



**108 ABBEY ROAD SOUTH, WREXHAM
INDUSTRIAL ESTATE**

STAGE 1 CONTAMINATION ASSESSMENT

For: J&M Properties

September 2022

R3117-R01-v1

DOCUMENT CONTROL SHEET

Report Title: 108 Abbey Road South, Wrexham Industrial Estate

Stage 1 Contamination Assessment

Client: J&M Properties

Report Reference Number: R3117-R01

Issue Final

Version: v1

Report Date: September 2022

Signed for Smith Grant LLP

	Name	Position	Signature	Date
Author(s)	M Jones BSc MSc AMIEnvSc	Consultant		26.09.22
Reviewer	D Wayland BSc MSc AssocCIWM MICWEM CWEM	Partner		26.09.22

Document Revision Record:

Version	Report Status	Date	Details of Revision
v1	Final	26.09.22	Issue to client

This report has been prepared by Smith Grant LLP for the sole and exclusive use of J&M Properties. Reasonable skill, care and diligence has been exercised within the terms of the contract with the client. We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above. This report may be relied upon or transferred to any other parties only with the express written authorisation of Smith Grant LLP, such consent not to be unreasonably withheld or delayed. If any Third Party comes into possession of this report, they rely on it at their own risk and the authors owe them no duty or care of skill.

Smith Grant LLP reserves the right to alter any of the foregoing information in the event of new information being disclosed or provided and in the light of changes to legislation, guidelines and responses by the statutory and regulatory authorities.

108 ABBEY ROAD SOUTH, WREXHAM INDUSTRIAL ESTATE

STAGE 1 CONTAMINATION ASSESSMENT

CONTENTS

1. Introduction
2. Planning and Legislative Context
3. Scope of Assessment and Information Sources
4. Site Location and Development Proposals
5. Development History and Current Status
6. Site Characterisation
7. Preliminary Conceptual Site Model
8. Conclusions & Recommendations

DRAWINGS

- | | |
|-----|---------------------------|
| D01 | Historical Map: 1873 |
| D02 | Historical Map: 1911 |
| D03 | Historical Map: 1961 |
| D04 | Historical Map: 1972-1974 |
| D05 | Historical Map: 1982-1990 |
| D06 | Historical Map: 1989 |
| D07 | Historical Map: 1990 |
| D08 | Historical Map: 1992 |

APPENDICES

- | | |
|---|--|
| A | Proposed Site Plan |
| B | Photographic Records |
| C | Envirocheck Report (includes Historical Plans) |
| D | UXO Screening Report |
| E | EHO Correspondence |

1. Introduction

1.1. General

- 1.2. Planning permission (P/2020/0099) has been granted by Wrexham County Borough Council (WCBC) permitting the construction of three industrial / commercial units within a parcel of land at 108 Abbey Road South on Wrexham Industrial Estate. Condition 3 of the planning permission requires a phased investigation to identify the extent of contamination and any measures required to remediate the site.

- 1.2.1. Mr Matthew Gregory, on behalf of J&M Properties, instructed Smith Grant LLP (SGP) to undertake a Stage 1 Contamination Assessment for the proposed development and to satisfy (or partially satisfy depending on the findings) Condition 3 which relates to contaminated land.

- 1.2.2. The proposed development comprises 3 commercial / industrial units with associated parking and bin storage. A copy of the proposed development layout is provided in Appendix A.

1.3. Scope of Objectives of the Report

- 1.3.1. This following report describes the Stage 1 Contamination Assessment undertaken by SGP in accordance with the brief agreed with the client. The assessment has been prepared with reference to the Planning Practice Guidance provided in relation to land affected by contamination¹ land stability².under the National Planning Policy Framework (NPPF)³.

- 1.3.2. The assessment comprised a review of third-party information on the environmental setting of the site and the site's previous and current uses with respect to potential risks to the environment or human health, and a site inspection. This report contains a qualitative risk assessment, and where appropriate makes recommendations for further investigation and remedial actions appropriate to the proposed future use of the site.

- 1.3.3. SGP is an environmental consultancy specialising in the risk assessment and remediation of contaminated and derelict land. The report reviewer, Dan Wayland, Partner, is a Member of the Chartered Institute of Water and Environmental Management (CIWEM), an Associate Member of the Chartered Institute of Waste Management (CIWM) and a Chartered Water and Environmental Manager (C.WEM).

¹ Planning Practice Guidance (PPG): Land Affected by Contamination, issued 12 June 2014, last updated 22 July 2019, www.gov.uk

² Planning Practice Guidance (PPG): Land Stability, issued 6 March 2014, last updated 22 July 2019, www.gov.uk

³ National Planning Policy Framework (NPPF), issued 27 March 2012, last updated 20 July 2021

2. Planning and Legislative Context

2.1. National Planning Policy and Guidance

2.1.1. The **Planning Policy Wales 2021** (NPW)⁴ sets out the Government's planning policies for Wales and how these are expected to be applied. The Framework provides some general guidance to local authorities on taking land condition into account in planning policies and decisions. Paragraph 6.9.18 of the Framework states:

'Planning authorities should take into account the nature, scale and extent of land contamination which may pose risks to health and the environment so as to ensure the site is capable of effective remediation and is suitable for its intended use. In doing so, development management decisions need to take into account:

- the potential hazard that contamination presents to the development itself, its occupants and the local environment; and*
- the results of a specialist investigation and assessment by the developer to determine the contamination of the ground and to identify any remedial measures required to deal with any contamination*

2.1.2. The Framework further states in paragraph 6.9.19 in relation to Land Contamination that:

Where land contamination issues arise, the planning authority will require evidence of a detailed investigation and risk assessment prior to the determination of the application to enable beneficial use of land, unless it can already be established that remedial measures can be employed. Where it is known that acceptable remedial measures can overcome contamination, planning permission may be granted subject to conditions specifying the necessary measures and the need for their implementation, including provision for remediating any unexpected contamination which may arise during construction. If contamination cannot be overcome satisfactorily, the authority may refuse planning permission.'

2.1.3. Further guidance is provided in the **Planning Practice Guidance on Land Affected by Contamination**¹ which provides guiding principles on how planning can deal with land affected by contamination. The guidance sets out when contamination may be present, the role of planning when dealing with land which may be contaminated, what a contamination risk assessment may contain and how to determine unacceptable risk. The guidance states that where there is a reason to believe contamination could be an issue, proportionate but sufficient site investigation information should be prepared by a competent person to determine the existing or otherwise of contamination.

2.1.4. Further guidance is also provided in the **Planning Practice Guidance on Land Stability**² which provides guiding principles on how planning can deal with land stability. The effects of land

⁴ Welsh Government. Planning Policy Wales. Edition 11 (February 2021)

instability may result in landslides, subsidence or ground heave. Failing to deal with this issue could cause harm to human health, local property and associated infrastructure, and the wider environment. They occur in different circumstances for different reasons and vary in their predictability and in their effect on development. The guidance sets out steps to be taken when land stability is suspected to be an issue for a planning application, what a land stability risk assessment should be contained and measures to be taken to mitigate the risk of subsidence. The guidance also sets out the role of the Coal Authority in the planning system to prevent land instability.

2.2. Local Planning Policy and Guidance

2.2.1. Wrexham County Borough Council have submitted the 'Wrexham Local Development Plan 2 (LDP2) 2013 to 2028' to the Planning Inspectorate in November 2018 and is still undergoing edits and changes before being adopted. In absence of new development place, WCBC are working to the **Wrexham Unitary Development Plan**⁵ which was adopted in February 2005. This sets out the Councils' overall vision, strategic objectives, spatial strategy and strategic planning policies from 1996-2011. It contains a section on 'Environment and Conservation'; however, it does not mention land contamination.

2.3. Legislation

2.3.1. Land contamination can harm human health, groundwaters, surface waters, soils, ecosystems and property. As such it is controlled, either directly or indirectly, through a range of legislation, including, but not limited to:

- Part IIA of the Environmental Protection Act 1990: establishes a system for identifying and remediating statutorily defined 'contaminated land'; and focuses on addressing contaminated land that meets the specific legal definition and cannot be dealt with via other means, including planning;
- Water Environment Regulations 2017: replaces previous legislation and outlines duties of regulators in relation to characterisation and classification of water bodies, environmental permitting, abstraction and impoundment of water;
- Building Standards (Scotland) Regulations 1990: require suitable precautions are taken to avoid risks to health and safety caused by contaminants in ground to be covered by buildings and associated ground;
- Environmental Permitting Regulations: impose provisions to prevent ground and water contamination from operations requiring an Environmental Permit to operate; and implement controls for operations relating to the treatment or handling of contaminated soils.

⁵ Wrexham Unitary Development Plan 1996-2013, February 2005

2.3.2. Similarly, when dealing with land that may be unstable, the planning system works alongside a number of other regimes including Building Regulations and the Coal Authority's responsibility for public safety risks arising from past coal mining activities.

2.4. National Best Practice and Guidance

2.4.1. The Environment Agency (EA) **Land Contamination: Risk Management Guidance**⁶ provides an overarching framework for the assessment and investigation of land contamination. It replaces the previous Contaminated Land Report 11: Model Procedures for the Management of Contaminated Land 2004.

2.4.2. It is designed to be used in a range of regulatory and management contexts such as voluntary remediation, planning, assessing liabilities or under the Part 2A contaminated land regime. The guidance sets out a phased approach to the assessment of land contamination and specifies requirements for reports produced as part of the process, including Preliminary Risk Assessments (PRAs) and Generic and Detailed Quantitative Risk Assessments (GQRAs and DQRAs).

2.4.3. The EA Guidance is supported by, and cross-refers to, an extensive range of additional statutory and non-statutory guidance relating to aspects such as site investigations, protection of groundwater, understanding and managing asbestos, definition of waste and the specific investigation and assessment procedures under Part IIA. Where necessary, such guidance is referred to in the following report.

⁶ Land Contamination: Risk Management, issued 8th October 2020, last updated 19th April 2021, www.gov.uk

3. Scope of Assessment and Sources of Information

3.1. Scope of Assessment

3.1.1. In undertaking this assessment SGP carried out the following activities:

- site visit to view the existing site and its setting.
- review of comprehensive historical mapping information.
- review of comprehensive environmental setting information (geology, hydrology, hydrogeology, industrial land uses, mineral excavation / extraction, landfilling / waste management activities).
- review of information relating to potential unexploded ordnance (UXO).
- review of development proposals.
- development of preliminary conceptual site model (CSM) with regards to ground contamination; and,
- provision of recommendations for further investigations and mitigation, where deemed necessary.

3.1.2. The information has been used to determine i) the potential for any ground contamination to be present on or near the site due to historical and current land uses and ii) the potential for any such contamination to pose a constraint to the proposed use of the site and / or impact the surrounding environment. The information has been used to inform the risk assessment and determine any further work and/or investigations that may be required to identify any remedial requirements to ensure the site is suitable for the proposed development with regards to ground contamination.

3.1.3. Information has also been obtained on general expected ground conditions at the site and stability / physical ground conditions where these may constrain the planned development are included where relevant. However, formal recommendations with regards to geotechnical considerations are not included.

3.1.4. Similarly, structural building, asbestos or ecological surveys have not been carried out, although reference is made to relevant information and SGP observations were deemed relevant and applicable.

3.2. Sources of Information

3.2.1. The baseline data has been obtained through a desk top study and site visit. No additional survey or field work has been undertaken as part of this assessment.

3.2.2. The principal sources of information consulted in the preparation of this report include:

Table 3.1: Information Sources

Date and reference	Author and source	Purpose and information content
Topography, geology, hydrogeology and hydrology		
http://mapapps.bgs.ac.uk [Accessed September 2022]	British Geological Survey.	distribution of geological units at surface including drift and artificial deposits, faults and mineral outcrops, borehole logs.
https://www.ordnancesurvey.co.uk/osmaps/ [Accessed September 2022]	Ordnance Survey (OS), Explorer Map, 1: 10,000	general mapping information including structures, boundaries, ground features, water features etc.
http://www.ukradon.org [Accessed September 2022]	Public Health England	mapping defining radon affected areas in England & Wales.
Historical data		
Satellite imagery	Various	recent historical features
Envirocheck Report Historical Mapping 300831256_1_1; September 2022 (provided in Appendix C)	Envirocheck: Landmark Information Group	historical mapping at 1:2,500, 1: 10,000 and 1: 10,560 scales from 1888 onwards.
Information Review		
Envirocheck Report Datasheet 300831256_1_1; September 2022 (provided in Appendix C)	Envirocheck: Landmark Information Group	hydrological, waste, hazardous substances, geological, land uses, and natural stability hazards based on historical data and geological records.
BRE 211	Public Health England	guidance for the installation of radon protection measures.
https://magic.defra.gov.uk/MagicMap [Accessed September 2022]	Defra	web-based interactive map containing information on nature conservation areas, aquifer designations, source protection and nitrate vulnerable zones.
www.zeticauxo.com (provided in Appendix D)	Zetica	unexploded bomb risk mapping.
Local Authority Search Request [15.09.22] (provided in Appendix E)	Wrexham County Borough Council	Historical background information on the site and limited information on remediation works within the wider Wrexham Industrial Estate

3.3. Site Inspection & Investigations

3.3.1. An inspection of the Site and the immediate surrounding area was undertaken by M Jones, Consultant, on 13th September 2022.

3.3.2. A photographic record of salient features is provided in Appendix B.

3.4. Previous Investigations

3.4.1. SGP has been provided with various desk studies and site investigations for the surrounding area and SGP undertook a site investigation on the area of land across Abbey Road to the west. These are described in section 3.4.4.

3.5. Local Authority Consultation

3.5.1. SGP has consulted with the Local Authority Contaminated Land Officer (CLO) under their charged 'Environmental Consultant search' with regards to the site and its setting within Wrexham Industrial Estate. Information was provided by the CLO on 15.09.22 with a brief summary of the Royal Ordnance Factory history and multiple desk studies and investigations pertaining to the nearby area. These are reproduced below with a copy of the correspondence provided in Appendix E.

- *The Contaminated Land Team does not yet have a comprehensive database of historic land use or contamination. However, the limited information available to this Team includes some information on the use of the land to the south of Clywd Plastics as a Royal Ordnance Factory (ROF). A summary of the limited records held by this Team is as follows:*
 - *The Royal Ordnance Factory (ROF) Wrexham was the largest explosive factory in the area.*
 - *The site covered an area of over 1,400 acres and was served by its own railway.*
 - *It became operational in 1941, about a year after the facility was constructed. It consisted of a number of production buildings, widely spaced to minimise any damage should an accidental explosion occur.*
 - *Two units were built for the manufacture of solventless cordite also known as Cordite W.*
 - *Operation of the ROF ceased on 11th August 1945. Shortly after the war the site was sold for development as an industrial estate.*
 - *Cordite is produced by the incorporation of Nitrocellulose (NC – guncotton) with Nitroglycerine (NG) in the presence of a solvent to assist in gelatinisation, although at Wrexham Carbamate was introduced as a suitable stabiliser instead of solvents. The cordite produced at Wrexham was 'flashless', produced by the inclusion of a large proportion of fined divided Nitroguanidine (Picrite).*
 - *Further information of contamination issues associated with the manufacture of explosives is contained in the Environment Agency document 'Land Contamination 'Technical Guidance on Special Sites: Explosive Manufacturing & Processing Sites' Research & Development Technical Report P5-042/TRE/03; dated June 2001.*

- *The former Department of Industry Profiles and CLR8 identify historical munitions sites as sites that may have ground contamination*
- *Some land in the vicinity was impacted by PCBs, therefore this is a potential contaminant of concern for this site too. There is a PCB cell approximately 67m to the northwest of the site, this contains soils from remedial works that took place on the surrounding land approximately 30 years ago, the remediation level was 20ppm. Above this and below 1% soil was excavated and placed in the landfill and soils contaminated above 1% were removed for off-site incineration. I have not been able to find any plans that show the areas remediated. Information from the (former) EAW provided to the Council on the site is detailed at the end of this letter (there were two entries under COPA landfill data).*
- *It should be noted that some sites on the Industrial Estate have had ground contamination issues assessed, these have mainly been the result of a planning condition requiring a contamination assessment for the development of the site. Some assessments showed no contamination to be present, whilst others showed some contamination that has required remediation measures for its safe development. In many of these cases the contamination was not necessarily due to the sites former use as a ROF but by subsequent operations/industry on the site and/or due to made ground.*
- *The Contaminated Land Team is not aware of any pollution issues associated with the site e.g. leaks or spills of any oil/chemical substances having occurred at the site.*

3.5.2. WCBC have provided SGP with 6 reports undertaken on the surrounding area. A summary of these is presented below:

Table 3.2 Summary of historical reports

Date and Reference	Title and Author	Purpose and Information Content
February 2001 <i>A120-00-R1-A-Draft</i>	BAE Systems - Desk Study for potential explosive contamination at Wrexham Industrial Estate	<u>Purpose:</u> Investigation of land 555m to the west of the site <u>Content:</u> historical and environmental setting desk study
October 2002 <i>000099414 R10</i>	WCBC - Site Investigation Works on Land at the Former Cortecs Factory off Abbey Road, Wrexham Industrial Estate	<u>Purpose:</u> Characterization of soil content 120m to the south of the site <u>Content:</u> Chemical analysis of 21 samples.
May 2007 <i>000099414 PPCLBKR2</i>	WCBC - Desk Study on Land on the Junction of Marlborough Road & Abbey Road, Wrexham Industrial Estate	<u>Purpose:</u> Identification of potential contamination on the site that may effect the proposed acquisition and proposed future use of the site; identification of required mitigation measures

		<u>Content:</u> historical and environmental setting desk study; excavation of 11 machine dug trial pits and 5 hand dug trial pits; chemical analysis of 16 soil samples
October 2007 000099414 PPCLBKR3	WCBC - Desk Study and Site Investigation Works on Scottish Power land between Abbey Road and Bryn Road, Wrexham Industrial Estate	<u>Purpose:</u> Investigation of land to the immediate east of the site <u>Content:</u> historical and environmental setting desk study; excavation of 10 machine dug trial pits; chemical analysis of 18 soil samples and 1 water sample.
April 2008 000099414 PPCLBKR5	WCBC - Additional Site Investigation Works on Sections of the Former ROF Acid Drain and Service Ducts situated on Land on the Junction of Marlborough Road and Abbey Road	<u>Purpose:</u> Further investigation of the former process drain to obtain additional information on the contamination present <u>Content:</u> excavation of series of trenches of 4 soil samples and 1 water sample
December 2008 000099414 PPCLBKR7	WCBC - Additional Site Investigation Works on the Section of the Former ROF Acid Drain and Service Ducts Situated North of Marlborough Road	<u>Purpose:</u> Investigation of section of the former process drain to the northeast of the site <u>Content:</u> Inspection and collection of sediment samples from invert levels of accessed drain; chemical analysis of 2 sediment samples
April 2009 R1303-R01	SGP – Contamination Survey of Former Acid Process (Acid) Drain & electricity Sub-Station	<u>Purpose:</u> Further investigation of the former process drain to obtain additional information on the contamination present <u>Content:</u> historical and environmental setting desk study; excavation of 6 machine dug trial pits; chemical analysis of 10 soil samples and 4 water samples; drilling of 2 probeholes and 2 soil samples from the probeholes

3.5.3. The most relevant reports are those undertaken on the land across Abbey Road to the west and the report on Scottish Power land to the east.

- *Desk Study on Land on the Junction of Marlborough Road and Abbey Road, Wrexham Industrial Estate (000099414 PPCLBKR2), WCBC, May 2007.*
 - A desk study on the patch of land across Abbey Road, 10m to the west. It reports on PCB contamination from the former ROF electricity substation and the ROF Acid Process Drain.
- *Additional Site Investigation Works on Sections of the Former ROF Acid Drain and Service Ducts situated North of Marlborough Road, Wrexham Industrial Estate (000099414 PPCLBKR7), WCBC, April 2008.*
 - Further investigation on the Acid Process Drain to the west of the site. It was recommended to repair the Acid Process Drain and cap the immediate surrounding area with imported clean clay.

- *Contamination Survey of Former Acid Process (Acid) Drain & electricity Sub-Station, Abbey Road Depot (R1303-R01), SGP, April 2009*
 - Further assessment and site investigation into the former ROF acid drain. A drawing provided at the end of the report shows the acid drain once crossed the centre of the site from west to east. A trial pit was excavated in the branch of the drain leading to the site and showed topsoil to 0.4m and firm brown clay lining a brick trench (presumably the old drain). The samples taken from this area reported no exceedances of the soil guideline values used.

3.5.4. The report undertaken on the land to the east also provides description of the land following the path of the acid drain across the site.

- *Desk Study and Site Investigation Works on Scottish Power land between Abbey Road and Bryn Road, Wrexham Industrial Estate (000099414 PPCLBKR3), WCBC, October 2007.*
 - A desk study and site investigation on the area of land to the immediate east of the site. It reported that a former ROF spoil tip / burning ground was present in the north required further investigation (95m NE).
 - Following the line of the former ROF acid drain to the west, two trial pits were excavated; TP5 and TP5a. TP5a was close to the east boundary of the site and recorded topsoil to 0.15m, limestone ballast with some loose brickwork to 0.3m, limestone and brick rubble overlying a concrete slab to 0.55m. They then extended the trial pit 2m to the east to avoid the slab and report the following: 0.5m subsoil with limestone, concrete and brick rubble; 0.55m black granular material; 0.65-1.2m re, brown colliery shale. The photos show similar conditions to those shown in the SGP investigation. TP5 was taken further east and reported topsoil overlying stiff sandy clay. The sample taken from TP5a reported an elevated total sulphate concentration of 16,000 mg/kg which was attributed to the former Oleum Plant where Oleum (pyrosulphuric acid) is used in the manufacture of sulphuric acid. However, upon reviewing the historical mapping, this building was located off-site, to the south. Therefore, it is more likely that they encountered the acid drainage channel.

3.5.5. Using the information provided in previous reporting, the acid drain system seemingly led from the former ROF Oleum Plant to the southeast, across the site, and then into the main drainage system that served the ROF factory following lime treatment. Elevated sulphate was reported within the trial pit excavated to the east and elevated benzo(a)pyrene and hydrocarbons were reported in the closest trial pit undertaken in the drainage system to the west.

4. Site Location and Development Proposals

4.1. Site Details and Location

4.1.1. The Site is located on Wrexham Industrial Estate, lying approximately 5.13km to the east of the centre of the city of Wrexham, as shown below in Figure 4.1.

Table 4.1: Site Details

Address	108 Abbey Road South, Wrexham Industrial Estate, LL13 9RF
National Grid Reference	SJ 38674972
Local Authority	Wrexham County Borough Council
Site Areas	approximately 0.2 Ha
Current Use of Sites	Car parking for the adjacent units to the north.
Proposed Use	Three commercial / industrial units with associated parking and bin storage

Figure 4.1: Site Location



Reproduced with the permission of the Ordnance Survey @Crown Copyright Licence No. 100005799

4.2. Proposed Development

4.2.1. Proposals are for the construction of 3 commercial / industrial units with associated parking and bin storage. Details of the proposed layout are provided in the 'Proposed Site Plan, Industrial Unit, Abbey Road South' (ref. ARD-TACP-PS-00-DR-A-702_Proposed_Site_Plan), a copy of which is presented in Appendix A.

5. Development History and Current Status

5.1. Historical Development

5.1.1. A summary of significant features, developments and land uses shown on historical Ordnance Survey maps is provided in Table 5.1 below. Copies of selected maps are provided in Drawings D01-D08.

5.1.2. Only key features of interest are summarised below; for full details reference should be made to the complete set of historical mapping, as provided by Envirocheck (provided in Appendix C). Where key features have been observed their distance to the closest part of the respective proposed development is made.

Table 5.1: Summary of Development History

Map	Site	Surrounds (<i>all distances are approximate</i>)
1872-1881 1:2,500 <i>See Drawing D01 (1873)</i>	The site is part of a larger open field.	The site is located in an agricultural area with the property of 'Little Bryn' located 108m to the east. A field boundary of trees and a footpath hugs the southern site boundary, and 9 ponds are located within 250m of the boundary.
1875 1:2,500	<i>Mapping not available.</i>	<i>Mapping not available.</i>
1879 1:10,560	No significant change to site.	No significant change to surrounds.
1881 1:10,560	No significant change to site.	No significant change to surrounds.
1899 1:2,500	No significant change to site.	A pond 178m to the south is no longer marked.
1899-1900 1:10,560	No significant change to site.	No significant change to surrounds.
1900 1:10,560	<i>Mapping not available.</i>	<i>Mapping not available.</i>
1911-1912 1:2,500 <i>See Drawing D02 (1911)</i>	No significant change to site.	No significant change to surrounds.
1913 1:10,560	<i>Mapping not available.</i>	<i>Mapping not available.</i>
1914 1:10,560	No significant change to site.	No significant change to surrounds.
1938-1954 1:10,560	No significant change to site.	No significant change to surrounds.

1954 1:10,560	A building has been constructed in the east and north-eastern portion of the site.	Numerous unspecified large buildings (likely commercial / industrial) have been constructed within 15m of the west boundary. Further commercial / industrial development has also occurred approximately 200m to the north and 400m to the north / northeast. These areas are connected via railway lines that fork 330m other north with one line running 18m to the east of the site and the other 200m to the northwest, ending 70m from the northwest corner. The pond 118m to the west has been infilled. Anecdotal information suggests that the development within the site and wider surrounding area is associated with the Royal Ordnance Factory (ROF) which occupied the wider area at this time.
1961-1972 1:2,500 <i>See Drawing D03 (1961)</i>	The site is now occupied with 2 small buildings in the east and west, part of a larger building in the northeast portion, a road linking to Abbey Road, and an embankment in the south of the site.	Further commercial / industrial development has occurred in all directions from the site forming part of the now annotated 'Wrexham Industrial Estate'. Many of the buildings constructed in the vicinity of the site (the nearest encroaching on the northeast portion of the site) are labelled 'Works' with 'Hydrant(s)' frequently annotated to the north, south and west. An electrical substation has been marked adjacent to the northeast section of the site with a larger section being marked 30m to the north with electricity pylons leading to the east and the south. Little Bryn to the east has expanded with a few buildings to the east, 200m from site. Four of the ponds around the site still remain and 3 more have been mapped; 271m to the east, 355m to the northeast, 375m to the southeast, and 386m to the east / southeast.
1964 1:10,000	No significant change to site.	A possible pit or embankment is mapped approximately 40m to the northeast
1968 1:10,000	<i>Mapping not available.</i>	<i>Mapping not available.</i>

1970-1979 1:10,000 <i>See Drawing D05 (1968)</i>	The two buildings located on site (west, and northeast section) have been removed from site and the area has been mapped as a 'depot'. The only thing remaining on site is an access road crossing the site from east to west from Abbey Road.	The various buildings to the south of the site and the railway lines to the north have been removed. Further development has occurred near Little Bryn, with tanks (118m E), a training centre (224m NE), a depot (235m E), and a large power cables factory (353m SE) being constructed.
1972-1985 1:2,500 <i>See Drawing D04 (1972-1974)</i>	No significant change to site.	Further expansion of 'Wrexham Industrial Estate' has occurred with the construction of a smaller substation 62m to the southwest and a building 112m to the south. An engineering works has been mapped 170m to the southwest. Two tanks have been mapped 130m and 190m to the west, associated with the factory.
1976 1:10,000	<i>Mapping not available.</i>	<i>Mapping not available.</i>
1982-1990 1:2,500 <i>See Drawing D05 (1982-1990)</i>	No significant change to site.	The building to the north of the site has been demolished and a larger building has been constructed, adjacent to the northern site boundary.
1983 1:10,000	<i>Mapping not available.</i>	<i>Mapping not available.</i>
1987-1990 1:10,000	No significant change to site.	No significant change to surrounds.
1989 1:2,500 <i>See Drawing D06 (1989)</i>	No significant change to site.	The collection of building with the chimneys and drains 160m to the north has been demolished.
1990 1:2,500 <i>See Drawing D07 (1990)</i>	No significant change to site.	Two more large buildings have been constructed 78m and 150m to the southwest.
1992 1:2,500 <i>See Drawing D08 (1992)</i>	No significant change to site.	The building adjacent to the north boundary has expanded to the full length of the site. The large circular structure to the north has been removed.
1992-1993	No significant change to site.	No significant change to surrounds.
1993-1994 1:10,000	No significant change to site.	Another building has been constructed 130m to the northwest and 2 have been demolished 265m to the southwest.
1994 1:2,500	<i>Mapping not available.</i>	<i>Mapping not available.</i>

1995 1:2,500	<i>Mapping not available.</i>	<i>Mapping not available.</i>
1999-2000 1:10,000	No significant change to site.	One of the substation buildings 11m to the northeast has been removed.
2003 1:10,000	No significant change to site.	Another building has been constructed 260m to the southwest.
2006 1:10,000 / aerial imagery	An electricity pylon and a structure has been mapped on the western boundary. The southern half of the site is covered with grass.	Further development of Wrexham Industrial Estate has occurred with new buildings being mapped 5m to the south and 45m to the southeast, the expansion of the building 30m to the northwest. An area 40m to the northeast has now been mapped as woodland.
2007 Aerial imagery	No significant change to site.	No significant change to surrounds.
2009 1:10,000	No significant change to site.	No significant change to surrounds.
2013 1:10,000	No significant change to site.	A large recycling centre has been constructed 150m to the north.
2016 1:10,000	No significant change to site.	No significant change to surrounds.
2018 Aerial imagery	The southern half of the site is now covered with hardstanding with vehicle parking and material storage. A structure is visible in the east of the site.	No significant change to surrounds.
2021 1:10,000 / Aerial imagery	A structure has been mapped on the northeast section of the site. The structure noted on previous imagery in the east of the site has been removed.	The building 5m to the south and 30m to the northwest have changed footprint and two small buildings; 50m to the northwest, and 45m to the south, have both been removed.
2022 1:10,000 / aerial imagery	No significant change to site.	Buildings to the 95m to the east and 130m to the southeast have changed footprint.

Note: Dates refer to dates provided on OS mapping; actual dates may differ

5.2. Additional Information

5.2.1. The information outlined above from the historical maps is supplemented by the extensive in-house knowledge SGP holds on the historical development of the industrial estate and additional mapping and information provided by WCBC following consultation.

5.2.2. The site and immediate surrounds originally comprised agricultural land until it was incorporated within the Wrexham Royal Ordnance Factory (ROF), which according to anecdotal information was constructed from 1939 and became operational in 1941. The ROF occupied an area in excess of 1,400 acres and undertook the manufacture of cordite, a composition of nitro-glycerine and nitro-cellulose, and finely divided nitro-guanidine was added to make the product 'Flashless'.

- 5.2.3. Operations ceased at the ROF in 1945 and the area subsequently became utilised as an industrial estate for a wide variety of operations. Following the cessation of the ROF and removal of the associated buildings and railway line, the site became part of a 'depot', then a 'works' and is currently used for parking for the adjacent industrial units to the north.
- 5.2.4. Part of the wider Wrexham Industrial estate was used for the manufacture of capacitors from about 1951 and widespread tipping of associated waste occurred across areas of the Estate; extensive polychlorinated biphenyl (PCB) contamination was subsequently identified, particularly within the estate drainage system.
- 5.2.5. WCBC have provided information regarding a landfill known as the 'PCB cell' approximately 96m to the northwest of the site and occupying an area of ~4,000m². WCBC has confirmed that this was formed as part of remediation works undertaken on nearby land approximately 30 years ago. Contaminated soils demonstrating PCB concentrations above 20ppm but less than 1% total volume were excavated and placed in the landfill; soils contaminated above 1% total volume were removed offsite for incineration.
- 5.2.6. WCBC have also provided information regarding an acid drainage channel that served the former ROF. The reports state that the waste acidic liquids / waters, together with other materials from the Acids Section of the ROF were treated with lime and then discharged into a process (acid) 'drainage channel' (service duct) provided with brick sides, concrete base and concrete slabs. The drain is described as being routed in a westerly direction along Marlborough Road and across Dunster Road with the liquids ultimately being discharged to Redwither Brook following lime treatment. Trial pits undertaken within the drainage channel found it to be backfilled with clay, concrete and brick demolition material and waterlogged. This description is consistent with a trial pit undertaken as part of another investigation to the east of the site.
- 5.2.7. The site was developed in the late 1940's / early 1950's, long since the Acid Drain remained in use. It is possible but unknown whether this section of the drain was removed from the site as part of the development works. It is also noted in the reviewed reporting to the east and west of the site in 2007 and 2009 that entries targeted the former acid drain and recorded elevated benzo(a)pyrene (BaP) and hydrocarbons (EC21-35) to the west and elevated sulphate to the east when compared to the guideline values used at the time. When compared to the current human health criteria LQM/CIEH S4ULs for commercial areas, only the BaP exceeds. Elevated sulphate is not a risk to human health and therefore does not have human health criteria to compare to.

5.3. Present Land Condition

5.3.1. A summary of existing significant features, recent activities and land uses shown on contemporaneous aerial photography, site inspections and anecdotal evidence is provided in Table 5.2 below.

Table 5.2: Present Land Condition

Site Description	The Site currently forms part of the car park of the neighbouring industrial unit to the north.
Access	Access to the Site is via Abbey Road South to the west of the site.
Boundaries	The site boundaries consist of crash barriers onto the industrial buildings to the north, fencing onto the adjacent substation in the northeast, fencing onto vacant land to the east, fencing onto an access road to the industrial unit to the south, and an electricity pylon with a small metal encased building and Abbey Road South to the west.
Services / Wayleaves	Service plans have not been obtained as part of this study. One manhole cover was present in the southwest corner but other indicators of the presence of underground services (e.g., markers or scarring of the site surface) were not observed during the walkover.
Rights of Way	No rights of way cross the site.
Structures	A small brick guardhouse was positioned in the northwest corner of the site and a small brick shed with metal facing doors was present in the east of the site. A free-standing canopy was also present in the northeast portion of the site.
Surfaces / Vegetation	The Site comprises hardstanding in the northern half adjacent to the industrial units and stone surfacing in the south to provided surface for car parking. Information provided by the client stated that vegetation was present in the northeast corner but was removed recently when a new fire escape was constructed on the north of the industrial units. No invasive species were noted; however, a formal ecological survey has not been undertaken as part of this assessment.
Contamination Sources	The presence of hardstanding, stone, and some brick was observed along the eastern boundary, which may be associated with historical structures. This is consistent with observations from the reviewed historical mapping. The site originally formed agricultural land before forming part of the wider ROF between 1939-1945, during which time the site appeared to remain as open land with no development according to review of an ROF layout plan for the site. Previous SI on neighbouring land investigated for the presence of urban contaminants which were identified as possible contaminants associated with the drain. Elevated BaP was reported to the west and elevated sulphate was reported to the east. Development on the site did not occur until the late 1940's / early 1950's when a building was constructed, presumably as part of the Industrial Estate. Various development has taken place over the years with mapping showing the presence of a depot, during which time the use and storage of fuels may have occurred. Made ground of an unknown depth and composition is likely to be present which may contain elevated concentrations of urban contaminants such as metals, PAHs and asbestos fibres. A PCB cell which formed part of remedial works within the industrial estate is understood to have taken place some 30 years ago with a cell located approximately 96m to the northwest.

	During the relocation and placement of PCB impacted soils there is potential for loss or cross-contamination to have occurred.
--	--

5.4. Historical Development Summary

Figure 3.1. Satellite Imagery of site



Red line shows approximate site boundary: for accurate boundary refer to plans in Appendix A

5.5. Adequacy of Information

5.5.1. Whilst there are some gaps in the historical map coverage it is considered that the available mapping provides adequate coverage of the Site and immediate surroundings to inform the assessment of potential ground conditions and contamination status of the Site.

6. Site Characterisation

6.1. The physical setting of the Site has been derived from the review of information detailed in Section 2. Key details are summarised below; for full details reference should be made to the supporting information provided in Appendix C.

Table 6.1: Environmental Setting

Setting and Topography	The Site is located approximately 5.15km to the southeast of Wrexham and lies within Wrexham Industrial Estate. It is located at an elevation of 30m Above Ordnance Datum (AOC) as shown by spot heights on contemporary OS mapping.
Geology / Ground Conditions	BGS, historical OS mapping and site observations indicate the potential ground conditions to be: <u>Made ground</u>: BGS mapping reports no presence of made ground (artificial deposit) on the site. However, due to the history of the site, made ground of an unknown depth and chemistry is anticipated to be present. <u>Superficial Deposits</u>: BGS mapping shows the Site to be underlain by Devensian Till-Diamicton (Boulder Clay) <u>Bedrock</u>: BGS mapping shows the Site to be underlain by bedrock of the Salop Formation – mudstone, sandstone, and conglomerate <u>Faults</u>: - The closest fault is mapped 1km to the northwest. <u>BGS Records</u> BGS records show there are no borehole entries on the site, however there are several in close proximity. The nearest available record is from a borehole drilled approximately 73m to the northwest of the site (ref: SJ34NE122) which describes the presence of made ground to 0.4m bgl (clay fill with concrete and brick), a layer of silty clay and black carbon-like material to 1.5m, underlain by sandy clay (boulder clay) to a depth of 37m bgl. This borehole is 1 of 4 boreholes (SJ34NE116, -118, -119 & -122) labelled as 'proposed chemical disposal', sunk into the area of the confirmed PCB cell. Entries are dated 1984-1986 and are presumably from investigation works prior to the disposal of wastes. The next closest is SJ34NE117, located 96m to the southwest. This is also labelled as 'proposed chemical disposal' and recorded the following ground conditions; 0-0.2m dark brown clayey topsoil, 0.2-1.4m brown silty clay, 1.4-2.0m red-brown silty firm clay, and 2.0-10m brown silty clay with layers of brown and grey silt.
Natural Ground Stability	The site is in an area where the risks from collapsible ground, landslide, running sand and shrinking and swelling clay are all very low, and where there are no specified compressible ground and ground dissolution hazards.

