance with BRE: SD1 (2005).
- Laboratory chemical testing of any topsoil and disturbed ground encountered to determine soil characteristics, properties, and chemistry; including pesticide and herbicide contamination testing.
- Soakaway tests, undertaken within excavated trial pits, in order to calculate the permeability rates and to determine the most appropriate drainage techniques at the site.

The proposed trial pit locations are shown on Figure 3 and are subject to change.

APPENDIX A

ENVIROCHECK REPORT



Envirocheck® Report:

Datasheet

Order Details:

Order Number: 45720108_1_1

Customer Reference:

11172/DH

National Grid Reference:

350190, 242430

Slice:

Α

Site Area (Ha):

0.01

Search Buffer (m):

1000

Site Details:

Site at 350180, 242460

Client Details:

MR H Pritchard Integral Geotechnique Integral House 7 Beddau Way Castlegate Business Park Caerphilly CF83 2AX





Report Section	Page Number
Summary	
Agency & Hydrological	1
Waste	49
Hazardous Substances	50
Geological	51
Industrial Land Use	64
Sensitive Land Use	67
Data Currency	68
Data Suppliers	72
Useful Contacts	73

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 and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

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

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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and the Health Protection Agency.

Report Version v47.0





Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000r (*up to 2000r
Agency & Hydrological					
Contaminated Land Register Entries and Notices			·	7	
Discharge Consents	pg 1				7
Enforcement and Prohibition Notices	pg 2				2
Integrated Pollution Controls	pg 3				4
Integrated Pollution Prevention And Control	pg 3				7
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 6				3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6		Yes		
Pollution Incidents to Controlled Waters	pg 7		1	2	1
Prosecutions Relating to Authorised Processes			0.0		
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances			70		
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 7				1
Water Abstractions	pg 7				(*160)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 47	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 47	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 47		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 47		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste			8	24	
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 Recorded Landfill Sites			2		
Registered Landfill Sites					
Registered Waste Transfer Sites					



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 50				1
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 50				2
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 51	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 51	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 61			1	1
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 61	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 62	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 62		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 62	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 62		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 62		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 63	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 64			3	21
Fuel Station Entries	pg 66			1	



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt					24
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 67	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Davies W T - Smallholdings Committee Livestock Production, Food Production Bollingham Farm Kington Hr5 3ld Environment Agency, Welsh Region River Wye Ah3005620 1 28th February 1968 28th February 1968 19th November 1992 Unspecified Freshwater Stream/River Unnamed Trib Consent expired Located by supplier to within 100m	A12SE (SW)	511	1	349800 242100
1	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Mr C N Merrick Livestock Production, Food Production Bollingham Farm Kington Hr5 3ld Environment Agency, Welsh Region River Wye Ah3005621 1 28th February 1968 28th February 1968 12th October 1993 Unspecified Freshwater Stream/River Unnamed Trib Consent expired Located by supplier to within 100m	A12SE (SW)	511	1	349800 242100
2	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Ms Karen Rogers Domestic Property (Single) Coldwells House Holmer Hereford Environment Agency, Welsh Region River Wye AN0066501 1 11th May 1988 11th May 1988 Not Supplied Unspecified Freshwater Stream/River Lugg New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 100m	A14NW (E)	539	1	350700 242600
3	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Mrs Charlotte Jane Hyde Domestic Property (Multiple) Jubilate, The Shielding & 4 Bank Co, & 4 Bank Cottages Coldwells Road, Coldwells Road Holmer Hereford Environment Agency, Welsh Region River Wye An0260201 1 21st September 1995 21st September 1995 Not Supplied Unspecified Freshwater Stream/River Coldwells Brook New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 10m	A14NE (E)	696	1	350870 242570



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Mr Geoffrey Richard Minett Domestic Property (Multiple) Jubilate, The Shielding & 4 Bank Co, & 4 Bank Cottages Coldwells Road, Coldwells Road Holmer Hereford Environment Agency, Welsh Region River Wye An0260201 1 21st September 1995 21st September 1995 Not Supplied Unspecified Freshwater Stream/River Coldwells Brook New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 10m	A14NE (E)	696	Ĭ	350870 242570
3	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Type: Discharge Type: Type: Discharge Typ	Mr Archibald Harvey Millar Domestic Property (Multiple) Jubilate, The Shielding & 4 Bank Co, & 4 Bank Cottages Coldwells Road, Coldwells Road Holmer Hereford Environment Agency, Welsh Region River Wye AN0260201 1 21st September 1995 21st September 1995 Not Supplied Unspecified Freshwater Stream/River Coldwells Brook New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 100m	A14NE (E)	696	ă	350870 242570
4	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Denco Holdings Ltd Undefined Or Other Hereford - Denco Cad Testing A Environment Agency, Welsh Region River Wye Ah4003201 1 17th September 1981 17th September 1981 15th October 1992 Unspecified Freshwater Stream/River Ayles Brook Consent expired Located by supplier to within 10m	A9SW (SE)	885	1	350620 241660
5	Enforcement and Proceedings of the Location: Permit Reference; Enforcement Date: Details: Positional Accuracy:	rohibition Notices Holmer Road, Hereford, HR4 9SL Not Given 31st October 2001 Notice Was Served Following A Series Of Breaching Of The Emmission Limit For A Shot Blasting Unit Operating At The Site Between The 20th July And 13th October. Manually positioned to the address or location	A9NE (SE)	969	i	350973 241865
5	Enforcement and Proceed to Control of Permit Reference: Enforcement Date: Details:	Secretaria de la companya del companya del companya de la companya del la companya de la company	A9NE (SE)	972	1	350983 241873

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Map ID	Internated Fall A	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Integrated Pollution Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Special Metals Wiggin Ltd Wiggin Works, Holmer Road, HEREFORD, Herefordshire, HR4 9SL Environment Agency, Welsh Region BD2390 24th November 1998 IPC minor (non-substantial) variation to previous variation 2.2 A (D) Non-ferrous Metal processes within the Metal Industry Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address	A9NE (SE)	895	1	350886 24186
6	Integrated Pollution Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Inco Alloys International Wiggin Works, Holmer Road, HEREFORD, Herefordshire, HR4 9SL Environment Agency, Midlands Region AL5755 17th January 1994 Application since found to be exempt from IPC 4.3 A (F) Acid processes within the Chemical Industry Application since found to be exempt from IPCExempt Automatically positioned to the address	A9NE (SE)	896	1	35088 24186
6	Integrated Pollution Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Controls Special Metals Wiggin Ltd Wiggin Works, Holmer Road, HEREFORD, Herefordshire, HR4 9SL Environment Agency, Welsh Region BF4687 25th August 1999 IPC minor (non-substantial) variation to previous variation 2.2 A (D) Non-ferrous Metal processes within the Metal Industry Revoked - Now IPPC Automatically positioned to the address	A9NE (SE)	898	1	35088 24186
6	Integrated Pollution Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Special Metals Wiggin Ltd Wiggin Works, Holmer Road, HEREFORD, Herefordshire, HR4 9SL Environment Agency, Welsh Region AS7035 25th January 1996 IPC new application 2.2 A (D) Non-ferrous Metal processes within the Metal Industry Authorisation superseded by a substantial or non substantial variationSuperseded Automatically positioned to the address	A9NE (SE)	899	1	35088 24185
Ž	Name: Location: Authority: Permit Reference: Original Permit Ref: Effective Date: Status: Application Type: App. Sub Type:	8th May 2012 Effective Variation Minor Automatically positioned to the address 2.2 A(1) (B) (I)	A9NE (SE)	896	ğ	35088 24186:



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Integrated Pollution	Prevention And Control				
7	Name: Location:	Special Metals Wiggin Ltd Holmer, Nickel Alloy Works, Holmer Road, HEREFORD, Herefordshire, HR4 9SL	A9NE (SE)	896	1	350881 241865
	Effective Date: Status: Application Type: App. Sub Type: Positional Accuracy: Activity Code:	Environment Agency, Midlands Region VP3638FN Bk4766iz 27th April 2012 Superseded By Variation Variation Variation Standard Automatically positioned to the address 2.3 A(2) (A) Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 CU M Where Carried Out With Activities Under Part A(2) Or Part B Of Section 2.1 Or Part B Of Section 2.2 Or Part B Of Section 6.4 N				
	Activity Code: Activity Description:	2.3 A(1) (A) Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 Cubic Metres				
	Primary Activity: Activity Code: Activity Description:	N 2.2 A(1) (B) (I) Non-Ferrous Metals; Melting With Capacity Greater Than 4T/D Lead/Cadmium Or 20T/D Others				
	Primary Activity: Activity Code: Activity Description:	Y 4.7 A(1) (A) Carbon Disulphide Or Ammonia; Carbon Disulphide Relase To Air (Any Activity)				
	Primary Activity: Activity Code: Activity Description:	N 2.2 A(2) (A) Non-Ferrous Metals; Melting And Making Alloys Greater Than 4 T/ Day Lead/Cadmium Or 20 T/D Others And All Furnaces Etc Less Than 5T				
	Primary Activity:	N				
	Integrated Pollution	Prevention And Control				
7	Name: Location: Authority: Permit Reference: Original Permit Ref: Effective Date: Status: Application Type: App. Sub Type: Positional Accuracy: Activity Code: Activity Description: Primary Activity: Activity Code:	Special Metals Wiggin Ltd Holmer Road, Hereford, HR4 9SL Environment Agency, Welsh Region UP3138XY Bk4766iz 19th February 2008 Effective Variation Minor Automatically positioned to the address 2.2 A(2) (A) Non-Ferrous Metals; Melting And Making Alloys Greater Than 4 T/ Day Lead/Cadmium Or 20 T/D Others And All Furnaces Etc Less Than 5T N 4.7 A(1) (A) Carbon Disulphide Or Ammonia; Carbon Disulphide Relase To Air (Any Activity) N 2.3 A(1) (A) Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 Cubic Metres N 2.2 A(1) (B) (I) Non-Ferrous Metals; Melting With Capacity Greater Than 4T/D Lead/Cadmium Or 20T/D Others Y 2.3 A(2) (A) Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30	A9NE (SE)	896	1	350881 241865
	Primary Activity:	CU M Where Carried Out With Activities Under Part A(2) Or Part B Of Section 2.1 Or Part B Of Section 2.2 Or Part B Of Section 6.4				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Integrated Pollution	Prevention And Control				
7	Name: Location:	Special Metals Wiggin Ltd Holmer, Nickel Alloy Works, Holmer Road, HEREFORD, Herefordshire, HR4	A9NE (SE)	896	1	350881 241865
	Activity Code:	9SL Environment Agency, Midlands Region UP3138XY Bk4766iz 19th February 2008 Superseded By Variation Variation Minor Automatically positioned to the address 2.3 A(1) (A) Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 Cubic Metres N 2.2 A(1) (B) (I) Non-Ferrous Metals; Melting With Capacity Greater Than 4T/D Lead/Cadmium Or 20T/D Others Y 2.2 A(2) (A) Non-Ferrous Metals; Melting And Making Alloys Greater Than 4 T/ Day Lead/Cadmium Or 20 T/D Others And All Furnaces Etc Less Than 5T N 2.3 A(2) (A) Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 CU M Where Carried Out With Activities Under Part A(2) Or Part B Of Section 2.1 Or Part B Of Section 2.2 Or Part B Of Section 6.4 N 4.7 A(1) (A)				
	Activity Description:	Carbon Disulphide Or Ammonia; Carbon Disulphide Relase To Air (Any Activity) N				
	Primary Activity:					
7	Name: Location: Authority: Permit Reference: Original Permit Ref: Effective Date: Status: Application Type: App. Sub Type: Positional Accuracy: Activity Code: Activity Description: Primary Activity: Activity Code:	Special Metals Wiggin Ltd Holmer Road, Hereford, HR4 9SL Environment Agency, Welsh Region XP3739LS Bk4766iz 14th September 2006 Superseded By Variation Surrender Part Automatically positioned to the address 4.7 A(1) (B) Carbon Disulphide Or Ammonia; Ammonia Release To Air (Any Chemical Manufacture Not Refridgerant Use) N 1.1 A(1) (A) Combustion; Any Fuel Greater Or Equal To 50Mw Y 2.2 A(2) (A) Non-Ferrous Metals; Melting And Making Alloys Greater Than 4 T/ Day Lead/Cadmium Or 20 T/D Others And All Furnaces Etc Less Than 5T N 0.0 Associated Process Associated Process Associated Process N 2.3 A(2) (A) Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 CU M Where Carried Out With Activities Under Part A(2) Or Part B Of Section 2.1 Or Part B Of Section 2.2 Or Part B Of Section 6.4	A9NE (SE)	896	1	350881 241865



/lap ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Name: Location: Authority: Permit Reference: Original Permit Ref: Effective Date: Status: Application Type: App. Sub Type: Positional Accuracy: Activity Code:	Prevention And Control Special Metals Wiggin Ltd Holmer Road, Hereford, HR4 9SL Environment Agency, Welsh Region UP3438XL Bk4766iz 14th September 2006 Superseded By Variation Variation Minor Automatically positioned to the address 2.2 A(1) (B) (I) Non-Ferrous Metals; Melting With Capacity Greater Than 4T/D Lead/Cadmium Or 20T/D Others Y 4.7 A(1) (A) Carbon Disulphide Or Ammonia; Carbon Disulphide Relase To Air (Any Activity) N 2.3 A(1) (A) Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 Cubic Metres	A9NE (SE)	896	1	35088 24186
	Primary Activity:	N			3	
7	Name: Location: Authority: Permit Reference: Original Permit Ref: Effective Date: Status: Application Type: App. Sub Type: Positional Accuracy: Activity Code: Activity Description: Primary Activity: Activity Code: Activity Description: Primary Activity: Activity Description: Primary Activity: Activity Code: Activity Description:	31st January 2003 Superseded By Variation Application New Automatically positioned to the address 2.2 A(1) (B) (I) Non-Ferrous Metals; Melting With Capacity Greater Than 4T/D Lead/Cadmium Or 20T/D Others Y 4.7 A(1) (A) Carbon Disulphide Or Ammonia; Carbon Disulphide Relase To Air (Any Activity) N 2.3 A(1) (A) Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 Cubic Metres N	A9NE (SE)	896	1	35088 24186:
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution Prevention and Controls Thistle Processing Holmer Herefordshire Council, Environmental Health Department 6.8/001 30th October 2006 Local Authority Pollution Prevention and Control PG6/45 Surface cleaning Permitted Manually positioned within the geographical locality	A9NW (SE)	747	2	35066 24185
9	Local Authority Poli Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution Prevention and Controls Inco Alloys Wiggin Works, Holmer Road, HEREFORD, Herefordshire, HR4 9SL Herefordshire Council, Environmental Health Department 10 6th August 1992 Local Authority Air Pollution Control PG2/7 Zinc and zinc alloy processes Authorised Automatically positioned to the address	A9NE (SE)	895	2	35087 24186
GM.	17 (17 (17 (17 (17 (17 (17 (17 (17 (17 (lution Prevention and Controls	200000000	2000-62007	578.1	(September)
10	Name: Location: Authority: Permit Reference: Dated: Process Type: Description:	Denco Ltd P O Box 11, Holmer Road, HEREFORD, Herefordshire, HR4 9SJ Herefordshire Council, Environmental Health Department 3 29th September 1992 Local Authority Air Pollution Control PG6/10 Coating manufacturing Authorisation revokedRevoked	A9SW (SE)	941	2	35060 24158
	Status: Positional Accuracy:	Manually positioned to the road within the address or location				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Property Type: Location: Authority: Pollutant: Note: Incident Date: Incident Reference: Catchment Area: Receiving Water: Cause of Incident; Incident Severity:	to Controlled Waters Not Given Location Description Not Available Environment Agency, Welsh Region Oils - Diesel (Including Agricultural) Not Supplied 12th June 1996 29144 Not Given Not Given Unknown Category 3 - Minor Incident Located by supplier to within 100m	A13SE (S)	133	1	350200 242300
12	Property Type: Location: Authority: Pollutant: Note: Incident Date: Incident Reference: Catchment Area: Receiving Water: Cause of Incident: Incident Severity:	to Controlled Waters Not Given Racetrack, Roman Road, HEREFORD Environment Agency, Welsh Region Road Run-Off Weather; Ayles Brook 8th December 1998 37333 Not Given Not Given Runoff Category 3 - Minor Incident Located by supplier to within 100m	A13SW (SW)	298	1	350001 242201
13	Property Type: Location: Authority: Pollutant: Note: Incident Date: Incident Reference: Catchment Area: Receiving Water: Cause of Incident: Incident Severity:	to Controlled Waters Not Given Church On A49, Out Of Hereford, HOLMER Environment Agency, Welsh Region Sewage - Septic Tank Effluent Accidental Spillage/Leakage 19th January 1996 27204 Not Given Not Given Spillage Category 3 - Minor Incident Located by supplier to within 100m	A13SE (E)	314	1	350500 242400
14	Property Type: Location: Authority: Pollutant: Note: Incident Date: Incident Reference: Catchment Area: Receiving Water: Cause of Incident: Incident Severity:	to Controlled Waters Private Sewage (Non-PLC): Other Coldwell House, HOLMER Environment Agency, Welsh Region Chlorinated Water Not Supplied 23rd March 1992 3482 Not Given Not Given Not Given Bypass Of Treatment Facilities Category 2 - Significant Incident Located by supplier to within 100m	A14NW (E)	538	1	350700 242595
15	Authority: Incident Date: Incident Reference: Water Impact: Air Impact: Land Impact:	Ation Incident Register Environment Agency - Midlands Region, Upper Severn Area 19th October 2001 37674 Category 2 - Significant Incident Category 4 - No Impact Category 4 - No Impact Located by supplier to within 10m Inorganic Chemicals/Products: Heavy Metals	A9NW (SE)	800	1	350810 241930
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Mr C Jay 19/55/12/0607 100 Well At Highway Farm Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Status: Revoked; Lapsed Or Cancelled 01 January 31 December 31st March 1966 Not Supplied Located by supplier to within 100m	A23SE (N)	1059	Ĭ	350480 243450



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Mr J Haddon 19/55/12/0502 100 Well At Marley House Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Status: Revoked; Lapsed Or Cancelled 01 January 31 December 6th July 1966 Not Supplied Located by supplier to within 100m	A15NW (E)	1074	1	351210 242760
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Mr J Haddon 19/55/12/0502 100 Borehole At Marley House Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 6th July 1966 Not Supplied Located by supplier to within 10m	A15NW (E)	1087	1	351230 242740
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Mr R Watkins 19/55/12/0219 100 Borehole At Lyde Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Status: Revoked; Lapsed Or Cancelled 01 January 31 December 6th September 1999 Not Supplied Located by supplier to within 100m	A17NW (NW)	1108	1	349500 243300
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised End; Permit Start Date: Permit End Date: Positional Accuracy:	Mr G M Bulmer 19/55/16/0032 100 Borehole At Credenhill Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Status: Revoked; Lapsed Or Cancelled 01 January 31 December 1st June 1971 Not Supplied Located by supplier to within 100m	A11NE (W)	1122	1	349070 242520



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Mrs E Houlden 19/55/16/0076 100 Borehole At Lyde Cross Tree Farm Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Status: Revoked; Lapsed Or Cancelled 01 January 31 December 1st May 1973 Not Supplied Located by supplier to within 100m	A20SW (NE)	1164	ì	351220 242970
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Poultry Ltd 19/55/16/0106 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Well And Borehole Not Supplied Not Supplied Huntington Court Borehole (No.3); Status: Revoked; Lapsed Or Cancelled Not Supplied Located by supplier to within 100m	A6NE (SW)	1261	1	349060 241870
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Poultry Ltd 19/55/16/0102 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Well And Borehole Not Supplied Not Supplied Red Barn Farm Borehole (No.2); Status: Revoked; Lapsed Or Cancelled Not Supplied Located by supplier to within 100m	A2NE (S)	1316	1	349770 241185
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Red Barn Borehole No. 1 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A2NE (S)	1321	1	349770 241180



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Red Barn Borehole No. 1 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A2NE (S)	1321	ì	349770 241180
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Red Barn Borehole No. 1 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 1st September 1971 Not Supplied	A2NE (S)	1321	1	349770 241180
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Red Barn Borehole No. 6 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A2NE (S)	1326	1	349850 241150
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Red Barn Borehole No. 6 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A2NE (S)	1326	1	349850 241150



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Red Barn Borehole No. 6 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 1st September 1971 Not Supplied Located by supplier to within 10m	A2NE (S)	1326	1	349850 241150
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Red Barn Borehole No. 2 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A2NE (S)	1327	1	349780 241170
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Red Barn Borehole No. 2 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A2NE (S)	1327	1	349780 241170
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Details Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	The Duchy Of Cornwall 19/55/12/0828 101 Well At Lower Lyde Farm Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Lower Lyde Farm & Lower Lyde Court 01 January 31 December 5th May 2000 Not Supplied Located by supplier to within 10m	A24\$W (N)	1327	1	350690 243660



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Red Barn Borehole No. 2 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 1st September 1971 Not Supplied Located by supplier to within 10m	A2NE (S)	1327	i	349780 241170
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Poultry Ltd 19/55/16/0106 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Well And Borehole Not Supplied Not Supplied Huntington Court Borehole (No.2); Status: Revoked; Lapsed Or Cancelled Not Supplied Located by supplier to within 100m	A6SE (SW)	1329	1	349080 241700
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Red Barn Borehole No. 4 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A2NE (S)	1332	1	349830 241150
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End; Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Red Barn Borehole No. 4 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A2NE (S)	1332	1	349830 241150



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Red Barn Borehole No. 4 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 1st September 1971 Not Supplied Located by supplier to within 10m	A2NE (S)	1332	ì	349830 241150
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Poultry Ltd 19/55/16/0102 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Well And Borehole Not Supplied Not Supplied Westfield Borehole (No.9); Status: Revoked; Lapsed Or Cancelled Not Supplied	A2NE (S)	1337	1	349810 241150
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Red Barn Borehole No. 5 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A2NE (S)	1339	1	349840 241140
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Red Barn Borehole No. 5 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A2NE (S)	1339	1	349840 241140



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Red Barn Borehole No. 5 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 1st September 1971 Not Supplied Located by supplier to within 10m	A2NE (S)	1339	j	349840 241140
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Red Barn Borehole No. 3 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A2NE (S)	1340	1	349800 241150
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Red Barn Borehole No. 3 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A2NE (S)	1340	1	349800 241150
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Red Barn Borehole No. 3 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 1st September 1971 Not Supplied Located by supplier to within 10m	A2NE (S)	1340	1	349800 241150



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Three Elms Borehole No. 1 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A6SE (SW)	1365	ì	349070 241650
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Three Elms Borehole No. 1 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Hereford Racecourse & Golf Club 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A6SE (SW)	1365	1	349070 241650
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Three Elms Borehole No. 1 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A6SE (SW)	1365	ī	349070 241650
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Three Elms Borehole No. 1 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 1st September 1971 Not Supplied Located by supplier to within 10m	A6SE (SW)	1365	1	349070 241650



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date:	Sun Valley Foods Ltd 19/55/16/0094 100 Three Elms Borehole No. 1 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Hereford Racecourse & Golf Club 01 April 30 September 1st September 1971 Not Supplied	A6SE (SW)	1365	Í	349070 241650
	Positional Accuracy: Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	2.10 0.00 10.00 0.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00	A3SW (S)	1456	1	349930 241000
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Borehole (No.21) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied O1 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A3SW (S)	1456	1	349930 241000
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Point F - Formerly Known As Westfield Borehole (No.9) Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A3SW (S)	1456	1	350090 240980



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Point F - Formerly Known As Westfield Borehole (No.9) Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A3SW (S)	1456	i	350090 240980
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0066 101 Moorfield Borehole (No.21) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A3SW (S)	1456	1	349930 241000
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0066 101 Moorfield Borehole (No.21) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A3SW (S)	1456	1	349930 241000
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End; Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Borehole (No.21) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Moorfield Well (No.14) - 7.62M Deep; Status: Revoked; Lapsed Or Cancelled 01 January 31 December 4th November 1993 Not Supplied Located by supplier to within 100m	A3SW (S)	1456	1	349930 241000



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Point F - Formerly Known As Westfield Borehole (No.9) Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 1st September 1971 Not Supplied Located by supplier to within 10m	A3SW (S)	1456	i	350090 240980
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Borehole (No.21) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 4th November 1993 Not Supplied Located by supplier to within 10m	A3SW (S)	1461	1	349930 240995
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Poultry Ltd 19/55/16/0102 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Well And Borehole Not Supplied Not Supplied Red Barn Farm Borehole (No.1); Status: Revoked; Lapsed Or Cancelled Not Supplied Located by supplier to within 100m	A3SW (S)	1461	i	350090 240975
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Point E - Formerly Known As Westfield Borehole No.5 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate. 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A3SW (S)	1464	1	350130 240970