Hydrology / Drainage	The site predominantly comprises a mix of tarmac and gravel surface therefore drainage is anticipated to be mainly via surface infiltration with some runoff during periods of heavy rainfall onto Abbey Road South to the west. The nearest mapped surface watercourse is the Redwither Brook 480m to the southwest with the River Clwydog located approximately 737m to the south. A drain is also indicated 125m to the north. The Envirocheck report indicates that the site is not located within a designated flood risk zone from rivers or sea and is at low risk of flooding from surface waters.
Hydrogeology / Groundwater	The aquifer designations of the underlying geological units are: <u>Superficial Deposits:</u> Devensian Till: Secondary aquifer - undifferentiated Groundwater vulnerability: Low <u>Bedrock:</u> Salop Formation - Secondary aquifer A Groundwater vulnerability: Medium The Site is not located in a Source Protection Zone for drinking water abstractions. The nearest recorded water abstraction is 585m to the south associated with Calypso Soft Drinks Ltd. Shallow groundwater is anticipated to be limited to perched water within the made ground, particularly at the interface between granular made ground and the underlying natural cohesive soils. Perched water within lenses of sands and/or gravel within the Glacial Till is also likely. The presence of Glacial Till which has been confirmed to be of substantial thickness (>10m) according to BGS records is likely to minimise connectivity with the underlying bedrock aquifer which may provide baseflow to the River Clywedog.
Excavation / Mining	The reviewed historical maps have not identified any excavation works including historical mining or mineral extraction having taken place on or within the immediate surrounds of the site.
Landfill / Waste Disposal	The available information does not indicate any evidence of historical landfilling or waste disposal activities having taken place on the site; however, the Envirocheck Report describes the presence of a landfill 93m to the northwest. WCBC has provided information that the landfill was formed as part of remediation works undertaken on nearby land approximately 30 years ago. It has been reported that soils with PCB concentrations of between 20-10,00ppm were buried in this area. It is understood that disposed wastes were limited to natural and made ground soils rather than refuse or other degradable materials. The Envirocheck Report indicates the presence of a second landfill within 500m of

	the site boundary located approximately 400m to the west. It is reported that the landfill was operational from 1953 to 1983 and accepted industrial waste and liquid sludge; however, due to the distance between the landfill and the site and the underlying cohesive geology, it is not considered to be a source of contamination likely to affect the site.
Neighbouring Land use / Nearby Contaminative Activities	The site is located within Wrexham Industrial Estate and is therefore surrounded by a range of commercial / industrial land uses. Identified neighbouring land uses include manufacturing and production facilities such as Tradebe Healthcare, (medical waste disposal) and Complete Pest Control Services Wrexham (pest and vermin control), and various other commercial services and public infrastructure (i.e., recycling centres). Other than those specified in Table 5, no significant sources of contamination likely to affect the site have been detected from the neighbouring land uses. Remains of an 'acid drainage channel' as part the former ROF complex may cross the site at an approximate depth of 0.5m. No Pollution Incidents to Controlled Waters have been reported within 250m.
Radon	The Site lies within an area where between <1% of homes are estimated to be at or above the Radon Action Level.
UXO Risk	The UXO risk map identifies the Site as located within an area of Low Risk and a Luftwaffe target is located 416m to the west. A copy of the UXO risk map is provided in Appendix E.
Nature Conservation	The site has not been identified as being in any statutory or non-statutory designations. The site has not been identified as being in a nitrate vulnerable zone. No invasive weeds, such as Japanese Knotweed or Himalayan Balsam were observed during the site visit, although a formal survey has not been undertaken by SGP and not all parts of the site were inspected.

7. Preliminary Conceptual Site Model

7.1. Methodology

7.1.1. Information from the desk study has been used to identify the likely source-pathway-target relationships that may exist at the Site during and following the proposed development. Principal factors that may determine potential sources of contaminants at the site, receptor vulnerability and potential pathways have been identified and each assessed in turn to derive a Conceptual Site Model (CSM).

7.2. On-Site Sources

7.2.1. The historical mapping and information provided by WCBC indicates that the site remained largely unchanged as agricultural land since the earliest available mapping (1873) until sometime between 1938 and 1954 when construction of the ROF commenced. The ROF undertook the manufacture of 'flashless' cordite, an explosive used in the war, however from review of the historical mapping and provided ROF layout plan no buildings where such manufacturing took place was present on the site. However, review of reports covering land to the east and west of the site show an 'acid drainage channel' may cross the site. This carried waste acids and waters used in the production of Oleum from the ROF to Redwither Brook to the southwest following lime treatment. According to trial pits undertaken to the east and west, the channel was infilled with clay and demolition wastes. It is unknown whether the drainage channel was removed during the subsequent development of the site.

7.2.2. Following closure of the ROF in 1945, the site and wider area became utilised as an industrial estate for a variety of operations. Limited information is available on the use of the site during this early period with significant gaps in the historical mapping although mapping from 1961 shows 2 small buildings in the east and the west of the site with an access road running between them, a larger building on the northeast portion of the site, and an embankment running through the south of the site. By the 1970s, all 3 buildings and the embankment were removed, and the area was labelled as a 'depot'. The site did not change until 2006, when an electricity pylon was constructed in the west of the site and by 2021, the canopy observed during the site walkover was mapped on the northeast portion of the site.

7.2.3. Wrexham Industrial Estate has a legacy of PCB contamination issues as a result of the manufacture of capacitors from approximately 1951 and the historic tipping of associated wastes across the Estate. The areas of tipping were undocumented and could have therefore included the site. As a result of these activities, it is known that parts of the Estate's drainage network were impacted by PCBs which could potentially be a secondary source of contamination.

7.2.4. The acid drainage channel identified in historical mapping provided within SGP's previous report (R1303-R01) is potentially on site (but could have been removed during development of the

site). The previous reporting to the east and west which targeted the acid drain reported one elevated concentration of BaP and an elevated sulphate concentration which was attributed to the neutralising of acids before discharge into the drain. It is unlikely that acidic conditions exist, however elevated sulphate and BaP may be present.

7.2.5. The current use of the site is for the parking of vehicles and material storage where the minor loss of hydrocarbons through mechanical leaks or spills may have occurred, although no visual evidence such as surface staining was observed.

7.2.6. The site lies within an area where <1% of homes are estimated to be at or above the Radon Action level according to the Envirocheck Report meaning that basic radon protection measures are not required in any buildings or extensions.

7.3. Off-Site Sources

7.3.1. A landfill (referred to as the 'PCB Cell') containing PCB contaminated soils has also been identified 96m to the northwest of the site and WCBC has confirmed that this was formed as part of remediation works undertaken on a nearby parcel of land (although the exact location of the remediated site was not given). The works are understood to have included the recovery, transportation and placement of the contaminated soils within a clay lined cell which was subsequently capped. The potential for the buried material to impact the site is considered unlikely given the confirmed underlying geology of Glacial Till, however there is potential for aerial deposition of PCB impacted soils/dust during the remedial works which is likely to have involved significant mechanical disturbance of impacted soils. It is considered that there is potential for PCB impacted soils, although this is likely to be limited to surface material.

7.3.2. No sources of ground gas have been identified on or within the immediate surrounds of the site. The nearest landfill to the site is located 15m to the south associated with the PCB Cell. This is understood to consist of PCB impacted soils rather than significantly degradable wastes and so the potential for ground gas generation is considered limited. Furthermore, the confirmed underlying geology shows significant thickness of Glacial Till which will inhibit any lateral migration of minor volumes of ground gas which may be expected.

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

7.4. Potential Receptors

7.4.1. An industrial land use is proposed for the site involving the construction of three production facilities which will incorporate areas of office space. The site surface will be covered by hardstanding to serve as vehicle access and car parking.

7.4.2. The proposed use of the site would be considered as low sensitivity for a commercial / industrial use with respect to human health.

7.4.3. The principle vulnerable receptors with respect to potential exposure to any soil contamination that may be present for the proposed use will be:

- construction workers who may be exposed to contaminants during preparatory and construction / refurbishment works;
- future site users and site visitors;
- future maintenance workers;
- buildings / structures;
- controlled waters: underlying aquifers.

7.5. Human Health Risk Assessment

7.5.1. The potential for significant contamination to be present that may pose an acute risk to construction workers during the development is considered moderate based upon the site history and reviewed information.

7.5.2. Given the absence of any buildings associated with the former ROF on the site (according to the reviewed ROF layout plan), the risk of contaminants associated with the production of cordite is considered to be low.

7.5.3. Made ground was visible at the site surface along the east boundary. It is of an unknown depth and composition and is considered likely to be widespread across the site, however significantly deep deposits are unlikely to be present. The presence of made ground can contain elevated concentrations of heavy metals, PAHs, hydrocarbons and asbestos. Concentrations of such contaminants are unlikely to exceed commercial land use values, however the presence of which may require safe working procedures to be adopted, particularly if asbestos residues are present.

7.5.4. A PCB cell has been reported within 96m of the site and there is potential that during the placement of PCB impacted soils within the cell, aerial deposition of dusts onto the site surface may have occurred.

7.5.5. The site has more recently been used as a parking area for vehicles and fuel for the forklift trucks is also stored on site. Therefore, the potential for leaks of fuel / oil has therefore been considered, although this is unlikely to be a significant source impacting the site.

7.5.6. One landfill has been reported within 400m of the site, located 96m to the northwest associated with the burial of PCB impacted soils. The presence of significant quantities of degradable waste is considered unlikely and it is understood that the waste comprised impacted soils rather than refuse or similar ground gas generating materials. Limited organic materials (turf etc) may be present within the soils, however their encapsulation within the Glacial Till will inhibit any vertical and lateral gas migration.

7.5.7. The proposed use of the site is of low sensitivity with respect to human health; development proposals for site-wide hardstanding would break the main exposure pathway of ingestion and dermal contact reducing the long-term risk to site users.

7.5.8. The long-term risk to future site users is considered low based on the likely contaminants present. Human health exposure is likely to be limited to short-term exposure during the construction stage of development, particularly during excavation works where existing soils are disturbed. Exposure to construction workers during groundworks could therefore occur if appropriate mitigation measures / occupational hygiene is not implemented and maintained.

7.5.9. Control measures will also be required to prevent dust emissions, vehicle track out and run-off from the site in order to prevent impacts to the adjacent road (Abbey Road South) and surrounding commercial / industrial properties. Where these issues are associated with risks from contaminated ground, impacts are likely to be restricted to the construction stage of the proposed development.

7.6. Property Risk Assessment

7.6.1. The potential for chemical attack on construction materials (polymers) by possible localised soil contaminants is considered to be low, however characterisation of the made ground and shallow natural strata is required. High sulphate containing soils with the potential for aggressive conditions to certain classes of concrete may be present in the area of the former ROF acid drainage channel.

7.7. Controlled Waters Risk Assessment

7.7.1. The site is in an area of low/moderate sensitivity as far as groundwater is concerned with unproductive Glacial Till (undifferentiated) overlying a Secondary A aquifer within the Salop Formation. The widespread mapped cover of Glacial Till across the site will limit the migration of any mobile contaminants; the risks to the underlying bedrock aquifer are therefore considered to be very low.

7.7.2. The nearest surface watercourse is the Redwither Brook located approximately 480m to the southwest of the site. The watercourse is at a distance where impacts from the site is considered to be negligible, particularly when compared to that of the wider surrounding area.

7.7.3. No contamination sources with the potential to significantly impact controlled waters have been identified, however it is recognised that there is potential during the construction phase where run-off and track-out may occur if environmental controls are inadequate.

7.8. Preliminary Conceptual Site Model (CSM)

7.8.1. The preliminary CSM has been derived for the site using the information described above, describing the potential contamination sources, pathways and receptors and is summarised below in Table 7.1:

Table 7.1: Preliminary Conceptual Site Model

Receptor	Source / Contaminant	Pathway / Exposure	Pollutant Linkage (in absence of mitigation)	Further Works
1. humans – construction workers / future maintenance workers	metals / metalloids / asbestos / PAHs hydrocarbons / PCBs	dermal contact / ingestion / inhalation – short term exposure	Possible – Made ground of unknown provenance is likely to be present beneath the site surface. An acid drainage channel associated with the ROF complex has been identified to the west and the east of the site and may be present with BaP impacted soil crossing the centre of the site. The site was formally occupied as a depot and most recently used for the storage of a forklift and its fuel during which time there was potential for leaks or spills of fuels. The potential for site soils to have been cross-contaminated during the placement of PCB impacted soils within the nearby 'PCB Cell' is a possibility although it is likely that any such aerial deposition will be limited to surface soils.	Site investigation including shallow soil sampling to determine the shallow ground conditions and chemistry. <i>mitigated through use of standard occupational hygiene measures; provision of services in clean back-filled trenches</i>
2. humans – future site visitors / workers	metals / metalloids / asbestos / PAHs / heavy hydrocarbons / PCBs	dermal contact / ingestion / inhalation	Unlikely – contaminants may be present in made ground; however, thresholds for industrial / commercial use are unlikely to be exceeded and exposure is likely to be limited under the development proposals with side-wide hardstanding	Site investigation including shallow soil sampling to determine the shallow ground conditions and chemistry. <i>mitigated through provision of surfaced hardstanding / built development</i>
	ground gas (methane, carbon dioxide)	accumulation within voids, confined spaces and service runs to toxic concentrations	Unlikely – A landfill has been identified within 100m although information provided by WCBC confirmed this was to accept PCB impacted soils from the wider Wrexham Industrial Estate rather than the burial of refuse or degradable materials. Significant ground gas generation is considered unlikely. Encapsulation within clay will also inhibit any lateral migration from limited buried sources such as turf etc/ which could be present.	Site investigation including shallow soil sampling to determine the shallow ground conditions and chemistry. No requirement for gas monitoring programme based on current information.

Receptor	Source / Contaminant	Pathway / Exposure	Pollutant Linkage (in absence of mitigation)	Further Works
	radon gas from natural ground		Unlikely – <1% of homes are estimated to be at or above the Action level.	Radon protection measures are not required
	VOC vapours from soil / groundwater sources		Low Likelihood – Limited potential for leaks and spills associated with former use as a depot and current use as car park / forklift fuel storage.	Site investigation including shallow soil sampling to determine the shallow ground conditions and chemistry.
3. humans – adjacent site users	metals / metalloids / asbestos / PAHs / hydrocarbons / PCBs	windblown / dermal contact / ingestion / inhalation	Low Likelihood – Significant concentrations of mobile contaminants which could be remobilised during construction works are unlikely to be present although the presence asbestos fibres cannot be discounted.	Site investigation including shallow soil sampling to determine the shallow ground conditions and chemistry. <i>Dust suppression techniques may be required during construction works</i>
4. property / services	ground gas (methane)	accumulation within voids, confined spaces and service runs to flammable concentrations	Unlikely – A landfill has been identified within 100m although information provided by WCBC confirmed this was to accept PCB impacted soils from the wider Wrexham Industrial Estate rather than the burial of refuse or degradable materials. Significant ground gas generation is considered unlikely. Encapsulation within clay will also inhibit any lateral migration from limited buried sources such as turf etc/ which could be present.	No Actions
	pH, sulphate	chemical attack of buried concrete and plastic materials	Low-Likelihood – High sulphate conditions are unlikely but cannot be ruled out due to the former ROF acid drainage channel identified to the west and the east of the site. Contaminants with the potential to permeate water supply pipes are unlikely to be present.	Site investigation including shallow soil sampling to determine the shallow ground conditions and chemistry to include testing of foundation bearing strata for pH and Soluble Sulphate.
4. vegetation / landscaping	leachable metals / metalloids may be present within made ground / natural soils	plant uptake	Low-Likelihood – No evidence of vegetation impacted by site soils within current soft landscaping along the eastern and western boundary	Site investigation including shallow soil sampling to determine the shallow ground conditions and chemistry.

Receptor	Source / Contaminant	Pathway / Exposure	Pollutant Linkage (in absence of mitigation)	Further Works
5. ecosystems / protected species & habitats				
n/a – no ecosystems / protected habitats in immediate vicinity				
6. surface waters	leachable metals / metalloids / PAHs / hydrocarbons	migration via shallow groundwater / surface water run- off.	Negligible – Surface watercourse at a significant distance where impact from the site is considered to be negligible compared to the wider area. Widespread cover of hardstanding and surface water drainage system will reduce infiltration / leaching rates	No actions
7. groundwater – Secondary undifferentiated (superficial aquifer) Secondary A (bedrock aquifer)	leachable metals / metalloids / PAHs / hydrocarbons	migration via saturated zone	Unlikely - Significant mobile contamination on the site is unlikely. Any impact from the site (leaching of made ground) is likely to be negligible compared to the wider surrounding area. Groundwater in superficial deposits is limited to perched water within lenses of sands and gravels. Widespread cover of hardstanding and surface water drainage system will reduce infiltration / leaching rates in any case	No actions

7.9. Other Considerations

Ground Stability – Natural Hazards

- 7.9.1. The site is in an area where the risks from collapsible ground, landslide, running sand and shrinking and swelling clay are all very low, and where there are no specified compressible ground and ground dissolution hazards.
- 7.9.2. The reviewed historical mapping does not identify any areas of infilled land or areas of potentially soft ground within the site.

UXO Risk Assessment

- 7.9.3. The UXO screening assessment has identified the Site as being located in an area of low risk with regard to potential unexploded ordnance. No further assessment of potential UXO risk is deemed necessary.

8. Conclusions and Recommendations

8.1. Conclusions

- 8.1.1. The historical review indicates that the site remained largely unchanged as agricultural land from 1873 until construction of the ROF which commenced in 1939. By 1941, the wider ROF complex was producing 'Flashless' cordite. The site which formed a small parcel of land within the ROF (which extended across the current Wrexham Industrial Estate Area) appeared to be undeveloped during this period. Historical mapping, provided in previous reporting show that whilst the site may have been undeveloped, an acid drainage channel may have crossed the site. The drain accepted neutralised acids and waters prior to discharge and has been associated with high sulphate concentrations off-site.
- 8.1.2. Following the closure of the ROF, the land was sold and developed into the existing Wrexham Industrial Estate. By 1961, the mapping shows 2 small buildings in the east and the west of the site with an access road running between them, a larger building on the northeast portion of the site, and an embankment running through the south of the site. By the 1970s, all 3 buildings and the embankment were removed, and the area was labelled as a 'depot'. The site did not change until 2006, when an electricity pylon was construction in the west of the site and by 2021, a structure was marked on the northeast portion of the site.
- 8.1.3. Part of the wider Wrexham Industrial Estate was used for the manufacture of capacitors from about 1951 and the widespread tipping of associated wastes lead to extensive PCB contamination across areas of the Estate, although it is unknown as to whether the site was impacted or not. WCBC has also provided information regarding an area of landfilling directly to the south of the site which is understood to have accepted PCB contaminated soils (referred to as the PCB Cell) approximately 30 years ago as part of nearby remediation works.
- 8.1.4. Potential on-site contamination is associated with the presence of made ground which is anticipated to be present across the site with an unknown depth and chemistry, however significantly deep deposits are not considered likely to be present. The presence of made ground can be associated with typical urban contaminants such as heavy metals, asbestos fibres and PAHs, as well as possible localised areas of hydrocarbon (fuel and oils) associated with leaks and spills from the storage of vehicles on the site and the former use as a depot.
- 8.1.5. There is the potential for an acid drainage channel to be present on the site associated with the former ROF Oleum manufacture. It is unknown whether the drainage channel remains on site as it may have been removed during the original development of the site. The drainage channel appears to be located outside the proposed development area; however, the presence of high sulphate conditions and elevated BaP cannot be ruled out and testing should be undertaken to confirm if BaP contamination and aggressive concrete conditions with regard to sulphate exist.

- 8.1.6. The presence of the PCB cell approximately 98m to the northwest is not considered likely to impact the site, however there is potential that during the remedial works to place impacted soils in the cell that aerial deposition of dust could have occurred across the site surface resulting in cross-contamination.
- 8.1.7. Contamination that may pose a significant constraint to the proposed industrial development is not anticipated. Moderate concentrations of contaminants may be present but are unlikely to exceed commercial land use screening values.
- 8.1.8. The surrounding land has been, and is, currently occupied by a variety of industrial land uses including the existing PCB Cell. The potential for mobile contaminants to migrate from off-site sources onto the site is considered unlikely given the protection afforded by the underlying cohesive soils which are likely to retard lateral migration.
- 8.1.9. The information provided confirms that the landfill to the northwest (PCB Cell) accepted PCB impacted soils from the wider industrial estate during remediation works some 30 years ago. It is understood that highly degradable waste materials such as refuse etc, were not landfilled and so the risk of a potential gas generating source is limited. The encapsulation of the buried soils within the confirmed Glacial Till will inhibit the lateral migration of any minor gas generation in any case.
- 8.1.10. The site is located within an area where <1% of homes lie above the Radon Action Level; meaning that radon protection measures are not required in new buildings or extensions.
- 8.1.11. The continued industrial use of the site is considered to be of low sensitivity with development proposals consisting of 3 industrial units with surrounding areas of hardstanding for vehicle access and car parking, no areas of soft-landscaping are proposed. Considering the proposed development, the history of the site and the anticipated contaminants, the risk to human health is low with exposure largely mitigated by the extensive hardstanding cover. The main risk to human health is to construction workers, particularly during any excavation works which may result in the direct contact / inhalation of contaminants, if present.
- 8.1.12. Similarly, releases (associated with existing ground contamination) from the site with the potential to cause pollution or harm/nuisance in the immediate surrounds are most likely during the construction phase when the maximum level of mechanical disturbance can be anticipated.
- 8.1.13. Based on the available information no particular constraints to the proposed redevelopment with regards to ground contamination has been identified and it is concluded the site is suitable for the proposed use with regards to ground contamination.

8.2. Recommendations

- 8.2.1. It is recommended that an intrusive investigation is undertaken to confirm the depth, chemistry

and composition of site soils. Soil sampling should also be undertaken and included analysis for a range of typical urban contaminants including metals, speciated PAHs, hydrocarbons and asbestos. Due to the potential for PCB and sulphate impacted soils to be present, representative samples of the shallow soils should also be submitted for PCB and pH / soluble sulphate analysis.

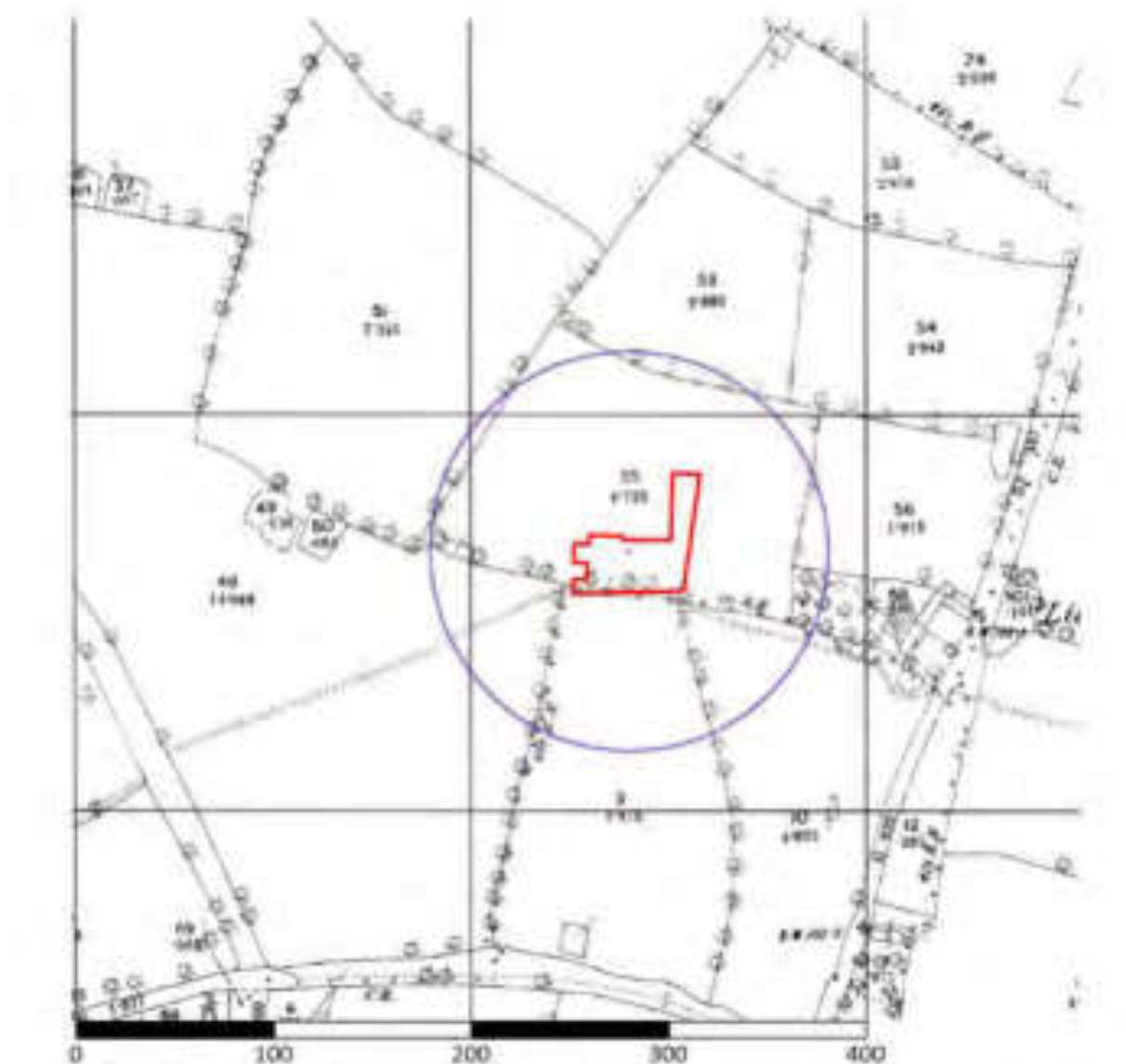
8.2.2. The proposed scope of the works should be submitted to WCBC Contaminated Land Officer for approval in advance of implementing

8.3. Limitations

8.3.1. This report has been prepared by SGP for the sole and exclusive use of J&M Construction. Reasonable skill, care and diligence has been exercised within the budget available, and in accordance with the technical requirements of the brief. Notwithstanding the efforts made by the professional team in undertaking the assessment and preparing this report, it is possible that other ground conditions and contamination as yet undetected may exist. Reliance on the findings of this report must therefore be limited accordingly. Such reliance must be based on the whole report and not on extracts which may lead to incomplete or incorrect conclusions when taken out of context.

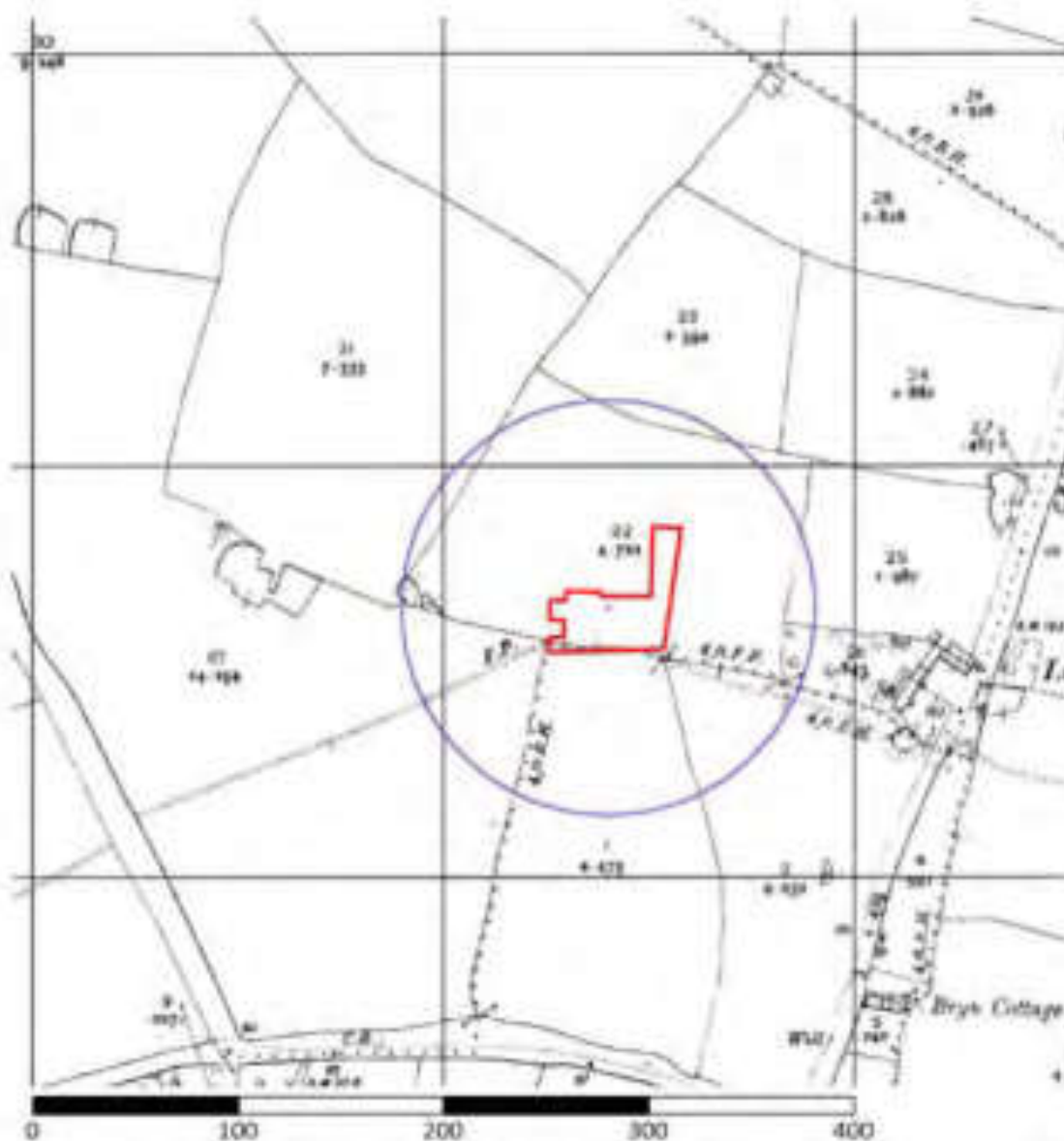
8.3.2. SGP reserves the right to alter any of the foregoing information in the event of new information being disclosed or provided and in the light of changes to legislation, guidelines and responses by the statutory and regulatory authorities.

DRAWINGS



D01: Historical Map – 1873 (1:2,500 scale)

Ordnance Survey: © Crown copyright. All rights reserved. Licence number 100005799



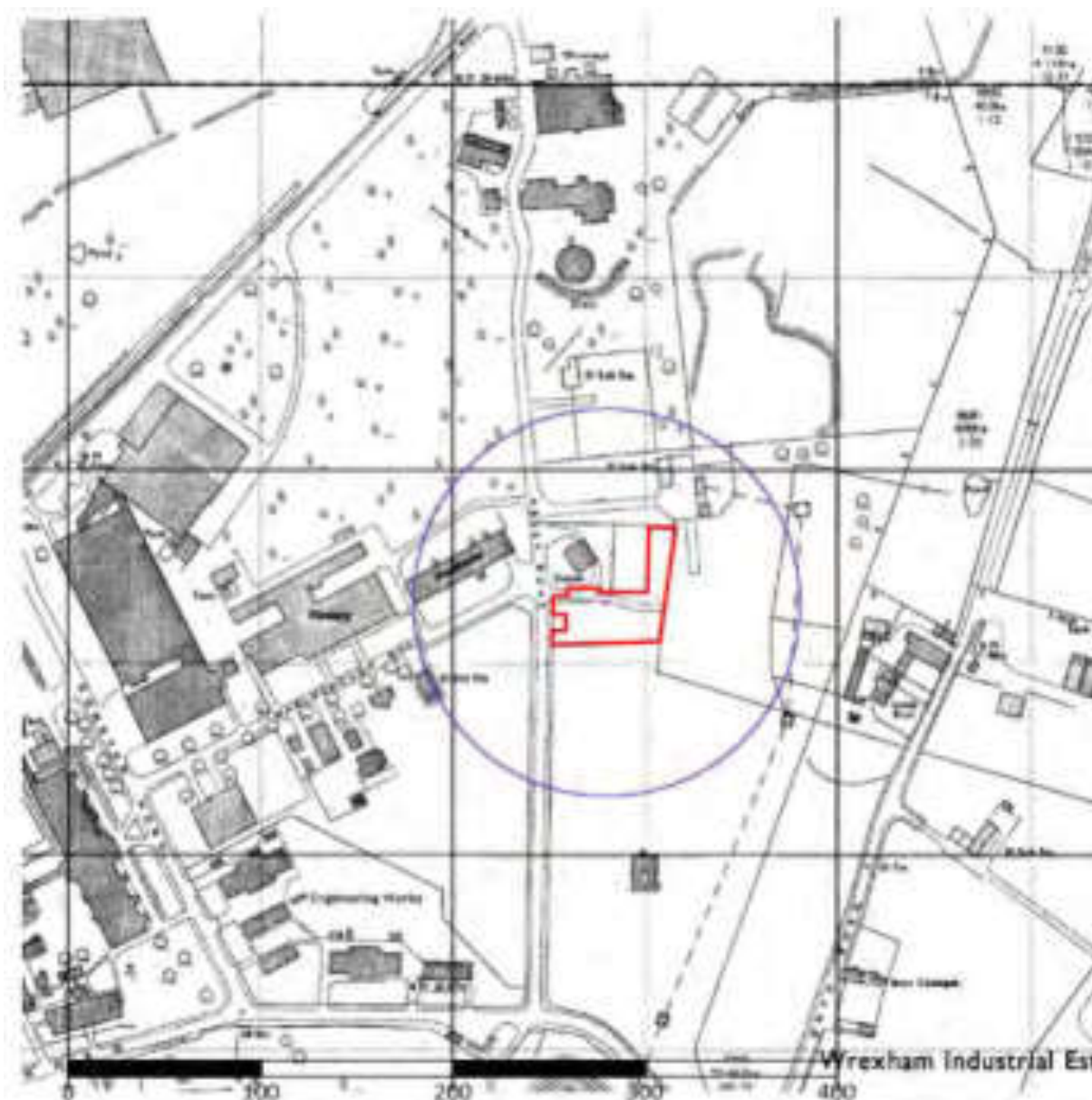
D02: Historical Map – 1911 (1:2,500 scale)

Ordnance Survey: © Crown copyright. All rights reserved. Licence number 100005799



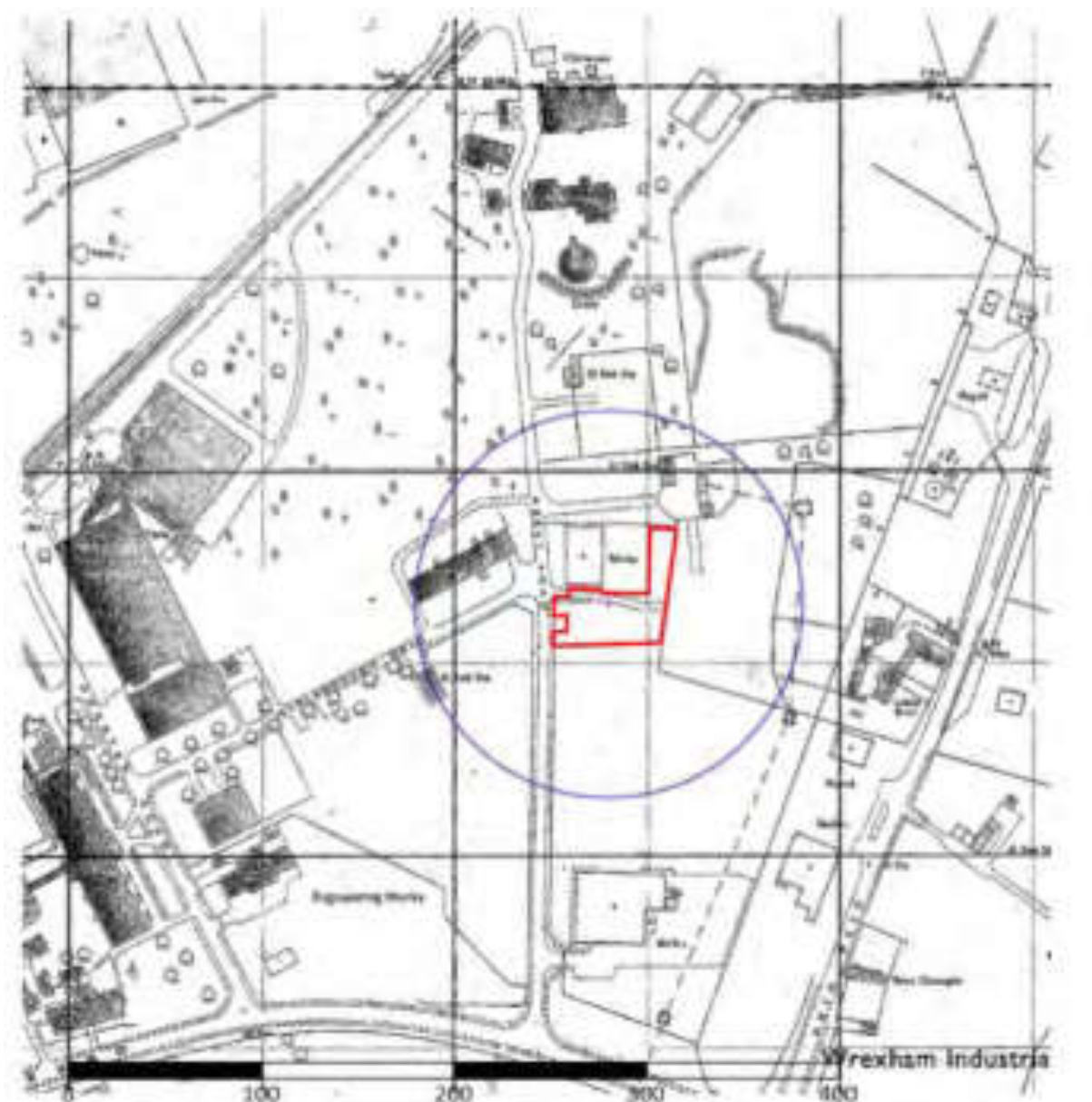
D03: Historical Map – 1961 (1:2,500 scale)

Ordnance Survey: © Crown copyright. All rights reserved. Licence number 100005799