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Point E - Formerly Known As Westfield Borehole No.5 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A3SW (S)	1464	i	350130 240970
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Point E - Formerly Known As Westfield Borehole No.5 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A3SW (S)	1464	1	350130 240970
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Point E - Formerly Known As Westfield Borehole No.5 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate. 01 January 31 December 1st September 1971 Not Supplied	A3SW (S)	1464	i	350130 2 4 0970
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Poultry Ltd 19/55/16/0102 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Well And Borehole 2000 823000 Westfield Borehole (No.5); Status: Revoked; Lapsed Or Cancelled Not Supplied Not Supplied Not Supplied Not Supplied Not Supplied Not Supplied Located by supplier to within 100m	A3SW (S)	1464	1	350130 240970



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Three Elms Borehole No. 2 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A6SE (SW)	1468		349080 241470
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Three Elms Borehole No. 2 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Hereford Racecourse & Golf Club 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A6SE (SW)	1468	1	349080 241470
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Three Elms Borehole No. 2 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied	A6SE (SW)	1468	1	349080 241470
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Three Elms Borehole No. 2 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 1st September 1971 Not Supplied Located by supplier to within 10m	A6SE (SW)	1468	1	34908 241470



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Three Elms Borehole No. 2 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Hereford Racecourse & Golf Club 01 April 30 September 1st September 1971 Not Supplied	A6SE (SW)	1468	i	349080 241470
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Poultry Ltd 19/55/16/0106 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Well And Borehole Not Supplied Not Supplied Huntington Court Borehole (No.1); Status: Revoked; Lapsed Or Cancelled Not Supplied Located by supplier to within 100m	A6SE (SW)	1468	1	349080 241470
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Poultry Ltd 19/55/16/0102 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Well And Borehole Not Supplied Not Supplied Westfield Borehole (No.11); Status: Revoked; Lapsed Or Cancelled Not Supplied Located by supplier to within 100m	A3SE (S)	1474	1	350240 240960
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Point J - Formerly Known As Westfield Borehole (No.4) Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A3SE (S)	1483	1	350220 240950



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/lap ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Point J - Formerly Known As Westfield Borehole (No.4) Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A3SE (S)	1483	1	350220 240950
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Point J - Formerly Known As Westfield Borehole (No.4) Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 1st September 1971 Not Supplied Located by supplier to within 10m	A3SE (S)	1483	1	350220 240950
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Poultry Ltd 19/55/16/0098 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Well And Borehole Not Supplied Not Supplied Not Supplied Westfield Borehole (No.4); Status: Revoked; Lapsed Or Cancelled Not Supplied	A3SE (S)	1483	1	35022 24095
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Poultry Ltd 19/55/16/0106 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Well And Borehole Not Supplied Not Supplied Huntington Court Borehole (No.4); Status: Revoked; Lapsed Or Cancelled Not Supplied	A6NW (W)	1496	1	34878 24193



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Mr W Hartland 19/55/12/0016 100 Borehole At Markeaton Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Status: Revoked; Lapsed Or Cancelled 01 January 31 December 7th October 1966 Not Supplied Located by supplier to within 100m	A15NE (E)	1510	Í	351680 242660
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Borehole (No.24) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 10 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A2SE (S)	1546	1	349660 240980
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Borehole (No.24) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Not Supplied 10 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A2SE (S)	1546	1	349660 2 4 0980
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0066 101 Moorfield Borehole (No.24) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied O1 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A2SE (S)	1546	1	34966C 24098C



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lap ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number:	Scottish Courage Limited 19/55/16/0066	A2SE (S)	1546	1	349660 240980
	Permit Version: Location: Authority: Abstraction: Abstraction Type:	101 Moorfield Borehole (No.24) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point	(-)			
	Source: Daily Rate (m3): Yearly Rate (m3): Details:	Groundwater Not Supplied Not Supplied Not Supplied				
	Authorised Start: Authorised End: Permit Start Date: Permit End Date:	01 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m				
	To the second se	2.2000 BC BC BC 54.500 460 CC CC BC				
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details:	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Borehole (No.24) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Moorfield Well (N0.22W) - 7.62M Deep; Status: Revoked; Lapsed Or Cancelled	A2SE (S)	1546	1	34966 24098
	Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Constitution of the Consti				
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy: Water Abstractions	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Borehole (No.24) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Moorfield Well (No.23W) - 7.62M Deep; Status: Revoked; Lapsed Or Cancelled 01 January 31 December 4th November 1993 Not Supplied Located by supplier to within 100m	A2SE (S)	1550	1	34966 24097
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date:	Mr S Taylor 19/55/12/0376 100 Well At White House Farm Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Status: Revoked; Lapsed Or Cancelled 01 January 31 December 31st March 1966 Not Supplied	A20NE (NE)	1553	1	35156 24316

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Mrs E Houlden 19/55/16/0076 100 Well At Lyde Cross Tree Farm Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Status: Revoked; Lapsed Or Cancelled 01 January 31 December 1st May 1973 Not Supplied Located by supplier to within 100m	A20NW (NE)	1557	1	351460 243330
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Messrs R Watkins 19/55/12/0803 100 Lyde Brook At Arundel Farm Environment Agency, Welsh Region General Agriculture: Spray Irrigation - Storage Water may be abstracted from a single point Surface Not Supplied Not Supplied Lyde Brook; Status: Revoked; Lapsed Or Cancelled 01 November 31 March 1st April 2004 Not Supplied Located by supplier to within 100m	A22NE (N)	1573	1	349680 243920
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Messrs R Watkins 19/55/12/0804 101 Borehole At Arundel Farm Environment Agency, Welsh Region General Agriculture: Spray Irrigation - Storage Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Borehole; Status: Revoked; Lapsed Or Cancelled 01 April 31 October 1st April 2004 Not Supplied	A22NE (N)	1579	ī	349720 243940
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Messrs R Watkins 19/55/12/0804 101 Borehole At Arundel Farm Environment Agency, Welsh Region General Agriculture: Spray Irrigation - Storage Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 November 31 March 1st April 2004 Not Supplied Located by supplier to within 10m	A22NE (N)	1579	1	349720 243940



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Poultry Ltd 19/55/16/0102 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Well And Borehole Not Supplied Not Supplied Red Barn Farm Borehole (No.3); Status: Revoked; Lapsed Or Cancelled Not Supplied	A2NW (SW)	1580	ì	349280 241140
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Mr E Powell 19/55/12/0468 100 Well At Munstone House (Point 1) Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Status: Revoked; Lapsed Or Cancelled 01 January 31 December 31st March 1966 Not Supplied Located by supplier to within 100m	A20SE (E)	1581	1	351720 242820
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Borehole (No.20) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 101 January 31 December 23rd November 2009 Not Supplied	A3SW (S)	1582	1	349940 240870
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Borehole (No.20) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Not Supplied 1 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A3SW (S)	1582	1	349940 240870



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0066 101 Moorfield Borehole (No.20) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 101 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A3SW (S)	1582	i	349940 240870
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0066 101 Moorfield Borehole (No.20) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Ot January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A3SW (S)	1582	1	349940 240870
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Borehole (No.20) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 4th November 1993 Not Supplied Located by supplier to within 10m	A3SW (S)	1586	1	349945 240865
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Borehole (No.20) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 4th November 1993 Not Supplied Located by supplier to within 10m	A3SW (S)	1587	1	349940 240865



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Huntington Court Borehole No. 3 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A6SE (SW)	1606	i	348860 241530
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Huntington Court Borehole No. 3 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Hereford Racecourse & Golf Club 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A6SE (SW)	1606	1	348860 241530
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Huntington Court Borehole No. 3 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A6SE (SW)	1606	1	348860 2 4 1530
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Huntington Court Borehole No. 3 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 1st September 1971 Not Supplied Located by supplier to within 10m	A6SE (SW)	1606	1	348860 241530



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Huntington Court Borehole No. 3 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Hereford Racecourse & Golf Club 01 April 30 September 1st September 1971 Not Supplied	A6SE (SW)	1606	i	348860 241530
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date:	12.12 CC 10.12 CC 10.14 CC 10.15 CC 10.	A23NE (N)	1619	1	350370 244040
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Well (No.25w) Environment Agency, Welsh Region Brewerles/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 10 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A2SE (S)	1638	ī	349610 240900
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Well (No.25w) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A2SE (S)	1638	1	349610 240900



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0066 101 Moorfield Well (No.25w) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Not Supplied 101 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A2SE (S)	1638	1	349610 240900
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0066 101 Moorfield Well (No.25w) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied O1 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A2SE (S)	1638	1	349610 240900
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Well (No.25w) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Moorfield Well (No.25W) - 10.7M Deep; Status: Revoked; Lapsed Or Cancelled 01 January 31 December 4th November 1993 Not Supplied Located by supplier to within 100m	A2SE (S)	1638	1	349610 240900
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Well (No.22w) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 10 January 11 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A2SE (S)	1642	1	349830 240830



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Well (No.22w) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A2SE (S)	1642	ì	349830 240830
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0066 101 Moorfield Well (No.22w) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A2SE (S)	1642	1	349830 240830
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0066 101 Moorfield Well (No.22w) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A2SE (S)	1642	1	349830 240830
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Well (No.22w) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Ryelands Well (No.2) - Avenue Cellar Well - 4.57M Deep; Status: Revoked; Lapsed Or Cancelled 01 January 31 December 4th November 1993 Not Supplied Located by supplier to within 100m	A2SE (S)	1642	1	349830 240830



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Well (No.25w) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Moorfield Borehole (No.24) - 11.9M Deep; Status: Revoked; Lapsed Or Cancelled 01 January 31 December 4th November 1993 Not Supplied Located by supplier to within 100m	A2SE (S)	1643	Ĭ	349610 240895
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Well (No.22w) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Moorfield Borehole (No.20) - 9.14M Deep; Status: Revoked; Lapsed Or Cancelled 01 January 31 December 4th November 1993 Not Supplied Located by supplier to within 100m	A2SE (S)	1647	1	349830 240825
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Point H - Formerly Known As Westfield Borehole (No.12) Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A3SE (S)	1656	Ĭ	350290 2 4 0780
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Point H - Formerly Known As Westfield Borehole (No.12) Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A3SE (S)	1656	1	350290 240780



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Point H - Formerly Known As Westfield Borehole (No.12) Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 1st September 1971 Not Supplied Located by supplier to within 10m	A3SE (S)	1656	Ĭ	350290 240780
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Poultry Ltd 19/55/16/0102 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Well And Borehole Not Supplied Not Supplied Westfield Borehole (No.12); Status: Revoked; Lapsed Or Cancelled Not Supplied Located by supplier to within 100m	A3SE (S)	1656	1	350290 240780
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Well (No.23w) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Not Supplied 10 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A2SE (S)	1679	i	34972 24082
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Well (No.23w) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied O1 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A2SE (S)	1679	1	34972 24082



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lap ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version:	Scottish Courage Limited 19/55/16/0066 101	A2SE (S)	1679	1	349720 240820
	Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Moorfield Well (No.23w) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied O1 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m				
	Water Abstractions				,	
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0066 101 Moorfield Well (No.23w) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A2SE (S)	1679	1	349720 240820
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start:	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Well (No.23w) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Moorfield Well (No.19W) - 7.85M Deep; Status: Revoked; Lapsed Or Cancelled 01 January	A2SE (S)	1679	1	34972 24082
	Authorised End:	31 December				
	Permit Start Date: Permit End Date: Positional Accuracy:	4th November 1993 Not Supplied Located by supplier to within 100m				
	Water Abstractions				_	
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start:	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Well (No.23w) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Moorfield Borehole (No.21) - 8.84M Deep; Status: Revoked; Lapsed Or Cancelled 1 January	A2SE (S)	1684	1	34972 24081
	Authorised End: Permit Start Date: Permit End Date:	31 December 4th November 1993 Not Supplied Located by supplier to within 100m				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Well (No.19w) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A3SW (S)	1707	i	349900 240750
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Well (No.19w) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A3SW (S)	1707	1	349900 240750
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0066 101 Moorfield Well (No.19w) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 10 January 31 December 3rd July 2003 Not Supplied	A3SW (S)	1707	1	349900 240750
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0066 101 Moorfield Well (No.19w) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Ot January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A3SW (S)	1707	1	349906 240750



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Well (No.19w) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Ryelands Well (No.3) - Four Vat Well - 4.57M Deep; Status: Revoked; Lapsed Or Cancelled 01 January 31 December 4th November 1993 Not Supplied Located by supplier to within 100m	A3SW (S)	1707	1	349900 240750
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Well (No.19w) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Moorfield Well (No.15) - 7.62M Deep; Status: Revoked; Lapsed Or Cancelled 01 January 31 December 4th November 1993 Not Supplied Located by supplier to within 100m	A3SW (S)	1712	1	349900 240745
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Poultry Ltd 19/55/16/0106 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Well And Borehole Not Supplied Not Supplied Huntington Court Borehole (No.5); Status: Revoked; Lapsed Or Cancelled Not Supplied Located by supplier to within 100m	A6SW (SW)	1729	1	348720 241520
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Huntington Court Borehole No. 2 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A6SW (SW)	1768	1	348640 241580



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Huntington Court Borehole No. 2 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Hereford Racecourse & Golf Club 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A6SW (SW)	1768		348640 241580
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Huntington Court Borehole No. 2 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	A6SW (SW)	1768	1	348640 241580
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Huntington Court Borehole No. 2 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 1st September 1971 Not Supplied	A6SW (SW)	1768	1	348640 241580
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Huntington Court Borehole No. 2 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Hereford Racecourse & Golf Club 01 April 30 September 1st September 1971 Not Supplied Located by supplier to within 10m	A6SW (SW)	1768	1	34864(241580

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0107 103 Kingsacre Well (No.4) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A1NW (SW)	1776	ì	348780 241350
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0107 103 Kingsacre Well (No.4) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A1NW (SW)	1776	1	348780 241350
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0107 101 Kingsacre Well (No.4) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A1NW (SW)	1776	1	348780 2 4 1350
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised End; Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0107 101 Kingsacre Well (No.4) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied O1 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A1NW (SW)	1776	1	348780 241350



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0107 100 Kingsacre Well (No.4) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 22nd May 1995 Not Supplied Located by supplier to within 10m	A1NW (SW)	1776	ì	348780 241350
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0107 100 Kingsacre Well (No.4) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 22nd May 1995 Not Supplied Located by supplier to within 10m	A1NW (SW)	1780	1	348780 241345
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Herefordshire Council 19/55/16/0111 102 Borehole At Merton Meadow Environment Agency, Welsh Region Transport: General Washing/Process Washing Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 24th July 2008 Not Supplied Located by supplier to within 10m	(SE)	1888	1	350960 2 4 0710
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Herefordshire Council 19/55/16/0111 101 Borehole At Merton Meadow Environment Agency, Welsh Region Transport: General Washing/Process Washing Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 1st April 2000 Not Supplied Located by supplier to within 10m	(SE)	1888	1	350960 240710



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0107 103 Gravel Aquifer Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from any point within an area Groundwater Not Supplied Not Supplied Not Supplied 10 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A1NW (SW)	1900	ì	348600 241390
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0107 103 Gravel Aquifer Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from any point within an area Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A1NW (SW)	1900	1	348600 241390
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0107 101 Gravel Aquifer Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from any point within an area Groundwater Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A1NW (SW)	1900	1	348600 241390
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0107 101 Gravel Aquifer Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from any point within an area Groundwater Not Supplied Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A1NW (SW)	1900	1	348600 241390



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0107 100 Gravel Aquifer Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from any point within an area Groundwater Not Supplied Not Supplied Kingsacre Well (No.1); Status: Revoked; Lapsed Or Cancelled 01 January 31 December 22nd May 1995 Not Supplied Located by supplier to within 10m	A1NW (SW)	1900	j	348600 241390
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0107 100 Gravel Aquifer Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from any point within an area Groundwater Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 22nd May 1995 Not Supplied Located by supplier to within 10m	A1NW (SW)	1900	1	348600 241390
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0107 103 Kingsacre Well (No.3) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A1NW (SW)	1906	1	348600 241380
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0107 103 Kingsacre Well (No.3) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A1NW (SW)	1906	1	34860C 24138C



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0107 101 Kingsacre Well (No.3) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A1NW (SW)	1906	j	348600 241380
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0107 101 Kingsacre Well (No.3) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A1NW (SW)	1906	1	348600 241380
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0107 100 Kingsacre Well (No.3) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 22nd May 1995 Not Supplied Located by supplier to within 10m	A1NW (SW)	1906	1	348600 2 4 1380
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End; Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0107 100 Kingsacre Well (No.3) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 22nd May 1995 Not Supplied Located by supplier to within 10m	A1NW (SW)	1908	1	348600 241375



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0107 103 Kingsacre Well (No.5) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A1NW (SW)	1938	i	348710 241180
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0107 103 Kingsacre Well (No.5) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 23rd November 2009 Not Supplied Located by supplier to within 10m	A1NW (SW)	1938	1	348710 241180
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0107 101 Kingsacre Well (No.5) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A1NW (SW)	1938	î	348710 2 4 1180
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0107 101 Kingsacre Well (No.5) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Not Supplied 01 January 31 December 3rd July 2003 Not Supplied Located by supplier to within 10m	A1NW (SW)	1938	1	348710 241180



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0107 100 Kingsacre Well (No.5) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 22nd May 1995 Not Supplied Located by supplier to within 10m	A1NW (SW)	1938	ì	348710 241180
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0107 100 Kingsacre Well (No.5) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 22nd May 1995 Not Supplied Located by supplier to within 10m	A1NW (SW)	1941	1	348710 241175
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Huntington Court Borehole No. 1 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	(SW)	1960	i	348410 241610
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End; Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Huntington Court Borehole No. 1 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate. 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	(SW)	1960	1	348410 241610



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Huntington Court Borehole No. 1 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Hereford Racecourse & Golf Club 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	(SW)	1960	i	348410 241610
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 101 Huntington Court Borehole No. 1 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Factory At Westfield Trading Estate 01 January 31 December 23rd April 2009 Not Supplied Located by supplier to within 10m	(SW)	1960	1	348410 241610
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Huntington Court Borehole No. 1 Environment Agency, Welsh Region Food And Drink: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Hereford Racecourse & Golf Club 01 April 30 September 1st September 1971 Not Supplied Located by supplier to within 10m	(SW)	1960	1	348410 241610
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Foods Ltd 19/55/16/0094 100 Huntington Court Borehole No. 1 Environment Agency, Welsh Region Food And Drink: General Use (Medium Loss) Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Factory At Westfield Trading Estate. 01 January 31 December 1st September 1971 Not Supplied Located by supplier to within 10m	(SW)	1960	1	348410 241610



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Sun Valley Poultry Ltd 19/55/16/0106 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Well And Borehole Not Supplied Not Supplied Huntington Court Borehole (No.6); Status: Revoked; Lapsed Or Cancelled Not Supplied	(SW)	1964	ì	348400 241620
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Well (No.15) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 23rd November 2009 Not Supplied	(S)	1991	1	350370 240450
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Heineken Uk Ltd 19/55/16/0066 103 Moorfield Well (No.15) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Not Supplied 10 January 31 December 23rd November 2009 Not Supplied	(S)	1991	1	350370 240450
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Scottish Courage Limited 19/55/16/0066 101 Moorfield Well (No.15) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Not Supplied 10 January 21 December 3rd July 2003 Not Supplied Located by supplier to within 10m	(S)	1991	1	350370 240450



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C L		Details	(Compass Direction)	Distance From Site	Contact	NGR
L A A S S C Y C A A A F F		Scottish Courage Limited 19/55/16/0066 101 Moorfield Well (No.15) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Not Supplied 101 January 11 December 11 January 12 December 13 July 2003 Not Supplied Located by supplier to within 10m	(\$)	1991	i	35037(240450
C LL FF L A A A A A A A A A A A A A A A A	AGAMMA TINI AT AN ATTO	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Well (No.15) Environment Agency, Welsh Region Breweries/Wine: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 4th November 1993 Not Supplied Located by supplier to within 10m	(S)	1991	1	350370 240450
C LL FF LL AA AA S C L AA AA S C L AA A	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H P Bulmer & Co Ltd 19/55/16/0066 100 Moorfield Well (No.15) Environment Agency, Welsh Region Breweries/Wine: Non-Evaporative Cooling Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Licenced from 01-Jan to 31-Dec 01 January 31 December 4th November 1993 Not Supplied Located by supplier to within 10m	(S)	1996	Î	35037/ 24044
S	Groundwater Vulner Soil Classification: Map Sheet: Scale:	rability Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Sheet 29 Worcestershire 1:100,000	A13NE (N)	0	1	35018 24243
	Drift Deposits None				3	
	Bedrock Aquifer De		generates:	390	2-	250,000
S	Aquifer Desination: Superficial Aquifer I No Data Available	Secondary Aquifer - A Designations	A13NE (N)	0	3	35018i 24243:
T	Extreme Flooding fr Type: Flood Plain Type: Boundary Accuracy:	om Rivers or Sea without Defences Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	A13SE (S)	169	1	35022 24226
Ī	Flooding from River Type: Flood Plain Type: Boundary Accuracy:	s or Sea without Defences Extent of Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	A13SE (S)	168	1	35021 24226



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Water Storage Areas				
	None				
	Flood Defences				
	None				

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Waste

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage					
	Name:	Herefordshire Council - Has not been able to supply Landfill data		0	8	350188 242432

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Hazardous Substances

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Control of Major Ac	cident Hazards Sites (COMAH)				
16	Name: Location: Reference: Type: Status: Positional Accuracy:	Special Metals Wiggin Ltd Holmer Road, Hereford, HR4 9SL Not Supplied Lower Tier Active Automatically positioned to the address	A9NE (SE)	896	4	350881 241865
	Planning Hazardous	s Substance Consents				
17	Name: Location: Authority: Application Ref: Hazardous Substance: Maximum Quantity: Application date: Decision: Positional Accuracy:	Special Metals Wiggin Ltd Holmer Road, Hereford, Hr4 9sl Herefordshire Council, Minerals and Waste Department Ce/2001/2698/Z Combination of Dangerous Substances 116 16th October 2001 New application granted conditionally	A9NE (SE)	889	5	350864 241855
	Planning Hazardous	s Substance Consents				
17	Name: Location: Authority: Application Ref: Hazardous Substance: Maximum Quantity: Application date: Decision:	Special Metals Wiggin Ltd Holmer Road, Hereford, Hr4 9sl Herefordshire Council, Minerals and Waste Department Ce2005/1470/Z Unknown at time of report 57 29th April 2005 Deemed Consent GrantedGranted	A9NE (SE)	896	5	350881 241864
		Manually positioned to the address or location				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid	d Geology				
	Description:	Lower Old Red Sandstone, including Downtonian	A13NE (N)	0	3	350188 242432
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A13NE (N)	0	6	350188 242432
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A13NW (NW)	7	6	350184 24243
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A13SE (S)	149	6	350225 242286
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A13NW (W)	189	6	350000 242432
	BGS Estimated Soil	Chemistry	7			
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A13SW (SW)	210	6	35000 24234
	BGS Estimated Soil	Chemistry			8 ·	
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A13SW (SW)	222	6	35000i 24231:



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil		the distinctions	97000000		25,000,000
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A13NW (W)	223	6	349969 242470
	Concentration:	Chamista				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A13SW (SW)	289	6	350026 242194
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 30 mg/kg	A13SW (SW)	312	6	350000 242184
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A13SW (SW)	331	6	350052 242131
	BGS Estimated Soil	Chemistry	W-104-7710-1710	ert dentages (C)		
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A13NW (NW)	335	6	349967 242683
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A13SW (SW)	365	6	350000 242120





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A8NW (SW)	404	6	350000 242075
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A18SW (NW)	420	6	350000 242806
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 30 mg/kg	A8NE (S)	433	6	350188 242000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A8NW (S)	461	6	350029 242000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A12SE (SW)	469	6	349772 242216
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A8NW (SW)	472	6	350000 242000





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A8NW (SW)	497	6	349944 242000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A18SE (N)	505	6	350235 242934
	BGS Estimated Soil	Chemistry		200 - 15 Oca		
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 30 mg/kg	A8NW (SW)	524	6	349893 242000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A12SE (SW)	537	6	349704 242201
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A14NW (E)	545	6	350726 242516
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A14NW (E)	546	6	350693 242640



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chamietry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A7NE (SW)	557	6	349837 242000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A14NW (E)	557	6	350733 242547
	BGS Estimated Soil	Chemistry			1	
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A14NW (E)	566	6	350728 242600
	BCS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A18SE (N)	568	6	350188 243000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A18SW (N)	569	6	350170 243000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A14NW (E)	574	6	350728 242627





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A14NW (E)	584	6	350769 242486
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A18SW (N)	599	6	350000 243000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 30 mg/kg	A7NE (SW)	624	6	349739 242000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A14NW (E)	641	6	350822 242526
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A14NW (E)	643	6	350822 242538
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A14NW (E)	644	6	350828 242506





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A19SW (NE)	663	6	350529 243000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A14NW (E)	668	6	350850 242523
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 30 mg/kg	A18NW (N)	681	6	350173 243112
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A18NE (N)	682	6	350197 243114
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A19SW (NE)	693	6	350601 242988
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A17SE (NW)	738	6	349812 243066





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A19SW (NE)	744	6	350549 243082
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A12NW (NW)	750	6	349497 242721
	BGS Estimated Soil	Chemistry		00.000.00		1,000,000,000,000
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 30 mg/kg	A19SW (NE)	762	6	350696 243000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A19SW (NE)	799	6	350749 243000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A14NE (E)	812	6	351000 242432
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A19SW (NE)	831	6	350794 243000





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A14NE (E)	831	6	351009 242560
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A19SW (NE)	847	6	350762 243054
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 30 mg/kg	A19SW (NE)	881	6	350786 243078
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A19SW (NE)	892	6	350776 243102
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A17SW (NW)	900	6	349490 243000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A19SE (NE)	919	6	350910 243000



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A9NE (SE)	920	6	351000 242000
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A12NW (W)	943	6	349248 242497
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 30 mg/kg	A19NW (NE)	954	6	350800 243163
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A8SW (S)	958	6	350000 241494
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <150 mg/kg 15 - 30 mg/kg	A12SW (W)	969	6	349251 242187
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A12NW (W)	981	6	349245 242702





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A12SW (W)	981	6	349229 242228
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A17SW (NW)	986	6	349383 243000
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A19SE (NE)	991	6	351000 243000
18	BGS Recorded Minimals Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Westfields , Homer Within, Hereford British Geological Survey, National Geoscience Information Service 44826 Opencast Ceased Unknown Operator Unknown Operator Silurian Raglan Mudstone Formation Sandstone Located by supplier to within 10m	A13SW (SW)	454	3	349861 242118
19	BGS Recorded Mine Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Three Elms , Hereford, Herefordshire British Geological Survey, National Geoscience Information Service 5644 Opencast Ceased Unknown Operator Unknown Operator Silurian Raglan Mudstone Formation Sandstone Located by supplier to within 10m	A7NW (SW)	785	3	349506 242044
	BGS Measured Urb No data available BGS Urban Soil Ch	an Soil Chemistry			3	
	13/4 Sheri (\$6000000)	ed Areas not be affected by coal mining reas of Great Britain Highly Unlikely British Geological Survey, National Geoscience Information Service	A13NE (N)	0	3	350188 242432
	Non Coal Mining Ar Risk: Source:	reas of Great Britain Highly Unlikely British Geological Survey, National Geoscience Information Service	A13NW (W)	189	3	350000 242432



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
		osible Ground Stability Hazards	23/24/02/	120	2	
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A13NE (N)	0	3	350188 242432
	Potential for Collar Hazard Potential: Source:	osible Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	A13SE (S)	148	3	350225 242289
	Potential for Collar Hazard Potential: Source:	osible Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	A13NW (W)	189	3	35000 24243
	Potential for Collap Hazard Potential:	osible Ground Stability Hazards No Hazard	A13NW	223	3	34996
	Hazard Potential:	British Geological Survey, National Geoscience Information Service pressible Ground Stability Hazards No Hazard British Contained Survey National Geoscience Information Service	(W)	0	3	24247 35018
	Potential for Comp Hazard Potential: Source:	British Geological Survey, National Geoscience Information Service bressible Ground Stability Hazards Moderate British Geological Survey, National Geoscience Information Service	(N) A13SE (S)	148	3	35022 24228
		oressible Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	A13NW (W)	189	3	35000 24243
	Potential for Comp Hazard Potential: Source:	ressible Ground Stability Hazards Moderate British Geological Survey, National Geoscience Information Service	A13NW (W)	223	3	34996 24247
	No Hazard Potential for Lands Hazard Potential: Source:	slide Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	A13NE (N)	o	3	35018 24243
	Potential for Lands Hazard Potential: Source:	Slide Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	A13NW (W)	189	3	35000 24243
	Potential for Runn Hazard Potential: Source:	ing Sand Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	A13NE (N)	0	3	35018 24243
	Potential for Runn Hazard Potential: Source:	ing Sand Ground Stability Hazards Low British Geological Survey, National Geoscience Information Service	A13SE (S)	148	3	35022 24228
	Potential for Runn Hazard Potential: Source:	ing Sand Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	A13NW (W)	189	3	35000 24243
	Potential for Runn Hazard Potential: Source:	ing Sand Ground Stability Hazards Low British Geological Survey, National Geoscience Information Service	A13NW (W)	223	3	34996 24247
	Potential for Shrin Hazard Potential: Source:	king or Swelling Clay Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	A13NE (N)	0	3	35018 24243
	Potential for Shrin Hazard Potential: Source:	king or Swelling Clay Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	A13NW (NW)	8	3	35018 24243
	Potential for Shrin Hazard Potential: Source:	king or Swelling Clay Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	A13NW (W)	189	3	35000 24243
	Potential for Shrin Hazard Potential: Source:	king or Swelling Clay Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	A13SW (SW)	210	3	35000 24234
		Radon Protection Measures : No radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	A13NE (N)	0	3	35018 24243



Geological

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential	- Radon Affected Areas				
	Affected Area:	The property is in a radon affected area, as between 1 and 3% of homes are above the action level	A13NE (N)	0	3	350188 242432
	Source:	British Geological Survey, National Geoscience Information Service				

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Len Higgins White Gates, Holmer, Hereford, HR4 9RG Road Haulage Services Inactive Automatically positioned to the address	A14NW (E)	372	-	350560 242440
21	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Stove Tech The Foregates, Holmer, Hereford, Herefordshire, HR4 9RJ Woodburning Stoves Active Manually positioned to the address or location	A14SW (E)	472	×I	350631 242269
22	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Borders Independent Living 20, Glenthorne Road, Hereford, HR4 9RW Disability Equipment - Manufacturers & Suppliers Inactive Automatically positioned to the address	A8NE (SE)	499	ā	350467 242019
23	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries T & H Engineering Unit B, Magnis Works, Roman Road, Bobblestock, Hereford, HR4 9QR Engineers - General Inactive Automatically positioned to the address	A12NE (W)	541		349648 242453
24	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Gloucester Contractors Uk Ltd The Orchard, Lyde, Hereford, HR4 8AA Manufacturers Active Automatically positioned to the address	A19SW (NE)	570		350582 242843
25	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Rapid Packaging Supplies Ltd Attwood La, Holmer, Hereford, HR1 1LJ Pallets, Crates & Packing Cases Inactive Manually positioned to the road within the address or location	A14SE (E)	737	ā	350915 242311
26	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Damp Proofing Co 2, Lyde Street, Hereford, HR4 9PH Timber Preservation Services Inactive Automatically positioned to the address	A7NE (SW)	760	=	349670 241877
27	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Twang (Western) Ltd Unit 10, Aydon Industrial Park, Holmer Road, Hereford, HR4 9UN Record, Tape & CD Manufacturers & Wholesalers Inactive Automatically positioned to the address	A9NW (SE)	769	В	350663 241828
27	Contemporary Trad Name: Location: Classification: Status:	55.55	A9NW (SE)	772	E	350667 241827
27	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Re Directory Entries Key Electronics Unit 8, Aydon Industrial Park, Holmer Road, Hereford, Herefordshire, HR4 9UN Domestic Appliances - Servicing, Repairs & Parts Inactive Automatically positioned to the address	A9NW (SE)	776	-	350673 241827
27	Contemporary Trad Name: Location: Classification: Status:	7 July AP 109 W8	A9NW (SE)	785	-	350687 2 4 1826



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
27	Name: Location: Classification: Status: Positional Accuracy:	Grind & Shine Unit 5,Aydon Ind Pk,Holmer Rd, Hereford, Herefordshire, HR4 9UN Alloys Active Manually positioned to the address or location	A9NW (SE)	791	-	350694 241824
	Contemporary Trad	e Directory Entries				
27	Name: Location: Classification: Status: Positional Accuracy:	Wessex Citroen Holmer Road, Hereford, HR4 9UP Car Dealers Inactive Automatically positioned to the address	A9NW (SE)	812	¥1	350676 241783
	Contemporary Trad					
27	Name: Location: Classification: Status: Positional Accuracy:	Wessex Nissan Holmer Road, Hereford, HR4 9UP Car Dealers Inactive Automatically positioned to the address	A9NW (SE)	812		350676 241783
	Contemporary Trad	e Directory Entries		2720 Ave. 44		Santher reserves as
27	Name: Location: Classification:	Hollowood Autofix Unit 11, Aydon Industrial Park, Holmer Road, Hereford, Herefordshire, HR4 9UN Garage Services	A9NW (SE)	812	9	350676 241783
	Status: Positional Accuracy:	Active Manually positioned to the address or location				
	Contemporary Trad	1.5% P. 128 P.				
27	Name: Location: Classification: Status:	Aromax Unit 1, Aydon Industrial Park, Holmer Road, Hereford, HR4 9UN Chemicals & Allied Products Inactive Automatically positioned to the address	A9NW (SE)	815	-	350695 241794
	Contemporary Trad					
27	Name: Location:	T M Factors Unit 1, Aydon Industrial Park, Holmer Road, Hereford, Herefordshire, HR4 9UN	A9NW (SE)	815		350695 241794
	Classification: Status: Positional Accuracy:	Commercial Vehicle Component Manufacturers Inactive Automatically positioned to the address				
	Contemporary Trad	e Directory Entries				
28	Name: Location: Classification: Status: Positional Accuracy:	Wessex Garages Hereford Times House, Holmer Road, Hereford, HR4 9UJ Car Dealers Inactive Automatically positioned to the address	A9NW (SE)	774	E	350746 241897
	Contemporary Trad					
28	Name: Location: Classification: Status:	Wessex Garages Hereford Times House, Holmer Road, Hereford, Herefordshire, HR4 9UJ Car Dealers Inactive Manually positioned to the address or location	A9NW (SE)	774	=	350746 241897
	Contemporary Trad	e Directory Entries				
29	Name: Location: Classification: Status: Positional Accuracy:	Dulux 52, Holmer Road, Hereford, Herefordshire, HR4 9BD Painting & Decorating Supplies Active Automatically positioned to the address	A9SW (SE)	827		350651 241747
	Contemporary Trad	85.00				
30	Name: Location: Classification: Status:	Westfields Garage 37, Westfield Street, Hereford, HR4 9PJ Garage Services Active Automatically positioned to the address	A7NE (SW)	838	Ξ	349597 241840
	Contemporary Trad					
31	Name: Location: Classification: Status:	T W Jones Pamona Works, Attwood Lane, Holmer, Hereford, Herefordshire, HR1 1LJ Sand, Gravel & Other Aggregates Active Automatically positioned to the address	A14SE (E)	868	-	351056 242421



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
32	Name: Location: Classification: Status: Positional Accuracy:	Special Metals Wiggin Ltd Holmer Road, Hereford, HR4 9SL Engineers - General Inactive Automatically positioned to the address	A9NE (SE)	896	-	350881 241865
	Contemporary Trad	e Directory Entries				
32	Name: Location: Classification: Status: Positional Accuracy:	Special Metals Services (Uk) Holmer Road, Hereford, Herefordshire, HR4 9SL Alloys Inactive Automatically positioned to the address	A9NE (SE)	896	*	350881 241865
	Fuel Station Entries	•				
33	Name: Location: Brand: Premises Type: Status: Positional Accuracy:	Edwards Black Saddlery Holmer Road, Holmer, HEREFORD, Herefordshire, HR4 9R Obsolete Not Applicable Obsolete Located by supplier to within 100m	A14SW (SE)	479	5	350600 242188

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Sensitive Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nitrate Vulneral	ole Zones				
34	Name: Description: Source:	Not Supplied NVZ Area Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A13NE (N)	0	7	350188 242432

Order Number: 45720108_1_1 Date: 25-Apr-2013 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 67 of 73



Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Herefordshire Council - Environmental Health Department	March 2013	Annual Rolling Update
Discharge Consents Environment Agency - Welsh Region	January 2013	Quarterly
Enforcement and Prohibition Notices Environment Agency - Midlands Region Environment Agency - Welsh Region	March 2013 March 2013	Quarterly Quarterly
Integrated Pollution Controls Environment Agency - Midlands Region Environment Agency - Welsh Region	October 2008 October 2008	Not Applicable Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Midlands Region Environment Agency - Welsh Region	January 2013 January 2013	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Herefordshire Council - Environmental Health Department	June 2012	Annual Rolling Update
Local Authority Pollution Prevention and Controls Herefordshire Council - Environmental Health Department	June 2012	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Herefordshire Council - Environmental Health Department	June 2012	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Midlands Region	March 2013	Monthly
Prosecutions Relating to Controlled Waters Environment Agency - Midlands Region	March 2013	Monthly
Registered Radioactive Substances Environment Agency - Midlands Region	January 2013	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area	January 2013 January 2013	Quarterly Quarterly
Water Abstractions Environment Agency - Welsh Region	January 2013	Quarterly
Water Industry Act Referrals Environment Agency - Midlands Region	January 2013	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually

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Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	January 2013	Quarterly
Extreme Flooding from Rivers or Sea without Defences	outlany 2010	gaarony
Environment Agency - Head Office	January 2013	Quarterly
Flooding from Rivers or Sea without Defences	20	
Environment Agency - Head Office	January 2013	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	January 2013	Quarterly
Flood Water Storage Areas	0010	
Environment Agency - Head Office	January 2013	Quarterly
Flood Defences	0040	0 1 1
Environment Agency - Head Office	January 2013	Quarterly
Waste	Version	Update Cycle
BGS Recorded Landfill Sites		270 270 25 2 LONG 2702
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites	92 20000000	
Environment Agency - Midlands Region - Upper Severn Area	January 2013	Quarterly
Environment Agency - Midlands Region - West Area	January 2013	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Midlands Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)	1 at 4000 to 000 pt the bit 10 mb or 10 mb or 10 mb	46. VAN 1750 185 175 175 175 175 175 175 175 175 175 17
Environment Agency - Midlands Region - Upper Severn Area	January 2013	Quarterly
Environment Agency - Midlands Region - West Area	January 2013	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Midlands Region - Upper Severn Area	January 2013	Quarterly
Environment Agency - Midlands Region - West Area	January 2013	Quarterly
Local Authority Landfill Coverage		
Herefordshire Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Herefordshire Council	May 2000	Not Applicable
Registered Landfill Sites	ATTROOPER AND SOMEWHAT	
Environment Agency - Midlands Region - Upper Severn Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Midlands Region - Upper Severn Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites	endorm soon hadden and	
Environment Agency - Midlands Region - Upper Severn Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	March 2013	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2013	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Herefordshire Council - Minerals and Waste Department	November 2012	Annual Rolling Updat
Planning Hazardous Substance Consents		
Herefordshire Council - Minerals and Waste Department	November 2012	Annual Rolling Update

Order Number: 45720108_1_1 Date: 25-Apr-2013 rpr_ec_datasheet v47.0 A Landmark Information Group Service



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Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	April 2013	Bi-Annually
Brine Compensation Area		
Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Mining Report Service	January 2012	As notified
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Landslide Ground Stability Hazards		Lagrange Translate in
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Radon Potential - Radon Affected Areas		Unit manufactures.
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries	15 20 20 20 20 20 20 20 20 20 20 20 20 20	4022 = 2 No
Thomson Directories	February 2013	Quarterly
Fuel Station Entries	95.7% 20	
Catalist Ltd - Experian	February 2013	Quarterly



Sensitive Land Use	Version	Update Cycle
Areas of Outstanding Natural Beauty		
Natural England	March 2013	Bi-Annually
Environmentally Sensitive Areas		
Natural England	February 2013	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	November 2012	Bi-Annually
Marine Nature Reserves		
Natural England	August 2012	Bi-Annually
National Nature Reserves		
Natural England	February 2013	Bi-Annually
National Parks		
Natural England	February 2013	Bi-Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2013	Annually
Ramsar Sites		
Natural England	February 2013	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2013	Bi-Annually
Special Areas of Conservation		
Natural England	February 2013	Bi-Annually
Special Protection Areas		
Natural England	February 2013	Bi-Annually

Order Number: 45720108_1_1 Date: 25-Apr-2013 rpr_ec_datasheet v47.0 A Landmark Information Group Service



Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Ordnance Survey*
Environment Agency	Environment
Scottish Environment Protection Agency	SEP Seattly Environment Protection Agency
The Coal Authority	COAL AUTHORITY
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Countryside Council for Wales	CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 呼公司
Natural England	NATURAL ENGLAND
Health Protection Agency	Health Protection Figures 9
Ove Arup	ARUP
Peter Brett Associates	peterbrett