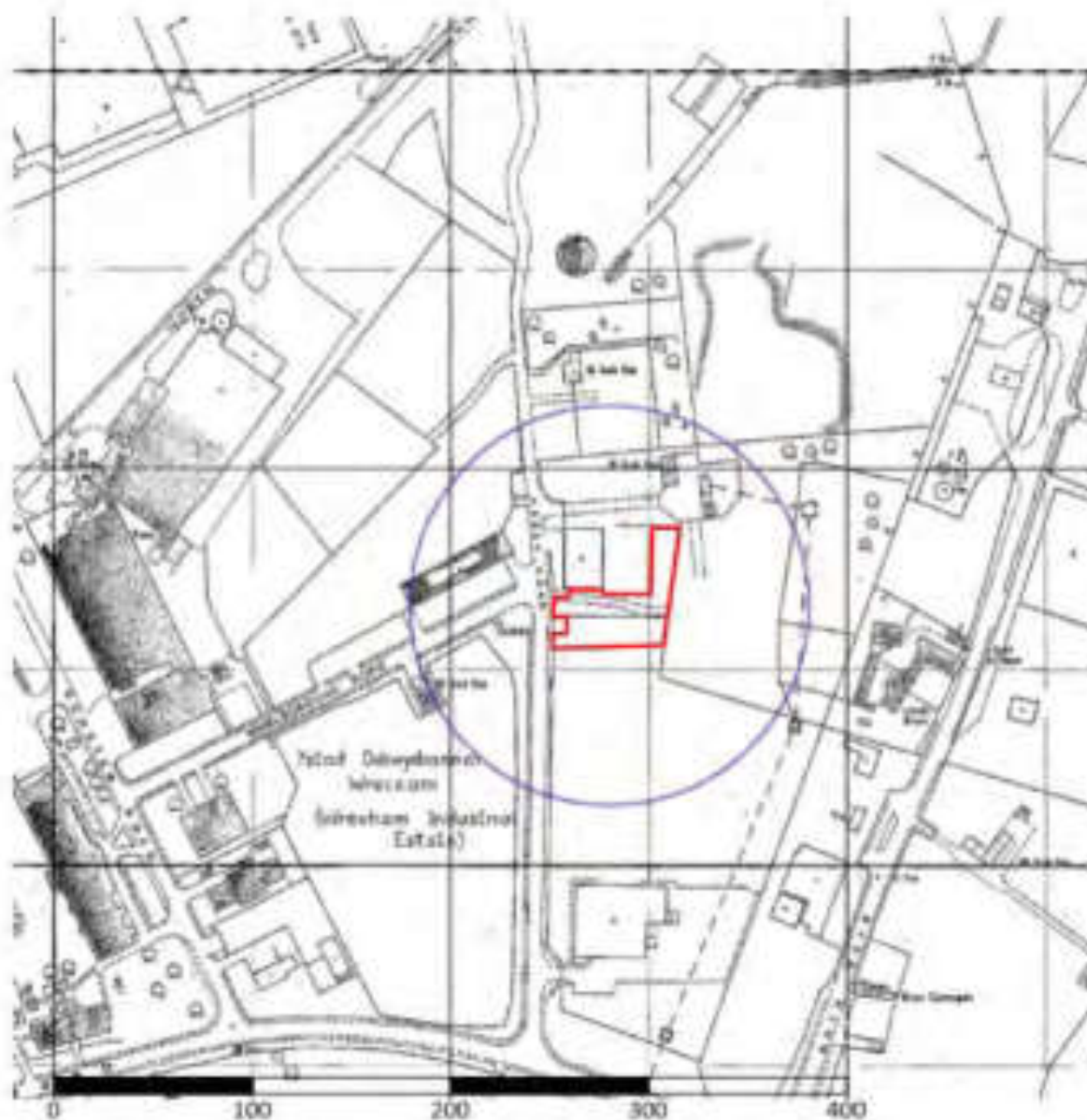
D04: Historical Map – 1972-1974 (1:2,500 scale)

Ordnance Survey: © Crown copyright. All rights reserved. Licence number 100005799



D05: Historical Map – 1982-1990 (1:2,500 scale)

Ordnance Survey: © Crown copyright. All rights reserved. Licence number 100005799



D06: Historical Map – 1989 (1:2,500scale)

Ordnance Survey: © Crown copyright. All rights reserved. Licence number 100005799



D07: Historical Map - 1990 (1:2,500 scale)

Ordnance Survey: © Crown copyright. All rights reserved. Licence number 100005799

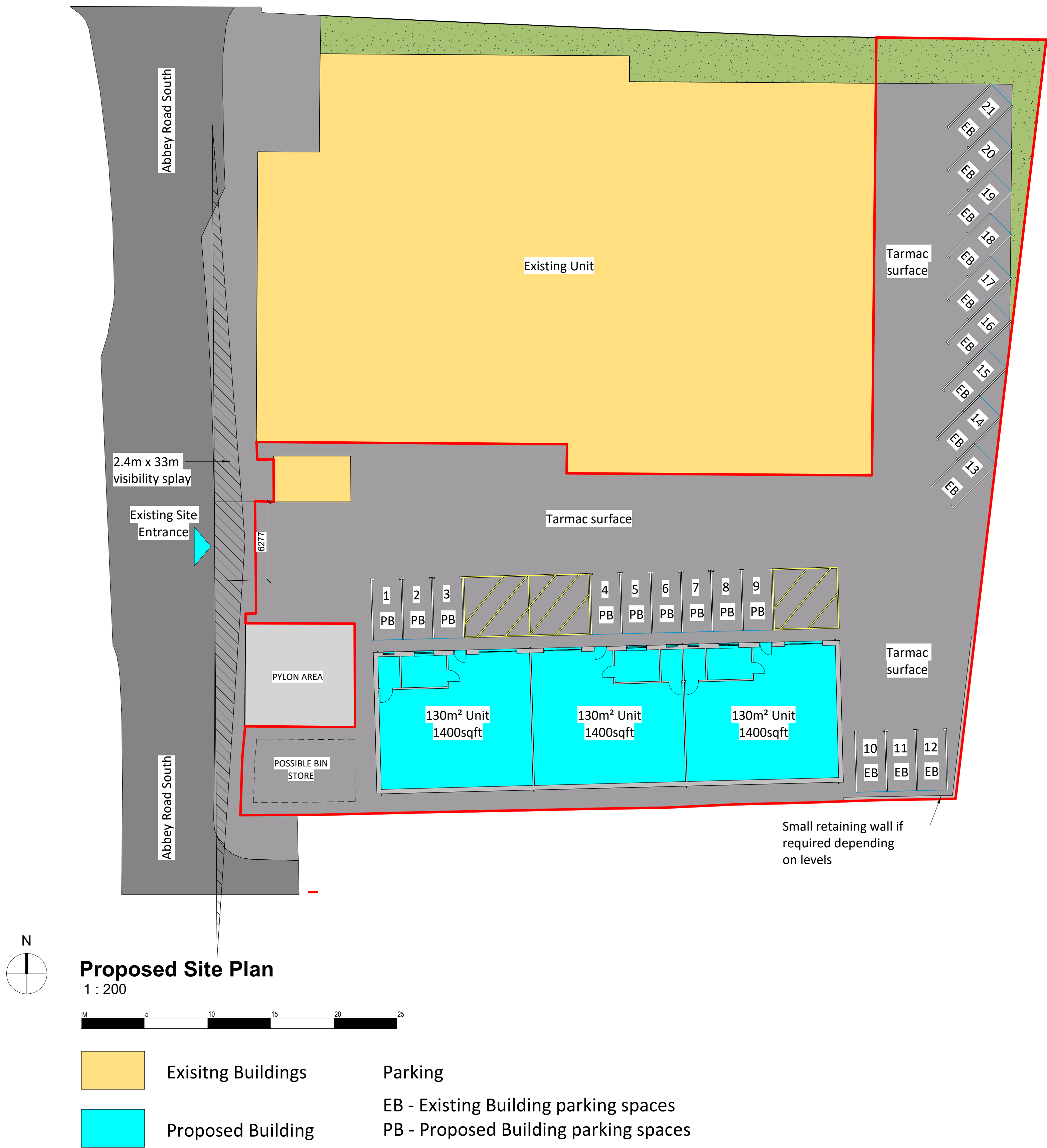


D08: Historical Map - 1992 (1:2,500 scale)

Ordnance Survey: © Crown copyright. All rights reserved. Licence number 100005799

APPENDIX A

Proposed Layout



- General Notes
1. Contractor to verify all dimensions and check level datums on site
 2. All of the designs are the sole property of TACP Architects Ltd and may not be used without their written agreement
 3. All prints, specifications and their copyright are the property of TACP Architects Ltd
 4. Do not scale off drawings
 5. All dimensions shall be checked on site before commencement of shop drawings, manufacture and all discrepancies must be reported to TACP Architects Ltd

Revisions					
Rev	Date	Description	By	Check	
P01	27/04/20	Visibility splay indicated and parking spaces indicated for each building	ACR	MG	

Consultants

Client
J & M Properties

Project Title
Industrial Unit, Abbey Road South

Drawing Title
Proposed Site Plan

Scale	Date	Drawn By	Checked By	Office
1 : 200@A1	29/01/20	ACR	MG	Wrexham

Job Number	Project•Originator•Zone•Level•Type•Role•Number	Revision
19064	ARD -TACP- PS- 00-DR- A- 702	P01

TACP Architects Ltd
Pembroke House
Ellice Way, Wrexham Technology Park,
Wrexham, LL13 7YT
01978 291161
admin@tacparchitects.co.uk
www.tacparchitects.co.uk

Architecture • Interior Design • Healthcare Planning • Conservation • Masterplanning • Sustainable Design



APPENDIX B

Photographic Record

1.



13.09.22 – Southwest corner of site with an old access gate.

2.



13.09.22 – Electricity pylon with small metal structure.

3.



13.09.22 – View east along southern boundary with large metal storage container

4.



13.09.22 – Southern half of the site surface

5.



13.09.22 – View of metal storage container in the west.

6.



13.09.22 – Site entrance from Abbey Road South

7.



13.09.22 – View of small brick office.

8.



13.09.22 – Site surface

9.



13.09.22 – Free standing canopy to be removed in the northeast

10.



13.09.22 – Made ground soils present on the east boundary

11.



13.09.22 – Made ground soils present on the east boundary

12.



13.09.22 – Fuel storage for forklifts

13.



13.09.22 – Northeast corner with off-site substation

14.



13.09.22 – View west from northeast corner

15.



13.09.22 – View south along east boundary

16.



13.09.22 – Northeast corner surface

17.



13.09.22 – View west across hardstanding towards entrance

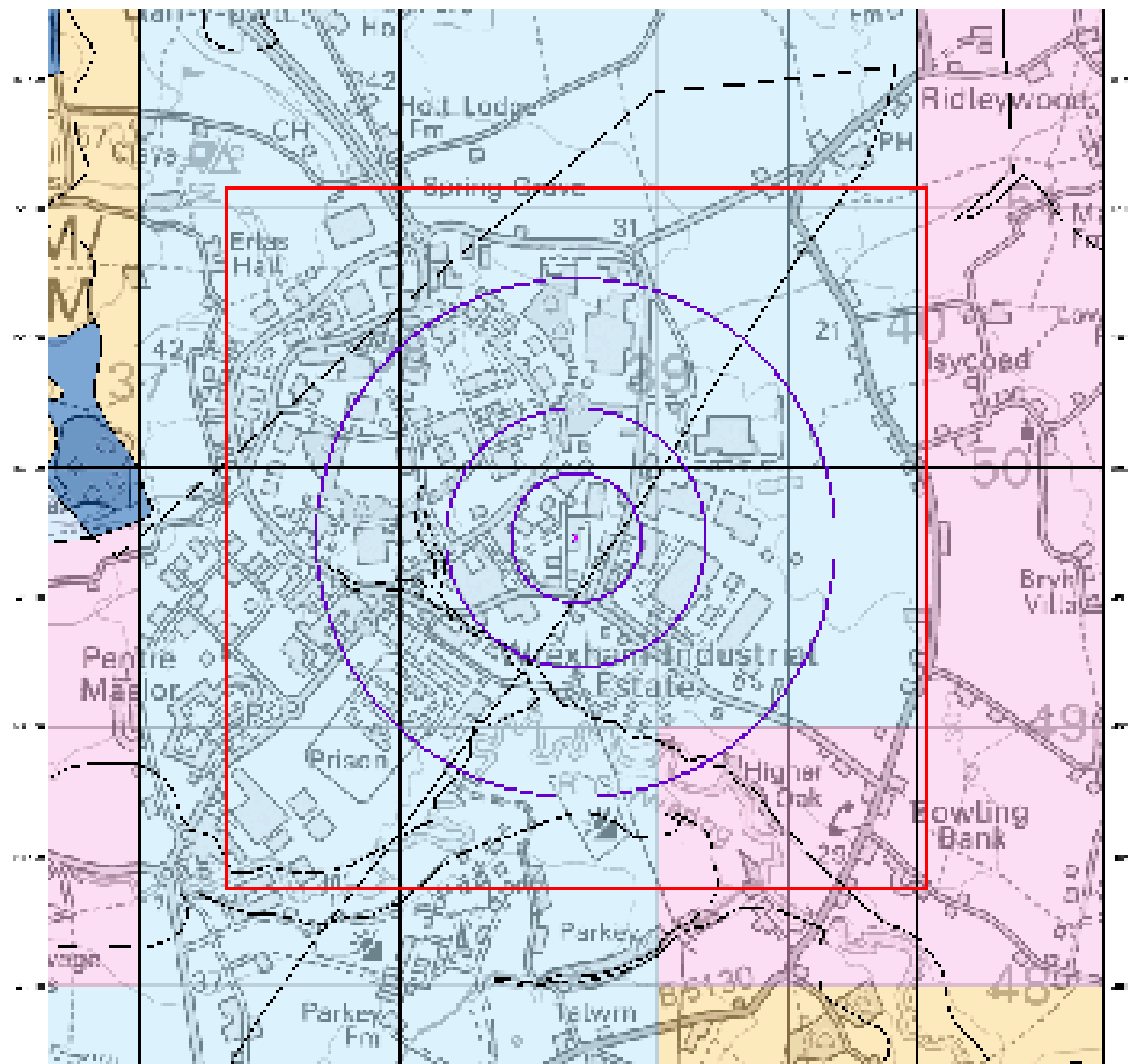
18.



13.09.22 – Free standing shed in the east.

APPENDIX C

Envirocheck Report (Including Historical Maps)



Envirocheck[®]

LANDMARK INFORMATION GROUP

Groundwater Vulnerability

General

Envirocheck[®] is a software tool used to assess the vulnerability of groundwater resources to contamination from land use changes.

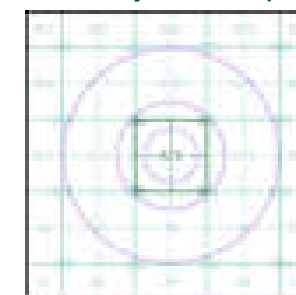
Agency and Hydrogeology

Geological Features	Geological Features
Permeable Alluvial Deposits	Permeable Alluvial Deposits
Impermeable Alluvial Deposits	Impermeable Alluvial Deposits
Permeable Sandstone	Permeable Sandstone
Impermeable Sandstone	Impermeable Sandstone
Permeable Limestone	Permeable Limestone
Impermeable Limestone	Impermeable Limestone
Permeable Chert	Permeable Chert
Impermeable Chert	Impermeable Chert
Permeable Gypsum	Permeable Gypsum
Impermeable Gypsum	Impermeable Gypsum

Legend

Scale

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Landmark
LANDMARK INFORMATION GROUP

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

Bedrock Aquifer Designation

General

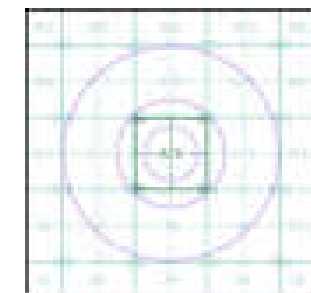
BOUNDARY OF SENSATIONAL DEAL LTD. SITE
 SEARCH BUFFER

Agency and Hydrogeology

Geology and Hydrogeology

- Unconsolidated Quaternary Deposits
- Consolidated Quaternary Deposits
- Consolidated Quaternary Deposits
- Consolidated Quaternary Deposits
- Consolidated Quaternary Deposits
- Consolidated Quaternary Deposits
- Consolidated Quaternary Deposits

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Superficial Aquifer Designation

General

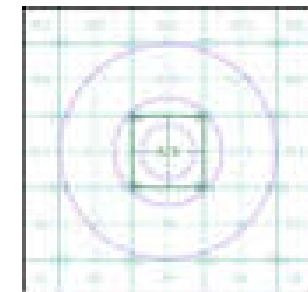
WRA1 - Wrexham Industrial Estate

Agency and Hydrology

Geology

- Alluvium
- Sandstone
- Limestone
- Slate
- Greenstone
- Unconsolidated deposits

Site Sensitivity Context Map - Slice A

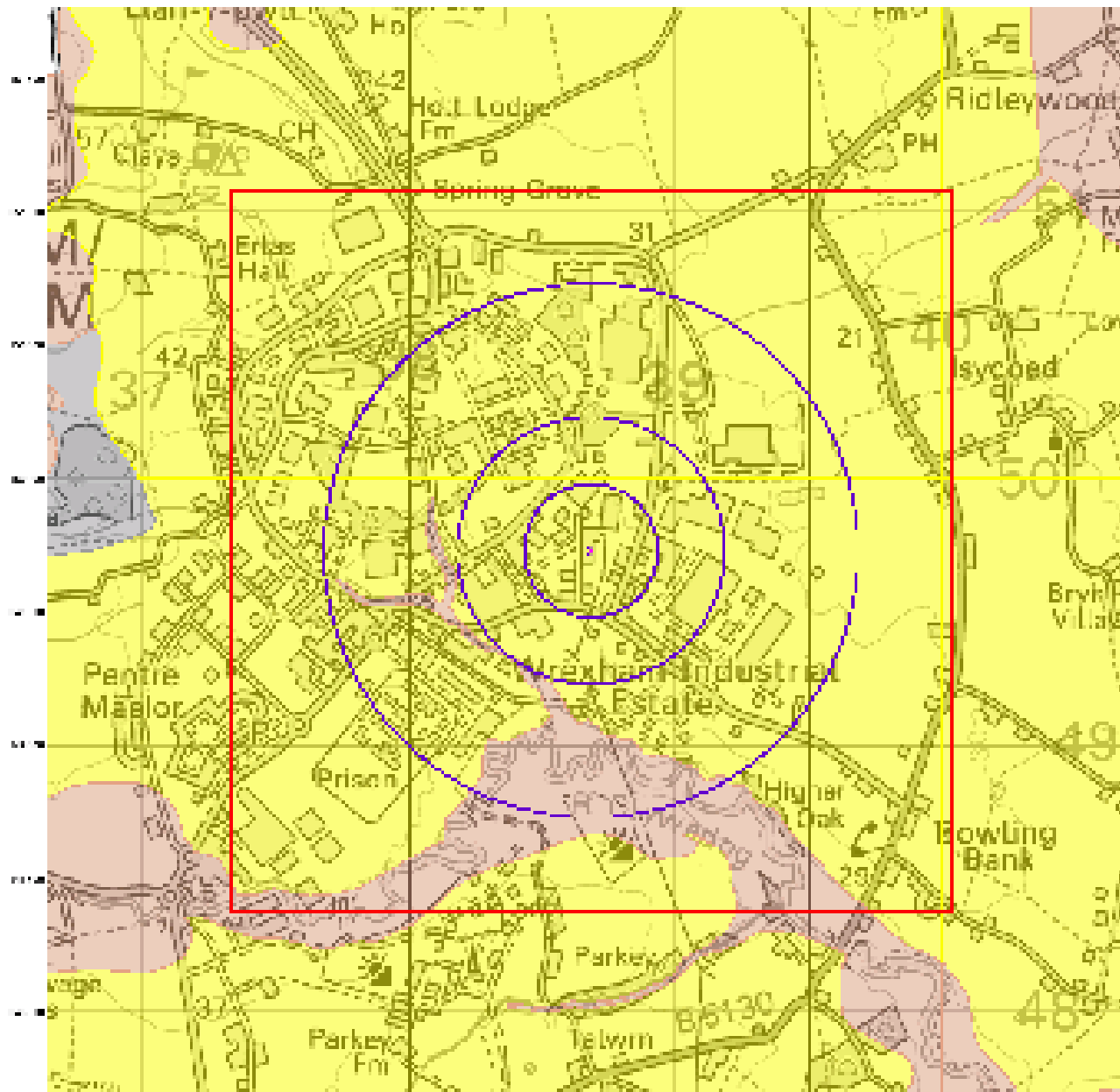


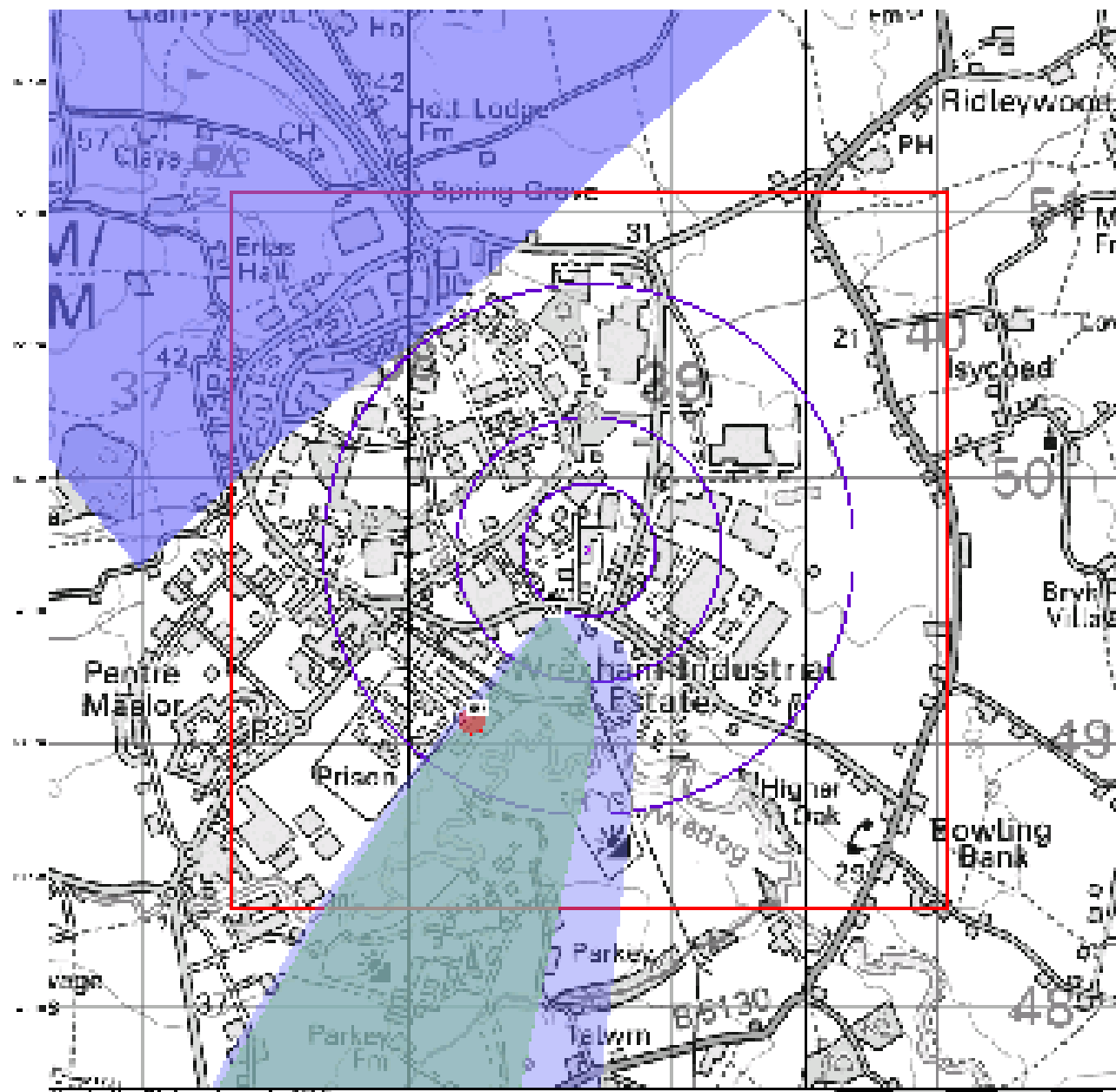
Order Details

Order Number: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF





Source Protection Zones

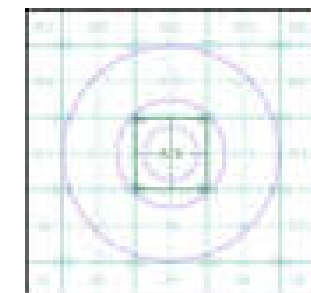
General

- SPZ1 - 0.5km
- SPZ2 - 1.0km
- SPZ3 - 1.5km
- SPZ4 - 2.0km

Agency and Hydrological

- Watercourse
- Watercourse (100m buffer)
- Watercourse (500m buffer)
- Watercourse (1000m buffer)
- Watercourse (1500m buffer)
- Watercourse (2000m buffer)
- Watercourse (2500m buffer)
- Watercourse (3000m buffer)
- Watercourse (3500m buffer)
- Watercourse (4000m buffer)
- Watercourse (4500m buffer)
- Watercourse (5000m buffer)
- Watercourse (5500m buffer)
- Watercourse (6000m buffer)
- Watercourse (6500m buffer)
- Watercourse (7000m buffer)
- Watercourse (7500m buffer)
- Watercourse (8000m buffer)
- Watercourse (8500m buffer)
- Watercourse (9000m buffer)
- Watercourse (9500m buffer)
- Watercourse (10000m buffer)

Site Sensitivity Context Map - Slice A

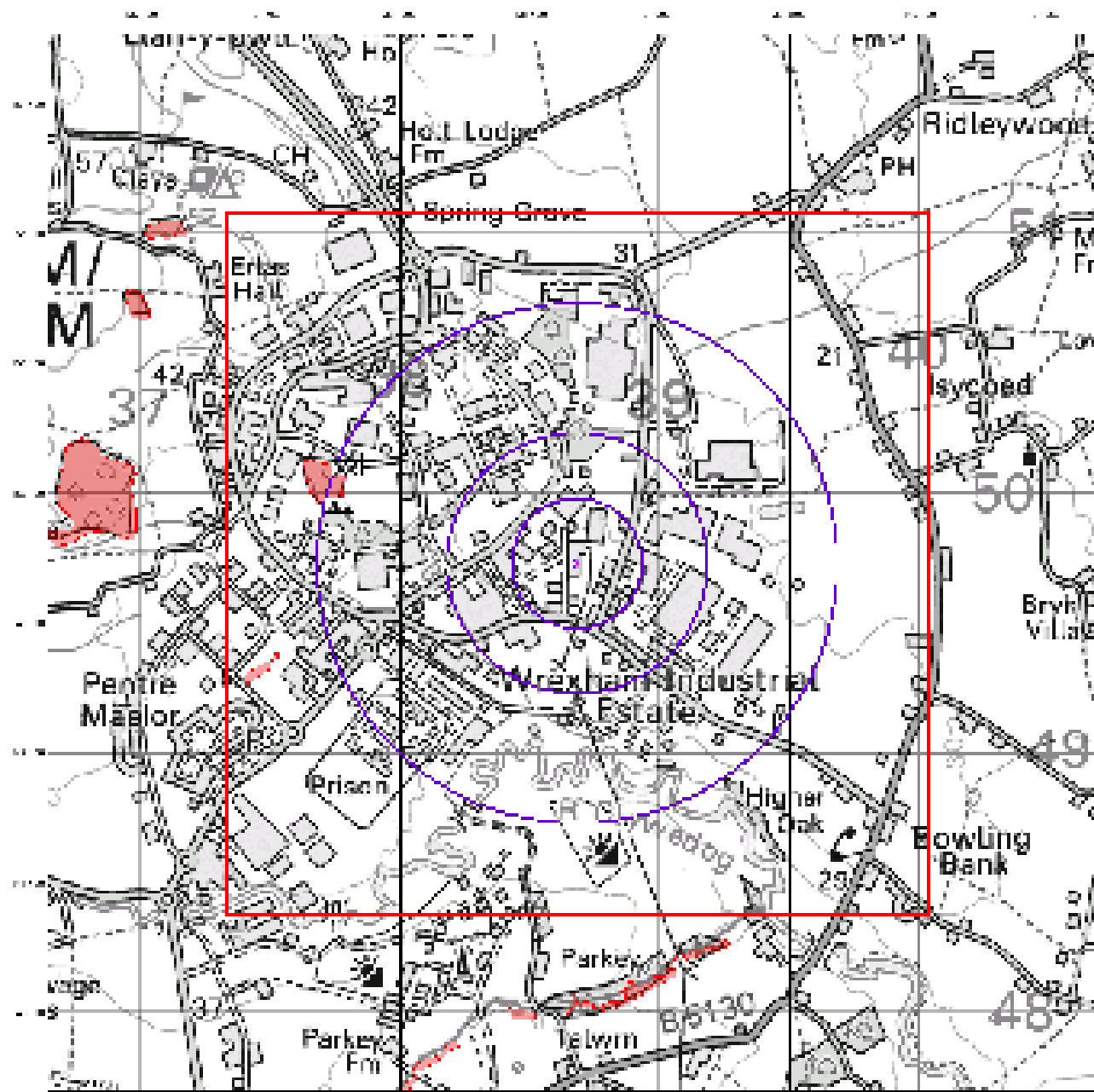


Order Details

Order Number: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



Envirocheck[®]

LANDMARK INFORMATION GROUP

Sensitive Land Uses

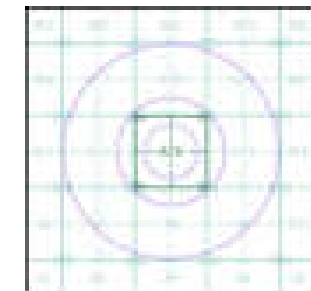
General

Sensitive Land Use
 Boundary

Sensitive Land Uses

Residential	Sensitive Land Use
Sensitive Land Use	Sensitive Land Use
Sensitive Land Use	Sensitive Land Use
Sensitive Land Use	Sensitive Land Use
Sensitive Land Use	Sensitive Land Use
Sensitive Land Use	Sensitive Land Use
Sensitive Land Use	Sensitive Land Use
Sensitive Land Use	Sensitive Land Use
Sensitive Land Use	Sensitive Land Use

Site Sensitivity Context Map - Slice A



Order Details

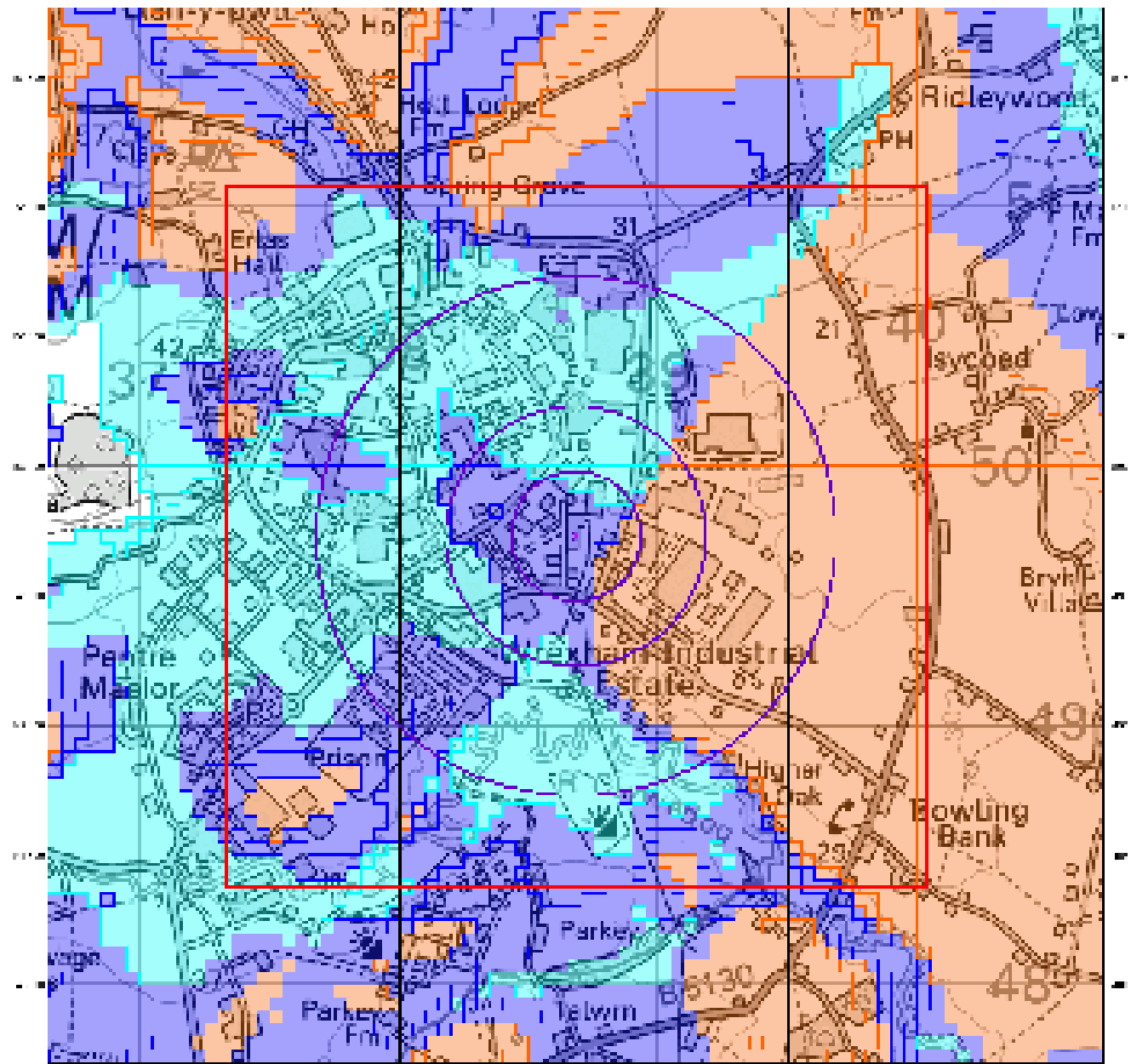
Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Landmark
LANDMARK INFORMATION GROUP

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



Envirocheck[®]

LANDMARK INFORMATION GROUP[®]

BGS Flood GFS Data

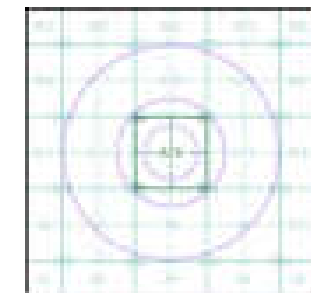
General

1:10,000 scale
1:10,000 scale
1:10,000 scale

Agency and Hydrological (Flood)

1:10,000 scale
1:10,000 scale
1:10,000 scale

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Landmark
LANDMARK INFORMATION GROUP[®]

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

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

300831256_1_1

Customer Reference:

R3117

National Grid Reference:

338680, 349730

Slice:

A

Site Area (Ha):

0.01

Search Buffer (m):

1000

Site Details:

Sensational Deal Ltd, Bay 1 At

Unit 108

Abbey Road South

WREXHAM

LL13 9RF

Client Details:

Mr D Wayland

Smith Grant Partnership

Bryn Estyn Business Centre (Suite 16)

Bryn Estyn Road

Wrexham

LL13 9TY

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	45
Hazardous Substances	-
Geological	59
Industrial Land Use	62
Sensitive Land Use	84
Data Currency	85
Data Suppliers	91
Useful Contacts	92

Introduction

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

Copyright Notice

© Landmark Information Group Limited 2022. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer. A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report. © Environment Agency & United Kingdom Research and Innovation 2022. © Natural Resources Wales & United Kingdom Research and Innovation 2022.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Scottish Natural Heritage Copyright

Contains SNH information licensed under the Open Government Licence v3.0.

Ove Arup Copyright Notice

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Stantec Copyright Notice

The cavity data presented has been extracted from the PBA (now Stantec UK Ltd) enhanced version of the original DEFRA national cavity databases. Stantec UK Ltd retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by Stantec UK Ltd. In no event shall Stantec UK Ltd or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Natural Resources Wales Copyright Notice

Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right. Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Some features of this information are based on digital spatial data licensed from the Centre for Ecology & Hydrology © NERC (CEH). Defra, Met Office and DARD Rivers Agency © Crown copyright. © Cranfield University. © James Hutton Institute. Contains OS data © Crown copyright and database right 2022. Land & Property Services © Crown copyright and database right.

Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		3	4	26
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices	pg 10		2		1
Integrated Pollution Controls	pg 10			1	6
Integrated Pollution Prevention And Control	pg 11		14	4	11
Local Authority Integrated Pollution Prevention And Control	pg 19				1
Local Authority Pollution Prevention and Controls	pg 19		2	3	6
Local Authority Pollution Prevention and Control Enforcements	pg 20			1	1
Nearest Surface Water Feature	pg 20		Yes		
Pollution Incidents to Controlled Waters	pg 21			5	35
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 27		5		
River Quality	pg 28				2
River Quality Biology Sampling Points	pg 29				1
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 29			1	7
Water Abstractions	pg 30				11 (*5)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 34	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 34	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 34	Yes	n/a	n/a	n/a
Source Protection Zones	pg 34		1	1	1
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 35		1	8	79

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 45			1	1
Integrated Pollution Control Registered Waste Sites	pg 45		2		
Licensed Waste Management Facilities (Landfill Boundaries)	pg 45		2		
Licensed Waste Management Facilities (Locations)	pg 46		12	4	9
Local Authority Landfill Coverage	pg 52	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 52			1	
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 52		1	15	45
Registered Landfill Sites	pg 55		1		1
Registered Waste Transfer Sites	pg 56				1
Registered Waste Treatment or Disposal Sites	pg 56		3	1	2
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 59	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 59	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 60	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 60	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 60	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 61	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 62		16	34	119
Fuel Station Entries	pg 77			1	
Points of Interest - Commercial Services	pg 77		3	4	21
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 79		3	5	23
Points of Interest - Public Infrastructure	pg 82		3	4	2
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 84				2
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	0	1	338680 349731
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	77	1	338750 349700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	84	1	338700 349650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	107	1	338750 349650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	124	1	338800 349700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (NE)	138	1	338750 349850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	181	1	338680 349550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	183	1	338700 349550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	250	1	338900 349850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (N)	270	1	338680 350000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	289	1	338400 349800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	333	1	338650 349400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	334	1	338400 349550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	381	1	338680 349350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	383	1	338650 349350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	389	1	338400 350000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	418	1	339000 350000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	458	1	339050 350000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	496	1	338800 349250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Manweb Plc Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: Marchwiel Abbey Rd 33kv Sub-Station Authority: Natural Resources Wales Catchment Area: CLYWEDOG - DEE TO GWENFRO Reference: CM0015701 Permit Version: 1 Effective Date: 16th April 1963 Issued Date: 16th April 1963 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge: Freshwater Stream/River Environment: Receiving Water: Un-Named Trib.Of Redwither Bro Status: Effective Positional Accuracy: Located by supplier to within 100m	A13SW (W)	184	2	338500 349700
2	Discharge Consents Operator: Unimaq Limited Property Type: Business Services Location: Stp Serving Unit 6 Pacific Park, Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LI13 9pn Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Eprmp3320gg Permit Version: 1 Effective Date: 2nd December 2011 Issued Date: 2nd December 2011 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Groundwater Via Drainage Mound Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	197	2	338540 349869
2	Discharge Consents Operator: Unimaq Limited Property Type: OFFICES ADMIN + SUPPORT Location: Stp Serving Unit 6 Pacific Park, Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LI13 9pn Authority: Natural Resources Wales Catchment Area: DEE - CHESTER WEIR TO CEIRIOG Reference: Mp3320gg Permit Version: 1 Effective Date: 2nd December 2011 Issued Date: 2nd December 2011 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Groundwater Via Drainage Mound Status: Effective Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	197	2	338540 349869
3	Discharge Consents Operator: Bryn Lane Training Centre Property Type: Undefined Or Other Location: Bryn Lane Training Centre Wrexham I, Wrexham Ind Estate Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0069501 Permit Version: 1 Effective Date: 20th March 1972 Issued Date: 20th March 1972 Revocation Date: 21st November 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Un-Named Trib. Of Isycoed Dra Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A13NE (E)	263	2	338940 349770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Cpl Petroleum Property Type: Wholesale Distribution Fuels & Metals Location: Cpl Petroleum Bryn Lane Wrexham, Bryn Lane, Wrexham Ind Estate, LI13 9ut Authority: Natural Resources Wales Catchment Area: Not Given Reference: Cg038250101 Permit Version: 1 Effective Date: 1st July 1999 Issued Date: 1st July 1999 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Is Y Coed Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	308	2	338860 349980
4	Discharge Consents Operator: Cpl Petroleum Property Type: Not Supplied Location: Cpl Petroleum Bryn Lane Wrexham, Bryn Lane, Wrexham Ind Estate, LI13 9ut Authority: Natural Resources Wales Catchment Area: DEE - CHESTER WEIR TO CEIRIOG Reference: Cg0382501 Permit Version: 1 Effective Date: 1st July 1999 Issued Date: 1st July 1999 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Is Y Coed Brook Status: Effective Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	308	2	338860 349980
5	Discharge Consents Operator: Wrexham County Borough Property Type: Not Supplied Location: Civic Amenity Site, Bryn Lane, Wrexham Industrial Estate, Wrexham, LI13 9ut Authority: Natural Resources Wales Catchment Area: DEE - CHESTER WEIR TO CEIRIOG Reference: Cg0421601 Permit Version: 1 Effective Date: 20th August 2004 Issued Date: 20th August 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: An Un-Named Stream Status: Effective Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	398	2	338892 350068
6	Discharge Consents Operator: Welsh Development Agency Property Type: Undefined Or Other Location: Wrexham Ind.Est.Dis.8. Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0093607 Permit Version: 1 Effective Date: 25th August 1982 Issued Date: 25th August 1982 Revocation Date: 28th April 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Redwither Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	515	2	338210 349940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: Welsh Development Agency Property Type: Undefined Or Other Location: Wrexham Ind. Estate - Discharg Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0093606 Permit Version: 1 Effective Date: 25th August 1982 Issued Date: 25th August 1982 Revocation Date: 28th April 1993 Discharge Type: Miscellaneous Discharges - Surface Water Discharge: Not Supplied Environment: Receiving Water: Redwither Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A12NE (W)	523	2	338190 349910
7	Discharge Consents Operator: Welsh Assembly Government Property Type: Not Supplied Location: Pcb Containment Cell Marlborough Ro, Marlborough Road, Wrexham Industrial Estate, Wrexham Authority: Natural Resources Wales Catchment Area: CLYWEDOG - DEE TO GWENFRO Reference: Cm0149901 Permit Version: 3 Effective Date: 24th August 2005 Issued Date: 23rd August 2005 Revocation Date: Not Supplied Discharge Type: Trade And Other Matter Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Redwither Brook Status: Effective Positional Accuracy: Located by supplier to within 10m	A12NE (W)	533	2	338150 349780
7	Discharge Consents Operator: Welsh Development Agency Property Type: Other Electronic Equipment Location: Pcb Containment Cell Marlborough Ro, Marlborough Road, Wrexham Industrial Estate, Wrexham Authority: Natural Resources Wales Catchment Area: River Dee Reference: CM0149901 Permit Version: 2 Effective Date: 28th March 1995 Issued Date: 28th March 1995 Revocation Date: 23rd August 2005 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Redwither Brook Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A12NE (W)	533	2	338150 349780
8	Discharge Consents Operator: Alan'S Skip Hire Wales Limited Property Type: Not Supplied Location: Wrexham Recycling Centere Rewither, Wrexham Recycling Centre, Redwither Road, Wrexham Industrail Estate, Wrexham, LI13 9rd Authority: Natural Resources Wales Catchment Area: CLYWEDOG - DEE TO GWENFRO Reference: Cg0402201 Permit Version: 1 Effective Date: 31st October 2002 Issued Date: 31st October 2002 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: The Redwither Brook Status: Effective Positional Accuracy: Located by supplier to within 10m	A8NW (S)	542	2	338474 349230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Welsh Development Agency Property Type: Undefined Or Other Location: Wrexham Ind.Est.Dis.6 Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0093605 Permit Version: 1 Effective Date: 25th August 1982 Issued Date: 25th August 1982 Revocation Date: 28th April 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Redwither Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A12NE (W)	542	2	338160 349880
9	Discharge Consents Operator: Welsh Development Agency Property Type: Undefined Or Other Location: Wrexham Ind. Estate - Discharg Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0093604 Permit Version: 1 Effective Date: 25th August 1982 Issued Date: 25th August 1982 Revocation Date: 28th April 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Redwither Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A12NE (W)	549	2	338150 349870
10	Discharge Consents Operator: Royalite Plastics Ltd Property Type: Undefined Or Other Location: Wrexham Ind Estate British Celanese, British Celanese Site Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0001801 Permit Version: 1 Effective Date: 31st January 1966 Issued Date: 31st January 1966 Revocation Date: 26th February 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Trib.Of Redwither Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A12SE (W)	571	2	338130 349580
11	Discharge Consents Operator: Welsh Development Agency Property Type: Undefined Or Other Location: Wrexham Ind. Estate - Discharg Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0093603 Permit Version: 1 Effective Date: 25th August 1982 Issued Date: 25th August 1982 Revocation Date: 28th April 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Redwither Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A12NE (W)	579	2	338110 349830

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: Welsh Development Agency Property Type: Other Electronic Equipment Location: Pcb Containment Cell Marlborough Ro, Marlborough Road, Wrexham Industrial Estate, Wrexham Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0149901 Permit Version: 1 Effective Date: 13th January 1987 Issued Date: 13th January 1987 Revocation Date: 27th March 1995 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Redwither Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A12SE (W)	582	2	338100 349700
13	Discharge Consents Operator: Welsh Development Agency Property Type: Undefined Or Other Location: Wrexham Ind. Estate - Discharg Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0093601 Permit Version: 1 Effective Date: 25th August 1982 Issued Date: 25th August 1982 Revocation Date: 28th April 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Redwither Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A12NE (W)	593	2	338090 349780
13	Discharge Consents Operator: Welsh Development Agency Property Type: Undefined Or Other Location: Wrexham Ind.Est.Dis.2 Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0093602 Permit Version: 1 Effective Date: 25th August 1982 Issued Date: 25th August 1982 Revocation Date: 28th April 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Redwither Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A12NE (W)	605	2	338080 349800
14	Discharge Consents Operator: Norwest Holst Group Property Type: Civil Engineering Location: Wrexham Ind Estate Conren Ltd Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0086201 Permit Version: 1 Effective Date: 4th October 1979 Issued Date: 4th October 1979 Revocation Date: 26th April 1995 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Trib. Of Rewither Brook Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A12SE (W)	625	2	338100 349500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Discharge Consents Operator: Kellogg Co Of Great Britain Ltd Property Type: Starch Location: Bryn Road Wrexham Ind Est Authority: Natural Resources Wales Catchment Area: River Dee Reference: CM0097401 Permit Version: 3 Effective Date: 6th July 1994 Issued Date: 6th July 1994 Revocation Date: 9th November 2005 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Un-Named Trib. Of Dee Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A18SE (N)	670	2	338700 350400
15	Discharge Consents Operator: Kellogg Co Of Great Britain Ltd Property Type: Starch Location: Bryn Road Wrexham Ind Est Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0097401 Permit Version: 1 Effective Date: 16th May 1984 Issued Date: 16th May 1984 Revocation Date: 29th September 1985 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Un-Named Trib. Of Dee Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18SE (N)	670	2	338700 350400
15	Discharge Consents Operator: Kellogg Co Of Great Britain Ltd Property Type: Starch Location: Bryn Road Wrexham Ind Est Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0097401 Permit Version: 2 Effective Date: 30th September 1985 Issued Date: 16th May 1984 Revocation Date: 5th July 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Un-Named Trib. Of Dee Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18SE (N)	670	2	338700 350400
16	Discharge Consents Operator: Ball Packaging Europe Uk Ltd Property Type: Undefined Or Other Location: Continental Can Co Ltd Authority: Natural Resources Wales Catchment Area: River Dee Reference: CM0085401 Permit Version: 2 Effective Date: 9th March 1994 Issued Date: 9th March 1994 Revocation Date: 21st January 2004 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Redwither Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A12SW (W)	758	2	337950 349530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Discharge Consents Operator: Continental Can Company Ltd Property Type: Undefined Or Other Location: Continental Can Co Ltd Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0085401 Permit Version: 1 Effective Date: 30th April 1979 Issued Date: 30th April 1979 Revocation Date: 8th March 1994 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Redwither Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A12SW (W)	758	2	337950 349530
17	Discharge Consents Operator: Ellis V Property Type: Undefined Or Other Location: Bowling Bank Lower Oak Petrol Filling Station Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0041201 Permit Version: 1 Effective Date: 7th April 1967 Issued Date: 7th April 1967 Revocation Date: 24th September 1992 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Un-Named Trib. Of Clywedog Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	790	2	339180 349120
18	Discharge Consents Operator: Kellogg Co Of Great Britain Ltd Property Type: Miscellaneous Foods Location: Bryn Road Wrexham Ind Est Authority: Natural Resources Wales Catchment Area: River Dee Reference: CM0083601 Permit Version: 3 Effective Date: 6th July 1994 Issued Date: 6th July 1994 Revocation Date: 9th November 2005 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Unnamed Trib Of River Dee Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	822	2	339040 350470
18	Discharge Consents Operator: Kellogg Co Of Great Britain Ltd Property Type: Miscellaneous Foods Location: Bryn Road Wrexham Ind Est Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0083601 Permit Version: 2 Effective Date: 30th September 1985 Issued Date: 30th September 1985 Revocation Date: 5th July 1994 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Unnamed Trib Of River Dee Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	822	2	339040 350470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Discharge Consents Operator: Kellogg Co Of Great Britain Ltd Property Type: Miscellaneous Foods Location: Bryn Road Wrexham Ind Est Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0083601 Permit Version: 1 Effective Date: 8th February 1978 Issued Date: 8th February 1978 Revocation Date: 29th September 1985 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Unnamed Trib Of River Dee Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	822	2	339040 350470
19	Discharge Consents Operator: Welsh Development Agency Property Type: Undefined Or Other Location: Wrexham Ind Estate Factory/Coedaben, Factory/Coedaben Road Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0064501 Permit Version: 1 Effective Date: 27th April 1971 Issued Date: 27th April 1971 Revocation Date: 28th April 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Redwither Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A12SW (W)	862	2	337850 349500
20	Discharge Consents Operator: Mr D J Lightwood & Mrs A Kelleher-Lightwood Property Type: Domestic Property (Single) Location: Lower Oak Farm, Oak Road, Bowling Bank, Wrexham, Wales, LI13 9rg Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Cg0435701 Permit Version: 1 Effective Date: 3rd October 2005 Issued Date: 3rd October 2005 Revocation Date: 3rd October 2017 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Ditch Via Part Soakway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	879	2	339210 349030
21	Discharge Consents Operator: Prysmian Cables & Systems Ltd Property Type: Not Supplied Location: Wrexham Ind Estate Wrexham Authority: Natural Resources Wales Catchment Area: DEE - CHESTER WEIR TO CEIRIOG Reference: CM0041701 Permit Version: 2 Effective Date: 4th October 1994 Issued Date: 4th October 1994 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Clywedog Status: Effective Positional Accuracy: Located by supplier to within 100m	A9SW (S)	984	2	339050 348820

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Discharge Consents Operator: Bicc Cables Ltd Property Type: Insulated Wires & Cables Location: Wrexham Ind Estate Wrexham, Wrexham Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0041701 Permit Version: 1 Effective Date: 25th April 1967 Issued Date: 25th April 1967 Revocation Date: 3rd October 1994 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: River Clywedog Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A9SW (S)	984	2	339050 348820
22	Prosecutions Relating to Controlled Waters Location: Red Wither Brook, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9 Prosecution Text: Liquid Waste Collected And Flushed Into A Septic Tank Designed For Domestic Waste Prosecution Act: Wra91 S85(1) & S85(6) Hearing Date: 14th February 2003 Verdict: Guilty Fine: 100000 Cost: 114818 Positional Accuracy: Manually positioned within the geographical locality	A12SE (SW)	572	3	338172 349469
23	Enforcement and Prohibition Notices Location: Clinical Waste Incinerator, Marlborough Road, WREXHAM, Clwyd, LL13 9RJ Permit Reference: Not Supplied Enforcement Date: 22nd September 2000 Details: Enforcement Notice Served Following The Identification Of Actual And Potential Contraventions Of The Authorisation With Regard To Monitoring Of Emissions. The Notice Requires A Programme Of Improvements To Ensure Compliance With Monitoring Requirements. Positional Accuracy: Manually positioned to the road within the address or location	A13SW (W)	152	3	338535 349687
23	Enforcement and Prohibition Notices Location: Clinical Waste incinerator, Marlborough Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Permit Reference: Sm43/01kc Enforcement Date: 18th February 2001 Details: Company Served Notice Following Disposal Of Liquid Waster By Methods Other Than Incineration. The Notice Requires The Company To Only Dispose Of Liquid Waste As Per Their Authorisation. Positional Accuracy: Manually positioned to the road within the address or location	A13SW (W)	159	3	338529 349683
24	Enforcement and Prohibition Notices Location: Bryn Lane, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9JU Permit Reference: Not Given Enforcement Date: 1st March 1994 Details: Press Release HM127, Failure to install monitoring equipment on time; under EPA90. Positional Accuracy: Unknown	A18NE (N)	780	3	338821 350498
25	Integrated Pollution Controls Name: Bicc Cables Ltd Location: Oak Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9PH Authority: Environment Agency, Welsh Region Permit Reference: AS6322 Dated: 26th July 1995 Process Type: IPC new application Description: 2.2 A (D) Non-ferrous Metal processes within the Metal Industry Status: Application received by HMIP but is not yet authorised Positional Accuracy: Automatically positioned to the address	A14SW (E)	455	3	339105 349568
26	Integrated Pollution Controls Name: Owens Corning Fiberglas (gb) Ltd Location: Bryn Lane, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9JU Authority: Environment Agency, Welsh Region Permit Reference: BC5539 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.3 A Mineral Fibres (non-Asbestos) within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A18NE (N)	775	3	338821 350493

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Integrated Pollution Controls Name: Owens Corning Fibreglas (gb) Ltd Location: Bryn Lane, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9JU Authority: Environment Agency, Welsh Region Permit Reference: AG1425 Dated: 8th April 1993 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 3.3 A Mineral Fibres (non-Asbestos) within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A18NE (N)	775	3	338821 350493
26	Integrated Pollution Controls Name: Owens Corning Fibreglas (gb) Ltd Location: Bryn Lane, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9JU Authority: Environment Agency, Welsh Region Permit Reference: AK5407 Dated: 18th February 1994 Process Type: IPC new application Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A18NE (N)	776	3	338826 350493
26	Integrated Pollution Controls Name: Owens Corning Fibreglas (gb) Ltd Location: Bryn Lane, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9JU Authority: Environment Agency, Welsh Region Permit Reference: BC6713 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A18NE (N)	780	3	338821 350498
26	Integrated Pollution Controls Name: Owens Corning Fibreglas (gb) Ltd Location: Bryn Lane, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9JU Authority: Environment Agency, Welsh Region Permit Reference: BG0342 Dated: 21st September 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.3 A Mineral Fibres (non-Asbestos) within the Mineral Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A18NE (N)	786	3	338826 350503
27	Integrated Pollution Controls Name: Stadex Industries Ltd Location: Coed Aben Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9UH Authority: Environment Agency, Welsh Region Permit Reference: BF1220 Dated: 8th June 1999 Process Type: IPC new application Description: 6.2 A (D) Di-isocyanate processes within Miscellaneous Industries Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	979	3	337720 349546
28	Integrated Pollution Prevention And Control Name: Sita Healthcare Limited Location: Wrexham Clinical Waste Treatment Facility (Hdu & Ts), Wrexham Clinical Waste Treatment Facility (Hdu & Ts), Marlborough Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: UP3133AC Original Permit Ref: Wp3636zg Effective Date: 14th January 2015 Status: Effective Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 10m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.3 A(1) a) (ii) Activity Description: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: Y	A13NW (NW)	67	2	338620 349760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Integrated Pollution Prevention And Control Name: Sita Healthcare Limited Location: Wrexham Clinical Waste Treatment Facility (Hdu & Ts), Wrexham Clinical Waste Treatment Facility (Hdu & Ts), Marlborough Road,, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: PP3230NV Original Permit Ref: Wp3636zg Effective Date: 25th March 2013 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 10m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.3 A(1) a) (ii) Activity Description: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: Y	A13NW (NW)	67	2	338620 349760
28	Integrated Pollution Prevention And Control Name: Sita Uk Limited Location: Wrexham Clinical Waste Treatment Plant And Transfer Station, Wrexham Clinical Waste Treatment Plant And Transfer Station, Marlborough Road, Wrexham Industrial Estate,, Wrexham, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: UP3137FB Original Permit Ref: Up3137fb Effective Date: 4th November 2011 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Located by supplier to within 10m Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A13NW (NW)	67	2	338620 349760
28	Integrated Pollution Prevention And Control Name: Wrexham Clinical Waste Treatment Facility (Hdu & Ts) Location: Wrexham Clinical Waste Treatment Facility (Hdu & Ts), Wrexham Clinical Waste Treatment Facility (Hdu & Ts), Marlborough Road,, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: WP3636ZG Original Permit Ref: Up3133ac Effective Date: 28th June 2021 Status: Effective Application Type: Bespoke App. Sub Type: Not Supplied Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) a) (ii) Activity Description: Not Supplied Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Not Supplied Primary Activity: N	A13NW (W)	78	2	338605 349750
28	Integrated Pollution Prevention And Control Name: Wrexham Clinical Waste Treatment Facility (Incinerator) Location: Wrexham Clinical Waste Treatment Facility (Incinerator), Wrexham Clinical Waste Treatment Facility (Incinerator), Marlborough Road,, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: WP3836ZF Original Permit Ref: Qp3933nz Effective Date: 26th June 2017 Status: Effective Application Type: Bespoke App. Sub Type: Not Supplied Positional Accuracy: Automatically positioned to the address Activity Code: 5.1 PART A (1) A) Activity Description: Not Supplied Primary Activity: Y	A13NW (W)	78	2	338605 349750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Integrated Pollution Prevention And Control Name: Polkacrest Wales Limited Location: Wrexham Clinical Waste Treatment Plant And Transfer Station, Wrexham Clinical Waste Treatment Plant And Transfer Station, Marlborough Road, Wrexham Industrial Estate,, Wrexham, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: RP3035FV Original Permit Ref: Rp3237sz Effective Date: 27th October 2011 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y	A13NW (W)	78	2	338605 349750
28	Integrated Pollution Prevention And Control Name: Attero Services Ltd Location: Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: GP3335MA Original Permit Ref: Ap3538sm Effective Date: 15th December 2006 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 5.1 A(1) (A) Activity Description: Incineration Of Hazardous Waste Primary Activity: Y	A13NW (W)	78	2	338605 349750
28	Integrated Pollution Prevention And Control Name: Polkacrest Wales Limited Location: Wrexham Clinical Waste Treatment Plant And Transfer Station, Wrexham Clinical Waste Treatment Plant And Transfer Station, Marlborough Road, Wrexham Industrial Estate,, Wrexham, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: Rp3237sz Original Permit Ref: Rp3237sz Effective Date: 23rd June 2006 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A13NW (W)	78	2	338605 349750
28	Integrated Pollution Prevention And Control Name: Polkacrest Wales Limited Location: Wrexham Clinical Waste Incinerator, Sterile Technologies (Newcastle) Ltd, Marlborough Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: Ap3538sm Original Permit Ref: Ap3538sm Effective Date: 14th December 2005 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.1 A(1) (A) Activity Description: Incineration Of Hazardous Waste Primary Activity: Y	A13NW (W)	78	2	338605 349750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Integrated Pollution Prevention And Control Name: Sita Healthcare Limited Location: Wrexham Clinical Waste Treatment Facility (Incinerator), Wrexham Clinical Waste Treatment Facility (Incinerator), Marlborough Road,,Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: QP3933NZ Original Permit Ref: Wp3836zf Effective Date: 22nd April 2013 Status: Effective Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 100m Activity Code: 5.1 A(1) (A) Activity Description: Incineration Of Hazardous Waste Primary Activity: Y	A13SW (W)	87	2	338600 349700
29	Integrated Pollution Prevention And Control Name: Sita Uk Limited Location: Wrexham Clinical Waste Incinerator, Sterile Technologies (Newcastle) Ltd, Marlborough Road,,Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: MP3635FQ Original Permit Ref: Mp3239fq Effective Date: 20th October 2011 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Located by supplier to within 100m Activity Code: 5.1 A(1) (A) Activity Description: Incineration Of Hazardous Waste Primary Activity: Y	A13SW (W)	87	2	338600 349700
29	Integrated Pollution Prevention And Control Name: Sita Uk Limited Location: Wrexham Clinical Waste Incinerator, Sterile Technologies (Newcastle) Ltd, Marlborough Road,,Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: MP3239FQ Original Permit Ref: Mp3239fq Effective Date: 12th May 2011 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Located by supplier to within 100m Activity Code: 5.1 A(1) (A) Activity Description: Incineration Of Hazardous Waste Primary Activity: Y	A13SW (W)	87	2	338600 349700
30	Integrated Pollution Prevention And Control Name: Polkacrest Limited Location: Wrexham Clinical Waste Incinerator, Sterile Technologies (Newcastle) Ltd, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: VP3739XC Original Permit Ref: Ap3538sm Effective Date: 21st January 2008 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Manually positioned to the road within the address or location Activity Code: 5.1 A(1) (A) Activity Description: Incineration Of Hazardous Waste Primary Activity: Y	A13SW (W)	142	2	338544 349693
31	Integrated Pollution Prevention And Control Name: Phase 2 Wrexham Recycling Park Location: Wrexham Recycling Park, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UT Authority: Natural Resources Wales Permit Reference: BB3436RA Original Permit Ref: 103238 Effective Date: 16th June 2021 Status: Effective Application Type: Bespoke App. Sub Type: Not Supplied Positional Accuracy: Located by supplier to within 10m Activity Code: 5.4 A(1) b) (i) Activity Description: Not Supplied Primary Activity: Y	A13NE (NE)	178	2	338758 349891

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	Integrated Pollution Prevention And Control Name: Wrexham Mill Location: Bridge Rd North, Wrexham Ind Est, Wrexham, Wrexham Cbc, LL13 3PS Authority: Natural Resources Wales Permit Reference: AB3492ZQ Original Permit Ref: Not Supplied Effective Date: 26th January 2022 Status: Effective Application Type: Bespoke App. Sub Type: Not Supplied Positional Accuracy: Located by supplier to within 10m Activity Code: 6.8 PART A (1) D) (II) Activity Description: Not Supplied Primary Activity: Y	A13SW (W)	341	2	338345 349671
33	Integrated Pollution Prevention And Control Name: Wrexham Cable Works Location: Oak Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9PH Authority: Natural Resources Wales Permit Reference: YP3732LZ Original Permit Ref: Dp3338my Effective Date: 1st June 2017 Status: Effective Application Type: Bespoke App. Sub Type: Not Supplied Positional Accuracy: Automatically positioned to the address Activity Code: 2.2 PART A (1) B) (II) Activity Description: Not Supplied Primary Activity: Y	A14SW (E)	455	2	339105 349568
33	Integrated Pollution Prevention And Control Name: Prysmian Cables And Systems Ltd Location: Oak Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9PH Authority: Natural Resources Wales Permit Reference: DP3338MY Original Permit Ref: Yp3732Lz Effective Date: 22nd November 2006 Status: Effective Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 2.2 A(1) (B) (II) Activity Description: Non-Ferrous Metals; Melting With Capacity Greater Or Equal To 5T Primary Activity: Y	A14SW (E)	455	2	339105 349568
33	Integrated Pollution Prevention And Control Name: Pirelli Cables Ltd. Rod Rollers Unit Location: Wrexham Cable Works, Energy Cables Unit, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9PH Authority: Natural Resources Wales Permit Reference: Bm4848iy Original Permit Ref: Bm4848iy Effective Date: 14th March 2003 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 2.2 A(1) (B) (II) Activity Description: Non-Ferrous Metals; Melting With Capacity Greater Or Equal To 5T Primary Activity: Y	A14SW (E)	455	2	339105 349568
34	Integrated Pollution Prevention And Control Name: Cott Wrexham (Calypso) Manufacturing Site Location: Wrexham Soft Drinks, Unit D-F, Spectrum Business Park, Wrexham Industrial Estate, Wrexham, Wrexham, LL13 9QA Authority: Natural Resources Wales Permit Reference: AB3094FQ Original Permit Ref: Not Supplied Effective Date: 22nd May 2018 Status: Effective Application Type: Bespoke App. Sub Type: Not Supplied Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 PART A (1) D) (II) Activity Description: Not Supplied Primary Activity: Y	A7NE (SW)	713	2	338233 349176

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Integrated Pollution Prevention And Control Name: Hlc Waste Management Services Ltd Location: Former Bicc 2 Building, Oak Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9rg Authority: Environment Agency, Welsh Region Permit Reference: Bk8303 Original Permit Ref: Bk8303 Effective Date: Not Supplied Status: Valid Application Type: Not Supplied App. Sub Type: Not Supplied Positional Accuracy: Manually positioned to the road within the address or location Activity Code: 5.1 A(1) (A) Activity Description: Waste Incineration; Chemicals/Plastic Arising From Their Manufacture Primary Activity: Not Supplied	A9NW (SE)	736	3	339166 349179
36	Integrated Pollution Prevention And Control Name: Kelloggs Epr/Bv8016id Location: Wrexham, Breakfast Cereals, Bryn Lane, Wrexham Industrial Estate,, WREXHAM, Clwyd, LL13 9UT Authority: Natural Resources Wales Permit Reference: Bv8016id Original Permit Ref: Gp3031zw Effective Date: 17th February 2022 Status: Effective Application Type: Bespoke App. Sub Type: Not Supplied Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Not Supplied Primary Activity: N Activity Code: 5.4 PART A (1) A (I) Activity Description: Not Supplied Primary Activity: N Activity Code: 6.8 PART A (1) D (II) Activity Description: Not Supplied Primary Activity: Y	A18NE (N)	780	2	338821 350498
36	Integrated Pollution Prevention And Control Name: Kellogg Company Of Great Britain Ltd Location: Wrexham, Breakfast Cereals, Kelloggs, Bryn Lane,Wrexham Industrial Estate,, Wrexham, Clwyd, LL13 9UT Authority: Natural Resources Wales Permit Reference: GP3031ZW Original Permit Ref: Bv8016id Effective Date: 21st March 2013 Status: Effective Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.4 A(1) a) (i) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: N Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50MW Primary Activity: N	A18NE (N)	780	2	338821 350498

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	Integrated Pollution Prevention And Control Name: Kellogg Company Of Great Britain Ltd Location: Wrexham, Breakfast Cereals, Kelloggs, Bryn Lane, Wrexham Industrial Estate., Wrexham, Clwyd, LL13 9UT Authority: Natural Resources Wales Permit Reference: VP3935CF Original Permit Ref: Bv8016id Effective Date: 19th April 2012 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y Activity Code: 5.3 A(1) (C) (I) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Biological Treatment Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N	A18NE (N)	780	2	338821 350498
36	Integrated Pollution Prevention And Control Name: Kellogg Company Of Great Britain Ltd Location: Wrexham, Breakfast Cereals, Kelloggs, Bryn Lane, Wrexham Industrial Estate., Wrexham, Clwyd, LL13 9UT Authority: Natural Resources Wales Permit Reference: VP3832KF Original Permit Ref: Bv8016id Effective Date: 23rd March 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (C) (I) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Biological Treatment Primary Activity: N Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A18NE (N)	780	2	338821 350498
36	Integrated Pollution Prevention And Control Name: Kellogg Company Of Great Britain Ltd Location: Bryn Lane, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9UT Authority: Natural Resources Wales Permit Reference: KP3135LW Original Permit Ref: Bv8016id Effective Date: 5th May 2006 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: N Activity Code: 5.3 A(1) (C) (I) Activity Description: Other Waste Disposal; Non-Hazardous Waste >50T/D By Biological Treatment Primary Activity: N	A18NE (N)	780	2	338821 350498

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	Integrated Pollution Prevention And Control Name: Owens Corning Fibreglas (Gb) Ltd Location: Wrexham Plant, Bryn Lane, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9JU Authority: Environment Agency, Welsh Region Permit Reference: Bm7243 Original Permit Ref: Bm7243 Effective Date: Not Supplied Status: Valid Application Type: Not Supplied App. Sub Type: Not Supplied Positional Accuracy: Automatically positioned to the address Activity Code: 3.3 A(1) (A) Activity Description: Glass And Glass Fibre; Glass Fibre Manufacture Primary Activity: Not Supplied	A18NE (N)	780	3	338821 350498
37	Integrated Pollution Prevention And Control Name: Wrexham Convenience Foods Location: Rowan Foods Ea/Epr/Wp3534gx/A001, Rowan Foods Limited, Ash Road South,,Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9UG Authority: Natural Resources Wales Permit Reference: WP3534GX Original Permit Ref: Not Supplied Effective Date: 9th February 2022 Status: Effective Application Type: Bespoke App. Sub Type: Not Supplied Positional Accuracy: Automatically positioned to the address Activity Code: 5.4 PART A (1) A (II) Activity Description: Not Supplied Primary Activity: N Activity Code: 6.8 A(1) d) (iii) Activity Description: Not Supplied Primary Activity: Y	A17SW (NW)	995	2	337838 350260
37	Integrated Pollution Prevention And Control Name: Oscar Mayer Limited Location: Rowan Foods, Rowan Foods Limited, Ash Road South,,Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9UG Authority: Natural Resources Wales Permit Reference: PP3538VJ Original Permit Ref: Wp3534gx Effective Date: 25th June 2014 Status: Effective Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (I) Activity Description: Animal Vegetable & Food; Treating Etc Animal Raw Materials (Not Milk) For Food >75T/D Primary Activity: Y Activity Code: 5.4 A(1) a) (ii) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: N	A17SW (NW)	995	2	337838 350260
37	Integrated Pollution Prevention And Control Name: Oscar Mayer Limited Location: Rowan Foods, Rowan Foods Limited, Ash Road South,,Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9UG Authority: Natural Resources Wales Permit Reference: WP3131ZF Original Permit Ref: Wp3534gx Effective Date: 26th March 2013 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.4 A(1) a) (ii) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: N Activity Code: 6.8 A(1) (D) (I) Activity Description: Animal Vegetable & Food; Treating Etc Animal Raw Materials (Not Milk) For Food >75T/D Primary Activity: Y	A17SW (NW)	995	2	337838 350260

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	Local Authority Integrated Pollution Prevention And Control Name: Ball Packaging Europe Ltd Location: Bridge Road, Wrexham Industrial Estate, Wrexham Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: WCBC/IPPC/01/BP Dated: 6th January 2004 Process Type: Other Activities Description: Coating of Metal Packaging Status: Permit Issued Positional Accuracy: Manually positioned to the address or location	A12SW (W)	781	4	337901 349687
39	Local Authority Pollution Prevention and Controls Name: Onyx Clinical Limited Location: Marlborough Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: WMBC/HJB/02/019 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG5/1 Clinical waste incineration processes under 1 tonne an hour Status: Not Supplied Positional Accuracy: Manually positioned to the address or location	A13NW (W)	101	4	338584 349760
40	Local Authority Pollution Prevention and Controls Name: R C Motors Wrexham Ltd Location: Redwither Road Garage, Wrexham Industrial Estate, LI13 9rd Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: WCBC/PG1/1RCM Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/1 Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	250	4	338512 349547
41	Local Authority Pollution Prevention and Controls Name: Lloyds Animal Feeds (Western) Ltd Location: Bridge Road North, Wrexham Industrial Estate, Wrexham, LI13 9ps Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: WCBC/PG6/26(1)V2 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/28 Rubber processes Status: Permitted Positional Accuracy: Located by supplier to within 10m	A12SE (W)	370	4	338320 349650
42	Local Authority Pollution Prevention and Controls Name: Isringhausen Location: Redwither Industrial Complex, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9XR Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: Wmbc/Hjb/03/040 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	420	4	338524 350120
43	Local Authority Pollution Prevention and Controls Name: K D Products Ltd Location: Redwither Tower, Redwither Industrial Complex, WREXHAM, Clwyd, LL13 9UE Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: WCBC/PG6/2(1) Dated: 14th April 2000 Process Type: Local Authority Air Pollution Control Description: PG6/2 Manufacture of timber and wood-based products Status: Authorised Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	474	4	338448 350144
44	Local Authority Pollution Prevention and Controls Name: Trittech Precision Products Limited Location: Bridge Road North, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9PS Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: WCBC-PG2-4-TP(V2) Dated: 10th November 1993 Process Type: Local Authority Air Pollution Control Description: PG2/3 Electrical and rotary furnaces Status: Authorised Positional Accuracy: Automatically positioned to the address	A12SW (W)	781	4	337901 349688

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	Local Authority Pollution Prevention and Controls Name: Lloyds Animal Feeds (Western) Ltd Location: Bridge Road North, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9PS Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: WCBC/PG6/26(1)V2 Dated: 21st October 1993 Process Type: Local Authority Air Pollution Control Description: PG6/26 Animal feed compounding Status: Transferred to LAIPPC Positional Accuracy: Automatically positioned to the address	A12SW (W)	781	4	337901 349688
44	Local Authority Pollution Prevention and Controls Name: Ball Packaging Europe Ltd Location: Bridge Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9PS Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: WCBC/IPPC/01/BP(v2) Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/7 Printing and coating of metal packaging Status: Transferred to LAIPPC Positional Accuracy: Automatically positioned to the address	A12SW (W)	781	4	337901 349688
45	Local Authority Pollution Prevention and Controls Name: Orchid Dry Cleaners Ltd Location: Unit A4 Abbey Close, Redwither Business Park, Wrexham, LL19 9XG Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: WCBC/PG6/46/ODC Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A18NW (N)	880	4	338407 350567
46	Local Authority Pollution Prevention and Controls Name: Hoya Lens Uk Ltd Location: Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9UA Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/29 Di-isocyanate processes Status: Authorised Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	949	4	338170 350530
46	Local Authority Pollution Prevention and Controls Name: Hoya Lens Uk Ltd Location: Fourth Road, Wrexham Industrial Estate, Wrexham, LL13 9ua Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: WCBC/PG6/45/HL1 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/45 Surface cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	949	4	338170 350530
47	Local Authority Pollution Prevention and Control Enforcements Location: Redwither Tower, Redwither Industrial Estate, Wrexham Type: Air Pollution Control Enforcement Notice Reference: WCBC/PG6/2(1) Date Issued: Not Supplied Enforcement Date: 18th June 2007 Details: Not Supplied Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	474	4	338448 350144
48	Local Authority Pollution Prevention and Control Enforcements Location: Bridge North Road, Wrexham Industrial Estate, Wrexham Type: Air Pollution Control Enforcement Notice Reference: WCBC-PG2-4-TP Date Issued: 1st March 2007 Enforcement Date: Not Supplied Details: Not Supplied Positional Accuracy: Manually positioned to the address or location	A12SW (W)	781	4	337901 349687
	Nearest Surface Water Feature	A13NW (N)	164	-	338679 349894