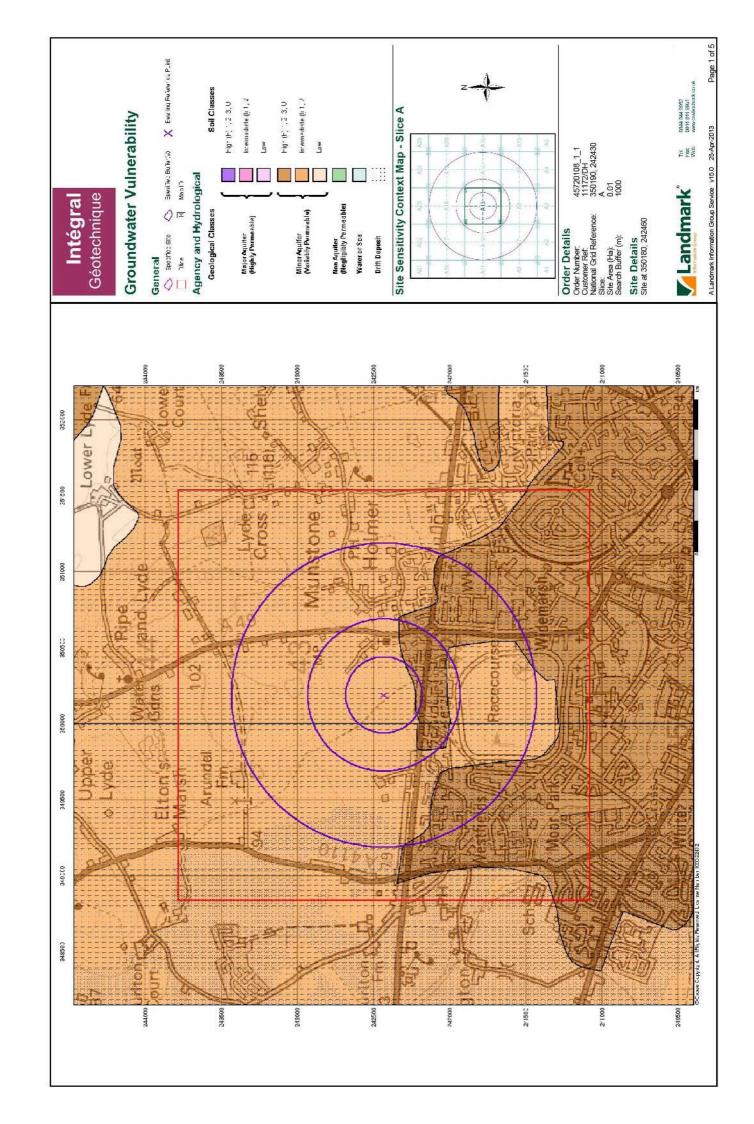


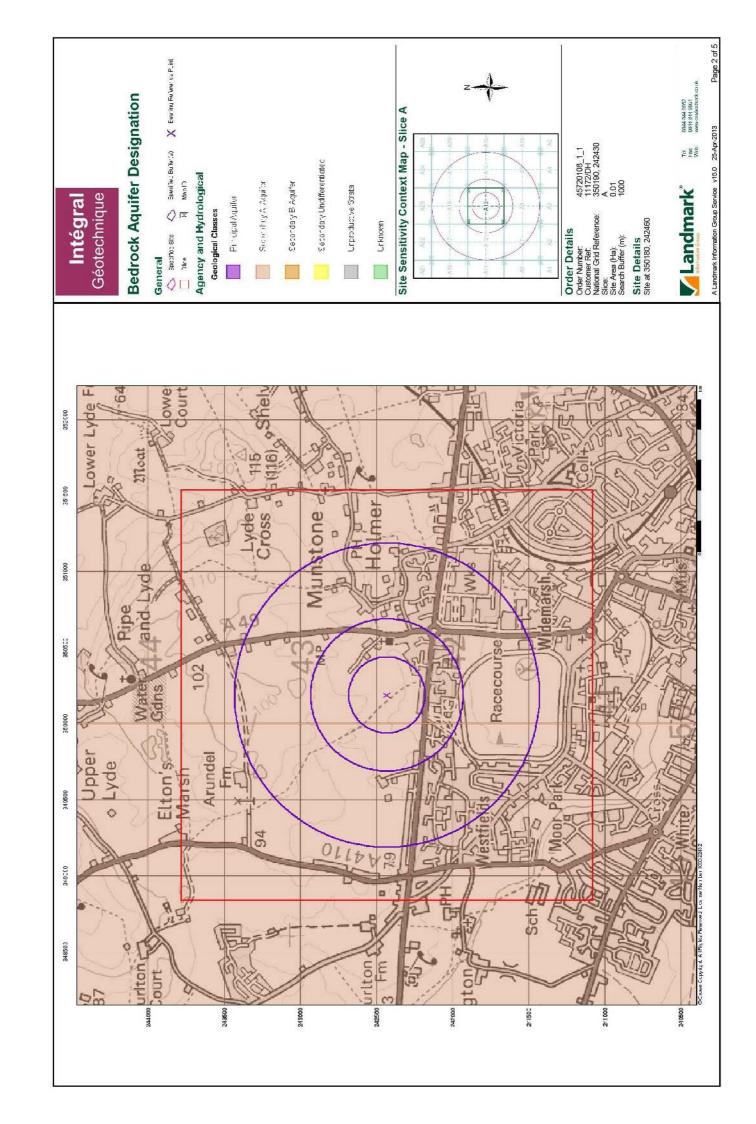
Useful Contacts

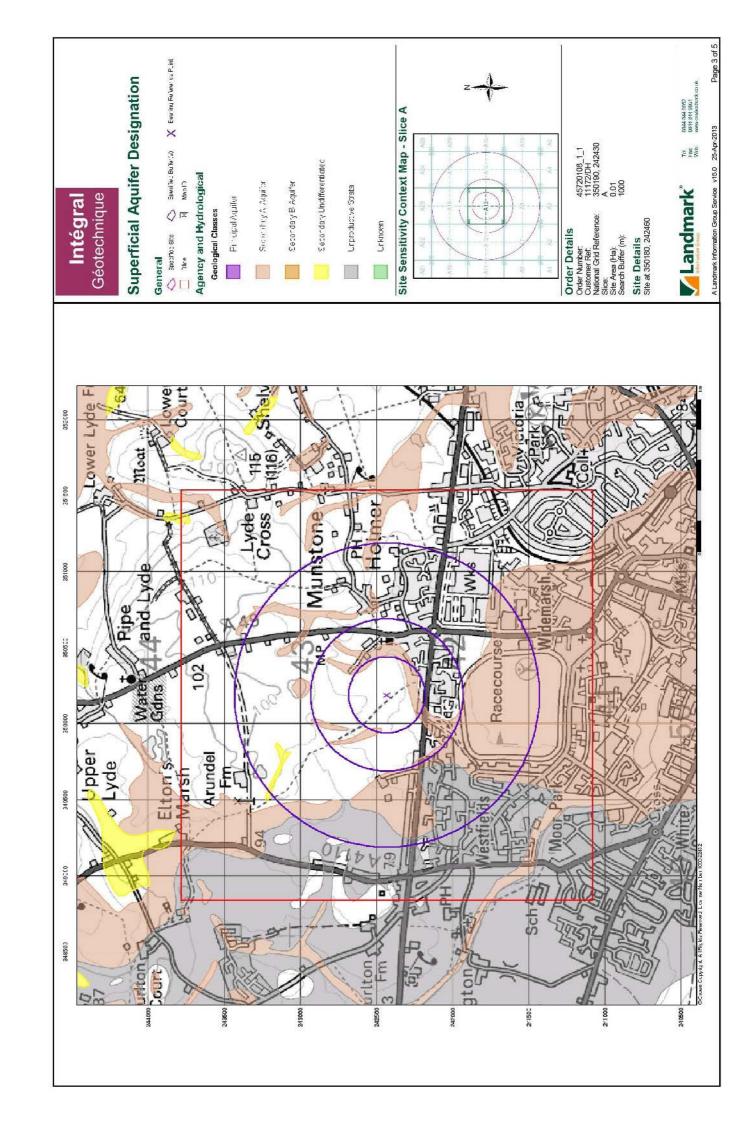
Page 73 of 73

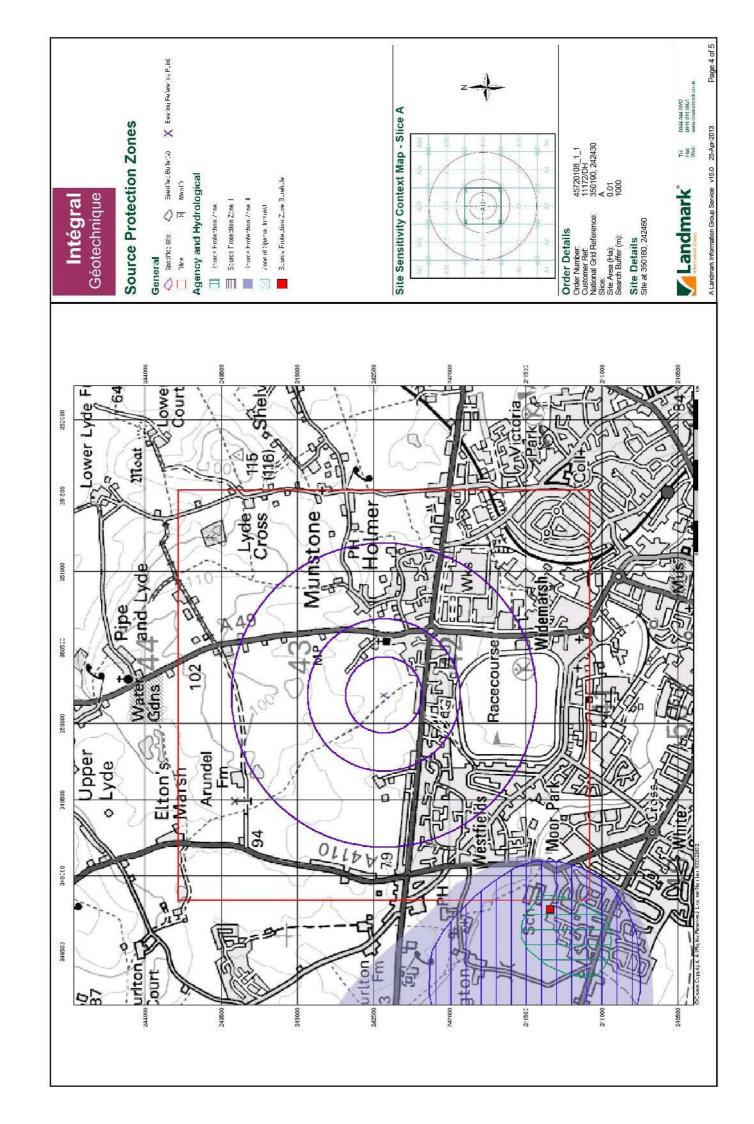
Contact	Name and Address	Contact Details	
1	Environment Agency - National Customer Contact Centre (NCCC)	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk	
	PO Box 544, Templeborough, Rotherham, S60 1BY		
2	Herefordshire Council - Environmental Health Department	Telephone: 01432 265533 Fax: 01432 260485 Website: www.herefordshire.gov.uk	
	Bath Street Offices, Hereford, Herefordshire, HR1 2ZF	Wester Www.Herelorderine.gov.uk	
3	British Geological Survey - Enquiry Service	Telephone: 0115 936 3143	
	British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk	
4	Health and Safety Executive	Website: www.hse.gov.uk	
	Explosives Inspectorate, 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS		
5	Herefordshire Council - Minerals and Waste Department	Telephone: 01432 260000 Website: www.herefordshire.gov.uk	
	PO BOX 230, Blueschool House, Blueschool Street, Hereford, Herefordshire, HR1 2ZB		
6	Landmark Information Group Limited	Telephone: 0844 844 9952	
	Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk	
7	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	Telephone: 0113 2613333 Fax: 0113 230 0879	
	Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT		
8	Herefordshire Council	Telephone: 01432 260000	
	Brockington, 35 Hafod Road, Hereford, Herefordshire, HR1 1SH	Website: www.herefordshire.gov.uk	
	Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards	Telephone: 01235 822622 Fax: 01235 833891	
	Chilton, Didcot, Oxfordshire, OX11 0RQ	Email: radon@hpa.org.uk Website: www.hpa.org.uk	
<u>.</u>	Landmark Information Group Limited	Telephone: 0844 844 9952 Fax: 0844 844 9951	
	Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk	

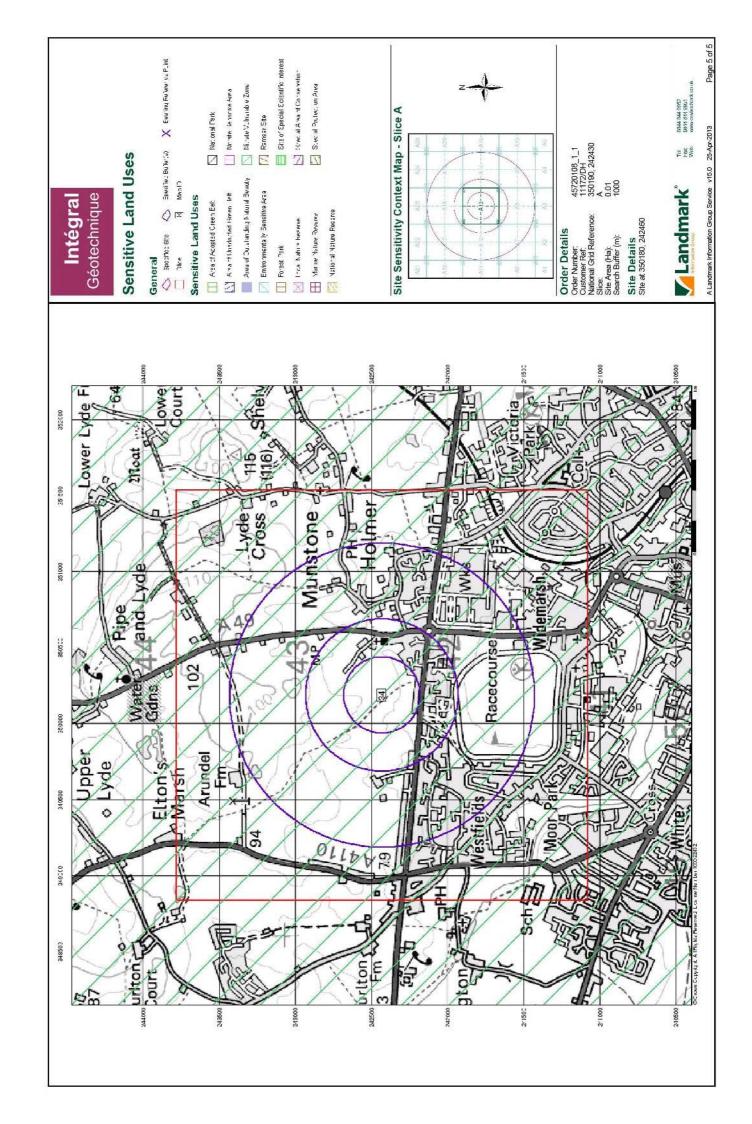
Please note that the Environment Agency / SEPA have a charging policy in place for enquiries.