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Oldacres Wrexham, Industrial Estate, Marchwile Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Accidental Spillage/Leakage Incident Date: 28th July 1995 Incident Reference: 25692 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (W)	332	3	338350 349700
50	Pollution Incidents to Controlled Waters Property Type: Cess Pit Location: Pickhill Bridge Authority: Environment Agency, Welsh Region Pollutant: Sewage Debris/Litter Note: Weather Incident Date: 1st May 1996 Incident Reference: 28101 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	377	3	338500 349400
50	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Pickhill Bridge Authority: Environment Agency, Welsh Region Pollutant: Sewage Debris/Litter Note: Weather Incident Date: 1st May 1996 Incident Reference: 28101 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	382	3	338500 349395
51	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Surface Runoff Location: Trib From N E Authority: Environment Agency, Welsh Region Pollutant: Chlorinated Water Note: Not Supplied Incident Date: 15th December 1995 Incident Reference: 26908 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	382	3	338300 349700
52	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: Redwither Brook Authority: Environment Agency, Welsh Region Pollutant: Sewage - Treated Effluent Note: Not Supplied Incident Date: 15th December 1995 Incident Reference: 26909 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	482	3	338200 349700
52	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Wxm Industrial Estate Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 24th January 1996 Incident Reference: 27506 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	532	3	338150 349700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Rear Railway Crossing, Wrexham Industrial Estate, WREXHAM Authority: Environment Agency, Welsh Region Pollutant: Oils - Petrol Note: Neglect Incident Date: 12th January 1996 Incident Reference: 27252 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	503	3	338500 350200
54	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Wrexham Industrial Estate, WREXHAM Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 14th January 1997 Incident Reference: 31050 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	531	3	338150 349750
55	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Wrexham Industrial Estate, WREXHAM Authority: Environment Agency, Welsh Region Pollutant: Oils - Petrol Note: Not Supplied Incident Date: 14th January 1997 Incident Reference: 31050 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	531	3	338150 349745
55	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Wrexham Industrial Estate, Dolphin Cottage Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 24th January 1996 Incident Reference: 27506 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	532	3	338150 349695
55	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Wrexham Industrial Estate, WREXHAM Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Redwither Brook Incident Date: 17th September 1997 Incident Reference: 33591 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	541	3	338140 349720
56	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Treated Water Distribution System Location: 50 Metres Down Stream Of, Redwither Pub Bridge Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Accidental Spillage/Leakage Incident Date: 13th December 1995 Incident Reference: 26907 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	534	3	338200 349500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	Pollution Incidents to Controlled Waters Property Type: Process Location: Bestoy Unit, Wrexham Industrial Estate, WREXHAM Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 15th March 1995 Incident Reference: 22827 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	557	3	338200 349450
57	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewerage Location: Pickhill Bridge Authority: Environment Agency, Welsh Region Pollutant: Chemicals - Other Inorganic Note: Blocked Sewer Incident Date: 10th October 1994 Incident Reference: 21384 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	538	3	338600 349200
58	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Adj To Bluestone Chemicals, Wrexham Industrial Estate, WREXHAM Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Afon Clywedog; Leakage Incident Date: 16th July 1997 Incident Reference: 33040 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	539	3	338300 349350
59	Pollution Incidents to Controlled Waters Property Type: Process Location: Drain From, Redwither Industrial Estate Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Blocked Sewer Incident Date: 10th October 1995 Incident Reference: 26343 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	547	3	338400 350200
60	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Poor Management Control Incident Date: 7th June 1996 Incident Reference: 28624 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	584	3	338200 349400
61	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Wrexham Industrial Estate, WREXHAM Authority: Environment Agency, Welsh Region Pollutant: Oils - Other Oil Note: Redwither Brook; Direct Introduction Incident Date: 9th February 1998 Incident Reference: 35173 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Deliberate Act Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	605	3	338100 349900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Other Location: Pickhill Bridge Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Mechanical Failure Incident Date: 25th August 1994 Incident Reference: 20996 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Bypass Of Treatment Facilities Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8NE (S)	643	3	338800 349100
63	Pollution Incidents to Controlled Waters Property Type: Not Given Location: By Redwither Inn, Wrexham Industrial Estate Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Redwither Brook Incident Date: 11th September 1997 Incident Reference: 33595 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	672	3	338050 349500
64	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Continental Can, WREXHAM Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Accidental Spillage/Leakage Incident Date: 6th December 1991 Incident Reference: 1790 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	693	3	338000 349600
65	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Redwither, Pumping Station Authority: Environment Agency, Welsh Region Pollutant: Oils - Petrol Note: Not Supplied Incident Date: 21st June 1996 Incident Reference: 28800 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	705	3	338500 349050
66	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Continental Can, Wrexham Industrial Estate, MARCHWIEL Authority: Environment Agency, Welsh Region Pollutant: Miscellaneous - Fire water / Foam Note: Afon Ciywedog; Run-Off Incident Date: 6th December 1997 Incident Reference: 34279 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	831	3	337850 349700
66	Pollution Incidents to Controlled Waters Property Type: Council Premises Location: Blocked Manhole, At Con Can On, Wrexham Estate Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Blocked Sewer Incident Date: 7th December 1994 Incident Reference: 21916 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	881	3	337800 349700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Continental Can, WREXHAM Authority: Environment Agency, Welsh Region Pollutant: Sewage - Septic Tank Effluent Note: Not Supplied Incident Date: 28th November 1995 Incident Reference: 26963 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	882	3	337800 349695
66	Pollution Incidents to Controlled Waters Property Type: Waste Handling Facilities Location: Down Stream Of Stadex, Industries Authority: Environment Agency, Welsh Region Pollutant: Farm Land Run-Off Note: Inadequate Design/Capacity Incident Date: 6th November 1991 Incident Reference: 3274 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	885	3	337800 349650
67	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Continental Can, Wrexham Industrial Estate, WREXHAM Authority: Environment Agency, Welsh Region Pollutant: Chemicals - Acid Note: Afon Clywedog; Spillage Incident Date: 14th July 1997 Incident Reference: 33038 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	832	3	337850 349695
68	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: Down Stream Of Stadex Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Poor Operational Practise Incident Date: 15th March 1995 Incident Reference: 23047 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	891	3	337800 349600
68	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: Engineering Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Poor Operational Practise Incident Date: 22nd February 1995 Incident Reference: 22665 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	891	3	337800 349595
69	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Poor Operational Practise Incident Date: 29th August 1991 Incident Reference: 3198 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	911	3	337800 349500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	Pollution Incidents to Controlled Waters Property Type: Waste Handling Facilities Location: Along Side Of Factory Authority: Environment Agency, Welsh Region Pollutant: Oils - Petrol Note: Poor Operational Practise Incident Date: 27th December 1994 Incident Reference: 22033 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	929	3	339450 350250
71	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: Pickhill Bridge Authority: Environment Agency, Welsh Region Pollutant: Sewage Fungus Note: Poor Operational Practise Incident Date: 1st December 1994 Incident Reference: 21924 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	931	3	339100 348900
72	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Stadex, Wrexham Industrial Estate, WREXHAM Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Poor Management Incident Date: 23rd April 1997 Incident Reference: 31952 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	933	3	337750 349800
73	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Stadex Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Poor Operational Practise Incident Date: 26th November 1991 Incident Reference: 1142 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	977	3	337705 349695
73	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: Gkk Plastics, Clywed Authority: Environment Agency, Welsh Region Pollutant: Agricultural: Carcasses Note: Vandalism Incident Date: 24th October 1994 Incident Reference: 21477 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	981	3	337700 349700
73	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Stadex Authority: Environment Agency, Welsh Region Pollutant: Sewage - Septic Tank Effluent Note: Poor Operational Practise Incident Date: 5th October 1994 Incident Reference: 21316 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	982	3	337700 349695

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	Pollution Incidents to Controlled Waters Property Type: Waste Handling Facilities Location: Stadex Authority: Environment Agency, Welsh Region Pollutant: Chemicals - Other Organic Note: Poor Operational Practise Incident Date: 3rd December 1991 Incident Reference: 1791 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	985	3	337705 349595
74	Pollution Incidents to Controlled Waters Property Type: Waste Handling Facilities Location: Stadex Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Poor Operational Practise Incident Date: 10th June 1991 Incident Reference: 2808 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	985	3	337705 349600
74	Pollution Incidents to Controlled Waters Property Type: Process Location: Continental Can, Industrial Estate, WREXHAM Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Accidental Spillage/Leakage Incident Date: 2nd March 1992 Incident Reference: 3052 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	990	3	337700 349600
74	Pollution Incidents to Controlled Waters Property Type: Waste Handling Facilities Location: Stadex Authority: Environment Agency, Welsh Region Pollutant: Chemicals - Acid Note: Poor Operational Practise Incident Date: 3rd December 1991 Incident Reference: 1791 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	990	3	337700 349595
75	Registered Radioactive Substances Name: Eurocare Environmental Services Ltd (Dissolved) Location: Marlborough Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: Bw8615 Dated: 25th November 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A13NW (W)	78	2	338605 349750
75	Registered Radioactive Substances Name: Eurocare Environmental Services Ltd Location: Marlborough Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Authority: Environment Agency, Welsh Region Permit Reference: Bx1829 Dated: Not Supplied Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Application has met the requirements for authorisation (but not yet authorised) Positional Accuracy: Automatically positioned to the address	A13NW (W)	78	3	338605 349750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	Registered Radioactive Substances Name: Onyx Clinical Ltd Location: Wrexham Plant, Marlborough Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: BG6251 Dated: 15th December 1999 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the road within the address or location	A13NW (W)	98	2	338588 349761
75	Registered Radioactive Substances Name: Trinco Ltd Location: Wrexham Plant, Marlborough Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: AW7886 Dated: 24th June 1997 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the address or location	A13NW (W)	106	2	338579 349760
76	Registered Radioactive Substances Name: Eurocare Environmental Services Ltd (Dissolved) Location: Wrexham Plant, Marlborough Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ Authority: Natural Resources Wales Permit Reference: Bi3024 Dated: 21st June 2000 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A13SW (W)	157	2	338531 349684
	River Quality Name: Clywedog GQA Grade: River Quality B Reach: Conf.Redwithr Bk. - O/F Five Fords Stw Estimated Distance (km): 4.8 Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000	A8SW (S)	782	3	338497 348972
	River Quality Name: Clywedog GQA Grade: River Quality B Reach: Conf.Deer - Conf.Red'R Bk. Estimated Distance (km): 4 Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000	A8SE (S)	831	3	338811 348911

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	River Quality Biology Sampling Points Name: Clywedog (Dee) Reach: Confluence River Dee To Confluence Red'R Brook Estimated Distance: 4.00 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 1995 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2000 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2002 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2003 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2004 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2005 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2006 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2007 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2008 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2009 GQA Grade: River Quality Biology GQA Grade B - Good	A8SE (S)	741	3	338800 349000
78	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 14th July 2002 Incident Reference: 91450 Water Impact: Category 3 - Minor Incident Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 100m Pollutant: Atmospheric Pollutants and Effects: Smoke	A13SW (SW)	294	2	338500 349500
79	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 23rd May 2020 Incident Reference: 2003572 Water Impact: Category 2 - Significant Incident Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Contaminated Water: Firefighting Run-Off	A8NW (SW)	545	2	338347 349301
79	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 25th May 2007 Incident Reference: 497621 Water Impact: Category 2 - Significant Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Contaminated Water: Firefighting Run-Off	A7NE (SW)	549	2	338338 349303
80	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 19th July 2006 Incident Reference: 418682 Water Impact: Category 1 - Major Incident Air Impact: Category 2 - Significant Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants and Effects: Smoke Pollutant: Contaminated Water: Firefighting Run-Off	A7NE (SW)	565	2	338242 349376
81	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 26th June 2009 Incident Reference: 691429 Water Impact: Category 2 - Significant Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Contaminated Water: Vegetable Washings	A12SE (SW)	573	2	338152 349510

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 15th July 2001 Incident Reference: 16543 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inorganic Chemicals : Acids	A12SW (W)	781	2	337901 349687
83	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 19th January 2006 Incident Reference: 371865 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Organic Chemicals/Products: Other Organic Chemical Or Product Pollutant: Organic Chemicals/Products: Pesticides And Biocides	A12SW (W)	930	2	337752 349682
84	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 8th August 2002 Incident Reference: 98530 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage	A12SW (W)	982	2	337715 349552
85	Water Abstractions Operator: Calypso Soft Drinks Ltd Licence Number: 24/67/7/0222 Permit Version: 1 Location: 144 M Deep, 200mm Dia Bh Aw2 Authority: Environment Agency, Welsh Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Spectrum Business Park Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th September 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	629	3	338360 349190
85	Water Abstractions Operator: Calypso Soft Drinks Ltd Licence Number: 24/67/7/0213 Permit Version: 100 Location: 144 M Deep, 200mm Dia Bh Aw2 Authority: Environment Agency, Welsh Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: 144M Deep 200mm Diameter Borehole Aw2 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th September 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	629	3	338360 349190
85	Water Abstractions Operator: Calypso Soft Drinks Ltd Licence Number: Wa/067/0007/006 Permit Version: 1 Location: Spectrum Business Park Borehole Aw2 Authority: Natural Resources Wales Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Spectrum Business Park, Wrexham Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	643	2	338350 349180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	Water Abstractions Operator: Calypso Soft Drinks Ltd Licence Number: Wa/067/0007/006 Permit Version: 1 Location: 144m Deep, 150mm Dia., Ob1 Authority: Natural Resources Wales Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Spectrum Business Park, Wrexham Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	778	2	338240 349090
86	Water Abstractions Operator: Calypso Soft Drinks Ltd Licence Number: 24/67/7/0222 Permit Version: 1 Location: 144m Deep, 150mm Dia., Ob1 Authority: Environment Agency, Welsh Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Spectrum Business Park Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th September 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	778	3	338240 349090
86	Water Abstractions Operator: Calypso Soft Drinks Ltd Licence Number: 24/67/7/0213 Permit Version: 100 Location: 144m Deep, 150mm Dia., Ob1 Authority: Environment Agency, Welsh Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: 144M Deep 150mm Diameter Ob1 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th September 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	778	3	338240 349090
87	Water Abstractions Operator: Calypso Soft Drinks Ltd Licence Number: Wa/067/0007/006 Permit Version: 1 Location: 144m Deep, 150mm Dia. Borehole Aw1 Authority: Natural Resources Wales Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Spectrum Business Park, Wrexham Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	931	2	338190 348940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	Water Abstractions Operator: Calypso Soft Drinks Ltd Licence Number: 24/67/7/0222 Permit Version: 1 Location: 144m Deep, 150mm Dia. Borehole Aw1 Authority: Environment Agency, Welsh Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Spectrum Business Park Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th September 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	931	3	338190 348940
87	Water Abstractions Operator: Calypso Soft Drinks Ltd Licence Number: 24/67/7/0213 Permit Version: 100 Location: 144m Deep, 150mm Dia. Borehole Aw1 Authority: Environment Agency, Welsh Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: 144M Deep 150mm Diameter Borehole Aw1 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th September 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	931	3	338190 348940
87	Water Abstractions Operator: Cott Beverages Limited Licence Number: Wa/067/0007/006 Permit Version: Not Supplied Location: Not Supplied Authority: Natural Resources Wales Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	931	2	338190 348940
87	Water Abstractions Operator: Cott Beverages Limited Licence Number: Wa/067/0007/006 Permit Version: Not Supplied Location: Spectrum Business Park, Wrexham, Calypso Soft Drinks Ltd, Unit D-F, Spectrum Business Park, Wrexham Industrial Estate, Wrexham, Wrexham, LI13 9qa Authority: Natural Resources Wales Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	931	2	338190 348940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Caparo Wire Ltd Licence Number: 24/67/7/0178 Permit Version: 100 Location: Tributary Of Redwither Brook Authority: Natural Resources Wales Abstraction: Metal: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Tributary Of Redwither Brook Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1162	2	337810 350500
	Water Abstractions Operator: Caparo Wire Ltd Licence Number: 24/67/7/0178 Permit Version: Not Supplied Location: Abstraction From A Tributary Of The Redwither Brook, Wrexham Ind. Est. Authority: Natural Resources Wales Abstraction: Metal: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NW (NW)	1162	2	337810 350500
	Water Abstractions Operator: Mr G Taylor Licence Number: 24/67/9/0130 Permit Version: 100 Location: Well Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th June 1968 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22NW (NW)	1655	3	337980 351230
	Water Abstractions Operator: Mr G.P Davies Licence Number: 24/67/7/0171 Permit Version: 100 Location: Borehole Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st January 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NE)	1964	3	340410 350660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr H Evans Licence Number: 24/67/7/0107 Permit Version: 100 Location: Well Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th October 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NE)	1977	3	340420 350670
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13NE (NE)	0	2	338680 349731
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (NE)	0	2	338680 349731
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (NE)	0	2	338680 349731
88	Source Protection Zones Name: Not Supplied Source: Natural Resources Wales Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13SW (SW)	243	2	338558 349521
89	Source Protection Zones Name: Not Supplied Source: Natural Resources Wales Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A13SW (SW)	262	2	338553 349503
90	Source Protection Zones Name: Not Supplied Source: Natural Resources Wales Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A7NE (SW)	730	2	338259 349135
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 221.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A13NW (N)	164	5	338679 349894
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A13NE (N)	305	5	338783 350018
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A13NE (NE)	322	5	338855 350001
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A13SE (S)	327	5	338746 349412
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A13NE (NE)	338	5	338860 350016
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A13NE (NE)	340	5	338867 350014
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A13NE (NE)	344	5	338872 350016
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A13NE (NE)	359	5	338823 350060
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (N)	461	5	338758 350185

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 32.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SE (W)	514	5	338170 349672
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 276.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Redwither Brook Catchment Name: Dee Primacy: 1	A8NW (SW)	517	5	338352 349332
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 157.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Redwither Brook Catchment Name: Dee Primacy: 1	A7NE (SW)	520	5	338324 349354
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (N)	521	5	338771 350244
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (N)	523	5	338797 350241
105	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 34.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SE (W)	524	5	338157 349717
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SE (W)	527	5	338154 349729
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (NE)	530	5	338930 350198
108	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 74.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SE (W)	533	5	338149 349696

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (N)	534	5	338841 350240
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (NE)	534	5	338930 350203
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (N)	536	5	338847 350240
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SE (W)	560	5	338134 349610
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SE (W)	560	5	338134 349610
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SE (W)	561	5	338134 349603
115	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SE (W)	561	5	338135 349599
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 132.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SE (W)	563	5	338135 349595
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (NE)	566	5	338931 350238

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (NE)	574	5	338956 350233
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SE (SW)	575	5	338169 349469
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Redwither Brook Catchment Name: Dee Primacy: 1	A12SE (SW)	575	5	338180 349448
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Redwither Brook Catchment Name: Dee Primacy: 1	A12SE (SW)	576	5	338174 349459
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 229.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SE (SW)	577	5	338190 349428
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (NE)	578	5	338958 350237
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (NE)	578	5	338958 350237
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 151.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Redwither Brook Catchment Name: Dee Primacy: 1	A12SE (SW)	580	5	338165 349466
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NE (W)	591	5	338114 349896

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NE (W)	599	5	338113 349922
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NE (W)	601	5	338113 349926
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 376.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Redwither Brook Catchment Name: Dee Primacy: 1	A8NW (S)	602	5	338507 349156
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (NE)	606	5	338997 350247
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NE (W)	614	5	338083 349872
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 468.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NE (W)	617	5	338083 349883
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NE (W)	617	5	338083 349883
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NE (W)	617	5	338083 349882
135	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 12.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (NE)	620	5	339000 350261

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 680.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (NE)	630	5	339000 350274
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NE (NW)	630	5	338111 349999
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NE (W)	638	5	338060 349878
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (N)	669	5	338693 350399
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Redwither Brook Catchment Name: Dee Primacy: 1	A12SE (W)	670	5	338038 349543
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 86.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clywedog Catchment Name: Dee Primacy: 1	A8NW (S)	681	5	338571 349059
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18SE (NE)	699	5	338951 350375
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 286.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clywedog Catchment Name: Dee Primacy: 1	A8SW (S)	710	5	338563 349031
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clywedog Catchment Name: Dee Primacy: 2	A8SW (S)	710	5	338563 349031

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 459.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clywedog Catchment Name: Dee Primacy: 1	A8SW (S)	714	5	338557 349028
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 224.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18NW (N)	720	5	338646 350450
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 422.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clywedog Catchment Name: Dee Primacy: 1	A8SE (S)	729	5	338763 349008
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 204.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Redwither Brook Catchment Name: Dee Primacy: 1	A12SW (W)	730	5	337971 349559
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 139.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SW (W)	747	5	337978 349477
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 941.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clywedog Catchment Name: Dee Primacy: 1	A8SE (S)	749	5	338831 348998
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SE (E)	782	5	339459 349665
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SW (W)	858	5	337848 349527
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A8SW (S)	881	5	338575 348856

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 252.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (E)	882	5	339555 349841
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A8SW (S)	885	5	338574 348853
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 107.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (E)	886	5	339557 349857
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clywedog Catchment Name: Dee Primacy: 1	A7SE (SW)	886	5	338299 348932
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clywedog Catchment Name: Dee Primacy: 2	A7SE (SW)	886	5	338299 348932
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 583.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clywedog Catchment Name: Dee Primacy: 1	A8SW (S)	888	5	338356 348905
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 223.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SE (E)	900	5	339541 349470
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Redwither Brook Catchment Name: Dee Primacy: 1	A12SW (W)	906	5	337785 349594
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18NW (N)	908	5	338483 350617

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 201.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SW (W)	910	5	337805 349487
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12SW (W)	910	5	337805 349487
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A8SW (S)	924	5	338575 348813
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 628.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (E)	925	5	339553 350036
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SE (E)	935	5	339596 349545
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18NW (N)	940	5	338409 350630
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9NE (SE)	947	5	339510 349276
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A17SW (NW)	949	5	337929 350310
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 203.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9NE (SE)	951	5	339514 349274

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 178.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (E)	953	5	339608 349950
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A17SW (NW)	966	5	337919 350326
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 114.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A17SW (NW)	966	5	337919 350326
175	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 136.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A17SW (NW)	977	5	337910 350332
176	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Redwith Brook Catchment Name: Dee Primacy: 1	A12SW (W)	986	5	337699 349640
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A8SW (S)	992	5	338593 348743
178	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A18NW (N)	1000	5	338385 350686

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
179	Historical Landfill Sites Licence Holder: BICC Limited Location: Bowling Bank, Wrexham, Clwyd Name: B.I.C.C Cables Limited Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14243 First Input Date: 1st January 1968 Last Input Date: 31st December 1977 Specified Waste: Deposited Waste included Inert Waste and Liquid Sludge Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6955/0008 BGS Ref: Not Supplied Other Ref: Not Supplied	A14NW (E)	434	2	339112 349772
180	Historical Landfill Sites Licence Holder: British Celanese Limited Location: Wrexham Name: British Celanese Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14271 First Input Date: 31st December 1953 Last Input Date: 31st December 1983 Specified Waste: Deposited Waste included Industrial Waste and Liquid Sludge Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6955/0010 BGS Ref: Not Supplied Other Ref: LB/2.3	A12NE (W)	578	2	338107 349798
181	Integrated Pollution Control Registered Waste Sites Name: Sterile Technologies (Newcastle) Ltd Location: Wrexham Plant, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Authority: Environment Agency, Welsh Region Permit Reference: Bm2349 Dated: 19th May 2004 Process Type: IPC minor (non-substantial) variation to previous variation Description: 5.1 A (A) Incineration within the Waste Disposal Industry Status: Revoked - Now IPPC Positional Accuracy: Manually positioned to the road within the address or location	A13SW (W)	149	3	338538 349688
181	Integrated Pollution Control Registered Waste Sites Name: Sterile Technologies (Newcastle) Ltd Location: Wrexham Plant, Marlborough Road, Wrexham Industrial Estate, WREXHAM, CLWYD, LL13 9RJ Authority: Environment Agency, Welsh Region Permit Reference: Bi1595 Dated: 19th September 2000 Process Type: IPC new application Description: 5.1 A (A) Incineration within the Waste Disposal Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A13SW (W)	157	3	338531 349684
182	Licensed Waste Management Facilities (Landfill Boundaries) Name: W D A - Formerly Erie Electronic 1 Licence Number: 37009 Location: Marlborough Road, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RJ Licence Holder: Welsh Assembly Government Authority: Natural Resources Wales Site Category: Other Landfill Sites Taking Special Waste Max Input Rate: Not Supplied Licence Status: Closure Issued: 2nd March 1997 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A13NW (NW)	120	2	338593 349813
183	Licensed Waste Management Facilities (Landfill Boundaries) Name: W D A - Formerly Erie Electronic 2 Licence Number: 37011 Location: Marlborough Road, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RJ Licence Holder: Welsh Assembly Government Authority: Natural Resources Wales Site Category: Other Landfill Sites Taking Special Waste Max Input Rate: Not Supplied Licence Status: Closure Issued: 2nd March 1987 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A13NW (NW)	120	2	338593 349813

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
184	Licensed Waste Management Facilities (Locations) Licence Number: 37223 Location: Eurocare Environmental Services Ltd, Marlborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ Operator Name: Eurocare Environmental Services Ltd Operator Location: Mailing Suite 1, St Peters Wharf, Newcastle Upon Tyne, NE6 1TZ Authority: Environment Agency Wales, North Area Site Category: Physical Treatment Facilities Licence Status: Modified Issued: 6th March 2001 Last Modified: 10th June 2002 Expires: 12th December 2001 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (W)	88	3	338593 349731
184	Licensed Waste Management Facilities (Locations) Licence Number: PP3892FX Location: Wrexham Clinical Waste Treatment Plant & Transfer Station, Wrexham Industrial Estate, Wrexham, Clwyd, Wrexham, LL13 9RJ Operator Name: Sterile Technologies (Newcastle) Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Physical Treatment Facilities Licence Status: Expired Issued: 23rd June 2006 Last Modified: Not Supplied Expires: 23rd June 2006 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (W)	99	2	338582 349722
184	Licensed Waste Management Facilities (Locations) Licence Number: AB3033RL Location: Wrexham Clinical Waste Treatment And Transfer Station, Land / Premises At, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, Wrexham, LL13 9RJ Operator Name: Sita U K Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Clinical Waste Transfer Station Licence Status: Expired Issued: 6th March 2001 Last Modified: Not Supplied Expires: 15th March 2017 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (W)	99	2	338582 349722
184	Licensed Waste Management Facilities (Locations) Licence Number: 37223 Location: Land / Premises At, Marlborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ Operator Name: Sita U K Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Clinical Waste Transfer Stations Licence Status: Modified Issued: 6th March 2001 Last Modified: 27th October 2011 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (W)	99	2	338582 349722

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
184	Licensed Waste Management Facilities (Locations) Licence Number: MP3894FG Location: Marlborough Road Clinical Waste, Wrexham Industrial Estate, Wrexham, Clwyd, Wrexham, LL13 9RJ Operator Name: Sterile Technologies (Newcastle) Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Expired Issued: 12th October 1992 Last Modified: Not Supplied Expires: 9th February 2004 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (W)	100	2	338582 349719
184	Licensed Waste Management Facilities (Locations) Licence Number: 37043 Location: Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Operator Name: Sterile Technologies (Newcastle) Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: To PPC Issued: 12th October 1992 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (W)	100	2	338582 349719
185	Licensed Waste Management Facilities (Locations) Licence Number: RP3237SZ Location: Wrexham Clinical Waste Treatment And Transfer Station, Wrexham Industrial Estate, Wrexham, Clwyd, Wrexham, LL13 9RJ Operator Name: Sita U K Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Physical Treatment Facilities Licence Status: Expired Issued: 6th March 2001 Last Modified: Not Supplied Expires: 9th February 2004 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	101	2	338591 349778
185	Licensed Waste Management Facilities (Locations) Licence Number: BP3394FH Location: W D A - Formerly Erie Electronic 1, Marlborough Road, Wrexham, LL13 9RJ Operator Name: Welsh Assembly Government Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Other Landfill Sites Taking Special Waste Licence Status: Effective Issued: 2nd March 1997 Last Modified: Not Supplied Expires: 25th January 2002 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	125	2	338587 349814

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
185	Licensed Waste Management Facilities (Locations) Licence Number: 37009 Location: Marlborough Road, Wrexham Ind Est, Wrexham, LL13 9RJ Operator Name: Welsh Assembly Government Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Other Landfill Sites Taking Special Waste Licence Status: Closed Issued: 2nd March 1997 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	125	2	338587 349814
185	Licensed Waste Management Facilities (Locations) Licence Number: BP3994FJ Location: W D A - Formerly Erie Electronic 2, Wrexham Ind Est, Wrexham, LL13 9RJ Operator Name: Welsh Assembly Government Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Other Landfill Sites Taking Special Waste Licence Status: Effective Issued: 2nd March 1987 Last Modified: Not Supplied Expires: 25th January 2002 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	125	2	338587 349814
185	Licensed Waste Management Facilities (Locations) Licence Number: 37011 Location: Marlborough Road, Wrexham Ind Est, Wrexham, LL13 9RJ Operator Name: Welsh Assembly Government Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Other Landfill Sites Taking Special Waste Licence Status: Closed Issued: 2nd March 1987 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	125	2	338587 349814
186	Licensed Waste Management Facilities (Locations) Licence Number: 103238 Location: Wrexham Recycling Park, Bryn Lane, Wrexham Industrial Estate, Wrexham, LL13 9UT Operator Name: Waste Recycling Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Treatment - Biological Licence Status: Issued Issued: 18th April 2012 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	178	2	338758 349891

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
187	Licensed Waste Management Facilities (Locations) Licence Number: TP3594FK Location: Bluestone Chemicals Ltd, Wrexham Industrial Estate, Wrexham, Clwyd, Wrexham, LL13 9RD Operator Name: Bluestone Chemicals Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Chemical treatment facility Licence Status: Expired Issued: 17th January 1994 Last Modified: Not Supplied Expires: 13th September 1999 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	436	2	338340 349460
187	Licensed Waste Management Facilities (Locations) Licence Number: 37094 Location: Bluestone Chemicals, Redwither Rd, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Operator Name: Bluestone Chemicals Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Treatment - Chemical Licence Status: Expired Issued: 17th January 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	436	2	338340 349460
188	Licensed Waste Management Facilities (Locations) Licence Number: DP3294FH Location: Bryn Lane Civic Amenity Site, Land / Premises At, Bryn Lane, Wrexham Industrial Estate, Wrexham, LL13 9UT Operator Name: 3C Waste Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household Waste Amenity Sites Licence Status: Effective Issued: 30th June 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	450	2	338898 350124
188	Licensed Waste Management Facilities (Locations) Licence Number: 37259 Location: Land / Premises At, Bryn Lane, Wrexham Industrial Estate, Wrexham, LL13 9UT Operator Name: Waste Recycling Group Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household Waste Amenity Sites Licence Status: Modified Issued: 30th June 2004 Last Modified: 8th March 2011 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	450	2	338898 350124

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
189	Licensed Waste Management Facilities (Locations) Licence Number: YP3994FY Location: Entrec Ltd, Wrexham Industrial Estate, Wrexham, LL13 9RD Operator Name: ENTREC LTD Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Vehicle Dismantlers) Licence Status: Effective Issued: 2nd December 2020 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	516	2	338251 349446
189	Licensed Waste Management Facilities (Locations) Licence Number: 37267 Location: Entrec Ltd, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Operator Name: Entrec Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Vehicle Dismantlers) Licence Status: Modified Issued: 8th September 2004 Last Modified: 7th May 2014 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	516	2	338251 349446
189	Licensed Waste Management Facilities (Locations) Licence Number: 37211 Location: Site One, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Operator Name: Alan's Skip Hire (Wales) Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Modified Issued: 9th March 2000 Last Modified: 15th April 2015 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	546	2	338244 349404
190	Licensed Waste Management Facilities (Locations) Licence Number: WP3094FB Location: ASH Wrexham Recycling Centre, Site One, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Operator Name: Alan's Skip Hire (Wales) Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Effective Issued: 3rd October 2017 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	576	2	338386 349236

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	Licensed Waste Management Facilities (Locations) Licence Number: WP3094FB Location: ASH Wrexham Recycling Centre, Site One, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Operator Name: Alan's Skip Hire (Wales) Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Physical Treatment Facilities Licence Status: Effective Issued: 3rd October 2017 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	576	2	338386 349236
191	Licensed Waste Management Facilities (Locations) Licence Number: AP3394FT Location: Redwither Road Transfer Station, Unit 1, Wrexham Industrial Estate, Wrexham, Clwyd, Wrexham, LL13 9RD Operator Name: North Western Insulation Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Special Waste Transfer Stations Licence Status: Expired Issued: 19th February 2001 Last Modified: Not Supplied Expires: 1st May 2012 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	608	2	338150 349434
191	Licensed Waste Management Facilities (Locations) Licence Number: AP3394FT Location: Redwither Road Transfer Station, Unit 1, Wrexham Industrial Estate, Wrexham, Clwyd, Wrexham, LL13 9RD Operator Name: North Western Insulation Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Expired Issued: 19th February 2001 Last Modified: Not Supplied Expires: 1st May 2012 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	608	2	338150 349434
191	Licensed Waste Management Facilities (Locations) Licence Number: 37221 Location: Unit 1, Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Operator Name: North Western Insulation Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Special Waste Transfer Stations Licence Status: Expired Issued: 19th February 2001 Last Modified: 17th March 2006 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	608	2	338150 349434

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
192	Licensed Waste Management Facilities (Locations) Licence Number: CB3491FL Location: AST Plastic Containers UK LLP, Unit 1, Abbey Road, Redwither Business Park, Wrexham, LL13 9RF Operator Name: AST Plastic Containers UK LLP Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Physical Treatment Facilities Licence Status: Effective Issued: 2nd March 2022 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	947	2	338169 350527
	Local Authority Landfill Coverage Name: Wrexham County Borough Council - Has supplied landfill data		0	6	338680 349731
193	Local Authority Recorded Landfill Sites Location: Bicc Cables Ltd, Wrexham Industrial Estate, Wrexham Reference: 6955/0008 Authority: Wrexham County Borough Council Last Reported Status: Closed Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A14NW (E)	428	6	339107 349767
194	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NW (W)	161	-	338520 349746
195	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (E)	286	-	338957 349663
196	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A13SE (E)	302	-	338982 349712
197	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NW (NW)	306	-	338434 349911
198	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NW (NW)	330	-	338410 349919
199	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SW (SW)	337	-	338479 349461
200	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (S)	349	-	338786 349399
201	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NW (NW)	399	-	338455 350059
202	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A13NE (NE)	410	-	338941 350047
203	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12SE (W)	428	-	338253 349720
204	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (E)	434	-	339088 349880
205	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14NW (NE)	478	-	339045 350039

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
206	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14NW (NE)	481	-	339032 350058
207	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18SE (N)	484	-	338722 350213
208	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NE (S)	484	-	338702 349248
209	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (NE)	500	-	339129 349950
210	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NE (W)	522	-	338198 349929
211	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18SW (N)	524	-	338625 350251
212	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (E)	528	-	339171 349924
213	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SE (NW)	537	-	338326 350134
214	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14SW (E)	556	-	339215 349581
215	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18SE (N)	594	-	338838 350303
216	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9NW (SE)	652	-	339181 349314
217	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NW (SW)	668	-	338394 349128
218	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A18SW (N)	676	-	338609 350403
219	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (E)	677	-	339353 349809
220	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A18NW (N)	687	-	338572 350409
221	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NW (SW)	699	-	338385 349098
222	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SE (NW)	708	-	338223 350271
223	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9NW (SE)	718	-	339239 349281
224	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A12NW (W)	727	-	337954 349741
225	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SE (NW)	731	-	338189 350272
226	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9NW (SE)	734	-	339238 349255

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
227	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SE (NW)	738	-	338302 350365
228	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SE (NW)	746	-	338123 350225
229	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14SE (E)	750	-	339391 349493
230	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A12NW (W)	761	-	337926 349829
231	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9NW (SE)	773	-	339288 349255
232	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NW (W)	776	-	337944 349975
233	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9NW (SE)	804	-	339194 349113
234	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A7NW (SW)	805	-	337988 349321
235	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NE (N)	815	-	338878 350521
236	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A12SW (W)	834	-	337847 349729
237	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NE (N)	840	-	338809 350561
238	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9SW (SE)	840	-	339166 349045
239	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A14SE (E)	890	-	339558 349584
240	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9NW (SE)	894	-	339320 349107
241	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9NW (SE)	900	-	339301 349079
242	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17NE (NW)	906	-	338153 350468
243	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12SW (W)	928	-	337797 349448
244	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17NE (NW)	934	-	338110 350470
245	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NE (N)	936	-	338877 350646
246	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NW (N)	941	-	338618 350669
247	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NW (W)	942	-	337757 349914

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
248	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12SW (W)	945	-	337749 349577
249	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NE (N)	966	-	338861 350679
250	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A9SE (SE)	970	-	339359 349038
251	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SW (W)	980	-	337773 350099
252	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NW (W)	982	-	337709 349874
253	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A7SW (SW)	982	-	337976 349047
254	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14SE (E)	989	-	339658 349587
255	Registered Landfill Sites Licence Holder: Welsh Development Agency Licence Reference: NOW-518/519-L L44/44A Site Location: Erie Electronics Site, Wrexham Industrial Estate, Wrexham, Clwyd Licence Easting: 338550 Licence Northing: 349800 Operator Location: As Site Address Authority: Environment Agency Wales, North Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Site Closed Dated: 1st March 1987 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Environment Agency Soil Contam. With Pcb must give specific authorisation for this waste to be accepted Waste requires prior approval	A13NW (NW)	148	3	338550 349800
256	Registered Landfill Sites Licence Holder: British Celanese Licence Reference: L10 Site Location: British Celanese, Industrial Estate, Wrexham, Clwyd Licence Easting: 338000 Licence Northing: 349770 Operator Location: As Site Address Authority: Environment Agency Wales, North Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Dated: 1st June 1977 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Asbestos Cellulose Waste Contaminated Waste Delagged Pipes Oil/Water Mixtures	A12NW (W)	682	3	338000 349770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
257	Registered Waste Transfer Sites Licence Holder: Reynolds Services - North Western Insul' Licence Reference: EAWML37221 Site Location: Redwither Road Transfer Station, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RD Operator Location: Redwither Road Transfer Station, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RD Authority: Environment Agency Wales, North Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Site not yet started Dated: 19th February 2001 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Asbestos Maximum Waste Permitted By Licence Prohibited Waste: Liquid Wastes Other Waste / Waste Not Otherwise Specified Sludge Wastes Special Waste (As In Epa 1990:S62 Of 1996 Regs) Not Otherwise Specified	A12SE (SW)	602	3	338160 349430
258	Registered Waste Treatment or Disposal Sites Licence Holder: Eurocare Environmental Services Ltd Licence Reference: EAWML37223 Site Location: Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9rj Operator Location: Maling Suite, 1 St Peters Wharf, NEWCASTLE UPON TYNE, Tyne and Wear, NE6 1TZ Authority: Environment Agency Wales, North Area Site Category: Transfer - with treatment Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 6th March 2001 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Household Waste Incidental To Clinical Waste - Eg Flowers, Newspapers Maximum Waste Permitted By Licence Non-Special Clinical Waste Pharmaceutical Waste Prescription Only Medical Products Prohibited Waste: Special Waste (As In Epa 1990:S62 Of 1996 Regs) - Consisting Only Of Clinical Waste With Hazard Groups 2, 3, 4 Household/Commercial/Industrial Waste (As In Post'98 E.A.Lics And Equivalent To 22.09.00) Inert Materials (As In Post'98 E.A.Lics And Equivalent To 21.00.00) Liquid Waste (Other Than Blood, Urine In Containers < 5 Litre Cap'Y) Material With Any Haz.Code In(H1, H2, H3a,H8,H9,H12) Metal Waste/Scrap Metal (As In Post'98 E.A.Lics And Equivalent To 23.00.00) Other Waste / Waste Not Otherwise Specified Sludge Wastes Unpackaged Waste Environment Agency Other Household/Com./Ind. Waste - Eg Confidential Papers must give specific authorisation for this waste to be acceptedWaste requires prior approval	A13NW (W)	83	3	338600 349750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
258	Registered Waste Treatment or Disposal Sites Licence Holder: Trinco Ltd Licence Reference: NOW-507-L (L69) Site Location: Off Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd Operator Location: 125 Richmond Place, Boughton, CHESTER, Cheshire, CH3 5BJ Authority: Environment Agency Wales, North Area Site Category: Incineration Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 1st October 1992 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Clin.Waste-Gps Aa,B,C,B,C,D,E Hsc'82 Hospital Wastes Which Includes Clin. Prohibited Waste: Liquified Gas / Gas Under Pressure Mercury & Its Cpds Radioactive Wastes Spec.Waste (Epa'90:S62/1996 Regs) Waste N.O.S. Environment Agency Other Combustible Waste must give specific authorisation for this waste to be acceptedWaste requires prior approval	A13SW (W)	91	3	338590 349730
258	Registered Waste Treatment or Disposal Sites Licence Holder: Aggregates & Equipment Ltd Licence Reference: L52A Site Location: Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9rj Operator Location: As Site Address Authority: Environment Agency Wales, North Area Site Category: Transfer - with Baling(compaction) Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st February 1990 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: House, Com + Ind.Waste Metal Paper/Cardboard/Packaging Waste Timber	A13SW (W)	135	3	338550 349700
259	Registered Waste Treatment or Disposal Sites Licence Holder: Bluestone Chemicals Ltd Licence Reference: NOW-524-L (L76) Site Location: Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd Operator Location: Coniston, Wynnstay Lane, Marford, WREXHAM, Clwyd, LL12 8YA Authority: Environment Agency Wales, North Area Site Category: Transfer - with treatment Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 17th January 1994 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Chromium Hydroxide Filter Cake Maximum Quantity Storage Other Class.Spent Catalysts-Agreed Wra Spent Copper Chromite Catalysts Spent Nickel Catalyst	A12SE (SW)	473	3	338300 349450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
260	Registered Waste Treatment or Disposal Sites Licence Holder: North Western Insulation Licence Reference: L81 Site Location: Wrexham Industrial Estate, Wrexham, Clwyd Operator Location: As Site Address Authority: Environment Agency Wales, North Area Site Category: Storage Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st April 1994 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste: Bonded Asbestos Fibrous Asbestos, Chrysotile & Amosite Prohibited Waste: Slurried Or Otherwise Mobile Waste	A12SE (SW)	584	3	338200 349400
260	Registered Waste Treatment or Disposal Sites Licence Holder: Alpha Environmental Management Ltd Licence Reference: EAWML37211 Site Location: Site 1 Redwither Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RD Operator Location: Singret Cottage, Singret Hill, Llay, WREXHAM, Clwyd, LL12 0NS Authority: Environment Agency Wales, North Area Site Category: Transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 9th March 2000 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Maximum Waste Permitted By Licence Solid, Dry Non-Haz. Degradable Commercial Waste Solid, Dry Non-Haz. Degradable Household Waste Solid, Dry Non-Haz. Degradable Industrialwaste Solid, Dry Non-Haz. Inert Waste Solid, Dry Non-Haz. Metal Waste With Annual Maximum Prohibited Waste: Liquid Wastes Other Waste/Waste Not Otherwise Specified Sludge Wastes Special Waste (As In Epa 1990:S62 Of 1996 Regs)	A12SE (SW)	598	3	338180 349405