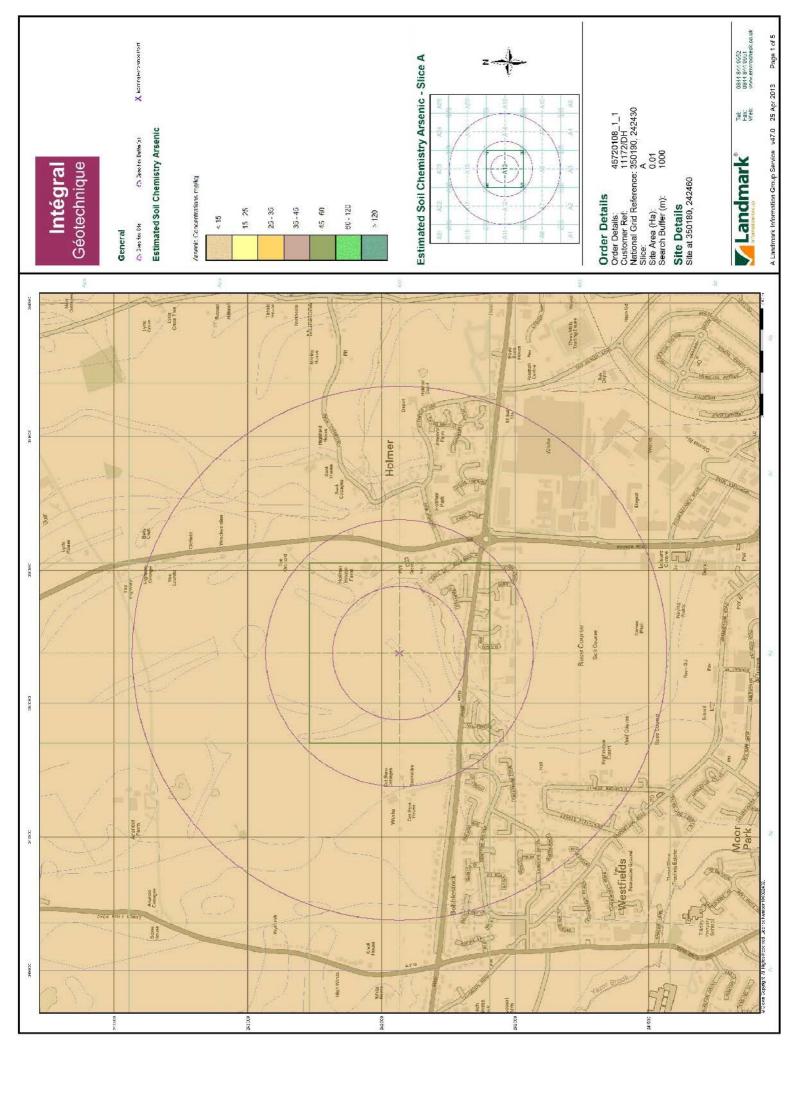


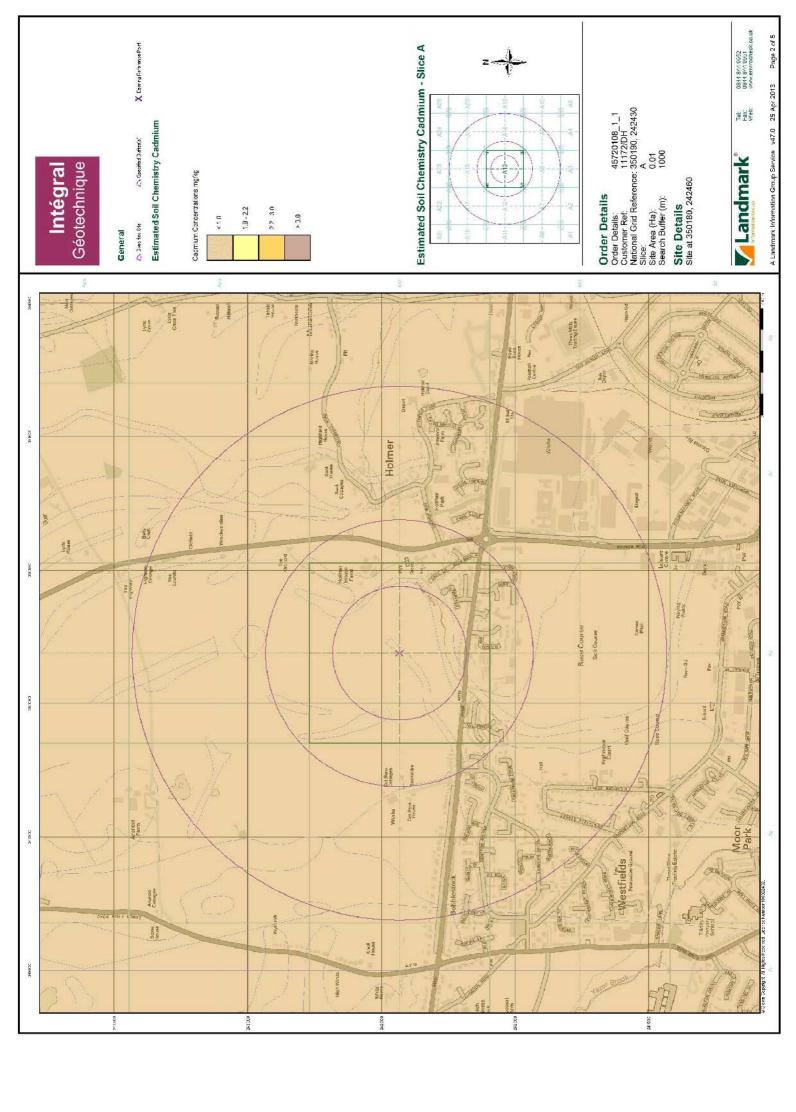


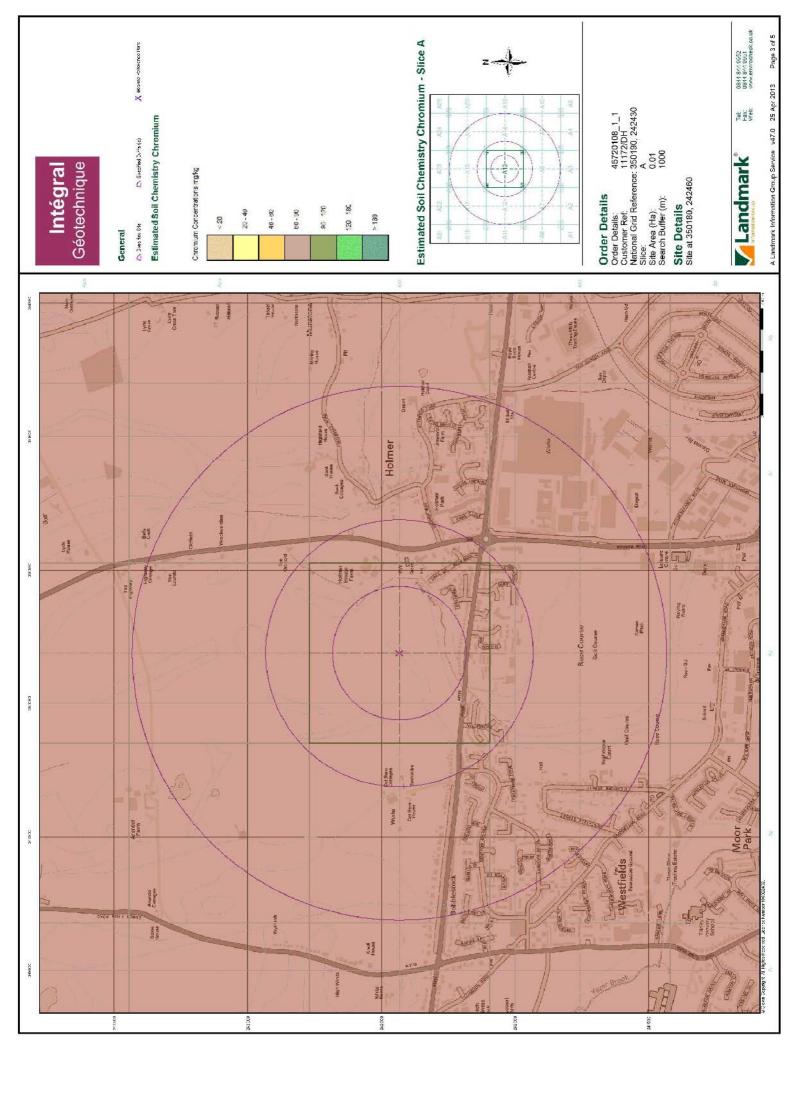


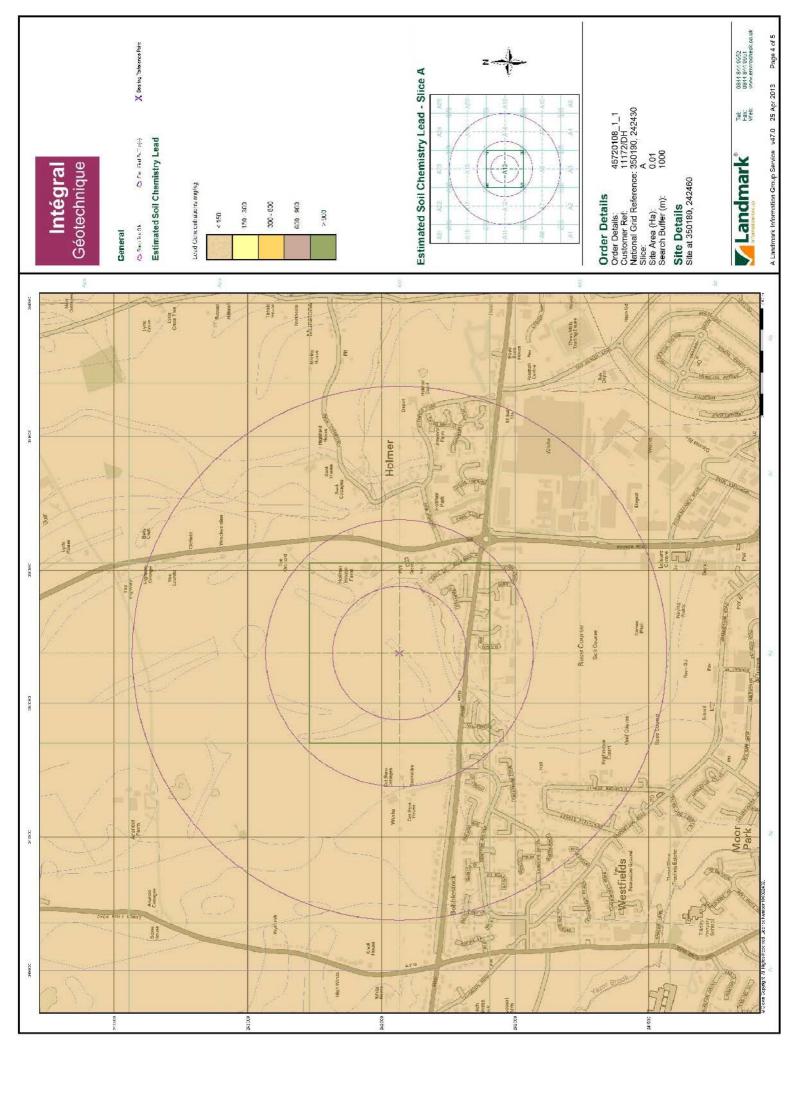


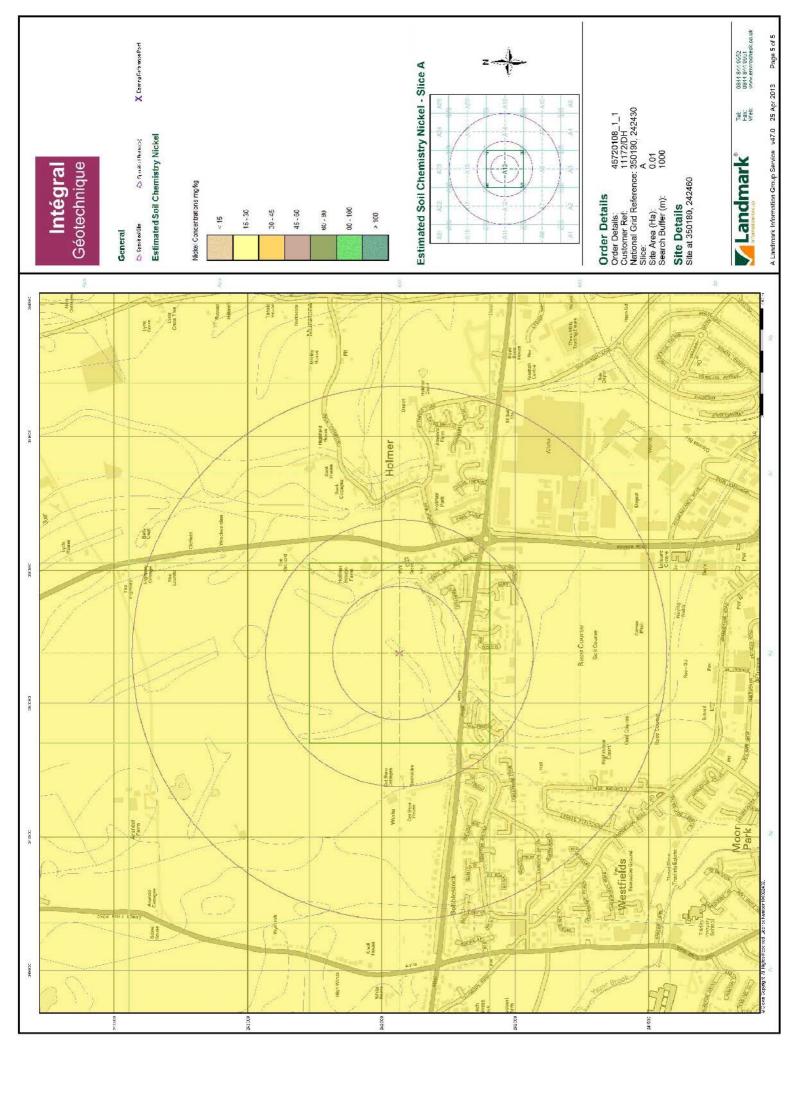


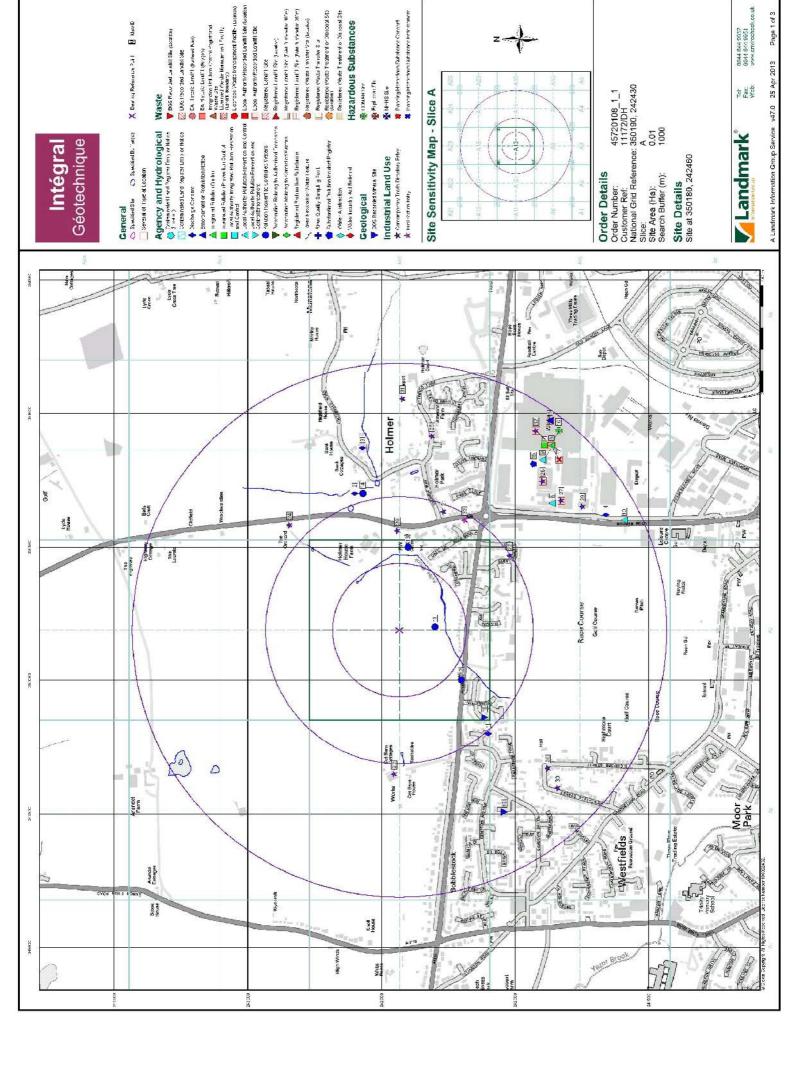


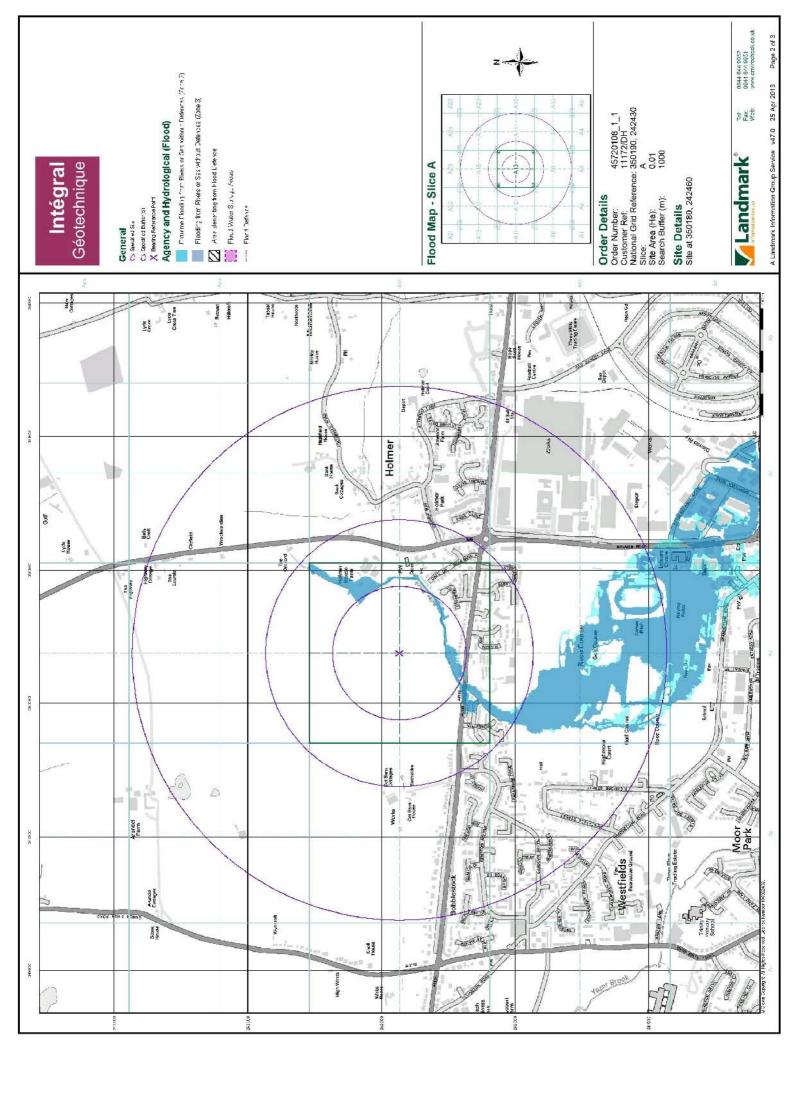


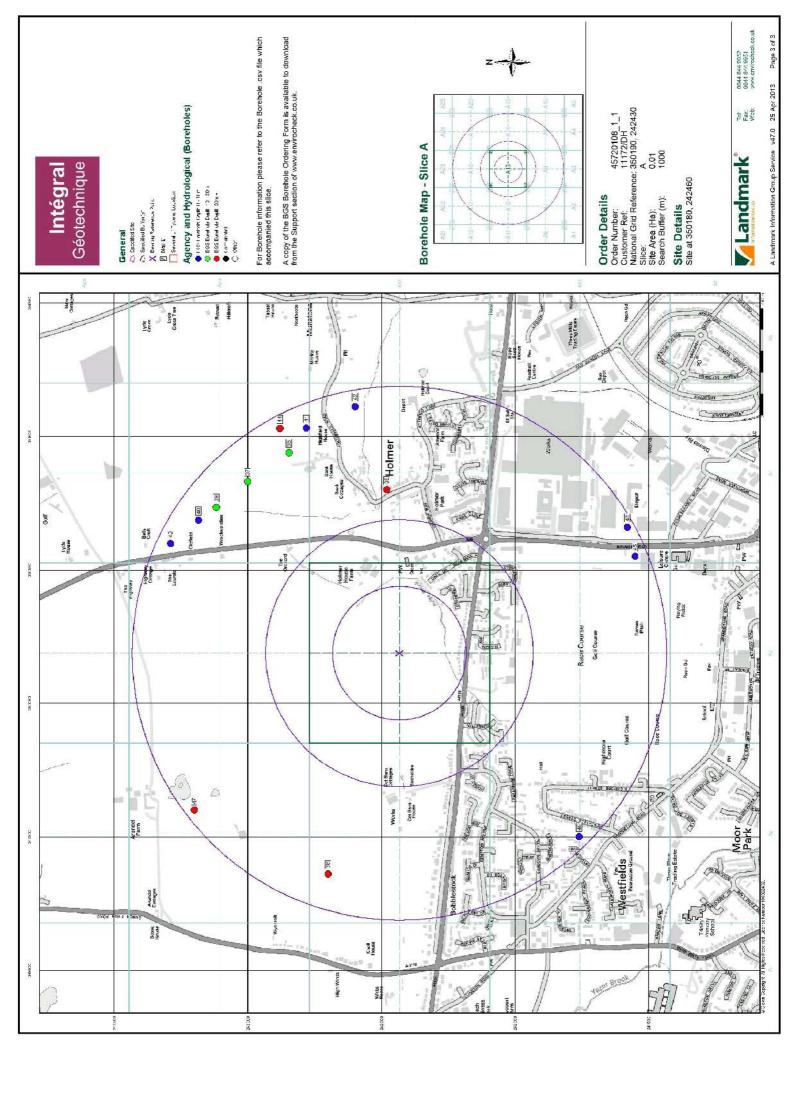


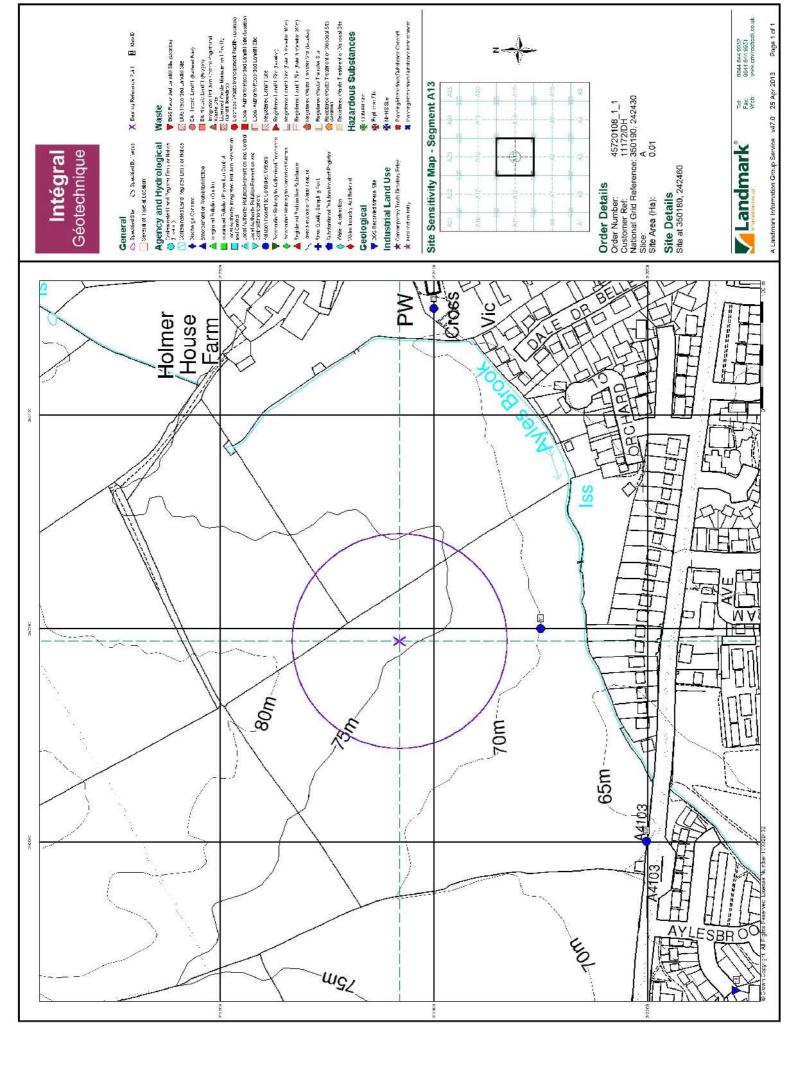












Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Marsh Street, Orchard 1 Other Pits Trigonometrical Station Fost Rough Pasture Brushwood Reeds Shingle Sand Deciduous Furze Arrow denotes flow of water Oslers Gravel Pit Mixed Wood

0.0000000000000000000000000000000000000	Bench Mark	Well, Spring, Boundary Post		B	Fenced Lin-Fanced
	÷	9		Instrumental Contour	Minor Roads
With the Control of t	Site of Antiquities	Pump, Guide Post, Signal Post	Surface Level	7	Fanced
	4		-285	Sketched Contour	Main Roads

	Fenced	Raised Road	Railway over River	Level Crossing
Contour	Minor Roads	and half half half has	***	1
A	Femes d Un-Femes	Sunken Road	Road over Railway	Railway over Road
Contaur	Main Roads	- April California	1	7
ŭ	Z	1/	T	1

1	7
Railway over Road	Road over River or Canal
The second	

Road over Stream

Road over Stream	County Boundary (Geographical)	County & Civil Parish Boundary	Administrative County & Civil Parish Boundary
<u>"</u>	1	į	+ + + + + +

	Rural District Boundary	Civil Parish Boundary
Co. Burgh Bdy.	RD Bay.	
	co.Burgh Bdy.	

Ordnance Survey Plan 1:10,000

Gravel Pit	Disused Pit or Quarry	Lake. Loch or Pond	Boulders	Non-Caniferous Trees	Wir Coppice	Grassland	Saltings		PLRS COL	Electricity Transmission Line
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			000	900	Serub	•	Reeds	Direction of Flow of Water	•	Pylon Pale
Chalk Pit, Clay Pit or Quamy	Sand Pit	Refuse or Slag Heap	Dunes	Coniferous Trees	00	en www. Heath	nV/v. Reeds		Glasshouse	Sloping Masonry
5 %		ନ୍ଧ	2		Orchard	Bracken	Marsh	Building	Glass	Slopin
			*	* *	<u>٠</u>	庄 년	1 1	(ě	X	

Cutting Embankment	ment 	Standard Gauge Multiple Track
		Multiple Track
// //		Standard Gauge
Road '' Road Lavel Under Orossing	rel Foot	Single Track Siding, Tramway
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		or Mineral Line

Multiple Track	Standard Gauge Single Track Siding, Tramway	or Mineral Line Narrow Gauge	
	Foot	I	
	ŭ n		
	Level	Ţ	Geographical County
	1 9	+	153
	1	+	ğ
	Road	+	660
i		+	
		+	1
7	를 가 하는 기계	+	1
	Road	1	Ť

ty Borough	Rural District	Borough, Burgh or County Constituency Sluven unly when not cuimadent with other boundaries	Civil Perieh Shevin altamately when collect dance of bounded as necus	Police Station	Post Office
ounty, Coun	gh, Urban or Council	or County C	Ann cale eld an	Pol Sta	2
Administrative County, County Borough or County of City.	Municipal Borough, Urban or Rural District. Burgh or District Council	Borough, Burgh or County Constituency Shown anly when not cuimadent with other boun	Civil Perieh Shaon altamately v	Boundary Post or Stone	
1	-	Ť	1	Bound	Church
1			1 1 1	BP. BS	5

Sta	ouse gine Station Idae		100000000000000000000000000000000000000
	ouse gine Station Id ae	2	Post Office
	gine Station	PC	Public Convenience
	dae	Ŧ	Public Hause
		88	Signal Box
	_	Spr	Spring
Guide Post	toat	TCB	Telephone Call Box
MP MILE POST	16	TCP	Telephone Call Post
MS Mile Stone	ē	×	Well

1:10,000 Raster Mapping

Historical Mapping & Photography included:

Géotechnique Intégral

Refuse tip or slag heap	Rock (scattered)	Boulders (scattered)	Mud	Sand Pit	Top of cliff	Underground detail	Narrow gauge railway	Single track railway	Civil. parish or community boundary	Constituency boundary
	t t	q : :			THE THE PERSON NAMED IN	1	† ‡		:	
Gravel Pit	Rock	Boulders	Shingle	Sand	Slopes	General detail	 Overhead detail 	Multi-track railway	County boundary (England only)	District, Unitary, Metropolitan, London Borough boundary
	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;			Pure S	*1717414*				2 3 4	1

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Scale Date
110,566 1885 -1887
110,566 1895
110,566 1893
110,566 1933
110,566 1933
110,000 1954
110,000 1973
110,000 1988 -1887
110,000 2012

Herefordshire
Ordnance Survey Plan
Ordnance Survey Plan
Ordnance Survey Plan
10K Raster Mapping

Mapping Type
Herefordshire
Herefordshire
Herefordshire
Herefordshire

	ΙΞ						ō	6្ន≥	8 8 8	i i
	Non-coniferous ্ৰত frees	Coniferous trees	Positioned tree	Coppice or Osiers	Heath	Marsh. Salt Marsh or Reeds	Flow arrows	Mean low water (springs)	Electricity transmission line (with poles)	Triangulation station
	00 00	**	G(અ અર	enths. 	THE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I	ŧ.	MLW(9)	•	∢
on modery.	Area of wooded vegetation	Non-conferous trees (scattered)	Coniferous trees (scattered)	Orchand	Rough Grassland	Scrub	Water feature	Mean high water (springs)	Telephone line (where shown)	Bench mark (where shown)
	**	G	**	् 0 0 0	off,	d d	8	MHWISI	•	+ 6M 123.45 m

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Sp.	V IS)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
NEW AGE	W. T.		Aff		F	

Order Details Order Number: 4572010B 1_1 Customer Ref. 11172/DH National Grid Reference: 350190, 242430 Silice: A Site Acas (Ha): 0.01 Search Buffer (m): 1000		
Order Number: 45720108 1_1 Customer Ref: 11172/DH National Grid Reference: 350190, 242430 Silice: A Site Area (Ha): 0.01 Search Buffer (m): 1000	Order Details	
Customer Ref. 11172/DH National Grid Reference: 350190, 242430 Slice: A Out Search Buffer (m): 1000	Order Number:	45720108 1 1
National Grid Reference: 350190, 242430 Slice: Site Area (Ha): 0.01 Search Buffer (m): 1000	Customer Ref:	11172/DH _
Sitce: A Site Area (Ha): 0.01 Search Buffer (m): 1000	National Grid Reference:	350190, 242430
200	Slice:	¥
	Site Area (Ha):	0.01
	Search Buffer (m):	1000



Site Details Site at 350180, 242460

Pylon, flare stack or lighting tower

Bench mark (where shown) Point feature (e.g. Guide Post or Mile Stone)

Glasshouse

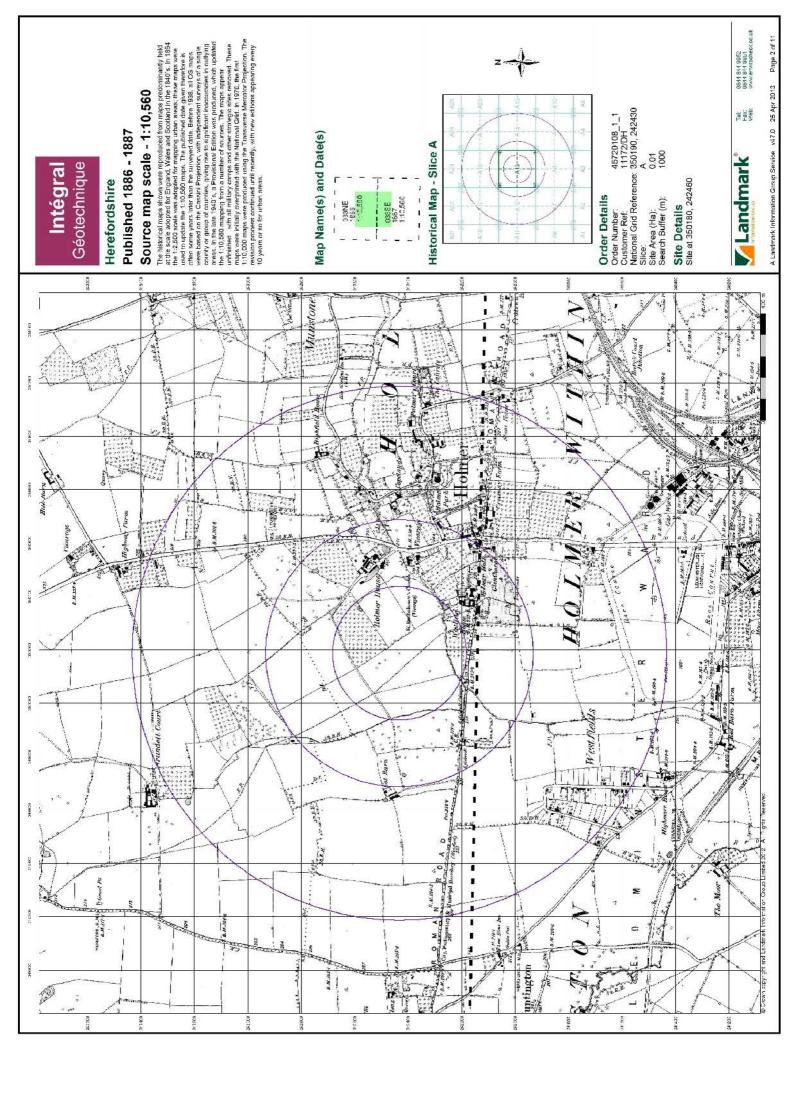
Site of (antiquity) General Building

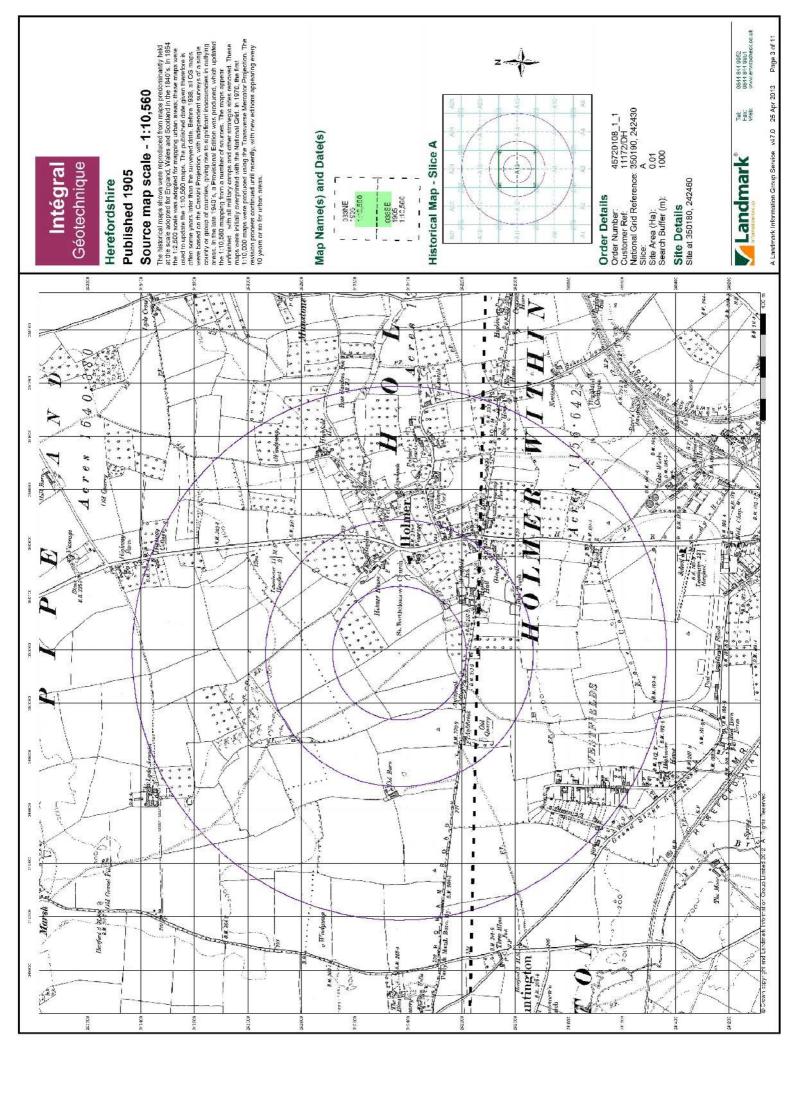
Important Building

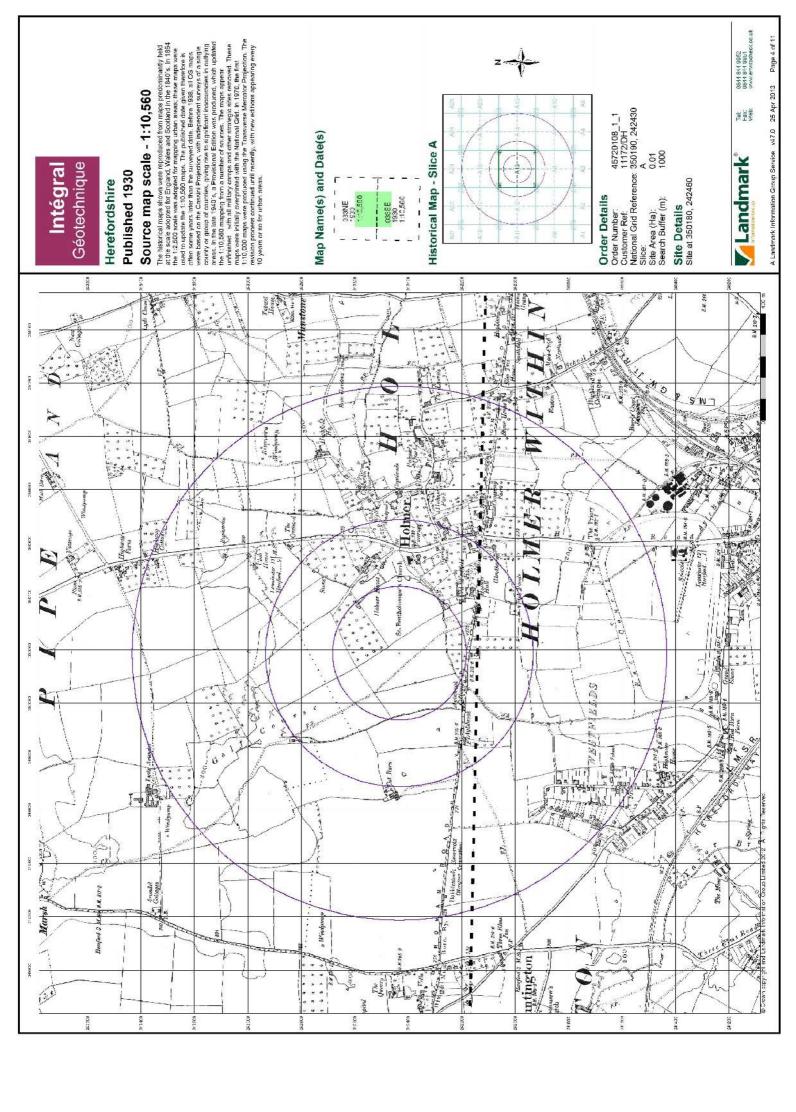
08/14 8/14 9952 08/14 8/14 93/01 www.envirocheck.co.uk

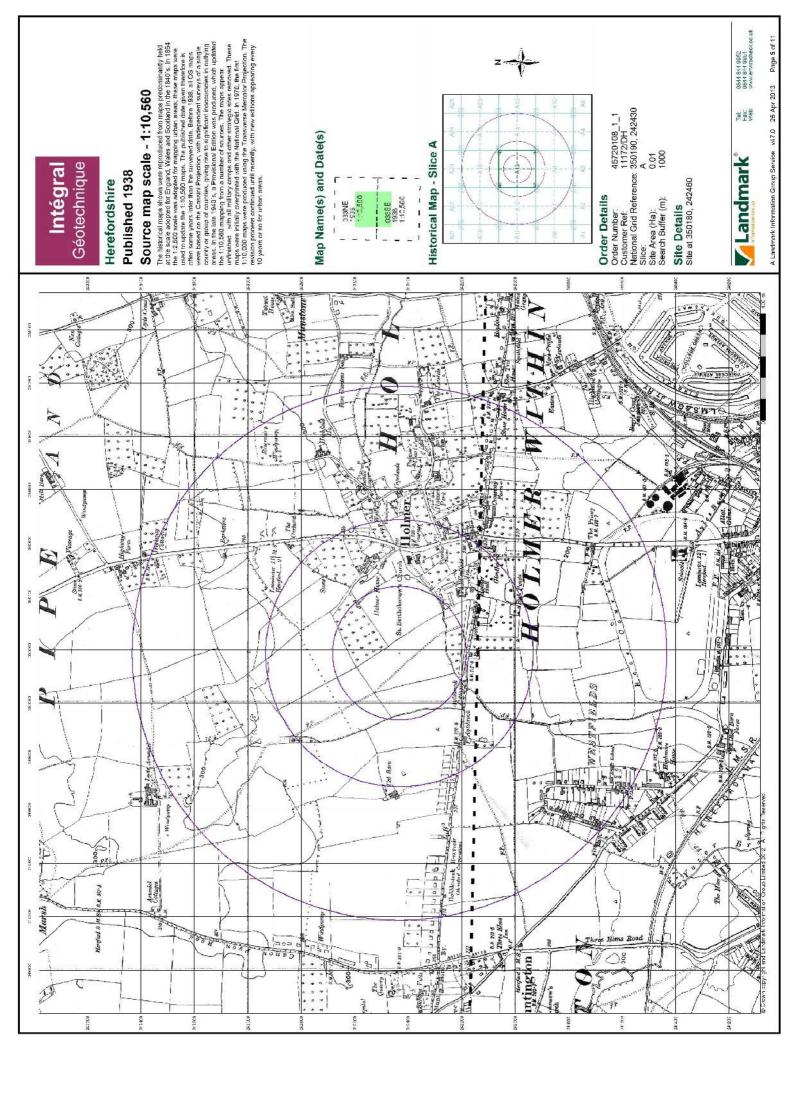


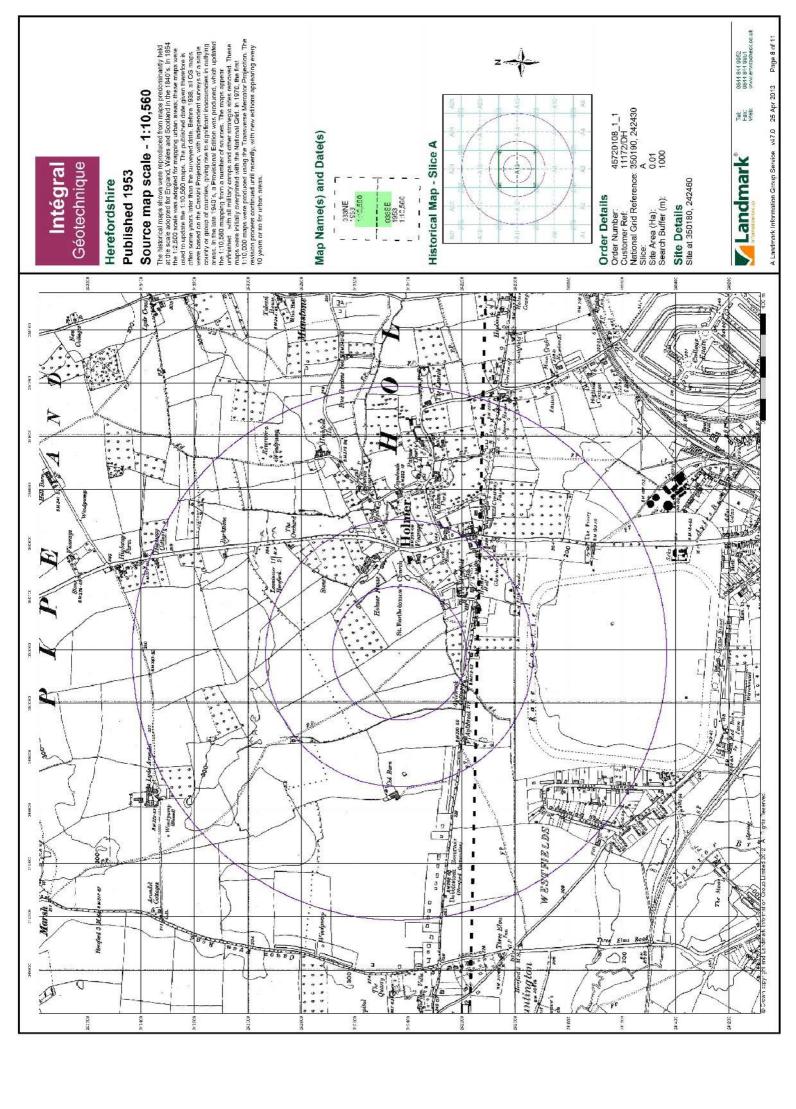
A Landmark Information Group Service v47.0 25 Apr 2013 Page 1 of 11 Tel: Fax: Web:

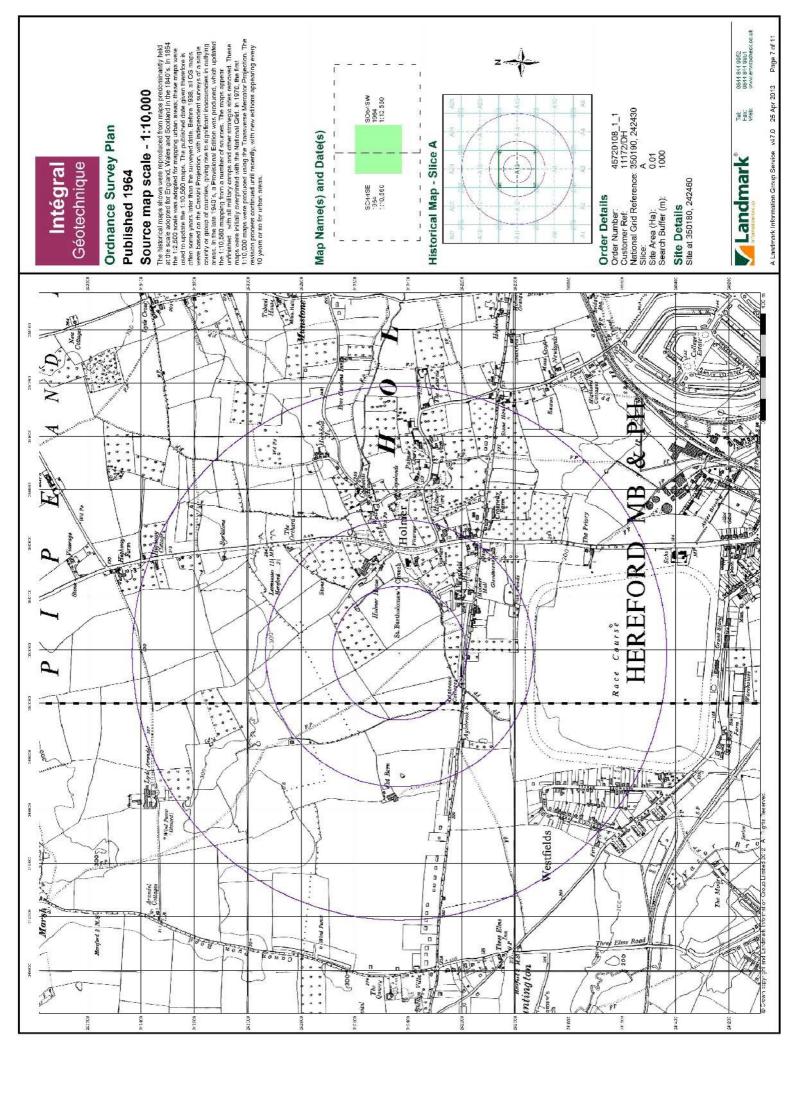


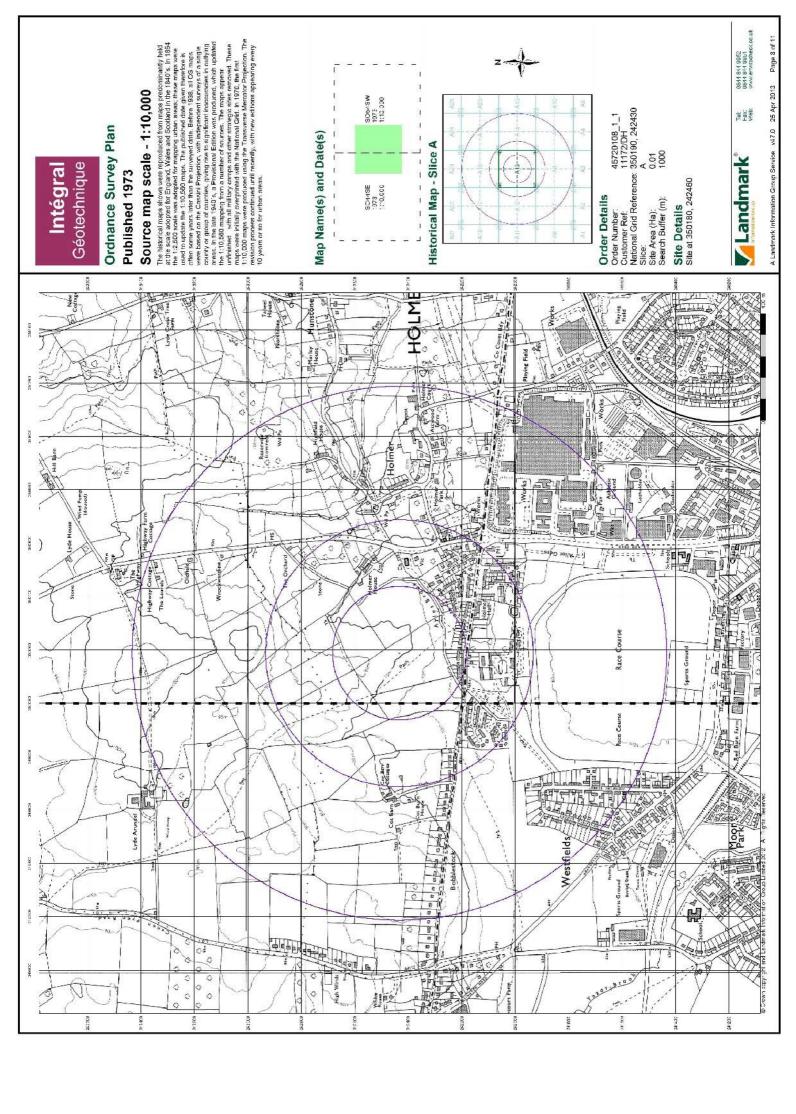


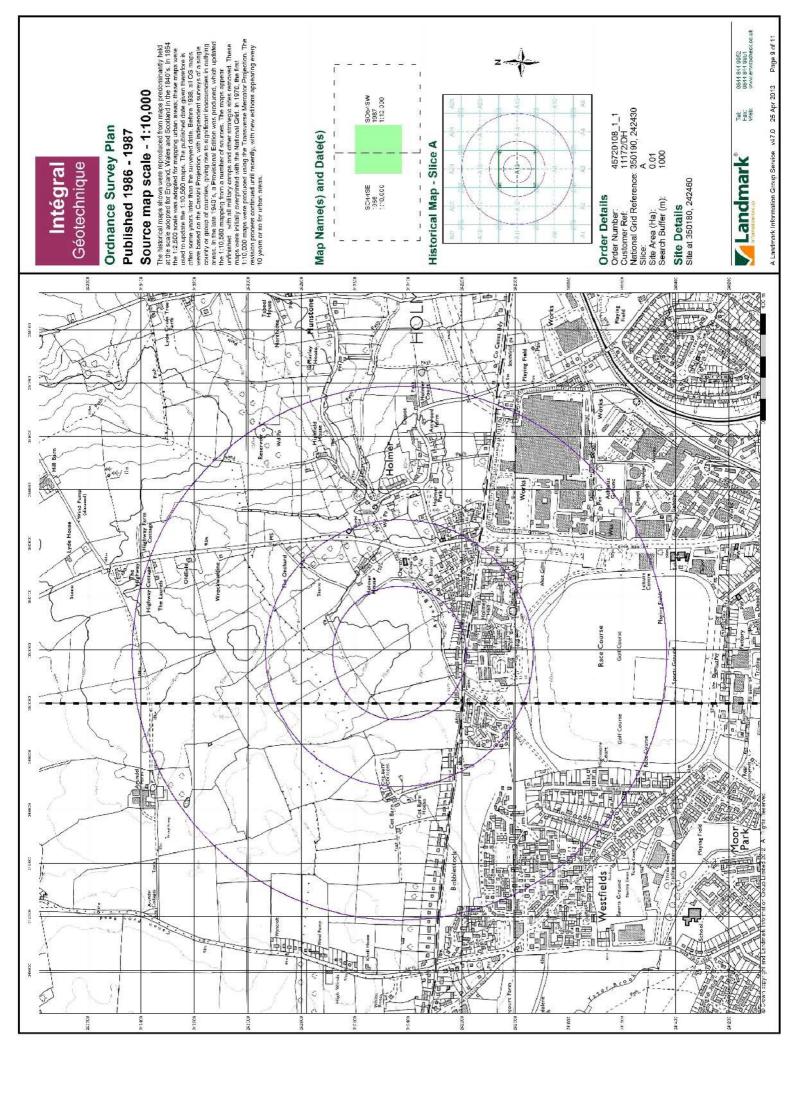


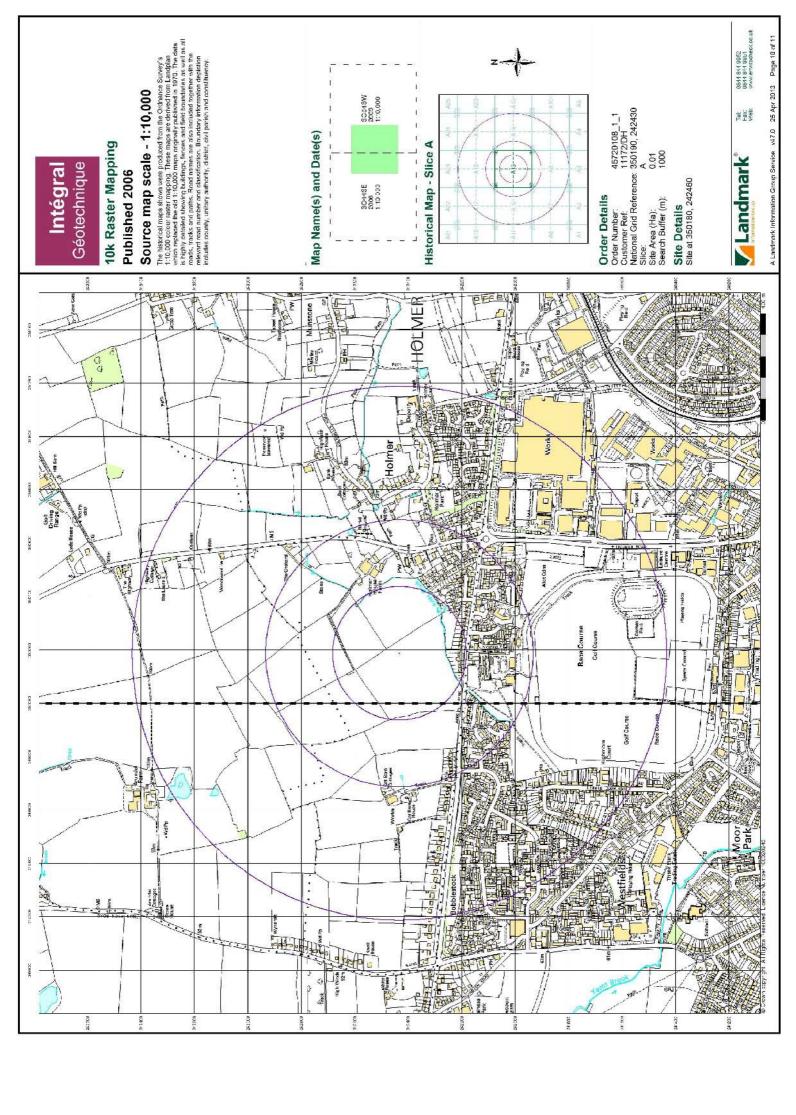


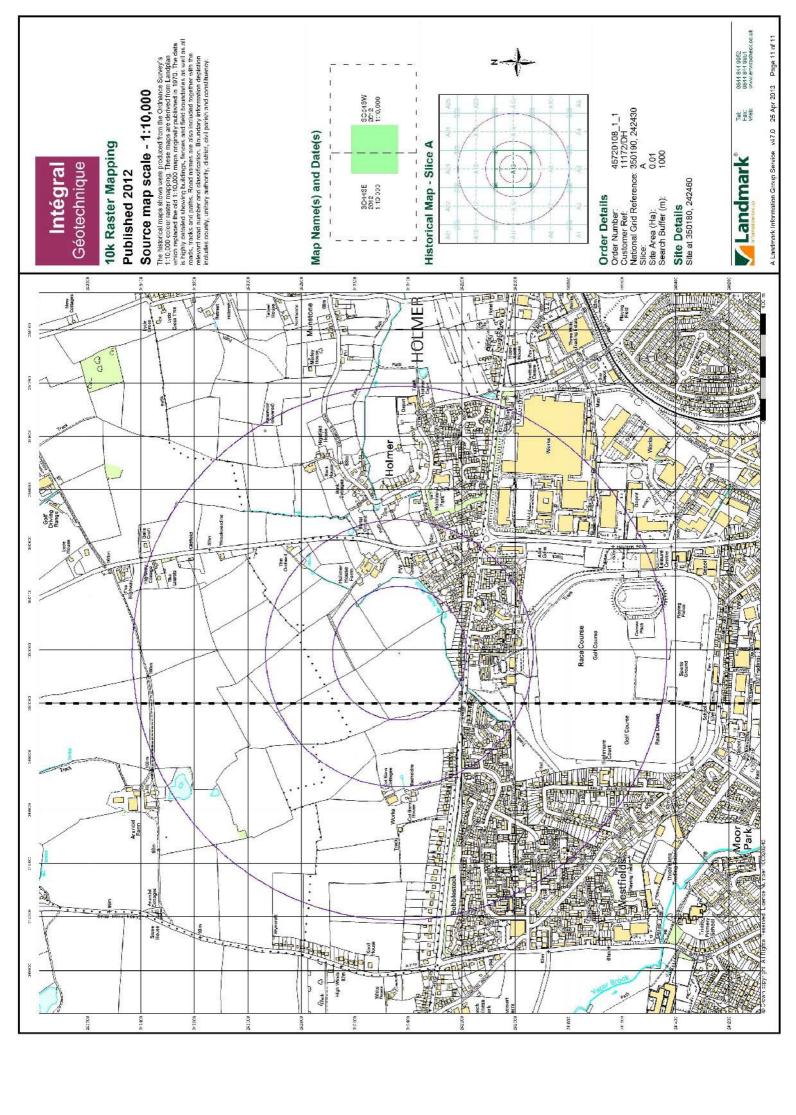












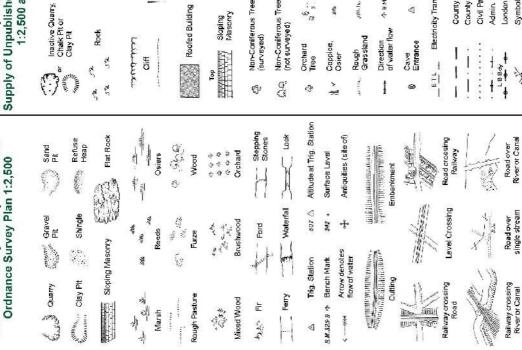
Historical Mapping Legends

Ordnance Survey Plan, Addition Supply of Unpublished Survey 1:2,500 and 1:1,25 Ordnance Survey County Series and

Inactive Quarry, Chalk Pit or Clay Pit

Rock

CIFF



Non-Caniferaus Tree (surveyed)

ETL	1			8	H	0 L	Chy	- E	F. P.	2 9	ï	Ŋ	Ī	ď.	SE	Ę
A STATE OF THE PARTY OF THE PAR	Road crossing Railway	一樓	Roadover Riveror Canal	(cal)	ıry	Administrative County & Civil Parish Boundary	ngland)	itlandi	Police Call Box	Pump	Signal Post	Sluice	Spring	Telephone Call Box	Trough	Well
60	Ssing	4	ream	Geographi	sh Bounda	inty & Civil	oundary (E	ndany (Seo	F.C.B	ď	et ss	iś	Sp.	TCB	T.	k
1	Level Crossing	**	Road over single stream	County Boundary (Geographical)	County & Civil Parish Boundary	strative Cou	County Borough Boundary (England)	County Burgh Boundary (Scotland)	or Stone		2	6		oard		orRing
K.	ssing	100	ssing	Count	County	Admini	County	Count	8 P B.S. Boundary Post or Stone	Bridle Road	Electricity Pylon	Foot Bridge	Foot Path	Guide Post or Board	Mile Stons	M.P. M.R. Mooring Post or Ring
少班元	Railway crossing Road		Railway crossing Riveror Canal	1	į	÷	S S	Sh Bay	Bour	Brid	Elect	Foot	Foot	Guid		A M
T.	Rails		Railw	i	i	+ + + +	Co Rom Bits	Co. Burgh Bdy	BP BS	B.R.	5.7	E.B.	F.P.	4.5	M.8	M.P.W

lan, Additional SIMs and Large-Scale National Grid Data 1:2,500 an hed Survey Information and 1:1,250	d Large-Scale Natio	onal Grid Da 1:1,250	ta 1:2,500 a
Marke Quarty. Market Pit or Charles Pit Charles Cha	الله دالله دغانهاسينا	an 1	Slopes Top
o a Boulders	Co. Rock	ę	Rock (scattered)
Slopes	D Boulders	đ	Boulders (scattere
	Positioned Boulder	ider 💮	Scree
	(2) Non-Conferous Tree (surveyed)	s Tree ₩	Coniferous Tree (surveyed)
Building	Cac Non-Coniferous Trees (not surveyed)	s Trees 糸木	Coniferous Trees (not surveyed)
Archway Archway	Orchard 슈 Tree	å _ Sorub	T Bracken
Coniferans Tree (surveyed)	Coppice. Osier	. Reeds	اهاها ماسيد. Saltings
ees 未表 Coniferous Trees (not surveyed)	Rough Grassland	women Heath	Culvert
Scrub , Bracken	Direction of water flow	A Triangulation Station	n of Antiquity (site of)
	_ ETL Electricity Tr	Electricity Transmission Line	⊠ Electricit Pylon
Bench	EH 73166m Bend	Bench Mark	Buildings with Building Seed
Mark o (site ot)			Glazed Roof

	Historical Ma	Alter Age	472	LAG. WIS		36	7/V		Order Detail	Order Delali	Curtomor Dof	National Crid Def	Slice:	Site Area (Ha):	Search Buffer (m)	Site Details	Site at 350180. 24					Oue	
Antiquity (site of)	Electricity Pylon	Buildings with Building Seed	Glazed Roof Building	7				e: these or groups	Pillar, Pale or Post	Mice	Public Convenience		Pumpling Station	Place of Worship	Sewage Pumping Station	Signal Box or Bridge	Signal Postor Light		TankorTrack	_	, Jump	Wr Pt, WrT Water Point, Water Tep	
ofo		Buildi		undar				al (note dipairs	Pillar, F	Post Office	Public	Pump	Pumpl	Place		Signal	Signal	Spring	Tanko	Trough	Wind Pump	Water	
Triangulation Station	sion Line	Fi		Civil parish/community boundary	ndary	√uepu √uepu	ost/stone	Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)	۵.	Po	J.	e.	Ppg Sta	PW	Sewage Ppg Sta	SB, S Br	SP. SL	Spr	Ĕ	Ė	WdFp	Wr Pt, Wr T	
Ø	Electricity Transmission Line	Bench Mark	Roofed Building	Civil parish/	District boundary	County boundary	Boundary post/stone	Boundary m alvays appl of three)			-			Dismantled Railway	Electricity Generating Station	Electricity Pole, Piller	Electricity Sub Station		Fountain (Orinking Ftn.	Sas Valve Compound	rner	St.	
Direction of water flow	Electri		Escripto P		×	į			Barracks	Battery	Cemetery	Chimney	Cisterii	Dismar	Station	Electricity	Electricity	Filter Bed	Fountain	GBS VBIVE	Gas Governer	Guide Post	
<u>ক</u> চ 1	1 L	HO SOLVION			Ì	•	80	٩	Bks	Bly	Cemy	CHY	Ğ	Dismtd Rly	El Gen Sta	EIP	El Sub Sta	FB	Fn/DFn	Gas Boy	OVC O	8	1



ita 1:2,500 and

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Herefordshire	1:2,500	1887 - 1888	24
Herefordshire	1:2,500	1904	67
Herefordshire	1:2,500	1929	4
Herefordshire	1:2,500	1937	ro.
Ordnance Survey Plan	1:1,250	1967	9
Ordnance Survey Plan	1:2,500	1971	-
Additional SIMs	1:1,250	1977 - 1985	89
Additional SIMs	1:1,250	1984 - 1989	6
Additional SIMs	1:1,250	1985	10
Additional SIMs	1:1,250	1987	+
Ordnance Survey Plan	1:1,250	1989	12
Large-Scale National Grid Data	1:1,250	1993	13
Large-Scale National Grid Data	1:1,250	1994 - 1995	4

Boulders (scattered)

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- 27 -	- W	ļ	(E)	5	-8-	SW.
- Q +			- 1	-	12-	V
AE I	Atte		-W	1	7/8	OW.