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Warwickshire Group	A13NE (NE)	0	1	338680 349731
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	0	1	338680 349731
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (S)	231	1	338680 349500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (N)	270	1	338680 350000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SE (S)	718	1	338801 349024
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 300 - 600 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SE (SE)	798	1	339000 349000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SW (S)	812	1	338526 348934

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (E)	820	1	339500 349731
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (S)	847	1	339000 348947
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (SE)	938	1	339088 348887
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (S)	977	1	339000 348808
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	338680 349731
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	338680 349731
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	338680 349731
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	338680 349731
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	338680 349731

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	159	1	338522 349733
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	338680 349731
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	338680 349731
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	338680 349731

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
261	Contemporary Trade Directory Entries Name: Scrap My Car Now For Money Wrexham Kws Location: Abbey Road, Wrexham, Clwyd, LL13 9RF Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13NW (N)	24	-	338677 349754
261	Contemporary Trade Directory Entries Name: Copal Casting Ltd Location: Abbey Rd, Wrexham Indust Est, Wrexham, Clwyd, LL13 9RF Classification: Precision Engineers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NW (N)	24	-	338676 349754
261	Contemporary Trade Directory Entries Name: D H D Engineering Services Ltd Location: Abbey Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RF Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	24	-	338677 349754
261	Contemporary Trade Directory Entries Name: Transport & Storage Services Ltd Location: Unit 108, Abbey Rd, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RF Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	25	-	338677 349756
262	Contemporary Trade Directory Entries Name: Biffa Waste Services Ltd Location: Abbey Road South, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RF Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NW (W)	35	-	338646 349734
262	Contemporary Trade Directory Entries Name: Williams Edm Location: Abbey Rd, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RF Classification: Tool Design, Manufacturers & Makers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	52	-	338644 349694
263	Contemporary Trade Directory Entries Name: Tradebe Healthcare Location: Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Classification: Medical Waste Disposal Status: Active Positional Accuracy: Manually positioned to the address or location	A13SW (W)	131	-	338550 349724
264	Contemporary Trade Directory Entries Name: Complete Pest Control Services Wrexham Location: WREXHAM INDUSTRIAL ESTATE, WREXHAM, LL13 9UT Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	152	-	338810 349652
265	Contemporary Trade Directory Entries Name: Recovered Plastics Location: Abbey Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RF Classification: Recycling Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	163	-	338576 349856
266	Contemporary Trade Directory Entries Name: The Handle Studio Location: Marlborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ Classification: Hardware Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	201	-	338509 349627
266	Contemporary Trade Directory Entries Name: Sita Uk Location: Marlborough Rd, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RJ Classification: Medical Waste Disposal Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	228	-	338481 349622
267	Contemporary Trade Directory Entries Name: J B Fabrication (Wrexham) Ltd Location: Bryn Lane, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UT Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	211	-	338746 349531

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
268	Contemporary Trade Directory Entries Name: Unimaq Ltd Location: Unit 6, Pacific Park, Bridge Road, Wrexham Industrial Estate, Wrexham, LL13 9PN Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	225	-	338485 349842
268	Contemporary Trade Directory Entries Name: Unimag Location: Unit 6, Pacific Park, Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9PN Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	230	-	338480 349842
269	Contemporary Trade Directory Entries Name: Automation Support Services Location: Dunster rd, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RE Classification: Automation Systems & Equipment Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	233	-	338495 349591
269	Contemporary Trade Directory Entries Name: R C Motors Wrexham Ltd Location: Redwither Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RD Classification: Car Breakdown & Recovery Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	250	-	338512 349547
270	Contemporary Trade Directory Entries Name: Cpl Petroleum Location: Wrexham Depot, Bryn Lane, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UT Classification: Oil Fuel Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	261	-	338894 349880
270	Contemporary Trade Directory Entries Name: P E S Location: Unit L, Bryn La, Wrexham Ind Est, Wrexham, Clwyd, LL13 9UT Classification: Garage Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	274	-	338917 349868
270	Contemporary Trade Directory Entries Name: Stayclean Services Location: Unit 4 Ridley Wood Complex, Bryn La, Wrexham Indust Est, Wrexham, Clwyd, LL13 9UW Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	308	-	338930 349910
271	Contemporary Trade Directory Entries Name: Barrons Location: Dunster Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RE Classification: Caravan Dealers & Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	301	-	338424 349574
271	Contemporary Trade Directory Entries Name: Williams Location: Dunster Road, Wrexham Industrial Estate, Wrexham, LL13 9RE Classification: Vehicle Inspection Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	301	-	338426 349571
272	Contemporary Trade Directory Entries Name: A C F Joinery Location: Redwither Rd, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RD Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	346	-	338425 349498
272	Contemporary Trade Directory Entries Name: Brake Engineering Location: Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Classification: Car Component Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	382	-	338413 349458

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
272	Contemporary Trade Directory Entries Name: Z F Services Location: Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Classification: Brake & Clutch Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	382	-	338413 349458
272	Contemporary Trade Directory Entries Name: Brake Engineering Location: Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	382	-	338413 349458
273	Contemporary Trade Directory Entries Name: Radioactive Communications Ltd Location: Unit T6, Tower Close, Redwither Business Park, Wrexham, Clwyd, LL13 9WB Classification: Radio Communication Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	354	-	338646 350083
274	Contemporary Trade Directory Entries Name: S M Shepherd C V R Location: Unit R2, Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	358	-	338374 349548
275	Contemporary Trade Directory Entries Name: Coolpoint Location: Bridge Road, Wrexham Industrial Estate, Wrexham, LL13 9PS Classification: Refrigeration Equipment - Commercial Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	367	-	338329 349836
276	Contemporary Trade Directory Entries Name: Meridian Foods Location: Unit 101 The Warehouse, Bryn Lane, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UT Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NW (NE)	376	-	339020 349892
277	Contemporary Trade Directory Entries Name: Higher Oak Garage Location: Oak Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RG Classification: Car Customisation & Conversion Specialists Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	381	-	338833 349382
278	Contemporary Trade Directory Entries Name: Premier Press Location: Ridley Wood Industrial Complex, Bryn Lane, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UT Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A13NE (NE)	390	-	338875 350068
279	Contemporary Trade Directory Entries Name: Isringhausen Gb Ltd Location: Second Avenue, Redwither Business Park, Wrexham, Clwyd, LL13 9XQ Classification: Seating Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	403	-	338394 350014
280	Contemporary Trade Directory Entries Name: Mulberry Blinds Location: Unit T4, Tower Close, Redwither Business Park, Wrexham, LL13 9WB Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	413	-	338655 350142
280	Contemporary Trade Directory Entries Name: Wrexham Metal Finishing Location: Unit T3, Tower Close, Redwither Business Park, Wrexham, Clwyd, LL13 9WB Classification: Powder Coatings Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	431	-	338649 350160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
280	Contemporary Trade Directory Entries Name: Kaefer Location: Unit T3, Tower Close, Redwither Business Park, Wrexham, LL13 9WB Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	433	-	338652 350163
281	Contemporary Trade Directory Entries Name: R & J Motors Location: Unit 9, Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9RG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	434	-	338890 349352
281	Contemporary Trade Directory Entries Name: D K Motor Services Location: Oak Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	441	-	338898 349348
281	Contemporary Trade Directory Entries Name: J B Auto Clinic Location: UNIT 9, OAK ROAD, WREXHAM INDUSTRIAL ESTATE, WREXHAM, LL13 9RG Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	441	-	338896 349347
282	Contemporary Trade Directory Entries Name: Duct Hygiene Location: Unit 4 Office 3, Bridge Business Centre, Ash Road South, Wrexham, LL13 9UG Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	448	-	338234 349713
283	Contemporary Trade Directory Entries Name: Entrec Location: Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Classification: Scrap Metal Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (SW)	449	-	338289 349513
284	Contemporary Trade Directory Entries Name: B I C C General Uk Location: Oak Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9PH Classification: Cable & Wire Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	455	-	339105 349568
285	Contemporary Trade Directory Entries Name: Trittech Group Ltd Location: Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9PS Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	462	-	338242 349587
286	Contemporary Trade Directory Entries Name: K D Products Ltd Location: Ground Floor, Redwither Tower, Redwither Business Park, Wrexham, Clwyd, LL13 9XT Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	472	-	338442 350138
286	Contemporary Trade Directory Entries Name: Refractory International Ltd Location: Redwither Tower, Redwither Business Pk, Wrexham, Clwyd, LL13 9XT Classification: Refractory Materials & Supplies Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	472	-	338442 350138
286	Contemporary Trade Directory Entries Name: Remagen Location: Second Floor, Redwither Tower, Redwither Business Park, Wrexham, Clwyd, LL13 9XT Classification: Seating Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	472	-	338442 350138

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
286	Contemporary Trade Directory Entries Name: Tisane Location: 2f, Redwither Tower, Redwither Business Pk, Wrexham, Clwyd, LL13 9XT Classification: Seating Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	472	-	338442 350138
286	Contemporary Trade Directory Entries Name: Dee Pharmaceuticals Ltd Location: Redwither Tower, Redwither Business Pk, Wrexham, Clwyd, LL13 9XT Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	472	-	338442 350138
287	Contemporary Trade Directory Entries Name: Miac Ltd Location: Unit T2, Tower Close, Redwither Business Park, Wrexham, Clwyd, LL13 9WB Classification: Cable & Wire Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	473	-	338636 350202
287	Contemporary Trade Directory Entries Name: Wrexham Metal Finishing Location: Unit 250A, Redwither Business Pk, Wrexham, Clwyd, LL13 9UE Classification: Powder Coatings Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (N)	505	-	338606 350230
287	Contemporary Trade Directory Entries Name: Wrexham Metal Finishing Location: Unit 250a, Elm Road, Redwither Business Park, Wrexham, Clwyd, LL13 9UE Classification: Powder Coatings Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	506	-	338606 350231
288	Contemporary Trade Directory Entries Name: I F A Ltd Location: Unit D7, Dutton Road, Redwither Business Park, Wrexham, Clwyd, LL13 9UL Classification: Flow Measurement Systems - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	488	-	338315 350053
288	Contemporary Trade Directory Entries Name: C M W Controls Ltd Location: 7 Dutton Rd, Redwither Business Pk, Wrexham, Clwyd, LL13 9UL Classification: Electrical Engineers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	488	-	338314 350052
288	Contemporary Trade Directory Entries Name: Paul Bristow Associates Ltd Location: Unit D6, Dutton Road, Redwither Business Park, Wrexham, Clwyd, LL13 9UL Classification: Printers Textile Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	514	-	338302 350078
288	Contemporary Trade Directory Entries Name: Omega Technical Supplies Ltd Location: Unit D5, Dutton Road, Redwither Business Park, Wrexham, Clwyd, LL13 9UL Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	528	-	338296 350093
288	Contemporary Trade Directory Entries Name: Pure Transfer Location: Unit 2, Dutton Rd, Redwither Business Pk, Wrexham, Clwyd, LL13 9UL Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	529	-	338296 350093
289	Contemporary Trade Directory Entries Name: Ash Waste Services Ltd Location: Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	503	-	338307 349395
289	Contemporary Trade Directory Entries Name: Ash Waste Services Ltd Location: Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	503	-	338307 349395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
290	Contemporary Trade Directory Entries Name: Nutrafeed Ltd Location: Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9PS Classification: Reclaiming - Waste Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	532	-	338185 349539
291	Contemporary Trade Directory Entries Name: P F W Location: Unit 7, Oak Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RG Classification: Steel Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	534	-	338991 349297
291	Contemporary Trade Directory Entries Name: R & J Motors Location: Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9RG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	551	-	338977 349267
291	Contemporary Trade Directory Entries Name: R & J Motors Location: OAK ROAD, WREXHAM INDUSTRIAL ESTATE, WREXHAM, LL13 9RG Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	551	-	338977 349267
292	Contemporary Trade Directory Entries Name: Dragon Hydraulics Location: Unit 245b, Elm Road, Redwither Business Park, WREXHAM, Clwyd, LL13 9UE Classification: Hydraulic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	559	-	338588 350282
292	Contemporary Trade Directory Entries Name: Project Engineering Location: Unit 248, Elm Rd, Redwither Business Pk, Wrexham, Clwyd, LL13 9UE Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	584	-	338606 350310
293	Contemporary Trade Directory Entries Name: Ningbo Furniture Location: Unit 2 Redwither Business Park, First Avenue, Redwither Business Park, Wrexham, Clwyd, LL13 9XP Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (NW)	563	-	338404 350221
293	Contemporary Trade Directory Entries Name: Mccarthy Haulage Location: Building 4, First Avenue, Redwither Business Park, Wrexham, Clwyd, LL13 9XP Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	563	-	338404 350221
293	Contemporary Trade Directory Entries Name: Ningbo Distributors Location: Unit 4 Wrexham Industrial Estate, First Avenue, Redwither Business Park, Wrexham, Clwyd, LL13 9XP Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (NW)	563	-	338404 350221
293	Contemporary Trade Directory Entries Name: Goodfellow Uk Location: Unit 4 First Avenue, Redwither Business Park, Wrexham, Clwyd, LL13 9XP Classification: Floorcoverings - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	565	-	338400 350221
293	Contemporary Trade Directory Entries Name: Ningbo Palletised Distribution Location: Building 4, First Avenue, Redwither Business Park, Wrexham, LL13 9XP Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	566	-	338400 350221

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
294	Contemporary Trade Directory Entries Name: Multi Packaging Solutions Location: Redwither Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RD Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	569	-	338267 349341
295	Contemporary Trade Directory Entries Name: Demon Tweeks Location: Ash Road South, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UG Classification: Cycle Accessories, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	599	-	338179 350057
295	Contemporary Trade Directory Entries Name: Tweeks Cycles Location: UNIT 75, ASH ROAD SOUTH, WREXHAM INDUSTRIAL ESTATE, WREXHAM, LL13 9UG Classification: Cycle Accessories, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (NW)	599	-	338178 350057
295	Contemporary Trade Directory Entries Name: Demon Tweeks Fitting Centre Location: Ash Road South, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	599	-	338179 350057
295	Contemporary Trade Directory Entries Name: Demon Tweeks Performance Location: Ash Road South, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UG Classification: Car Customisation & Conversion Specialists Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	599	-	338179 350057
296	Contemporary Trade Directory Entries Name: P & G Joinery Location: Unit 242B, Elm Road, Redwither Business Park, Wrexham, Clwyd, LL13 9UE Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	604	-	338578 350326
296	Contemporary Trade Directory Entries Name: T Jones Location: Unit 242F, Elm Road, Redwither Business Park, Wrexham, Clwyd, LL13 9UE Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	604	-	338578 350326
296	Contemporary Trade Directory Entries Name: Clwyd Compounders Ltd Location: 1 Elm Point, Abbey Road North, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UE Classification: Sealant Compounds & Applications Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	624	-	338560 350343
296	Contemporary Trade Directory Entries Name: Print Project Location: Unit 235B, Elm Road, Redwither Business Park, Wrexham, Clwyd, LL13 9UE Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	654	-	338568 350374
296	Contemporary Trade Directory Entries Name: P C C Systems Ltd Location: Unit 235D, Elm Road, Redwither Business Park, Wrexham, Clwyd, LL13 9UE Classification: Electronic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	654	-	338568 350374
297	Contemporary Trade Directory Entries Name: Sutton Green Engineers Location: Oak Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RG Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	608	-	339060 349257

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
297	Contemporary Trade Directory Entries Name: Sutton Green Engineers Location: Oak Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RG Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	608	-	339060 349257
298	Contemporary Trade Directory Entries Name: Bostock Air Conditioning Ltd Location: Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Classification: Air Conditioning Equipment & Systems Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	613	-	338193 349359
299	Contemporary Trade Directory Entries Name: H T C Management Services Ltd Location: Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	645	-	338110 349430
299	Contemporary Trade Directory Entries Name: Johnny'S Garage Ltd Location: WREXHAM INDUSTRIAL ESTATE, WREXHAM, LL13 9RD Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (SW)	645	-	338110 349430
299	Contemporary Trade Directory Entries Name: D & G Automotive Ltd Location: WREXHAM INDUSTRIAL ESTATE, WREXHAM, LL13 9RD Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (SW)	645	-	338110 349430
300	Contemporary Trade Directory Entries Name: Industrial Encoders Direct Ltd Location: Unit D1, Dutton Road, Redwither Business Park, Wrexham, Clwyd, LL13 9UL Classification: Industrial Instrument & Apparatus Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	646	-	338248 350210
301	Contemporary Trade Directory Entries Name: A A D Wholesale Foods Location: Ash Rd South, Wrexham Ind Est, Wrexham, Clwyd, LL13 9UG Classification: Meat - Wholesale Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NE (NW)	650	-	338096 350015
301	Contemporary Trade Directory Entries Name: S G Logistics Location: Ash Rd South, Wrexham Ind Est, Wrexham, Clwyd, LL13 9UG Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NE (NW)	673	-	338090 350052
302	Contemporary Trade Directory Entries Name: Gesnl Location: Office 10, Redwither Business Centre, Redwither Business Park, Wrexham, Clwyd, LL13 9XR Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	654	-	338440 350339
302	Contemporary Trade Directory Entries Name: P H Jones Location: Office F5, Redwither Business Centre, Redwither Business Park, Wrexham, Clwyd, LL13 9XR Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	654	-	338440 350339
302	Contemporary Trade Directory Entries Name: Arrow Environmental Services Ltd Location: Unit 10, First Floor, Redwither Business Centre, Redwither Business Park, Wrexham, Clwyd, LL13 9XR Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	654	-	338440 350339

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
302	Contemporary Trade Directory Entries Name: Home Style Roof Line Products Ltd Location: Redwither Business Centre, Redwither Business Park, Wrexham, Clwyd, LL13 9XR Classification: Cladding Suppliers & Installers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A18SW (N)	654	-	338440 350339
302	Contemporary Trade Directory Entries Name: Applied Products Location: Unit P, Ground Floor, Redwither Business Centre, Redwither Business Park, Wrexham, Clwyd, LL13 9XR Classification: Window Tinting Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	654	-	338440 350339
302	Contemporary Trade Directory Entries Name: Engtechniques Ltd Location: 15 Redwither Business Centre, Redwither Business Pk, Wrexham, Clwyd, LL13 9XR Classification: Materials Handling Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (N)	654	-	338439 350338
302	Contemporary Trade Directory Entries Name: Electricity Solutions Location: Redwither Business Centre, Redwither Business Pk, Wrexham, Clwyd, LL13 9XR Classification: Electrical Engineers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (N)	654	-	338439 350338
302	Contemporary Trade Directory Entries Name: Evans Environmental Location: Redwither Business Centre, Redwither Business Pk, Wrexham, Clwyd, LL13 9XR Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	699	-	338426 350382
303	Contemporary Trade Directory Entries Name: Oak Engineering Location: Oak Rd, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RG Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	655	-	339090 349220
303	Contemporary Trade Directory Entries Name: Bowling Bank Garage Location: Oak Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RG Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	657	-	339082 349211
303	Contemporary Trade Directory Entries Name: R & J Motors Location: Oak Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RG Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	659	-	339094 349218
304	Contemporary Trade Directory Entries Name: Advanced Vehicle Servicing Location: Unit 5, Ash Road South, Wrexham, LL13 9UG Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	674	-	338151 350147
305	Contemporary Trade Directory Entries Name: Space Age Manufacturing Location: Units 231 Abbey Rd, Redwither Industrial Complex, Wrexham, Clwyd, LL13 9UE Classification: Precision Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	689	-	338475 350388
305	Contemporary Trade Directory Entries Name: Cns Cleaning Ltd Location: 401 Abbey Road North, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RF Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	695	-	338474 350394

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
306	Contemporary Trade Directory Entries Name: Bright Steel Wire Ltd Location: Unit D, Spectrum Business Park, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9QA Classification: Wire Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	715	-	338195 349206
307	Contemporary Trade Directory Entries Name: Maelor Display Systems Ltd Location: Unit 9, Ash Road South, Wrexham Industrial Estate, Wrexham, LL13 9UG Classification: Electronic Equipment - Manufacturers & Assemblers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	716	-	338093 350139
307	Contemporary Trade Directory Entries Name: Ledtech Location: Ash Road South, Wrexham Industrial Estate, Wrexham, LL13 9UG Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	716	-	338093 350139
308	Contemporary Trade Directory Entries Name: Robert Griffiths & Sons Location: Unit 227B, Elm Road, Redwither Business Park, Wrexham, Clwyd, LL13 9UE Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	727	-	338568 350449
309	Contemporary Trade Directory Entries Name: Premier Decorations Ltd Location: Oak Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9PQ Classification: Distribution Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	728	-	339325 349394
310	Contemporary Trade Directory Entries Name: Cortecs Healthcare Ltd Location: Wrexham Indust Est, Abbey Rd, Wrexham, Clwyd, LL13 9PW Classification: Medical Instruments - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	741	-	338443 350432
311	Contemporary Trade Directory Entries Name: S P I Global Play Ltd Location: Unit C, Spectrum Business Park, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9QA Classification: Toys, Games & Sporting Goods - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	744	-	338067 349310
312	Contemporary Trade Directory Entries Name: Betts Uk Ltd Location: Ash Road South, Wrexham Indust Est, Wrexham, Clwyd, LL13 9UG Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	751	-	338057 350148
312	Contemporary Trade Directory Entries Name: Conren Ltd Location: Unit 1, Ash Road South, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UG Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	764	-	338073 350194
312	Contemporary Trade Directory Entries Name: Nightingale Care Beds Location: Unit 1, Ash Road South, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UG Classification: Medical Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	764	-	338073 350194
313	Contemporary Trade Directory Entries Name: Genice Foods Ltd Location: Unit B, Spectrum Business Park, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9QA Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	765	-	338014 349357

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
313	Contemporary Trade Directory Entries Name: Kannon 2000 Location: Spectrum Business Pk, Wrexham Ind Est, Wrexham, Clwyd, LL13 9QA Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	767	-	338026 349332
313	Contemporary Trade Directory Entries Name: Hi-Mark Automotive Ltd Location: Unit A, Spectrum Business Park, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9QA Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	785	-	337979 349380
314	Contemporary Trade Directory Entries Name: George L Williams Location: Ash Rd South, Wrexham Ind Est, Wrexham, Clwyd, LL13 9UG Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	766	-	338026 350128
315	Contemporary Trade Directory Entries Name: Wrexham General Engineering Ltd Location: Unit 226e, Elm Road, Redwither Business Park, Wrexham, Clwyd, LL13 9UE Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	769	-	338527 350484
315	Contemporary Trade Directory Entries Name: Wrexham Rubber Fabricators Ltd Location: Unit 226B, Elm Road, Redwither Business Park, Wrexham, Clwyd, LL13 9UE Classification: Rubber & Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	769	-	338527 350484
315	Contemporary Trade Directory Entries Name: Lm Engineering Services Ltd Location: 226a-D, Unit, Abbey Road, Redwither Business Park, Wrexham, Clwyd, LL13 9XU Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	769	-	338527 350484
316	Contemporary Trade Directory Entries Name: Refresco Location: Refresco, Spectrum Business Park, Wrexham, LL13 9QA Classification: Soft Drinks - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	770	-	338291 349068
317	Contemporary Trade Directory Entries Name: P E S Location: Bryn Lane, Wrexham Ind Est, Wrexham, Clwyd, LL13 9UT Classification: Garage Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	772	-	338964 350448
318	Contemporary Trade Directory Entries Name: Meridian Foods Location: Unit 101 The Warehouse, Bryn Lane, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UT Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	780	-	338821 350498
318	Contemporary Trade Directory Entries Name: Kelloggs Location: Bryn Lane, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UT Classification: Food Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	780	-	338821 350498
318	Contemporary Trade Directory Entries Name: Owens Corning Fibreglas (G B) Ltd Location: Wrexham Plant, Bryn Lane, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9JU Classification: Glass Fibre Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	780	-	338821 350498

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
318	Contemporary Trade Directory Entries Name: Town & Country Heating Supply Co Location: Bryn Lane, Wrexham Ind Est, Wrexham, Clwyd, LL13 9UT Classification: Oil Fuel Distributors Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	780	-	338821 350498
319	Contemporary Trade Directory Entries Name: Ardagh Group Location: Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9PS Classification: Can Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	781	-	337901 349688
320	Contemporary Trade Directory Entries Name: Nutrafeed Location: Bridge Rd, Wrexham Ind Est, Wrexham, Clwyd, LL13 9PS Classification: Pet Foods & Animal Feeds Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	794	-	337935 349460
321	Contemporary Trade Directory Entries Name: Try Thai Shop Location: Unit 27-28, The Bridgeway Centre, Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9QS Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SW (W)	831	-	337889 349478
321	Contemporary Trade Directory Entries Name: Rascals Petfood Centre Location: Unit 24, The Bridgeway Centre, Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9QS Classification: Pet Foods & Animal Feeds Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	847	-	337867 349498
321	Contemporary Trade Directory Entries Name: Help Save Our Planet Recycled Goods Location: Unit 25, The Bridgeway Centre, Coed Aben Rd, Wrexham Ind Est, Wrexham, Clwyd, LL13 9QS Classification: Recycling Centres Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12SW (W)	857	-	337860 349486
321	Contemporary Trade Directory Entries Name: Gallion Ltd Location: Unit 30, The Bridgeway Centre, Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9QS Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	862	-	337864 349458
321	Contemporary Trade Directory Entries Name: Intawood Location: Unit 21, The Bridgeway Centre, Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9QS Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	868	-	337856 349463
322	Contemporary Trade Directory Entries Name: A W R Engineering Services Location: Unit A11, Abbey Close, Redwither Business Park, Wrexham, Clwyd, LL13 9XG Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	846	-	338442 350542
322	Contemporary Trade Directory Entries Name: Petcor Ltd Location: Unit A4, Abbey Close, Redwither Business Park, Wrexham, Clwyd, LL13 9XG Classification: Pet Foods & Animal Feeds Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	878	-	338410 350566
322	Contemporary Trade Directory Entries Name: N S Eastern Cuisine Location: Unit A8, Abbey Close, Redwither Business Park, Wrexham, Clwyd, LL13 9XG Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	880	-	338449 350579

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
322	Contemporary Trade Directory Entries Name: Wrexham Autogas Ltd Location: Unit 7, Abbey Cl, Redwither Business Pk, Wrexham, Clwyd, LL13 9XG Classification: Autogas Suppliers & Installers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NW (N)	887	-	338440 350584
322	Contemporary Trade Directory Entries Name: Discount Central Heating Supplies Location: Unit A7, Abbey Close, Redwither Business Park, Wrexham, Clwyd, LL13 9XG Classification: Central Heating Supplies & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	887	-	338441 350585
323	Contemporary Trade Directory Entries Name: Discount Central Heating Supplies Location: Unit A2, Abbey Close, Redwither Business Park, Wrexham, Clwyd, LL13 9XG Classification: Central Heating Supplies & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	846	-	338393 350526
323	Contemporary Trade Directory Entries Name: Big Hand Brewing Company Location: Unit A1, Abbey Close, Redwither Business Park, Wrexham, LL13 9XG Classification: Brewers Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	857	-	338381 350533
323	Contemporary Trade Directory Entries Name: Ceramic Pro North Wales Location: Liam House, Abbey Road, Wrexham, LL13 9RX Classification: Car Washing & Polishing Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	887	-	338371 350562
323	Contemporary Trade Directory Entries Name: Auto Tec Location: Shannon House, Abbey Road North, Wrexham, LL13 9RX Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	890	-	338377 350567
324	Contemporary Trade Directory Entries Name: Larch Ltd Location: Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9RG Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	850	-	339355 349215
324	Contemporary Trade Directory Entries Name: Larch Ltd Location: Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9RG Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	850	-	339355 349215
324	Contemporary Trade Directory Entries Name: James Jones & Sons Ltd Location: Oak Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RG Classification: Pallets, Crates & Packing Cases Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	850	-	339370 349235
325	Contemporary Trade Directory Entries Name: Georgia Pacific Location: Bryn La, Wrexham Indust Est, Wrexham, Clwyd, LL13 9UT Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	886	-	338965 350570
326	Contemporary Trade Directory Entries Name: B D Automotive Location: Unit 101, Coed Aben Road, Wrexham Industrial Estate, Wrexham, LL13 9UH Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	891	-	337813 349531

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
327	Contemporary Trade Directory Entries Name: Auto Rallye Prep Location: Unit 20, The Bridgeway Centre, Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9QS Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	909	-	337812 349465
328	Contemporary Trade Directory Entries Name: Link Engineering & Welding Ltd Location: Abbey Road North, Wrexham Industrial Estate, Wrexham, LL13 9RX Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	912	-	338418 350604
328	Contemporary Trade Directory Entries Name: Link Power Transmissions Ltd Location: Abbey Road North, Wrexham Industrial Estate, Wrexham, LL13 9RX Classification: Power Transmission Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	912	-	338418 350604
329	Contemporary Trade Directory Entries Name: I M C Location: Abbey Road, Wrexham Industrial Estate, Wrexham, LL13 9RF Classification: Catering Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	913	-	338177 350492
329	Contemporary Trade Directory Entries Name: H O Y A Location: Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UA Classification: Optical Goods - Manufacturers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A17NE (NW)	949	-	338170 350530
329	Contemporary Trade Directory Entries Name: Hoya Lens Uk Ltd Location: Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UA Classification: Optical Goods - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	949	-	338170 350530
330	Contemporary Trade Directory Entries Name: Bryn Roberts Workshops Ltd Location: BRYN ROBERTS LTD, ABBEY ROAD NORTH, WREXHAM INDUSTRIAL ESTATE, WREXHAM, LL13 9RX Classification: Joinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	940	-	338306 350593
331	Contemporary Trade Directory Entries Name: B D Performance Location: Unit 102, Coed Aben Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UH Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	948	-	337761 349504
332	Contemporary Trade Directory Entries Name: Nijmidon Location: Coed Aben Rd, Wrexham Ind Est, Wrexham, Clwyd, LL13 9UH Classification: Wallpapers & Wall Coverings Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	963	-	337724 349619
333	Contemporary Trade Directory Entries Name: Associated Toolmakers Ltd Location: Unit 16, The Bridgeway Centre, Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9QS Classification: Tool Design, Manufacturers & Makers Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (W)	979	-	337766 349382
333	Contemporary Trade Directory Entries Name: Hannah Services Location: Unit 1, The Bridgeway Centre, Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9QS Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	985	-	337777 349340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
333	Contemporary Trade Directory Entries Name: Technical Engineering Polymers Ltd Location: Unit 15, The Bridgeway Centre, Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9QS Classification: Rubber & Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (W)	988	-	337761 349372
333	Contemporary Trade Directory Entries Name: Maly Ltd Location: The Bridgeway Centre, Bridge Rd, Wrexham Ind Est, Wrexham, Clwyd, LL13 9QS Classification: Glass Fibre Moulding, Materials & Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	990	-	337773 349336
334	Contemporary Trade Directory Entries Name: Norwood Williams & Sons Location: Ash Rd South, Wrexham Ind Est, Wrexham, Clwyd, LL13 9UG Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	985	-	337782 350133
334	Contemporary Trade Directory Entries Name: Clwyd Transport Services Ltd Location: Clwyd House, Ash Road South, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9UG Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	992	-	337767 350117
335	Contemporary Trade Directory Entries Name: A & S Jones Location: Abbey Road North, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RX Classification: Kitchen Furniture Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (N)	987	-	338334 350654
336	Contemporary Trade Directory Entries Name: Rowan Foods Location: Ash Road South, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UG Classification: Frozen Food Processors & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	995	-	337838 350260
336	Contemporary Trade Directory Entries Name: Oscar Mayer Ltd Location: Ash Road South, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UG Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	995	-	337838 350260
336	Contemporary Trade Directory Entries Name: Hazlewood Ready Meals Location: Ash Road South, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UG Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	995	-	337838 350260
337	Contemporary Trade Directory Entries Name: Stadex Industries Ltd Location: Dutton Rd, Redwither Business Pk, Wrexham, Clwyd, LL13 9UL Classification: Gum & Resin Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NW (W)	996	-	337686 349780
338	Contemporary Trade Directory Entries Name: A M Industrial Supplies Location: Unit J2, Bryn Business Centre, Bryn Lane, Wrexham, LL13 9UT Classification: Engineering Materials Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	996	-	338663 350726
338	Contemporary Trade Directory Entries Name: Pauls Equipment Services Ltd Location: Bryn Business Centre, Bryn Lane, Wrexham Industrial Estate, Wrexham, LL13 9UT Classification: Garage Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	998	-	338616 350726

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
339	Contemporary Trade Directory Entries Name: Barlow World Handling Ltd Location: Unit 103-104, Coed Aben Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9UH Classification: Materials Handling Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	998	-	337704 349525
340	Contemporary Trade Directory Entries Name: Silverlining Workshops Location: Unit 12, The Bridgeway Centre, Bridge Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9QS Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	999	-	337731 349423
341	Fuel Station Entries Name: Certas Energy Wrexham Hgv Location: Bryn Lane , Wrexham Industrial Estate, Wrexham, Wrexham, LL13 9UT Brand: Certas Energy Premises Type: Petrol Station Status: Non-Retail Positional Accuracy: Automatically positioned to the address	A13NE (NE)	261	-	338894 349880
342	Points of Interest - Commercial Services Name: Tradebe Healthcare Location: Marlborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13SW (W)	131	8	338550 349724
343	Points of Interest - Commercial Services Name: Complete Pest Control Services Wrexham Location: Allied House, Bryn Lane, Wrexham Industrial Estate, Wrexham, LL13 9UT Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A13SE (SE)	151	8	338809 349652
344	Points of Interest - Commercial Services Name: S M Shepherd C V R Location: Unit 1 and 2, Dunster Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	247	8	338492 349572
345	Points of Interest - Commercial Services Name: Higher Oak Garage Location: Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9RG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	381	8	338833 349382
345	Points of Interest - Commercial Services Name: Higher Oak Garage Location: Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9RG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	381	8	338833 349382
345	Points of Interest - Commercial Services Name: J B Auto Clinic Location: Unit 9, Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9RG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	441	8	338895 349346
346	Points of Interest - Commercial Services Name: Entrec Location: Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12SE (SW)	449	8	338288 349513
347	Points of Interest - Commercial Services Name: Ash Waste Services Location: Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12SE (SW)	503	8	338307 349395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
347	Points of Interest - Commercial Services Name: Ash Waste Services Ltd Location: Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12SE (SW)	503	8	338307 349394
348	Points of Interest - Commercial Services Name: Nutrafeed Location: Bridge Road, Wrexham Industrial Estate, Wrexham, LL13 9PS Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12SE (W)	532	8	338185 349539
349	Points of Interest - Commercial Services Name: R & J Motors Location: Unit 8, Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9RG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	551	8	338977 349267
349	Points of Interest - Commercial Services Name: R & J Motors Location: Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9RG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	551	8	338977 349267
350	Points of Interest - Commercial Services Name: McCarthy Haulage Ltd Location: Building 4, First Avenue, Redwither Business Park, Wrexham, LL13 9XP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (NW)	563	8	338404 350221
350	Points of Interest - Commercial Services Name: Ningbo Distributors Location: Building 4, First Avenue, Redwither Business Park, Wrexham Industrial Estate, Wrexham, LL13 9XP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (NW)	566	8	338399 350221
351	Points of Interest - Commercial Services Name: Demon Tweaks Modifying Location: Ash Road South, Wrexham Industrial Estate, Wrexham, LL13 9UG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (NW)	599	8	338179 350057
352	Points of Interest - Commercial Services Name: North Western Insulations Ltd Location: Unit 1, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12SE (SW)	619	8	338155 349404
352	Points of Interest - Commercial Services Name: Johnny's Garage Ltd Location: Unit 2a Redwither Works, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	645	8	338110 349430
352	Points of Interest - Commercial Services Name: D & G Automotive Ltd Location: Unit 1 Redwither Works, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	645	8	338110 349430
353	Points of Interest - Commercial Services Name: Bowling Bank Garage Location: Unit 3 Bowling Bank Garage, Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9RG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	654	8	339077 349212

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
353	Points of Interest - Commercial Services Name: Bowling Bank Garage Location: Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9RG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	657	8	339082 349211
354	Points of Interest - Commercial Services Name: Advanced Vehicle Servicing Location: Unit 4 5 and 6, Ash Road South, Wrexham Industrial Estate, Wrexham, LL13 9UG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	674	8	338151 350147
354	Points of Interest - Commercial Services Name: Proserve Industrial Ltd Location: Unit 2, Ash Road South, Wrexham Industrial Estate, Wrexham, LL13 9UG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SE (NW)	752	8	338101 350209
355	Points of Interest - Commercial Services Name: Premier Decorations Ltd Location: Building 2, Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9PQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9NW (SE)	728	8	339325 349393
356	Points of Interest - Commercial Services Name: Wizards of Detailing Location: Liam House, Abbey Road North, Wrexham, LL13 9RX Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NW (N)	886	8	338371 350561
356	Points of Interest - Commercial Services Name: Auto Tec Location: Shannon House, Abbey Road North, Wrexham Industrial Estate, Wrexham, LL13 9RX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	890	8	338377 350567
356	Points of Interest - Commercial Services Name: C L B Valeting & Detailing Ltd Location: Lewis House, Abbey Road North, Wrexham Industrial Estate, Wrexham, LL13 9RX Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NW (N)	924	8	338403 350612
357	Points of Interest - Commercial Services Name: B D Automotive Location: Unit 101, Coed Aben Road, Wrexham Industrial Estate, Wrexham, LL13 9UH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	888	8	337815 349536
358	Points of Interest - Commercial Services Name: Clwyd Transport Services Ltd Location: Unit 7 at Clwyd House Blackwood Business Park, Ash Road South, Wrexham Industrial Estate, Wrexham, LL13 9UG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SW (NW)	997	8	337763 350119
359	Points of Interest - Manufacturing and Production Name: Tanks Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	202	8	338865 349811
360	Points of Interest - Manufacturing and Production Name: Power Station Location: LL13 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	221	8	338678 349510

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
361	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	249	8	338483 349882
362	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	285	8	338403 349669
363	Points of Interest - Manufacturing and Production Name: Solar Panels Location: LL13 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	344	8	338790 350057
364	Points of Interest - Manufacturing and Production Name: Works Location: LL13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	362	8	338453 349450
364	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	416	8	338411 349415
365	Points of Interest - Manufacturing and Production Name: Redwither Tower Location: Redwither Business Park, Wrexham, LL13 9XT Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A18SW (NW)	472	8	338442 350138
366	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SE (N)	574	8	338749 350300
366	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SE (N)	588	8	338743 350315
366	Points of Interest - Manufacturing and Production Name: Tanks Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	590	8	338766 350314
366	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SE (N)	598	8	338743 350325
366	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SE (N)	598	8	338754 350324
367	Points of Interest - Manufacturing and Production Name: J B Stone Location: Masons Yard, Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9RG Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A8NE (SE)	583	8	339009 349250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
368	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	593	8	339236 349938
368	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	614	8	339225 350014
369	Points of Interest - Manufacturing and Production Name: Redwither Business Centre Location: Redwither Business Park, Wrexham, LL13 9XR Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A18SW (N)	657	8	338441 350342
370	Points of Interest - Manufacturing and Production Name: Tanks Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	673	8	338666 350403
370	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	682	8	338649 350412
370	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	691	8	338646 350421
370	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	700	8	338641 350429
371	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	697	8	337992 349627
372	Points of Interest - Manufacturing and Production Name: Spectrum Industrial Estate Location: LL13 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	812	8	338056 349213
373	Points of Interest - Manufacturing and Production Name: Ystad Ddiwdiannol Wrecsam (Wrexham Industrial Estate) Location: LL13 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	848	8	339277 350333
374	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	850	8	339414 350160
374	Points of Interest - Manufacturing and Production Name: Tanks Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	865	8	339436 350150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
374	Points of Interest - Manufacturing and Production Name: Tanks Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	891	8	339470 350143
374	Points of Interest - Manufacturing and Production Name: Tanks Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	938	8	339523 350143
375	Points of Interest - Manufacturing and Production Name: Tanks Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	895	8	339518 350044
376	Points of Interest - Manufacturing and Production Name: Tank Location: LL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	901	8	337781 349780
377	Points of Interest - Manufacturing and Production Name: Wrexham Industrial Estate Location: LL13 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	996	8	339661 349560
378	Points of Interest - Public Infrastructure Name: Tradebe Location: Marlborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A13SW (W)	131	8	338550 349724
379	Points of Interest - Public Infrastructure Name: Recovered Plastics Location: Abbey Road, Wrexham Industrial Estate, Wrexham, LL13 9RF Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A13NW (NW)	163	8	338576 349856
380	Points of Interest - Public Infrastructure Name: Water Clean Ltd Location: Unit 4, Marlborough Road, Wrexham, LL13 9RJ Category: Water Class Code: Rivers and Canal Organisations and Infrastructure Positional Accuracy: Positioned to address or location	A13SW (SW)	208	8	338496 349635
381	Points of Interest - Public Infrastructure Name: Recycling Centre Location: LL13 Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	298	8	338668 350028
382	Points of Interest - Public Infrastructure Name: Amenity Tip Location: LL13 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	404	8	338805 350115
383	Points of Interest - Public Infrastructure Name: Entrec Ltd Location: Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12SE (SW)	449	8	338289 349513
383	Points of Interest - Public Infrastructure Name: Entrec Location: Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12SE (SW)	449	8	338289 349513

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
383	Points of Interest - Public Infrastructure Name: Waste Processing Location: LL13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	506	8	338285 349416
384	Points of Interest - Public Infrastructure Name: Ash Waste Services Location: Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12SE (SW)	503	8	338307 349395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
385	Ancient Woodland Name: Not Supplied Reference: 30640 Area(m ²): 22755.65 Type: Restored Ancient Woodland Site	A12NW (W)	939	2	337769 349955
386	Ancient Woodland Name: Not Supplied Reference: 37166 Area(m ²): 1024.3 Type: Restored Ancient Woodland Site	A17SW (W)	956	2	337797 350095

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Natural Resources Wales Cheshire West and Chester Council - Environmental Health Department Wrexham County Borough Council - Public Protection Department	August 2008 June 2020 October 2017 October 2017	Annually Annually Annually
Discharge Consents Environment Agency - Welsh Region Natural Resources Wales	August 2014 July 2022	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region Environment Agency - Welsh Region	March 2013 March 2013	
Integrated Pollution Controls Environment Agency - North West Region Environment Agency - Welsh Region	January 2009 January 2009	
Integrated Pollution Prevention And Control Environment Agency - Welsh Region Environment Agency - North West Region Natural Resources Wales	January 2021 July 2022 July 2022	Quarterly Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Wrexham County Borough Council - Environmental Health Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	April 2014 December 2008 July 2015	Variable Not Applicable Variable
Local Authority Pollution Prevention and Controls Wrexham County Borough Council - Environmental Health Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	April 2014 December 2008 July 2015	Annual Rolling Update Not Applicable Annually
Local Authority Pollution Prevention and Control Enforcements Wrexham County Borough Council - Environmental Health Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	April 2014 December 2008 July 2015	Variable Not Applicable Variable
Nearest Surface Water Feature Ordnance Survey	June 2022	
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	
Prosecutions Relating to Authorised Processes Environment Agency - North West Region Environment Agency - Welsh Region Natural Resources Wales	July 2015 July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - North West Region Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013 March 2013	
Registered Radioactive Substances Natural Resources Wales Environment Agency - North West Region Environment Agency - Welsh Region	January 2015 June 2016 June 2016	As notified As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register Natural Resources Wales Environment Agency Wales - North Area Environment Agency - North West Region - South Area	August 2022 January 2021 July 2022	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Welsh Region Natural Resources Wales	July 2022 July 2022	Quarterly Quarterly
Water Industry Act Referrals Natural Resources Wales Environment Agency - North West Region Environment Agency - Welsh Region	July 2022 October 2017 October 2017	Quarterly
Groundwater Vulnerability Map Natural Resources Wales	June 2018	As notified
Bedrock Aquifer Designations Natural Resources Wales	January 2018	Annually
Superficial Aquifer Designations Natural Resources Wales	January 2018	Annually
Source Protection Zones Natural Resources Wales Environment Agency - Head Office	July 2022 July 2022	Annual Rolling Update Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	
Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	
Areas Benefiting from Flood Defences Natural Resources Wales	November 2019	Quarterly
Flood Water Storage Areas Natural Resources Wales	August 2019	Quarterly
Flood Defences Natural Resources Wales	November 2019	Quarterly
OS Water Network Lines Ordnance Survey	July 2022	Quarterly
Surface Water 1 in 30 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water Suitability Natural Resources Wales	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Natural Resources Wales	July 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region Environment Agency - Welsh Region	January 2009 January 2009	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - South Area Environment Agency Wales - North Area Natural Resources Wales	April 2022 October 2021 October 2021	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area Environment Agency Wales - North Area Natural Resources Wales	April 2022 July 2021 July 2022	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Wrexham County Borough Council	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Wrexham County Borough Council	October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North West Region - South Area Environment Agency Wales - North Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area Environment Agency Wales - North Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area Environment Agency Wales - North Area	June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Cheshire West and Chester Council - Planning Department Wrexham County Borough Council - Planning Department Cheshire County Council (now part of Cheshire East Council) - Planning Department Chester City Council (now part of Cheshire West and Chester Council)	April 2016 February 2016 July 2008 October 2008	Variable Variable Annual Rolling Update Not Applicable
Planning Hazardous Substance Consents Cheshire West and Chester Council - Planning Department Wrexham County Borough Council - Planning Department Cheshire County Council (now part of Cheshire East Council) - Planning Department Chester City Council (now part of Cheshire West and Chester Council)	April 2016 February 2016 July 2008 October 2008	Variable Variable Annual Rolling Update Not Applicable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	September 2022	Quarterly
Points of Interest - Education and Health PointX	September 2022	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2022	Quarterly
Points of Interest - Public Infrastructure PointX	September 2022	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2022	Quarterly
Underground Electrical Cables National Grid	May 2021	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural Resources Wales	September 2018	Bi-Annually
Areas of Adopted Green Belt Cheshire West and Chester Council - Planning Department Chester City Council (now part of Cheshire West and Chester Council) Wrexham County Borough Council	July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Cheshire West and Chester Council - Planning Department Chester City Council (now part of Cheshire West and Chester Council) Wrexham County Borough Council	July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England Natural Resources Wales	August 2022 August 2022	Bi-Annually Bi-Annually
Environmentally Sensitive Areas Natural England The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017 January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Wrexham County Borough Council Natural England	August 2018 February 2021	Bi-Annually Bi-Annually
Marine Nature Reserves Natural Resources Wales	August 2018	Bi-Annually
National Nature Reserves Natural Resources Wales	February 2022	Bi-Annually
National Parks Natural Resources Wales Natural England	February 2018 February 2018	Annually Bi-Annually
Nitrate Vulnerable Zones The National Assembly for Wales - GI Services (Department of Planning & Countryside) Natural Resources Wales	April 2016 July 2019	Bi-Annually
Ramsar Sites Natural Resources Wales	July 2019	Bi-Annually
Sites of Special Scientific Interest Natural Resources Wales	March 2020	Bi-Annually
Special Areas of Conservation Natural Resources Wales	August 2020	Bi-Annually
Special Protection Areas Natural Resources Wales	August 2018	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	Wrexham County Borough Council - Environmental Health Department Crown Buildings, P O Box 1297, Wrexham, Clwyd, LL13 8ZE	Telephone: 01978 297038 Fax: 01978 292502 Website: www.wrexham.gov.uk
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Wrexham County Borough Council Lampet Street, Guildhall, Wrexham, Clwyd, LL11 1WL	Telephone: 01978 292000 Fax: 01978 292502 Website: www.wrexham.gov.uk
7	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Envirocheck

LANDMARK INFORMATION GROUP

Historical Land Use Information (1:10,000)

General

Landmark Information Group
Landmark Information Group
Landmark Information Group
Landmark Information Group

Potentially Contaminative Industrial Uses (Post Land Use - Mining)

Use	Symbol	Line	Point
Asphalt	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point

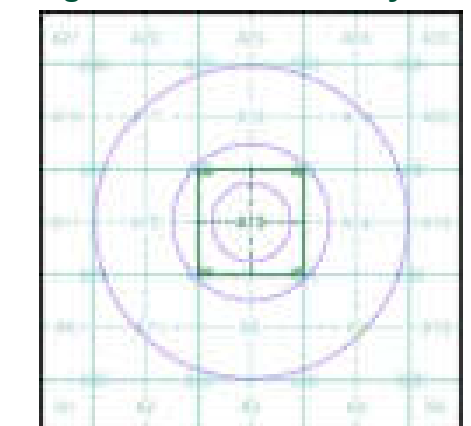
Historical Land Use

Use	Symbol	Line	Point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point
Asphalt road	Blue circle	Blue line	Blue point

Mining Data

Landmark Information Group
Landmark Information Group
Landmark Information Group
Landmark Information Group

Mining and Ground Stability - Slice A



Order Details

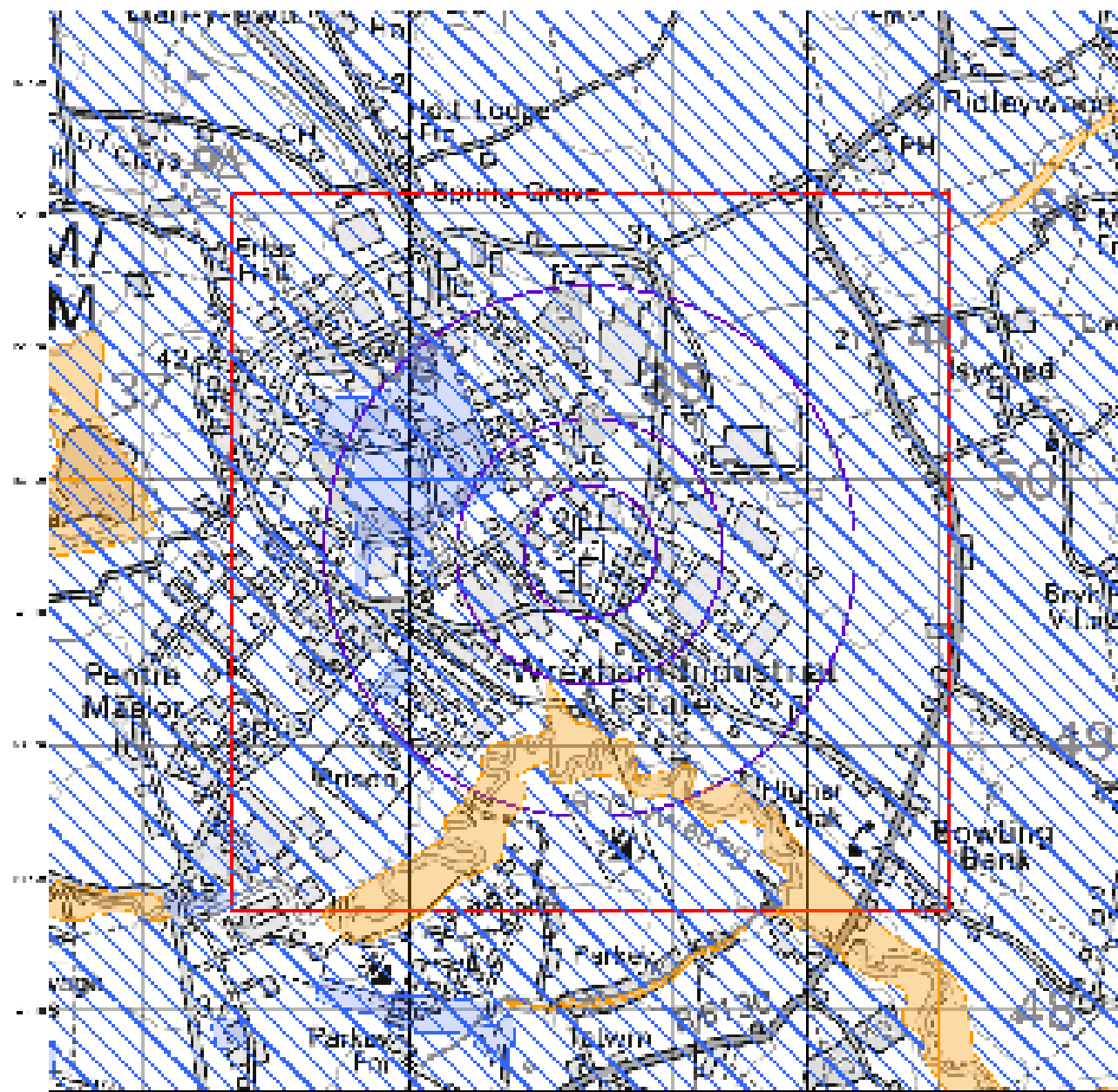
Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South,
WREXHAM, LL13 9RF

Landmark
LANDMARK INFORMATION GROUP

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



Envirocheck[®]

LANDMARK INFORMATION GROUP[®]

Ground Stability Data (1:50,000)

General

■ ■ ■ ■ ■ ■ ■ ■

Indicated the
 location of the Ground Stability Data.

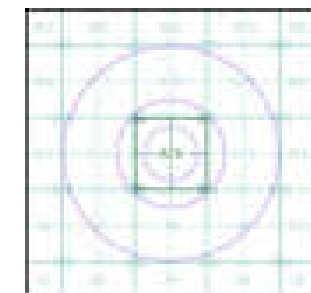
■ ■ ■ ■

Potential for
 Collapsible Ground Conditions

■ ■ ■ ■

Other Planning and Soil Mining
 Data (e.g. 1:50,000)

Mining and Ground Stability - Slice A



Order Details

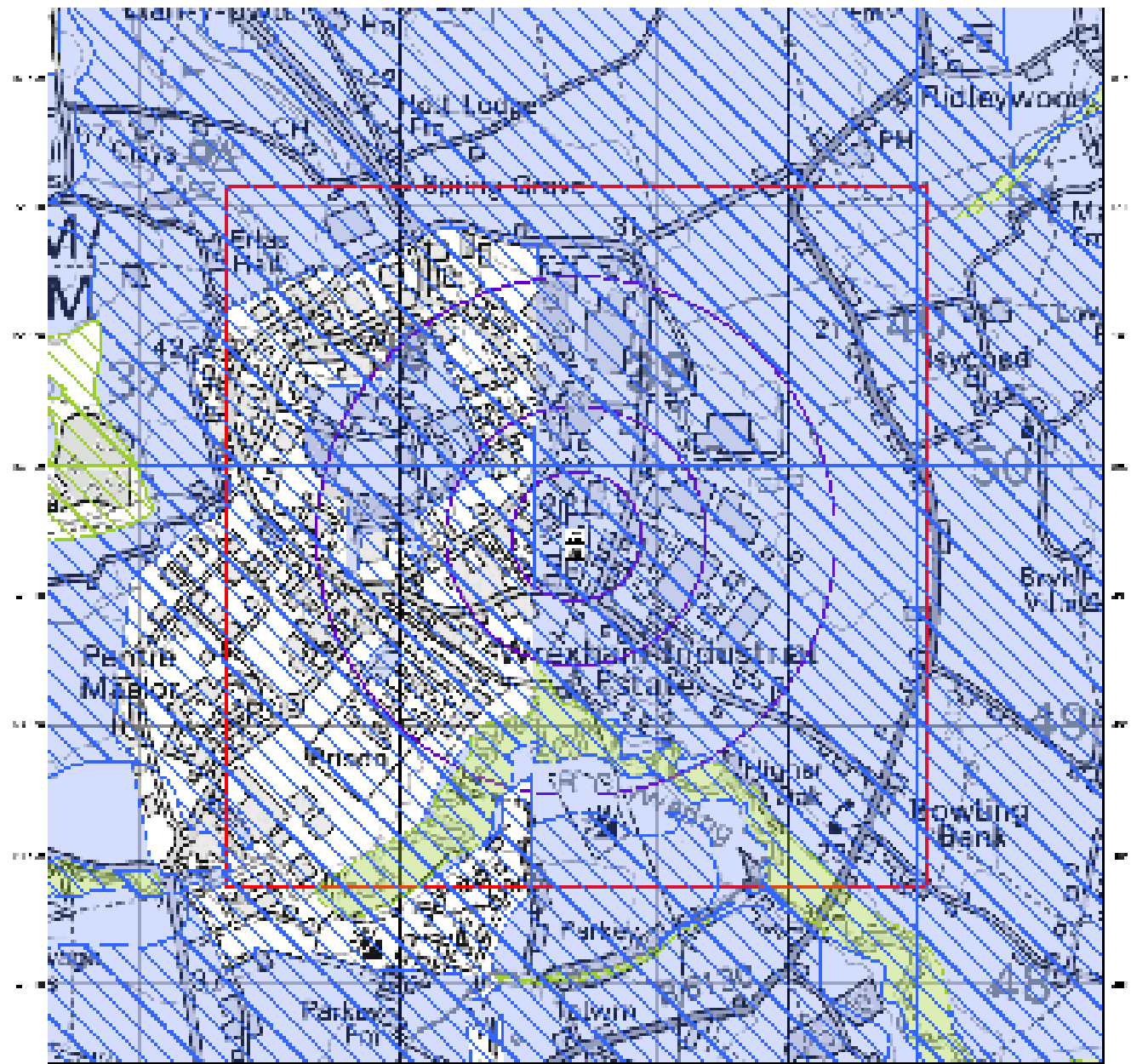
Order Number: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM,
 LL13 9RF

Landmark
 LANDMARK INFORMATION GROUP

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



Envirocheck[®]

LANDMARK INFORMATION GROUP[®]

Ground Stability Data (1:50,000)

General

— **BOUNDARY**
— **BOUNDARY**
— **BOUNDARY**

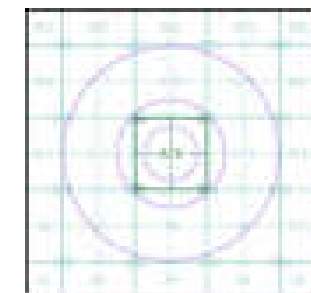
Parameters for Running Ground Stability Horizons

■ **H1**
■ **H2**
■ **H3**
■ **H4**

Parameters for Running Ground Stability Horizons

— **H1**
— **H2**
— **H3**
— **H4**

Mining and Ground Stability - Slice A



Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Landmark
Information Group

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

Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

300831256_1_1

Customer Reference:

R3117

National Grid Reference:

338680, 349730

Slice:

A

Site Area (Ha):

0.01

Search Buffer (m):

1000

Site Details:

Sensational Deal Ltd, Bay 1 At

Unit 108

Abbey Road South

WREXHAM

LL13 9RF

Client Details:

Mr D Wayland

Smith Grant Partnership

Bryn Estyn Business Centre (Suite 16)

Bryn Estyn Road

Wrexham

LL13 9TY

Report Section and Details	Page Number
Summary	-
The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected. For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).	
Mining and Natural Cavities Data	1
The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities. Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.	
Historical Land Use Information (1:2,500)	2
The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative. For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.	
Historical Land Use Information (1:10,000)	3
The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses. For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.	
Ground Stability Data (1:50,000)	6
The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.	
Historical Map List	7
The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.	
Data Currency	8
Data Suppliers	9
Useful Contacts	10

Copyright Notice

© Landmark Information Group Limited 2022. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, and the Environment Agency/Natural Resources Wales, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer. A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

© Copyright Stantec UK Limited. All rights reserved.

The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites					
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability			n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential Mining Areas	pg 1				1
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 2		2	n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying					
Heap, unknown constituents					
Mineral Railway					
Mining & quarrying general					
Mining of coal & lignite					
Quarrying of sand & clay, operation of sand & gravel pits					
Former Marshes	pg 3				2
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 3		1	15	45
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 6	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 6	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 6	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 6	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 6	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 6	Yes		n/a	n/a
Salt Mining Related Features					

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
1	Potential Mining Areas Name: Cambrian Ceased Operation: 1947 Commodity: Slate Reference: 14246 Alternate: Aberlas Name/Mine: Custodian: Not Supplied	A18SE (N)	501	2	338689 350231

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Deposited Material First Map Published 1961 Date: Last Map Published N/A Date:	A13SW (S)	5	-	338680 349727
3	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Deposited Material First Map Published 1961 Date: Last Map Published N/A Date:	A13NE (NE)	81	-	338743 349782

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Former Marshes Use: Former Marsh Date of Mapping: 1964	A9NW (SE)	555	-	339069 349336
5	Former Marshes Use: Former Marsh Date of Mapping: 1964	A9NE (SE)	791	-	339364 349334
6	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NW (W)	161	-	338520 349746
7	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (E)	286	-	338957 349663
8	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A13SE (E)	302	-	338982 349712
9	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NW (NW)	306	-	338434 349911
10	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NW (NW)	330	-	338410 349919
11	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SW (SW)	337	-	338479 349461
12	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (S)	349	-	338786 349399
13	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NW (NW)	399	-	338455 350059
14	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A13NE (NE)	410	-	338941 350047
15	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12SE (W)	428	-	338253 349720
16	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (E)	434	-	339088 349880
17	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14NW (NE)	478	-	339045 350039
18	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14NW (NE)	481	-	339032 350058
19	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18SE (N)	484	-	338722 350213
20	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NE (S)	484	-	338702 349248
21	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (NE)	500	-	339129 349950
22	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NE (W)	522	-	338198 349929
23	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18SW (N)	524	-	338625 350251
24	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (E)	528	-	339171 349924

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SE (NW)	537	-	338326 350134
26	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14SW (E)	556	-	339215 349581
27	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18SE (N)	594	-	338838 350303
28	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9NW (SE)	652	-	339181 349314
29	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NW (SW)	668	-	338394 349128
30	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A18SW (N)	676	-	338609 350403
31	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (E)	677	-	339353 349809
32	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A18NW (N)	687	-	338572 350409
33	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NW (SW)	699	-	338385 349098
34	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SE (NW)	708	-	338223 350271
35	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9NW (SE)	718	-	339239 349281
36	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A12NW (W)	727	-	337954 349741
37	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SE (NW)	731	-	338189 350272
38	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9NW (SE)	734	-	339238 349255
39	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SE (NW)	738	-	338302 350365
40	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SE (NW)	746	-	338123 350225
41	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14SE (E)	750	-	339391 349493
42	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A12NW (W)	761	-	337926 349829
43	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9NW (SE)	773	-	339288 349255
44	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NW (W)	776	-	337944 349975
45	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9NW (SE)	804	-	339194 349113

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A7NW (SW)	805	-	337988 349321
47	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NE (N)	815	-	338878 350521
48	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A12SW (W)	834	-	337847 349729
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NE (N)	840	-	338809 350561
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9SW (SE)	840	-	339166 349045
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A14SE (E)	890	-	339558 349584
52	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9NW (SE)	894	-	339320 349107
53	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9NW (SE)	900	-	339301 349079
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17NE (NW)	906	-	338153 350468
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12SW (W)	928	-	337797 349448
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17NE (NW)	934	-	338110 350470
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NE (N)	936	-	338877 350646
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NW (N)	941	-	338618 350669
59	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NW (W)	942	-	337757 349914
60	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12SW (W)	945	-	337749 349577
61	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NE (N)	966	-	338861 350679
62	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A9SE (SE)	970	-	339359 349038
63	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SW (W)	980	-	337773 350099
64	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NW (W)	982	-	337709 349874
65	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A7SW (SW)	982	-	337976 349047
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14SE (E)	989	-	339658 349587

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
67	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	338680 349731
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	338680 349731
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	338680 349731
68	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	338680 349731
69	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	338680 349731
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	159	3	338522 349733
70	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	338680 349731

The following mapping has been analysed for Historical Land Use Information (1:2,500):

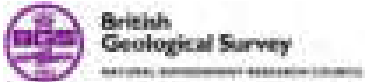
1:2,500	Mapsheet	Published Date
Denbighshire	029_10	1873
Denbighshire	029_10	1899
Denbighshire	029_10	1911
Ordnance Survey Plan	SJ3849	1961
Ordnance Survey Plan	SJ3850	1961
Ordnance Survey Plan	SJ3949	1961
Ordnance Survey Plan	SJ3950	1961

The following mapping has been analysed for Historical Land Use Information (1:10,000):

1:10,560	Mapsheet	Published Date
Denbighshire	029_00	1881
Cheshire	059_00	1881
Denbighshire	029_SW	1899
Cheshire	059_NE	1899
Flintshire	020_SE	1900
Denbighshire	029_NE	1900
Denbighshire	029_NW	1900
Denbighshire	029_SE	1900
Cheshire	059_NE	1913
Flintshire	020_NW	1914
Flintshire	020_SE	1914
Denbighshire	029_NE	1914
Denbighshire	029_NW	1914
Denbighshire	029_SE	1914
Denbighshire	029_SW	1914
Denbighshire	029_SW	1938
Denbighshire	029_NW	1954
Ordnance Survey Plan	SJ44NW	1954
Ordnance Survey Plan	SJ45SW	1954
Ordnance Survey Plan	SJ34NE	1964
Ordnance Survey Plan	SJ35SE	1964
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	SJ44NW	1979
Ordnance Survey Plan	SJ34NE	1992
Ordnance Survey Plan	SJ35SE	1992
Ordnance Survey Plan	SJ45SW	1993

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2021	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2021	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	June 2022	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	Annual Rolling Update

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	

Contact	Name and Address	Contact Details
1	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
2	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9960 Fax: 0844 844 9951 Email: customerservice@promap.co.uk Website: www.landmarkinfo.co.uk
3	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LSGR	Landscaped Ground (Undivided)	Artificially Modified Ground	Not Supplied - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GLLDD	Glaciolacustrine Deposits, Devensian	Clay and Silt	Not Supplied - Devensian
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary
	RTD2	River Terrace Deposits, 2	Sand and Gravel	Not Supplied - Quaternary
	RTD3	River Terrace Deposits, 3	Sand and Gravel	Not Supplied - Quaternary
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHES	Chester Formation	Sandstone, Pebbly (Gravelly)	Not Supplied - Olenekian
	KNSF	Kinnerton Sandstone Formation	Sandstone	Not Supplied - Early Triassic
	SAL	Salop Formation	Mudstone, Sandstone and Conglomerate	Not Supplied - Westphalian
		Faults		



Geology 1:50,000 Maps

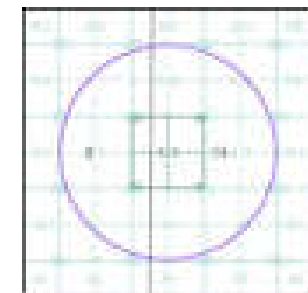
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	2	Map ID:	1
Map Sheet No:	121	Map Sheet No:	122
Map Name:	Wrexham	Map Name:	Nantwich
Map Date:	1993	Map Date:	1967
Bedrock Geology:	Available	Bedrock Geology:	Available
Superficial Geology:	Available	Superficial Geology:	Available
Artificial Geology:	Available	Artificial Geology:	Not Available
Faults:	Not Supplied	Faults:	Not Supplied
Landslip:	Available	Landslip:	Available
Rock Segments:	Not Supplied	Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

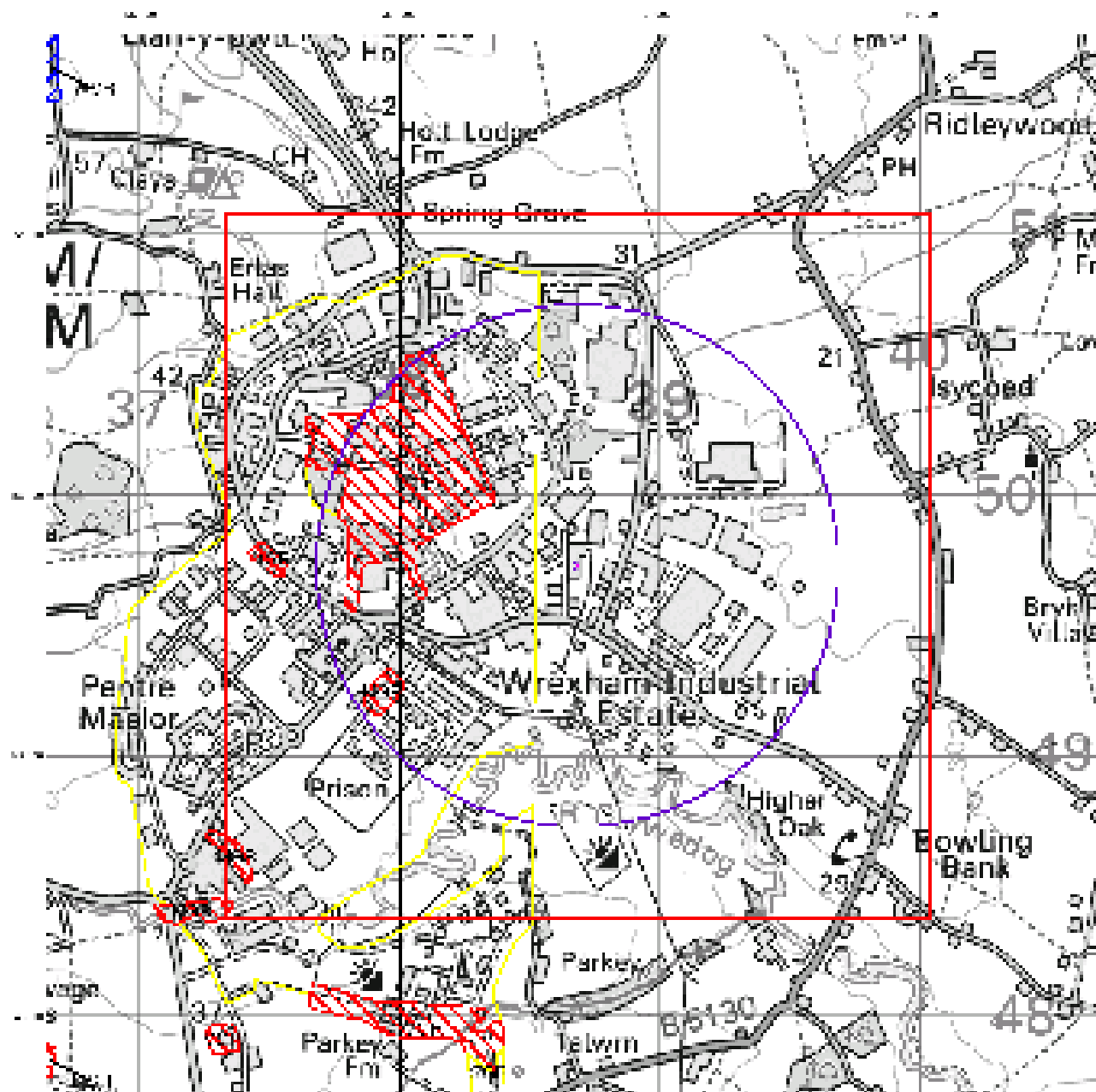
Order Number:	300831256_1_1
Customer Reference:	R3117
National Grid Reference:	338680, 349730
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details:

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



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



© Crown Copyright. All Rights Reserved. Licence Number 100029282

Envirocheck[®]

LANDMARK INFORMATION GROUP[®]

Artificial Ground and Landslip

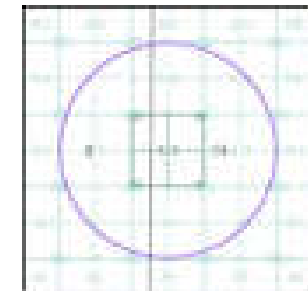
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

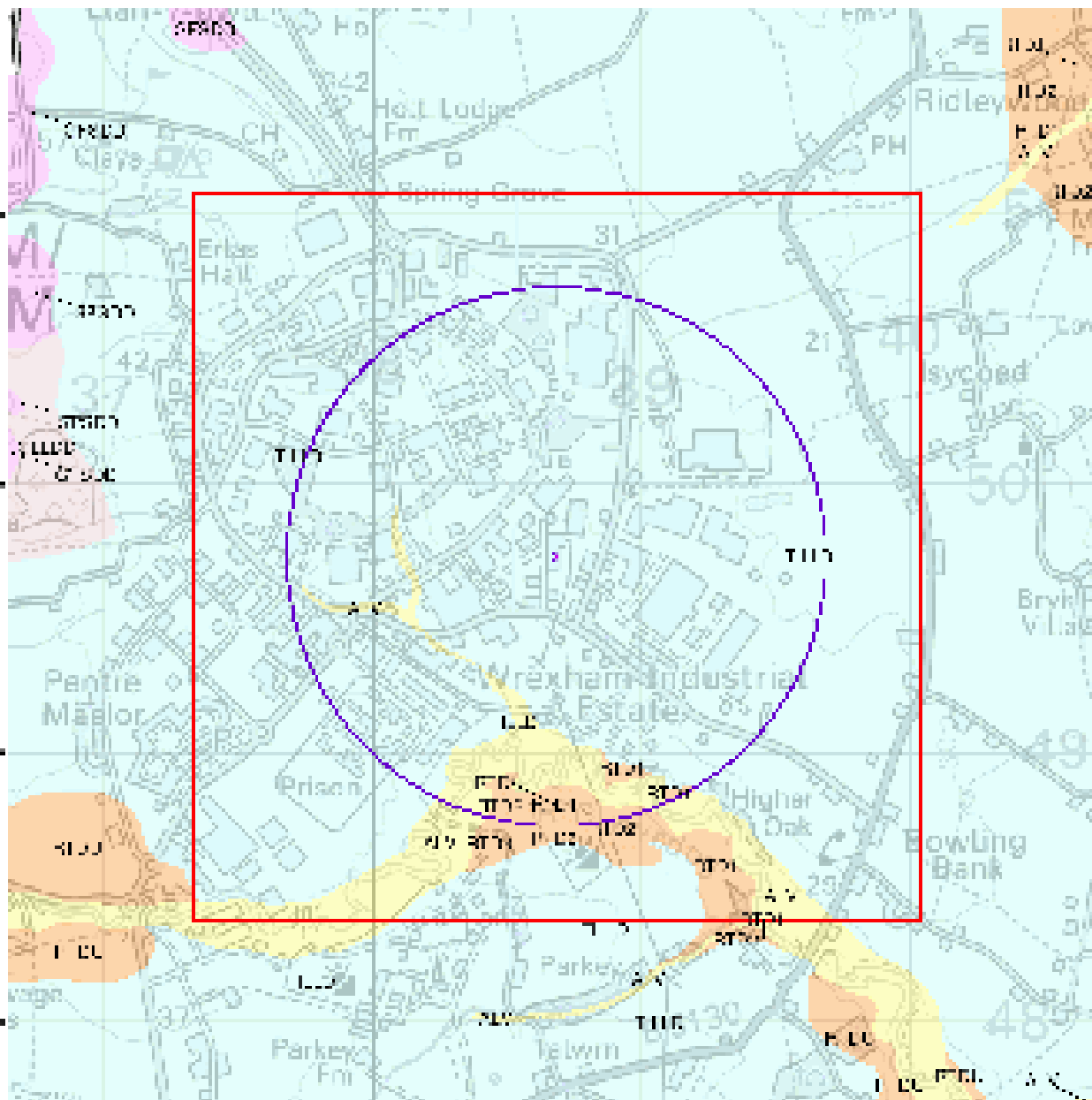
Order Number: 300831256_1_1
Customer Reference: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details:

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Landmark
LANDMARK INFORMATION GROUP[®]