Electricity Pylon

U

Triangulation Station

⊴

Cave Entrance

今 BM Bench Mark

Direction of water flow

mine Heath

Rough Grassland

Cappice, Osier

26 - Scrub

Orchard

Non-Coniferous Trees (not surveyed)

|--|

Public Convenience

Public House

Pillar, Pole or Post

Post Office

Boundary Post or Stone

Beer House

Capstan, Crane

Signal Box or Bridge Signal Post or Light

Admin. County or County Bor. Boundary

London Borough Boundary

County Boundary (Geographical)

Electricity Transmission Line

County & Civil Parish Boundary

i

Civil Parish Boundary

Symbol marking point where boundary

mereing changes





WK8

Mile Postor Mile Stone

Manhole

WrPt WrT Water Point Water Tap

Mile Post or Mooring Post

Mile Stone Normal Tidal Limit

Trough

Mind Pump

Telephone Call Box Telephone Call Post

178 TCP

Hydrant or Hydraulic Level Crossing

Tank or Track

Spring

SP. SL

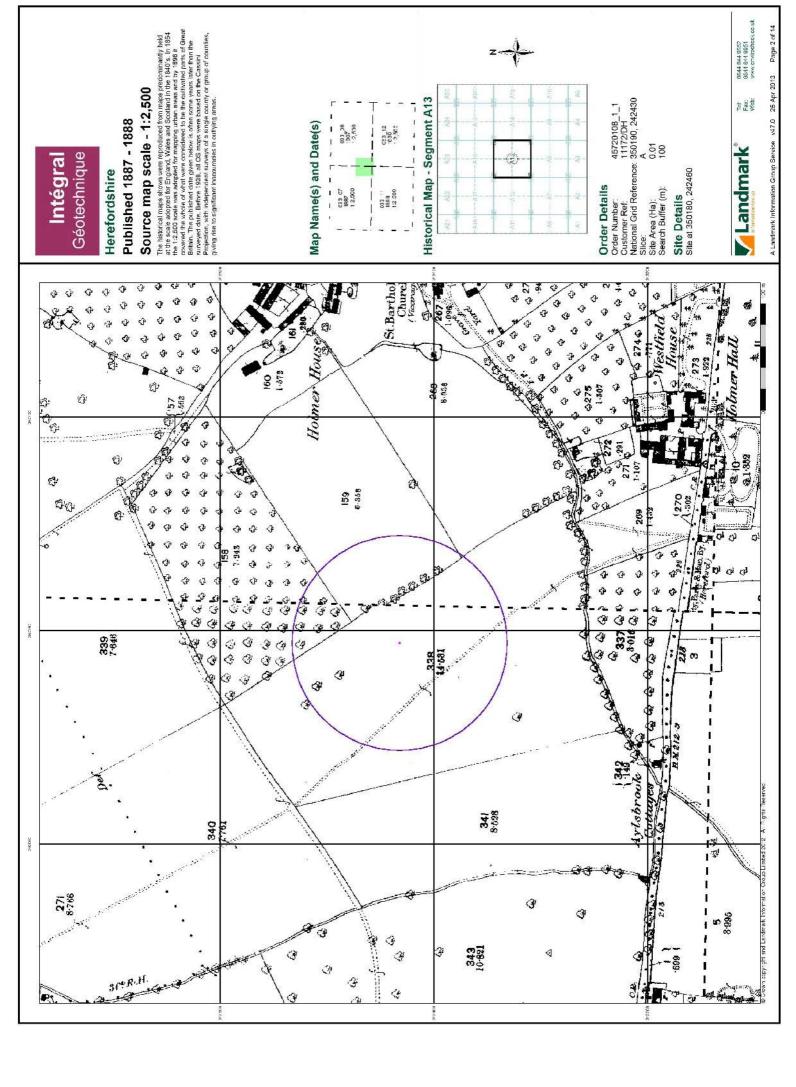
Fire Alarm Pillar

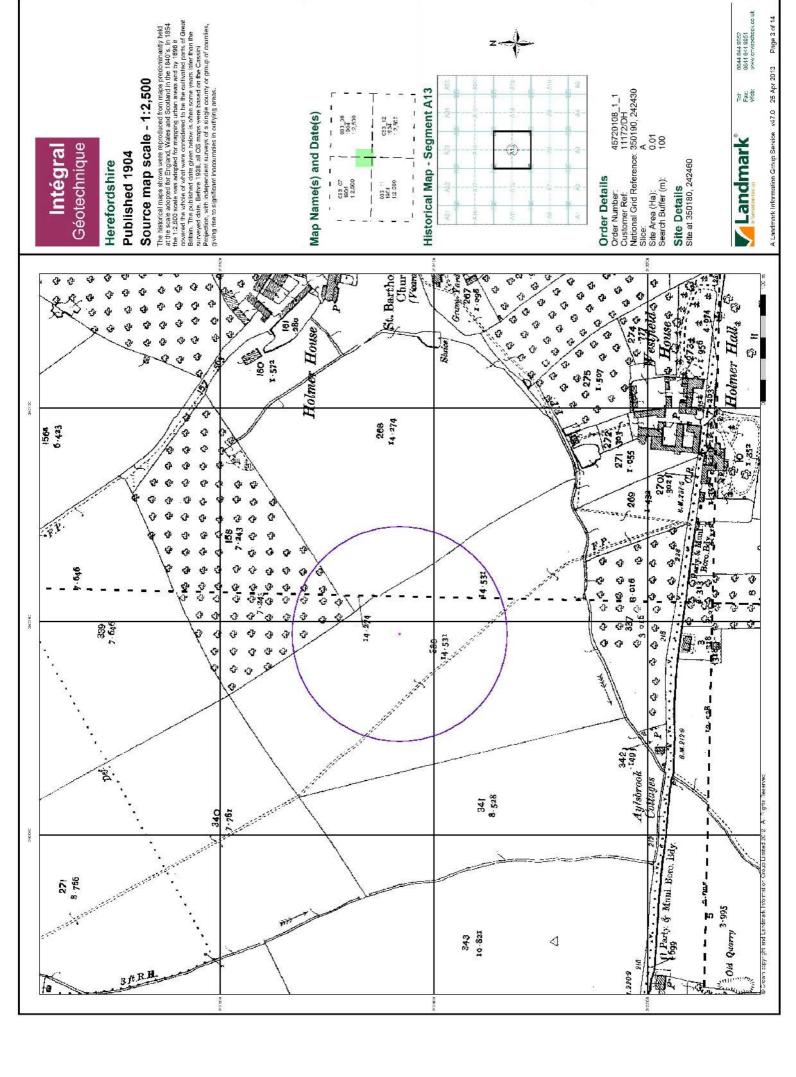
Foot Bridge

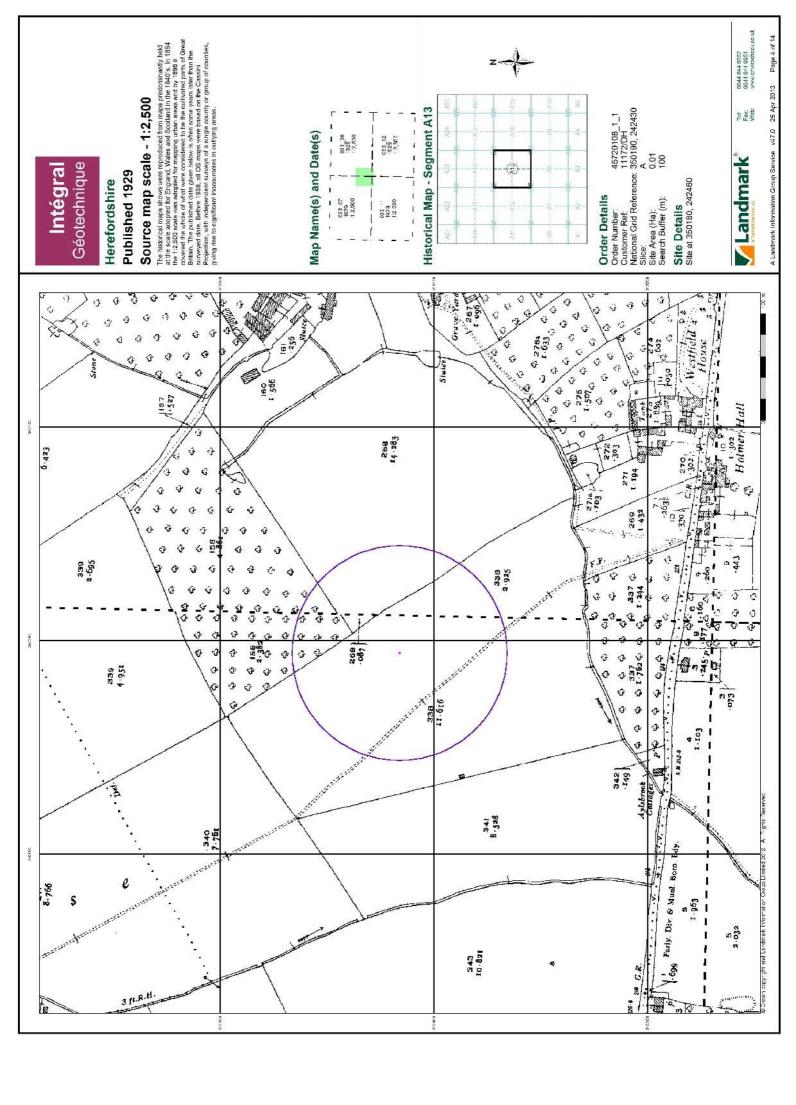
Guide Post

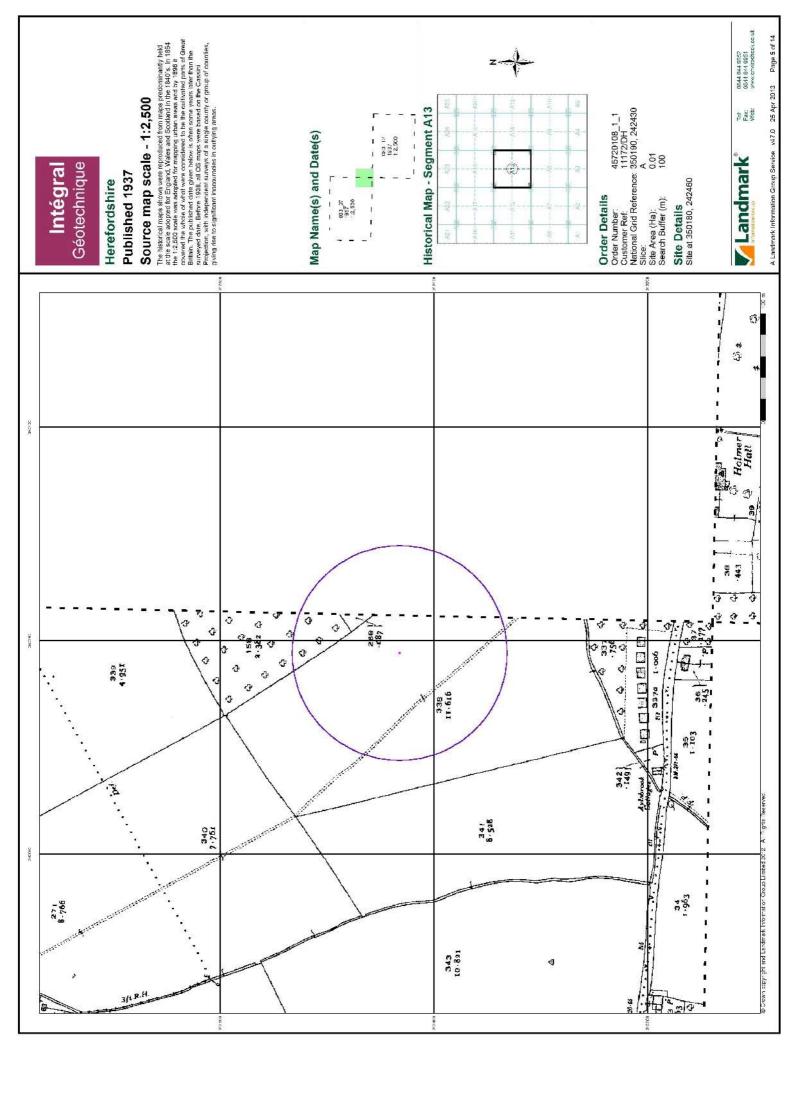
Drinking Fountain Electricity Pillaror Post

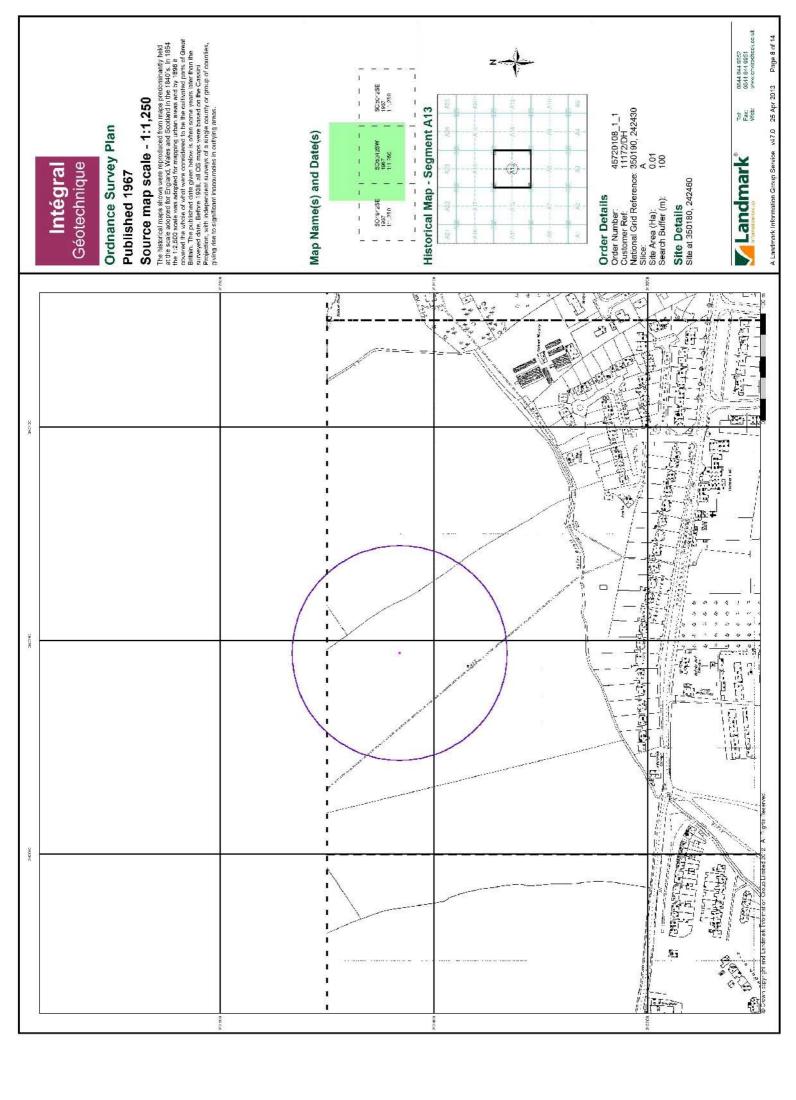
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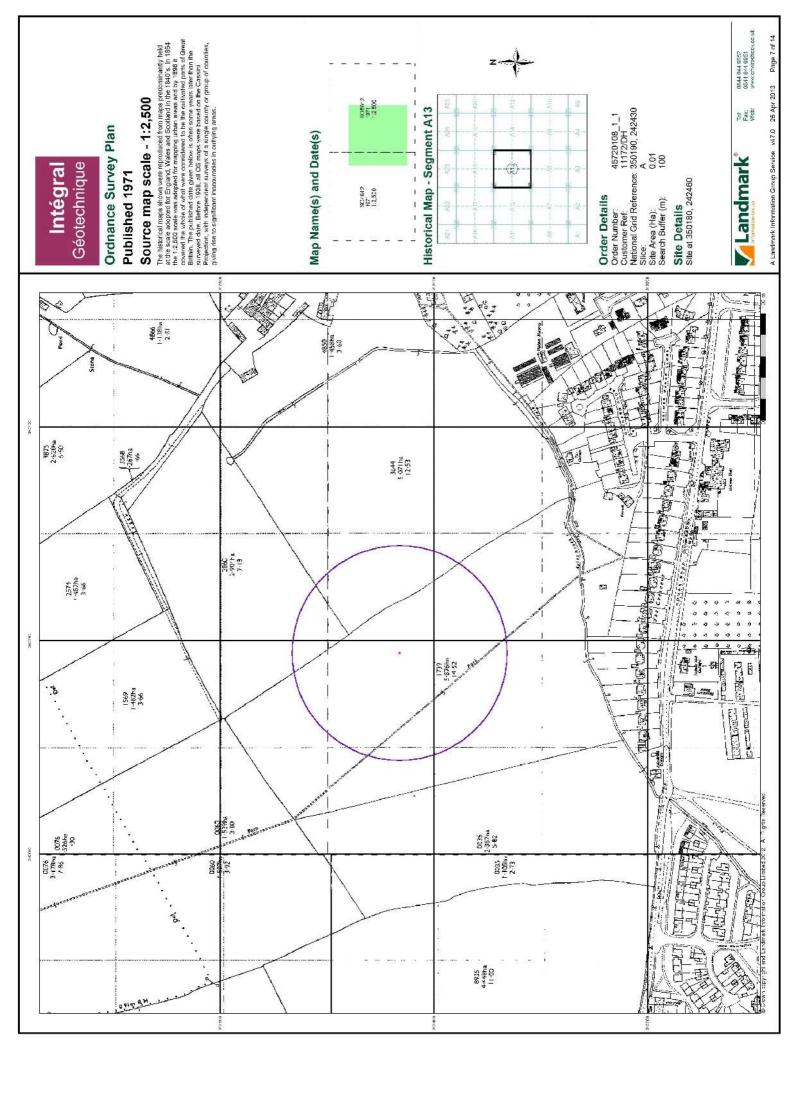


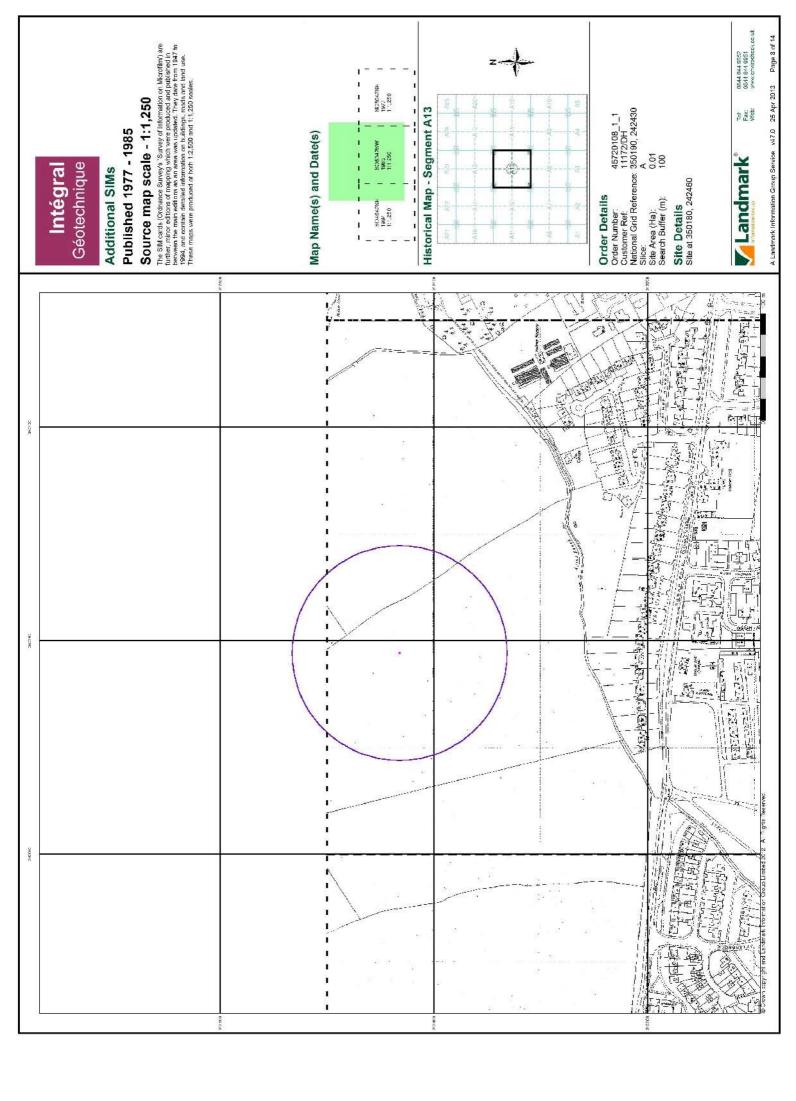


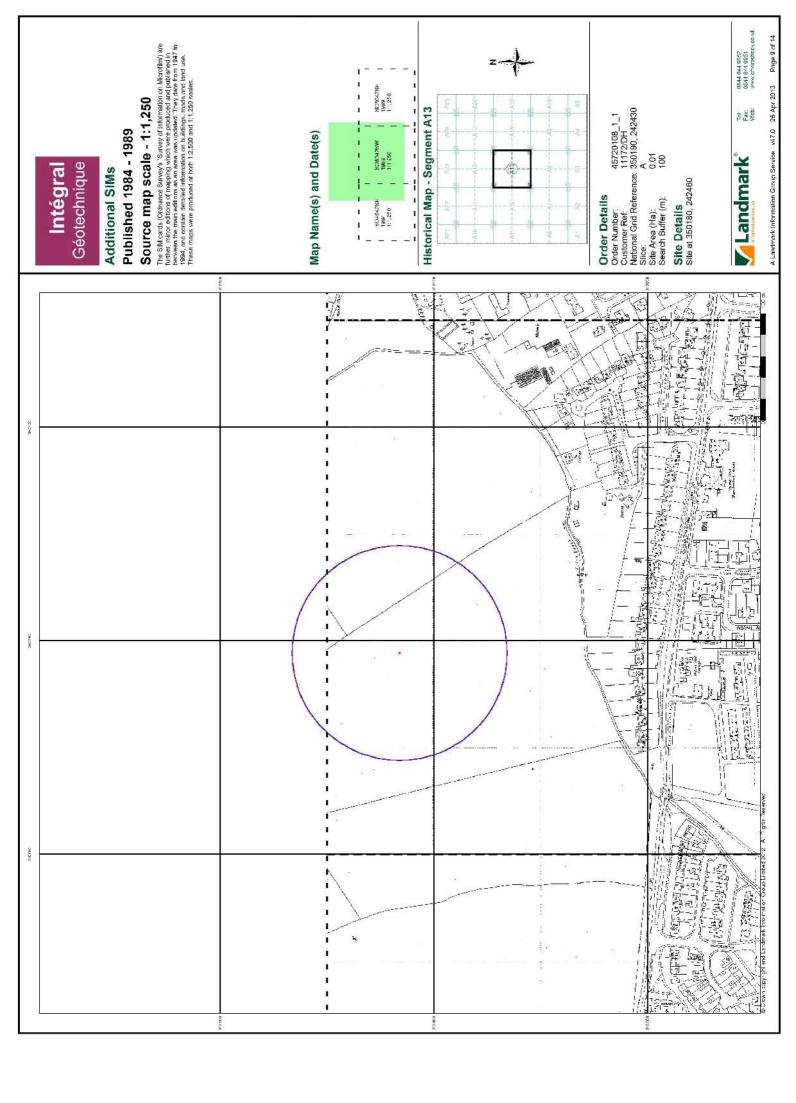


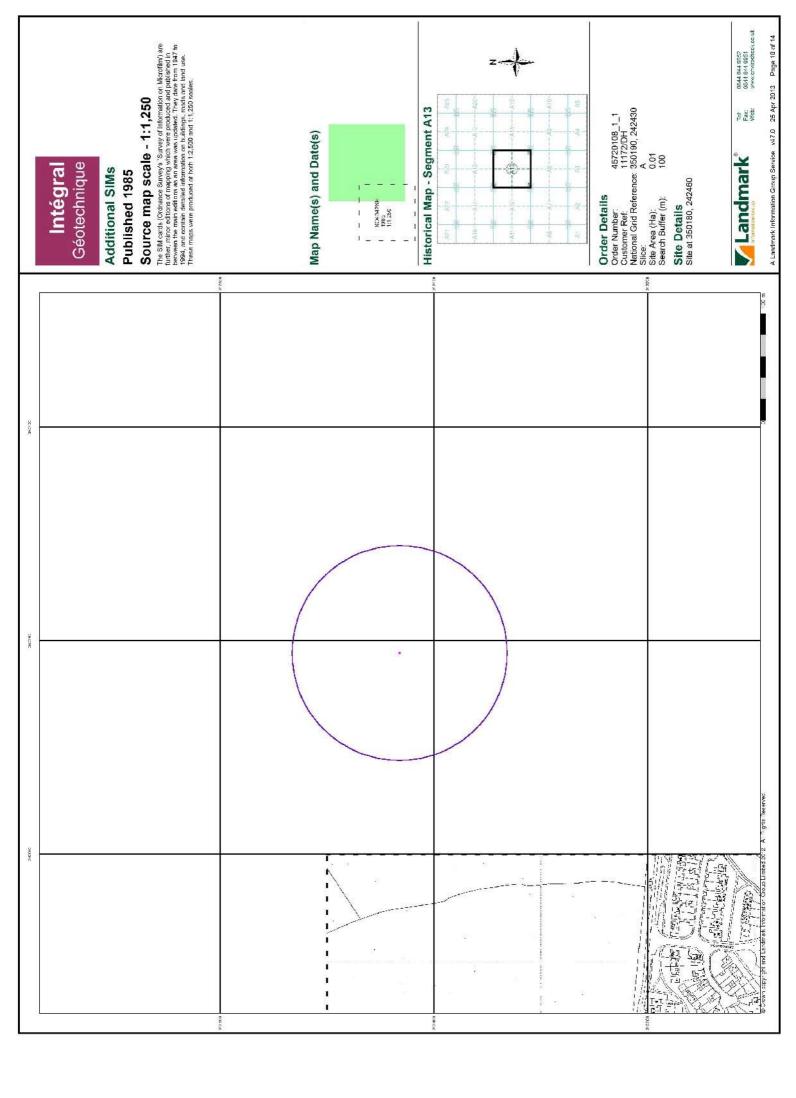


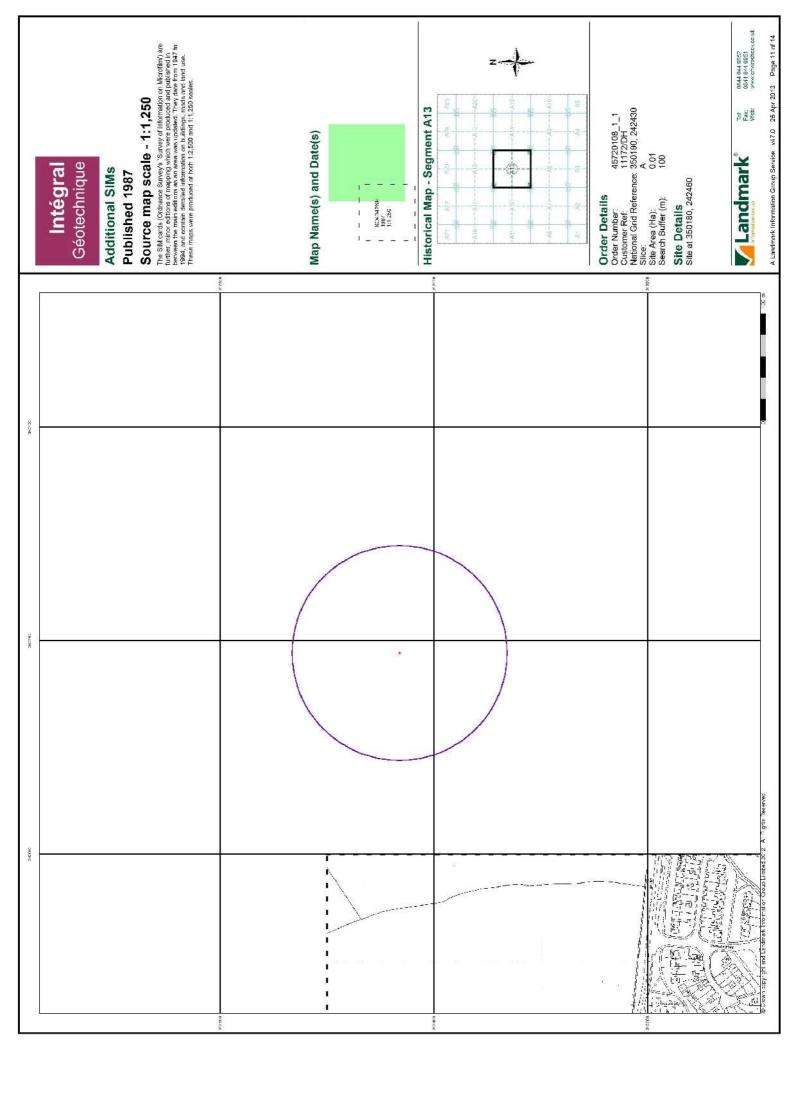


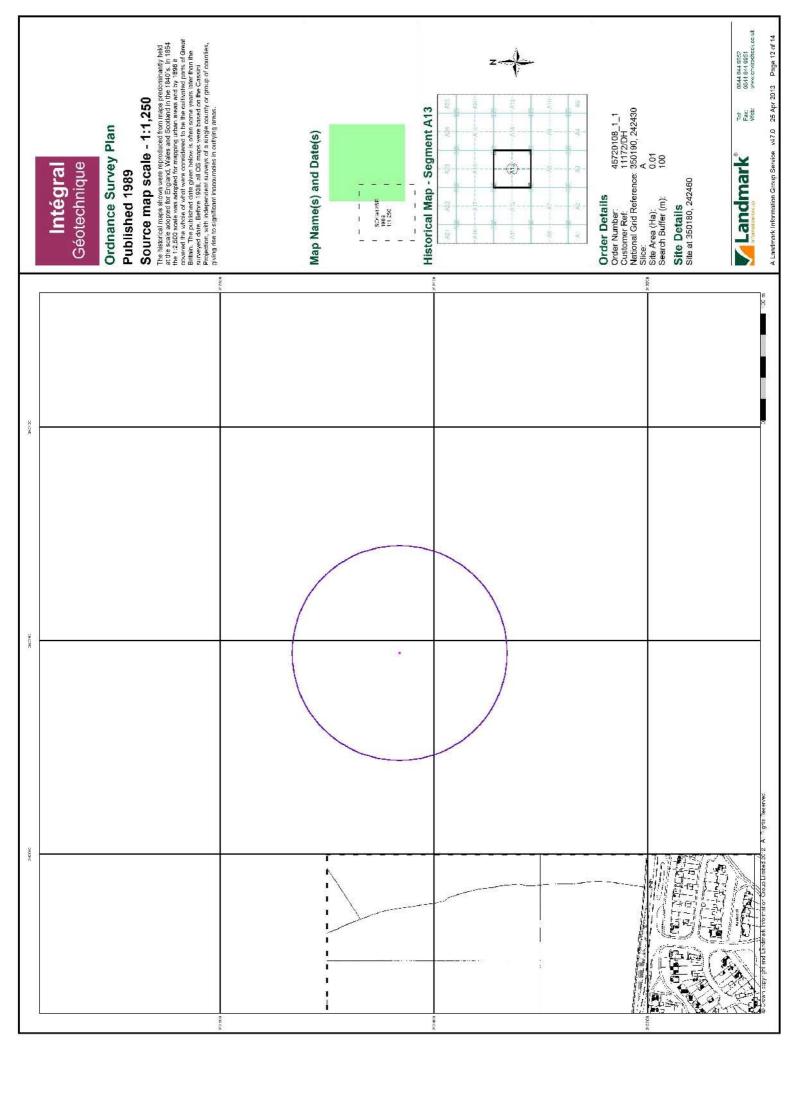


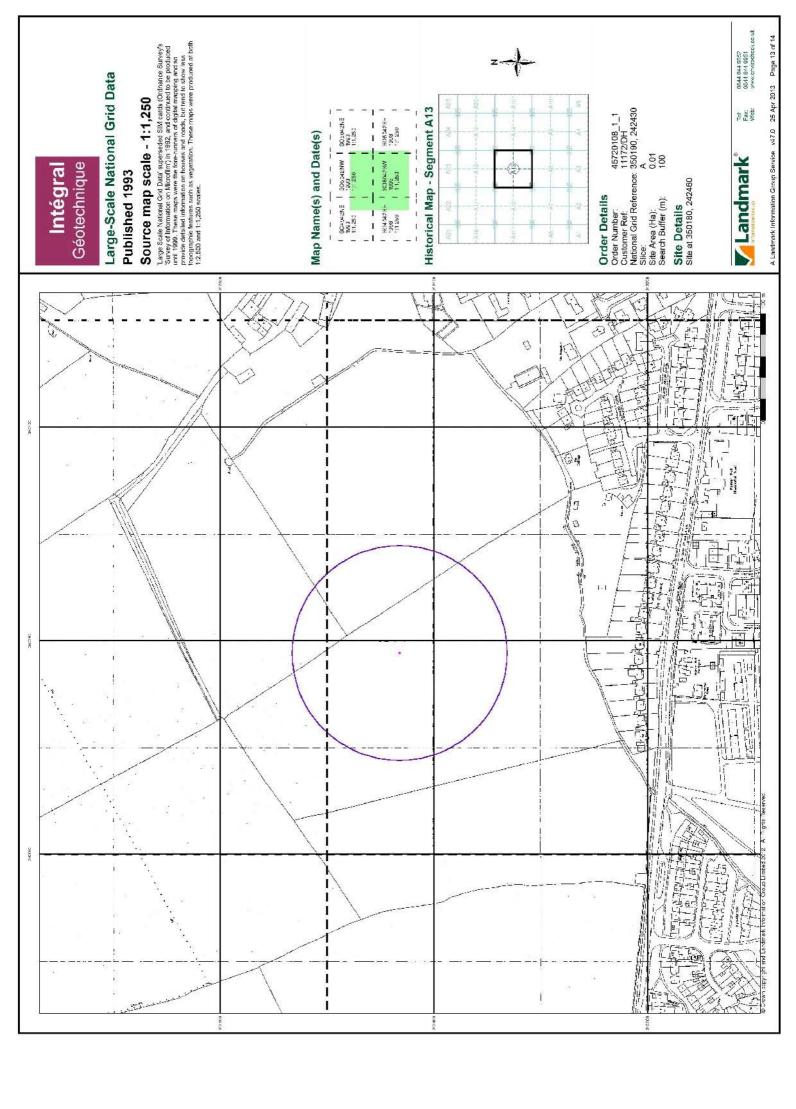


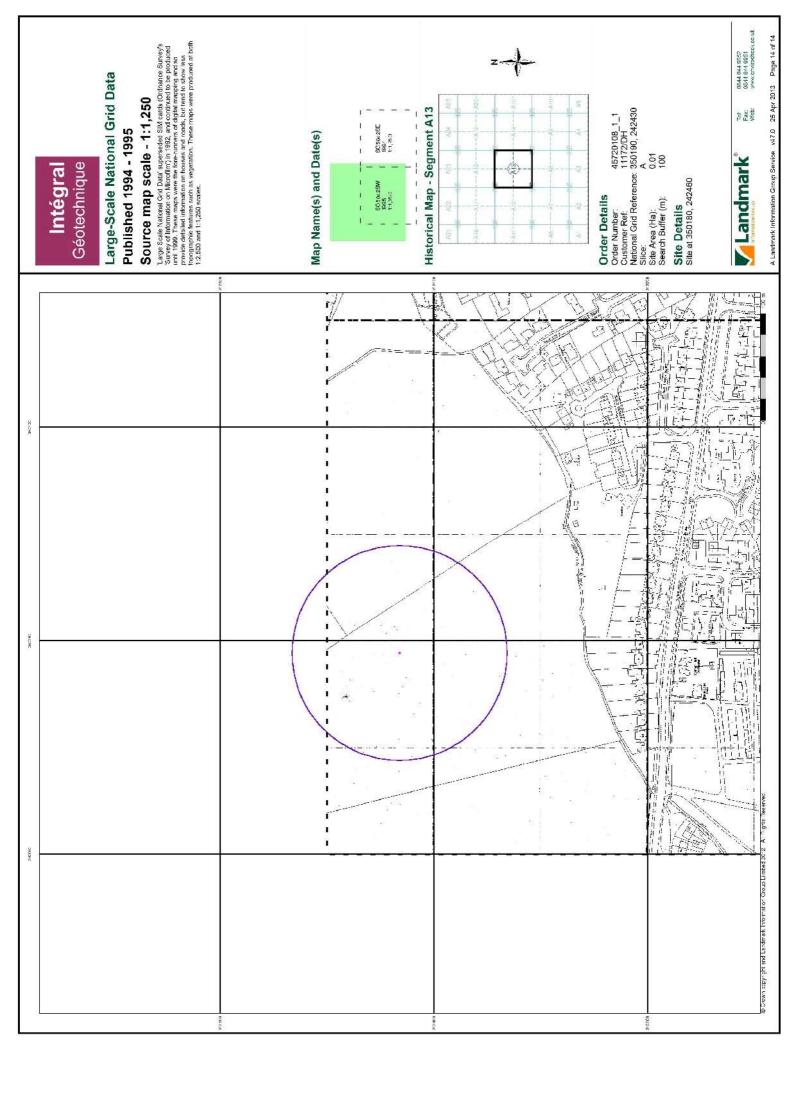


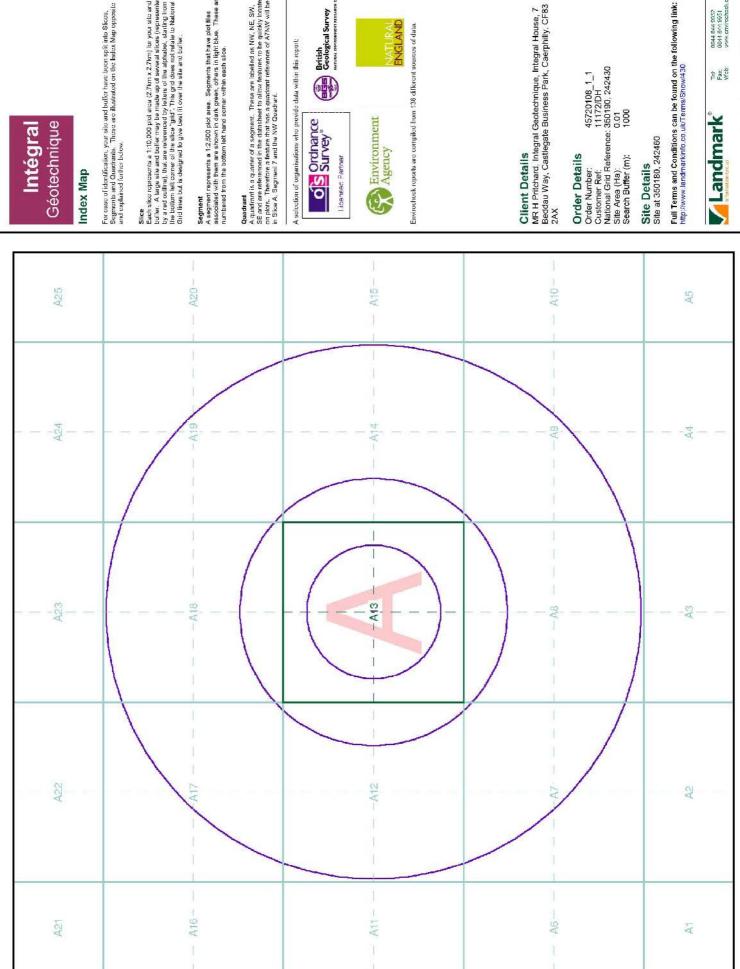












Géotechnique Intégral

Since

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Segment
A segment so 12,500 plot area. Segments that have plot files
associated with them are shown in dark grean, others in light blue. These are
numbered from the obtain left hand comer within seath side.

A solection of organisations who provide data within this report:

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on pols. Therefore a feature that has a quadrant reference of ATMW will be in Stica A, Segment 7 and the NW Quadrant.

OS Ordnance Survey









Envirocheck reports are compiled from 136 different sources of data.

Client Details

MR H Pritchard, Integral Geotechnique, Integral House, 7 Beddau Way, Castlegate Business Park, Caerphilly, CF83 2AX

Order Details

Order Number: 45720108 1 1 Customer Ref: 11172/DH Autional Grid Reference: 350190, 242430 1000

Site Details

Site at 350180, 242460

Full Terms and Conditions can be found on the following link: http://www.landmarkinfo.co.uk/Terms/Show/430



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A Landmark Information Group Service v47.0 25 Apr 2013 Page 1 of 1

APPENDIX B

BGS RADON REPORT



GeoReports

Alison Trotman
Integral Geotechnique
Integral House
7 Beddau Way
Castlegate Business Park
Caerphilly
Cardiff
CF83 2AX

Radon Report: England and Wales

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

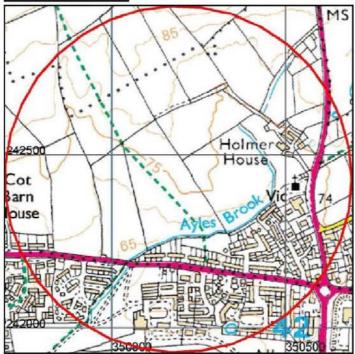
Report Id: GR_206499/1

Client reference: 11172/DH

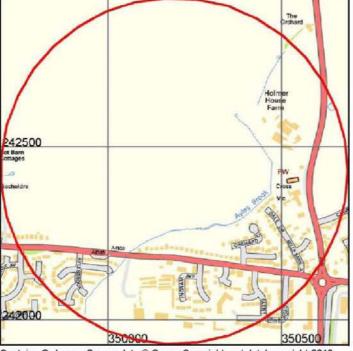




Search location



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



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This report describes a site located at National Grid Reference 350191, 242430. Note that for sites of irregular shape, this point may lie outside the site boundary. Where the client has submitted a site plan the assessment will be based on the area given.

Search location indicated in red

Date: 30 April 2013 © NERC, 2013. All rights reserved. Page: 2 of 7 BGS Report No: GR_206499/1





Radon Report: England and Wales

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 (2007 edition), which also provides guidance on what to do if the result indicates that protective measures are required.

NO RADON PROTECTIVE MEASURES ARE REQUIRED FOR THE REPORT AREA.

The BGS is not able to provide advice on the technical specifications of 'basic' and 'full' radon protective measures. This information is detailed in **BRE Report BR211 Radon: guidance on protective measures for new buildings** which may be purchased from brebookshop.com. This report offers guidance on the technical solutions that are required to satisfy Building Regulations requirements.

Technical solutions to radon protection in new build and existing dwellings in radon affected areas are available on the BRE web site at:

http://www.bre.co.uk/page.jsp?id=1626 and http://www.bre.co.uk/radon/ and in a range of technical reports available from brebookshop.com; Tel: 01923 664262, email: bookshop@bre.co.uk.

Summary guidance is available on the web at:

http://www.bre.co.uk/radon/protect.html.

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

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BGS Report No: GR_206499/1





Radon in existing buildings

Is this property in a radon affected area - YES

The answer to the standard enquiry on house purchase known as CON29 Standard Enquiry of Local Authority 3.13 Radon Gas: Location of the Property in a radon Affected Area is YES this property is in a Radon Affected Area as defined by Public Health England (PHE).

The estimated probability of the property being above the Action Level for radon is: 1-3% (INTERMEDIATE PROBABILITY).

The result informs you of the estimated probability that this particular property is above the Action Level for radon. This does not necessarily mean there is a radon problem in the property. The only way to determine whether it is above or below the Action Level is to carry out a radon measurement within the existing property.

Radon Affected Areas are designated by Public Health England. They advise that radon gas should be measured in all properties within Radon Affected Areas.

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 above the Radon Action Level and if so whether remedial measures were installed, radon levels were retested, and the that the results of re-testing confirmed the effectiveness of the measures.

In radon affected homes, the problem of radon can usually be tackled with simple, effective and relatively inexpensive measures. These measures are comparable in cost to work such as damp-proofing and timber treatment. You can get practical advice about construction work to reduce radon levels from the Building Control Officer at your local council.

For further information, advice about radon, its health risks and details of how to order the radon test, please contact the PHE Radon Helpline on 01235 822622 or go online at www.ukradon.org or write to Radon Survey, Public Health England, Centre for Radiation, Chemical and Environmental Hazards, Chilton, Didcot, Oxon, OX11 0RQ, email: radon@hpa.org.uk. You can obtain an information pack from the PHE free Radon answerphone on 0800 614529

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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

Radon in workplaces

The Ionising Radiation Regulations, 1999, 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.ukwebsite: www.brebookshop.com

level exceeds the Action Level, measures should be taken to reduce the concentration.

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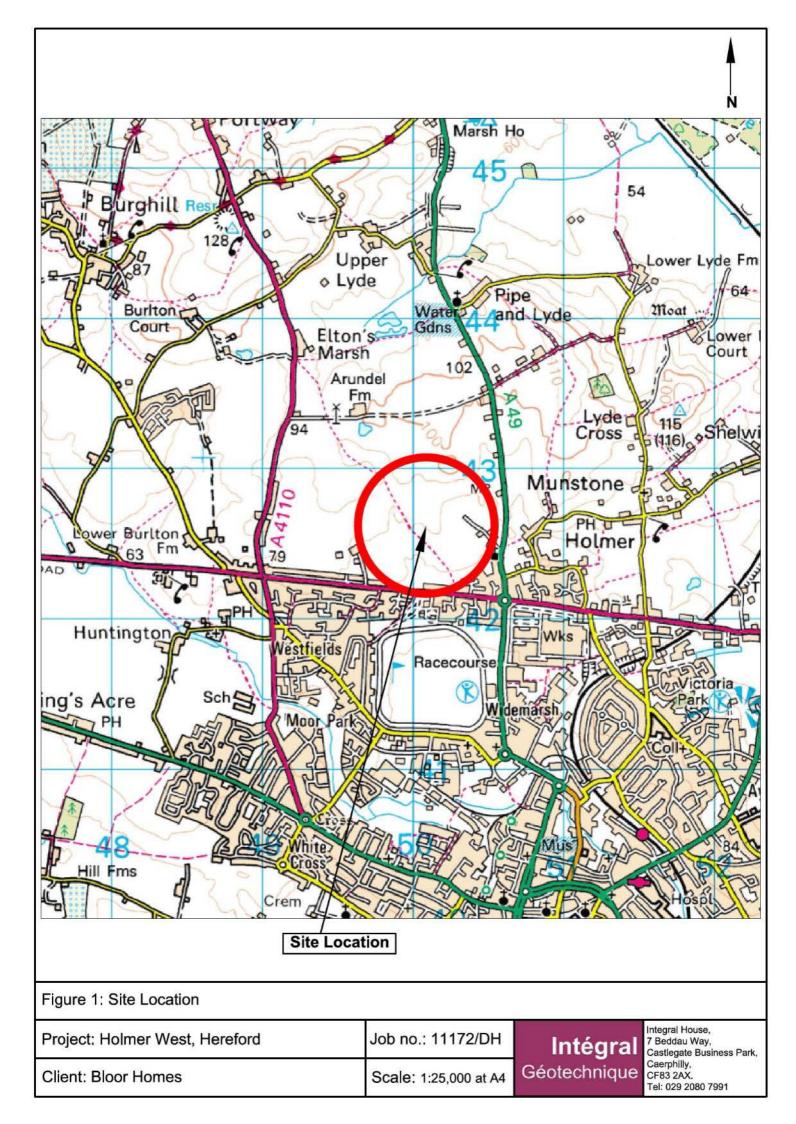
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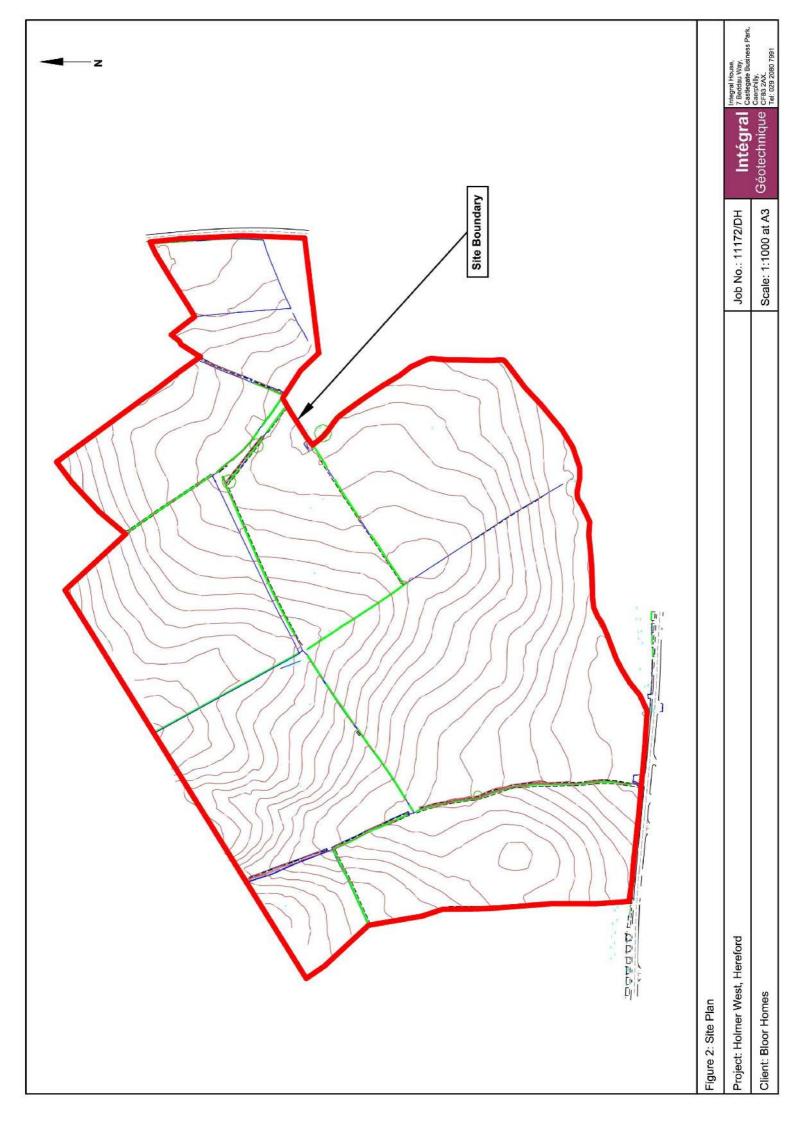
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Legend

Proposed Trial Pit Location

Approximate Site Boundary

Note: Trial pit locations are approximate and subject to change due to buried services or site constraints.

Figure 3: Proposed Trial Pit Locations

Project: Holmer West, Hereford

Client: Bloor Homes

Géotechnique

Scale: 1:4000 at A3

Job No.: 11172/SI