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



© Crown Copyright. All Rights Reserved. Licence Number 100025282

Envirocheck[®]

LANDMARK INFORMATION GROUP[®]

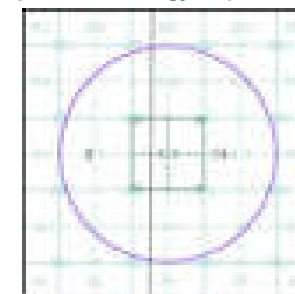
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



Order Details:

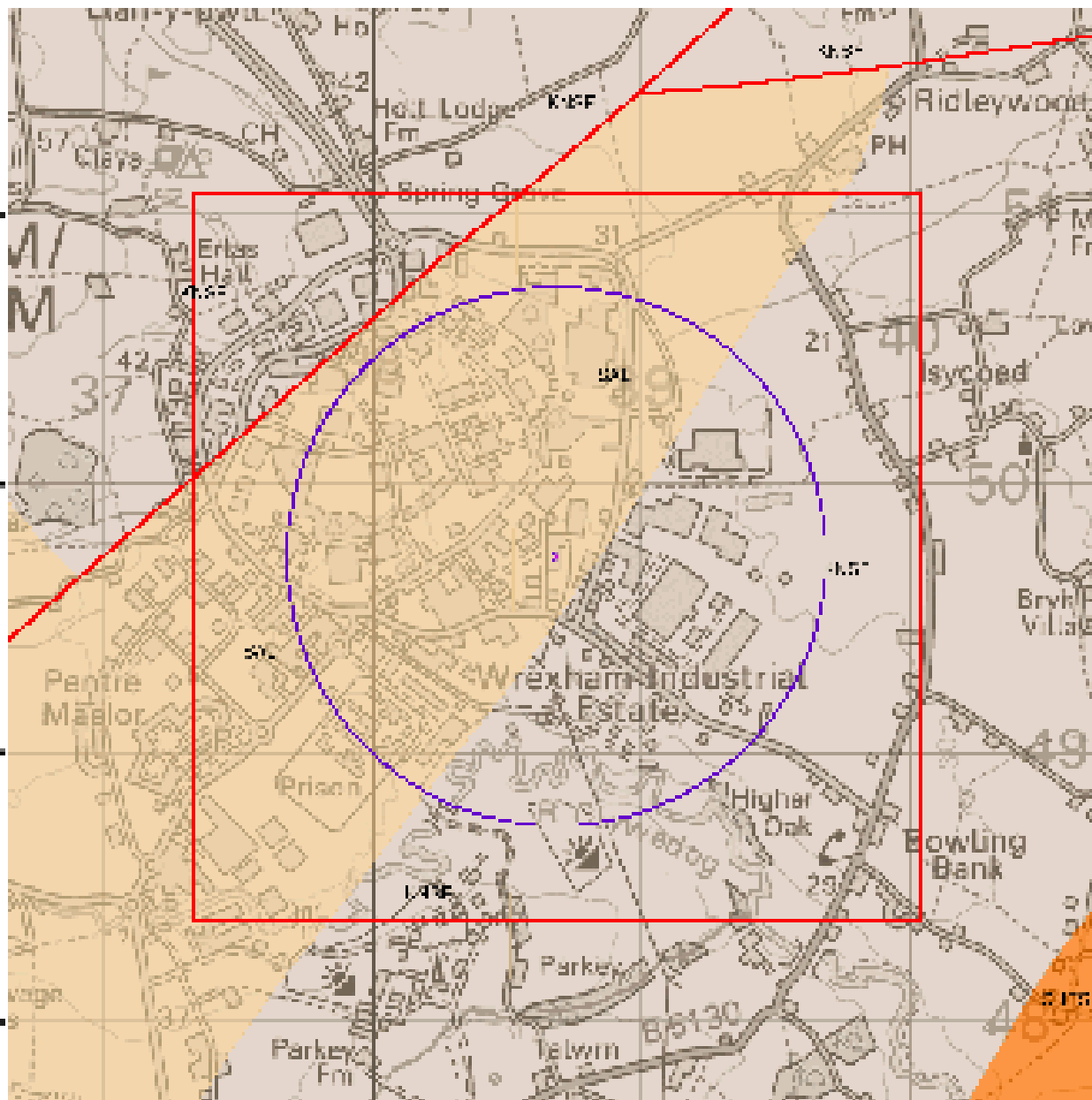
Order Number: 300831256_1_1
Customer Reference: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details:

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Landmark
LANDMARK INFORMATION GROUP

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



© Crown Copyright. All Rights Reserved. Licence Number 100025422

Envirocheck[®]

LANDMARK INFORMATION GROUP[®]

Bedrock and Faults

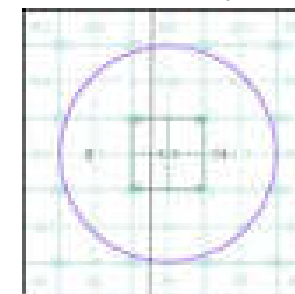
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



Order Details:

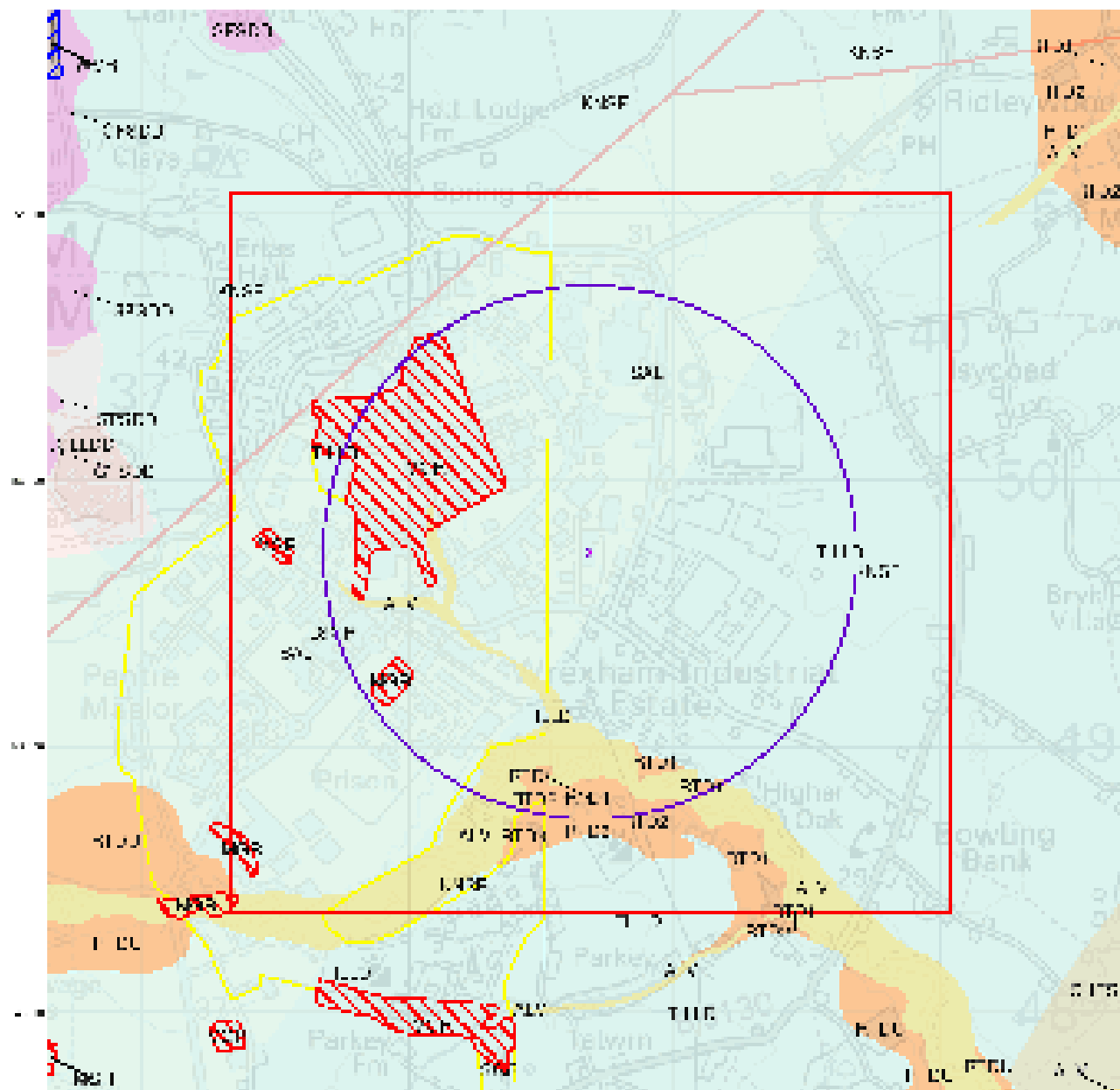
Order Number: 300831256_1_1
Customer Reference: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details:

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Landmark
LANDMARK INFORMATION GROUP[®]

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

**Envirocheck[®]**

Combined Surface Geology

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

Additional Information

Contact

Combined Geology Map - Slice A

Order Details:

Site Details:

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pt		Sand Pt		Other Pts
	Clammy		Shingle		Orchard
	Culm		Reeds		Marsh
	Mixed Wood		Deciduous		Broadwood
	F		Lrse		Rough Pasture
	Arrow denotes low ch water		Ingonometrical Station		
	Site of Antiquity		Bench Mark		
	Pump, Quilt, Tree, Signal Post		Well, Spring, Boundary Post		
	-285		Surface Level		
	Scaleless Contour		Instrumental Contour		
	Main Road		Fence		Minor Roads
	Unfenced		Fenced		
	Banked Road		Railway Road		
	Road over Railway		Railway over River		
	Tunnel over Road		Tunnel Crossing		
	Road over River or Canal		Road over Stream		
	Wood over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Borough Boundary (Scotland)				
	Local District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pt, Clay Pt or Quartz		Gravel Pt
	Sand Pt		Jagged Pt or Quartz
	Refuse or Slag Heap		Lake, Loch or Pond
	Dune		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Rough Grassland
	Hedge		Roads
	Sailings		
	Maunder		Glasshouse
	Sailing Masonry		Fyke
	Electricity Transmission Line		
	Cutting		Standard Gauge Multiple Track
	Standard Gauge Single Track		Siding, Turnout or Mineral Line
	Narrow Gauge		
	Geographical County		
	Administrative County, County Borough or County of City		
	Civil Parish, Borough, Urban or Rural District, Borough or Town Council		
	Sanitary Region, County Council, Sanitary District or Sanitary Authority		
	Civil Parish, Sanitary District or Sanitary Authority		
	Boundary Point or Stone		Rail Station
	Church		Post Office
	Club House		Public School
	Fire Engine Station		Public House
	Fuel Pit		Signal Post
	Fountain		Spring
	Gates Post		Telephone Call Box
	Mill Race		Telephone Call Post
	Mill Stone		Well

1:10,000 Raster Mapping

	Gravel Pt		Refuse tip or slag heap
	Rock		Rock scalliered
	Boulders		Judders (scalliered)
	Shingle		Mud
	Sand		Sand Pt
	Maunder		Top of cliff
	General road		Unbackgrounded rail
	Overhead rail		Narrow gauge railway
	Multiple track railway		Single track railway
	County boundary (England and Wales)		Civil parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of woodland vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Palladium tree
	Overhead rail		Scrub or Gorse
	Rough Grassland		Heath
	Gorse		Marsh, Salt Marsh or Reeds
	Water Feature		Flow lines
	Mean high water (average)		Mean low water (spring)
	Telephone line (above ground)		Electricity transmission or line (overhead)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Quilt Post or Mile Stone)		Pylon, Mast stack or lighting tower
	Site of Antiquity		Glasshouse
	General Building		Important Building

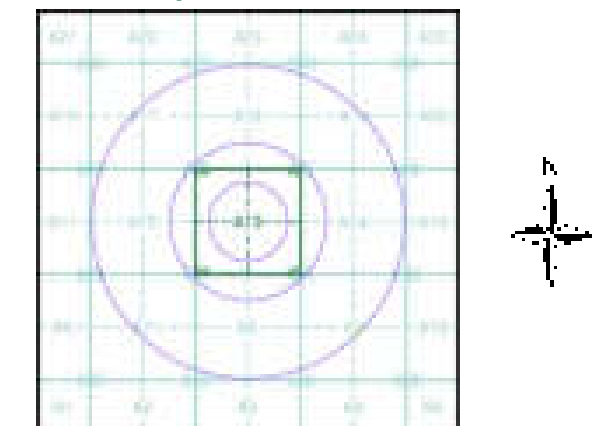
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Denbighshire	1:10,560	1879	2
Cheshire	1:10,560	1881	3
Denbighshire	1:10,560	1899 - 1900	4
Cheshire	1:10,560	1899	5
Flintshire	1:10,560	1900	6
Cheshire	1:10,560	1913	7
Denbighshire	1:10,560	1914	8
Denbighshire	1:10,560	1938 - 1954	9
Denbighshire	1:10,560	1954	10
Ordnance Survey Plan	1:10,000	1954	11
Ordnance Survey Plan	1:10,000	1964	12
Ordnance Survey Plan	1:10,000	1968	13
Ordnance Survey Plan	1:10,000	1970 - 1979	14
Ordnance Survey Plan	1:10,000	1976	15
Ordnance Survey Plan	1:10,000	1983	16
Ordnance Survey Plan	1:10,000	1992 - 1993	17
10K Raster Mapping	1:10,000	1999 - 2000	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2021	20

Historical Map - Slice A



Order Details

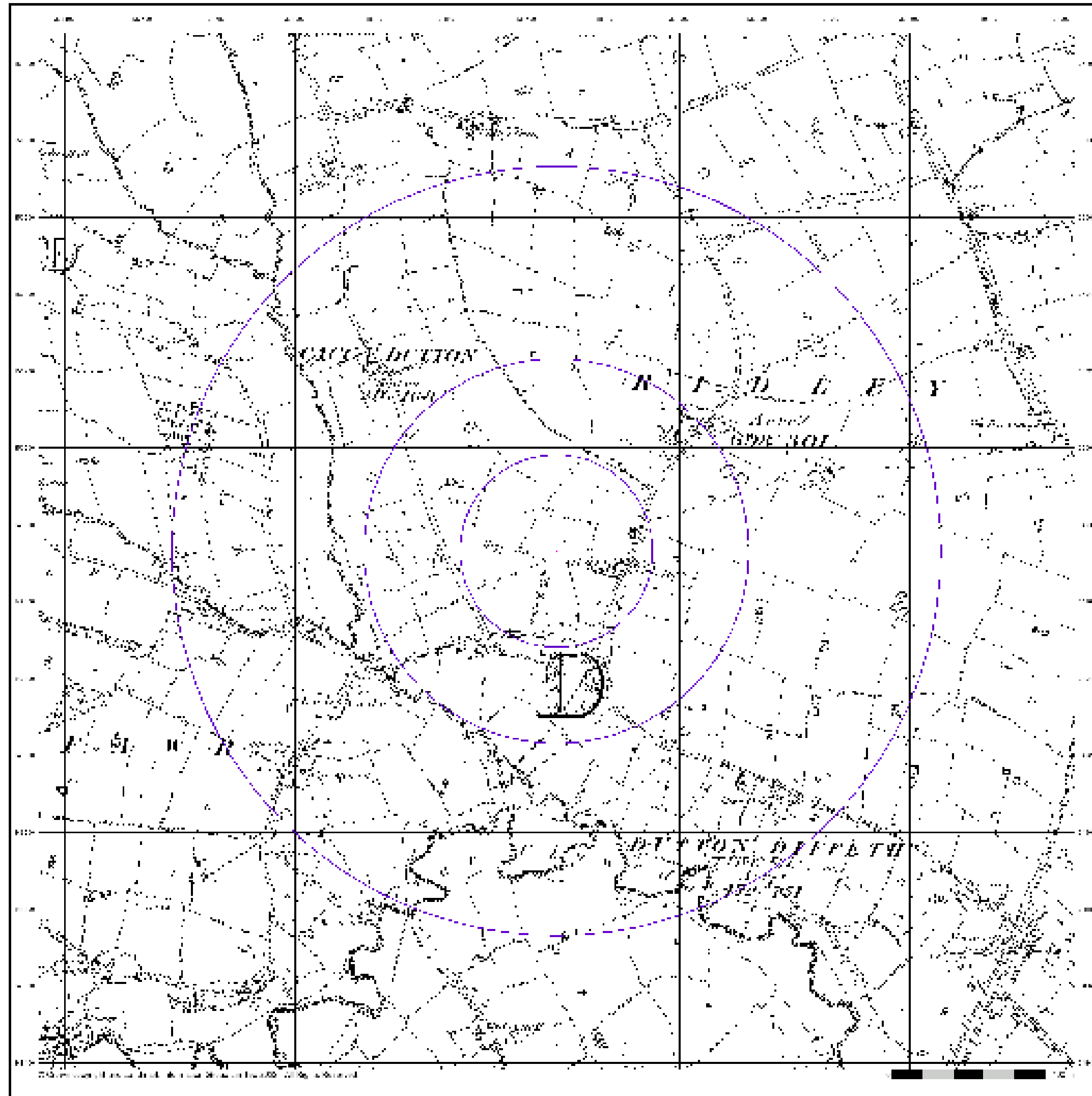
Order Number: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Landmark
 LANDMARK INFORMATION GROUP

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



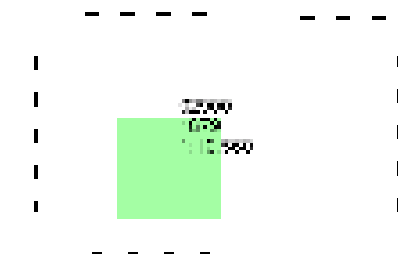
Denbighshire

Published 1879

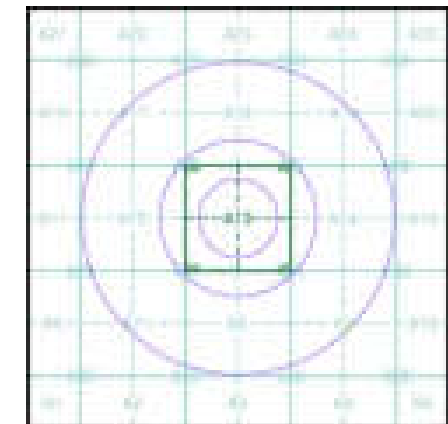
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

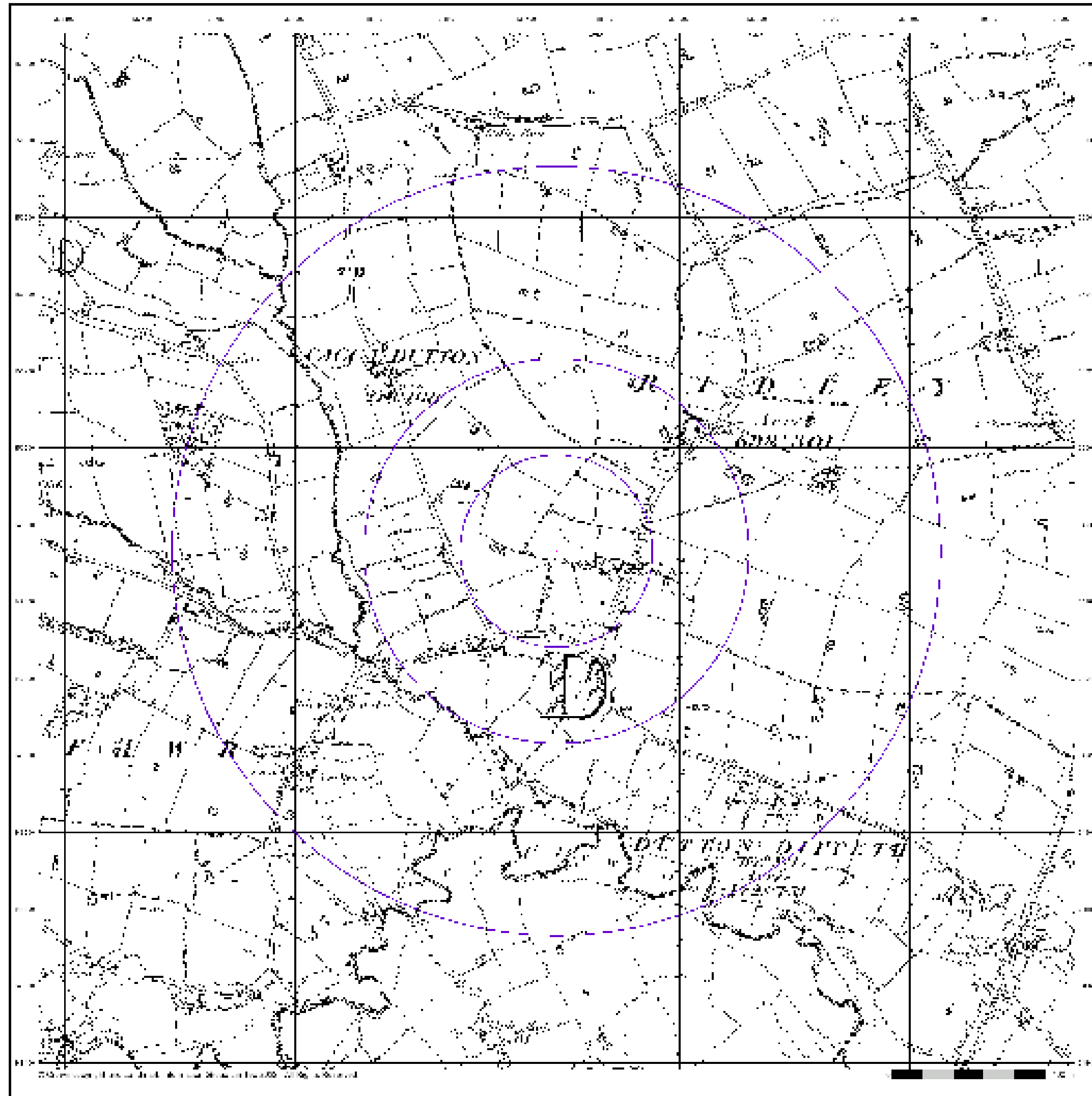


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



© Crown Copyright and Landmark Information Group. All rights reserved. Scale 1:10,560.

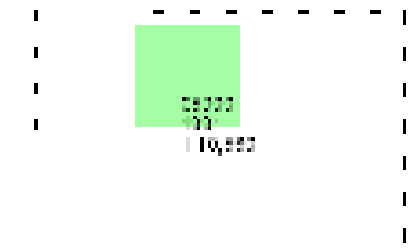
Cheshire

Published 1881

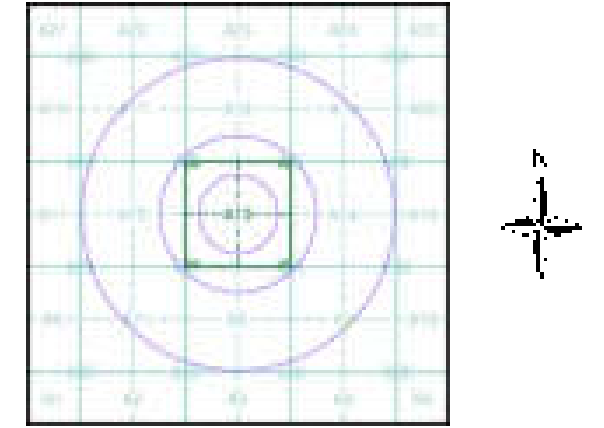
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

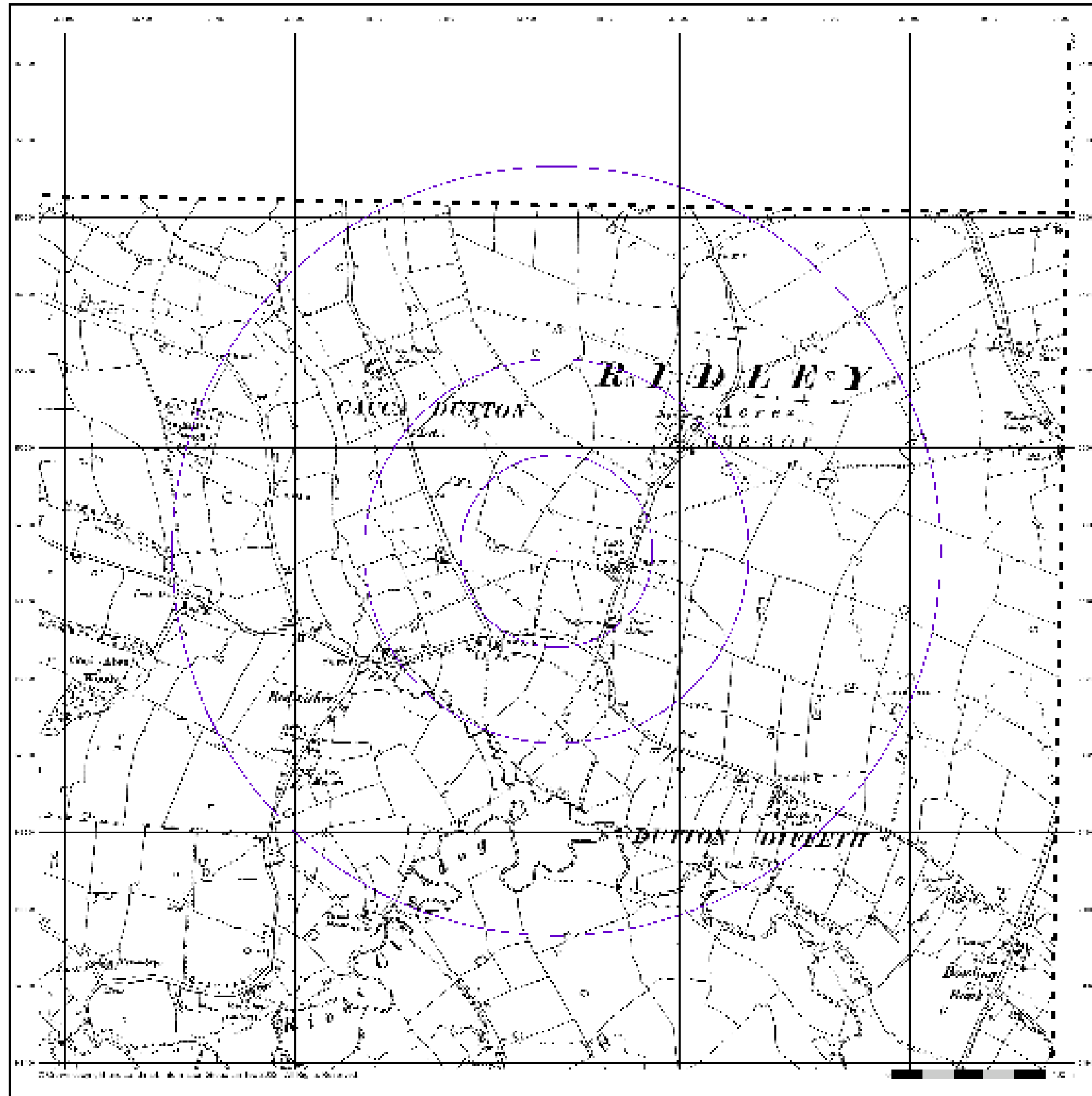


Historical Map - Slice A



Order Details	
Order Number:	300831256_1_1
Customer Ref:	R3117
National Grid Reference:	338680, 349730
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details
Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



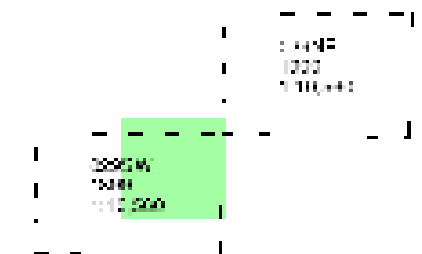
Denbighshire

Published 1899 - 1900

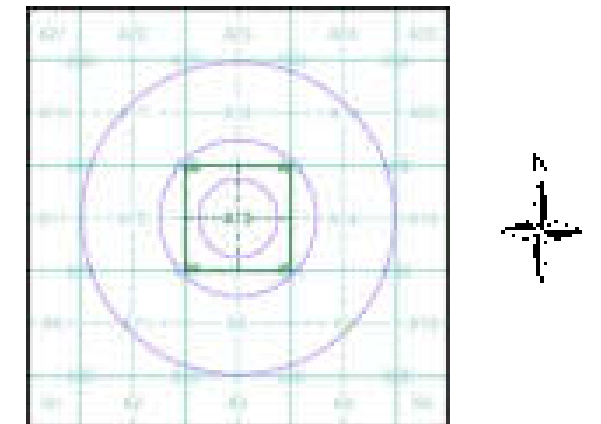
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

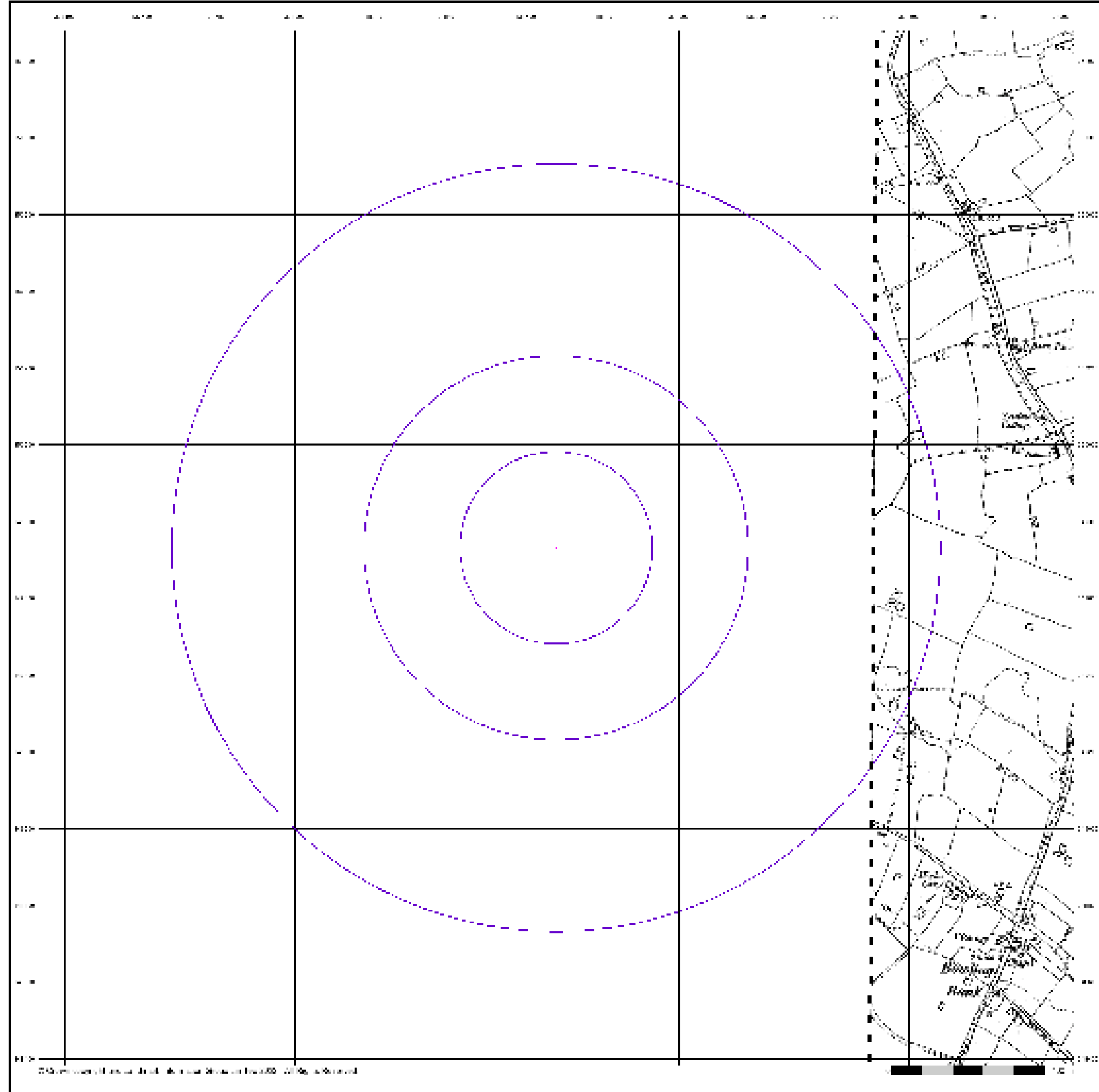


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



Envirocheck

LANDMARK INFORMATION GROUP

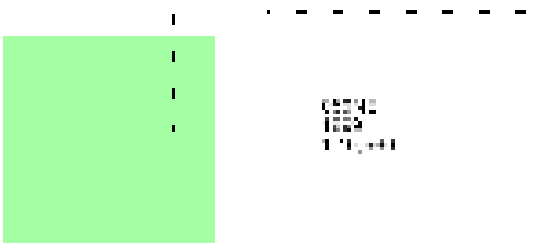
Cheshire

Published 1899

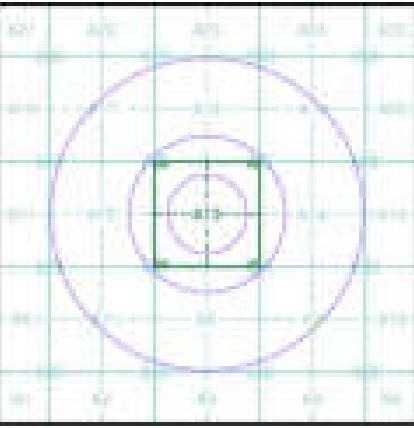
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	300831256_1_1
Customer Ref:	R3117
National Grid Reference:	338680, 349730
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details

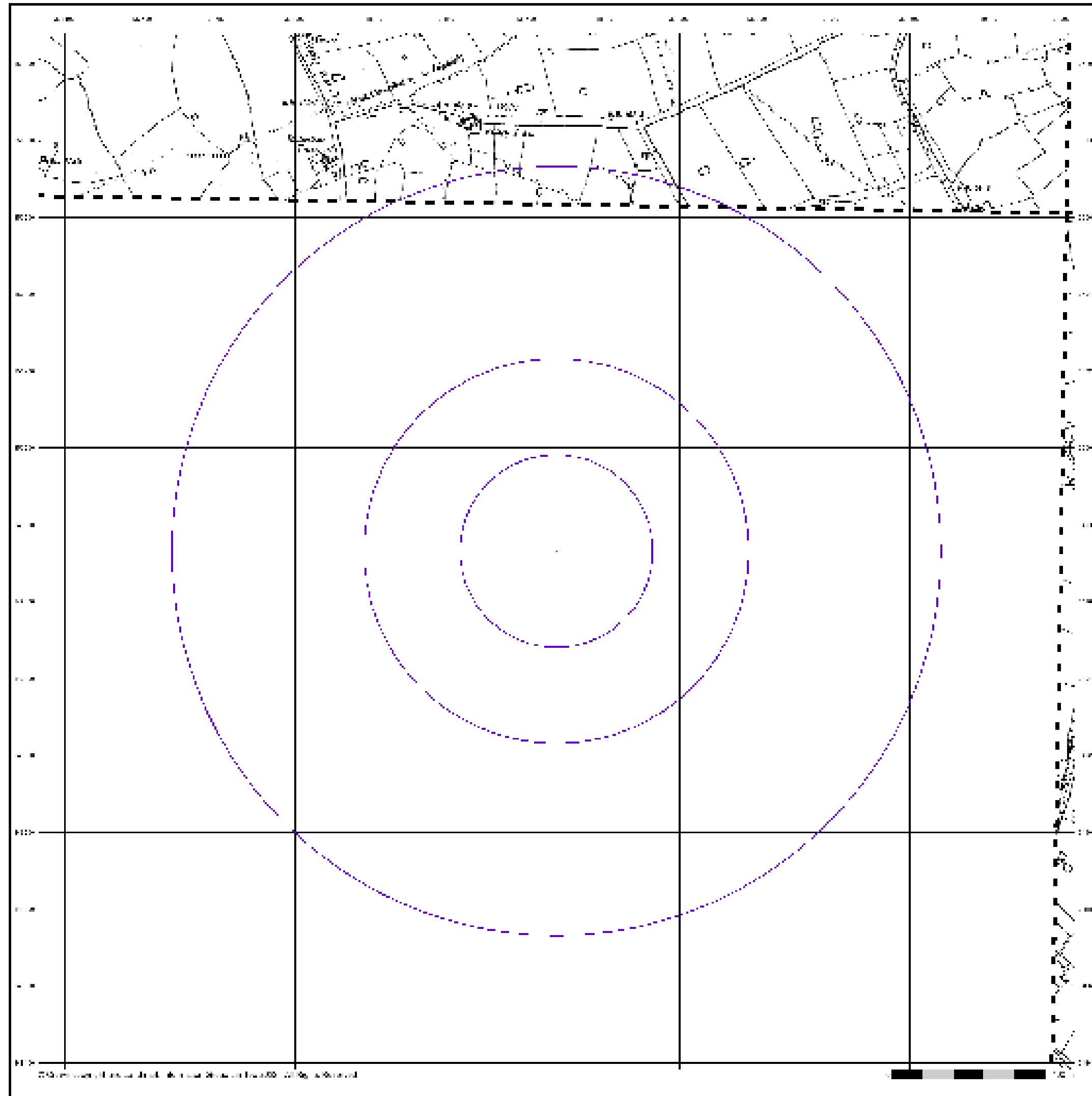
Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Landmark

LANDMARK INFORMATION GROUP

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

A Landmark Information Group Service v50.0 06-Sep-2022 Page 5 of 20



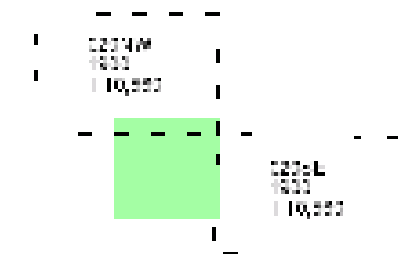
Flintshire

Published 1900

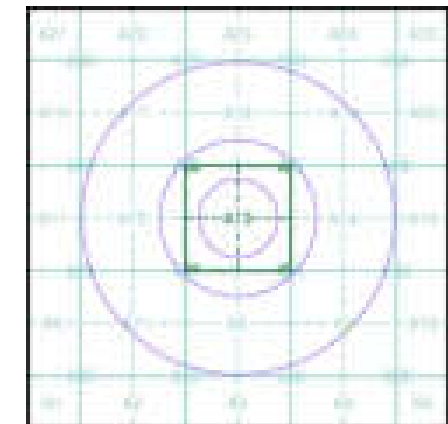
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

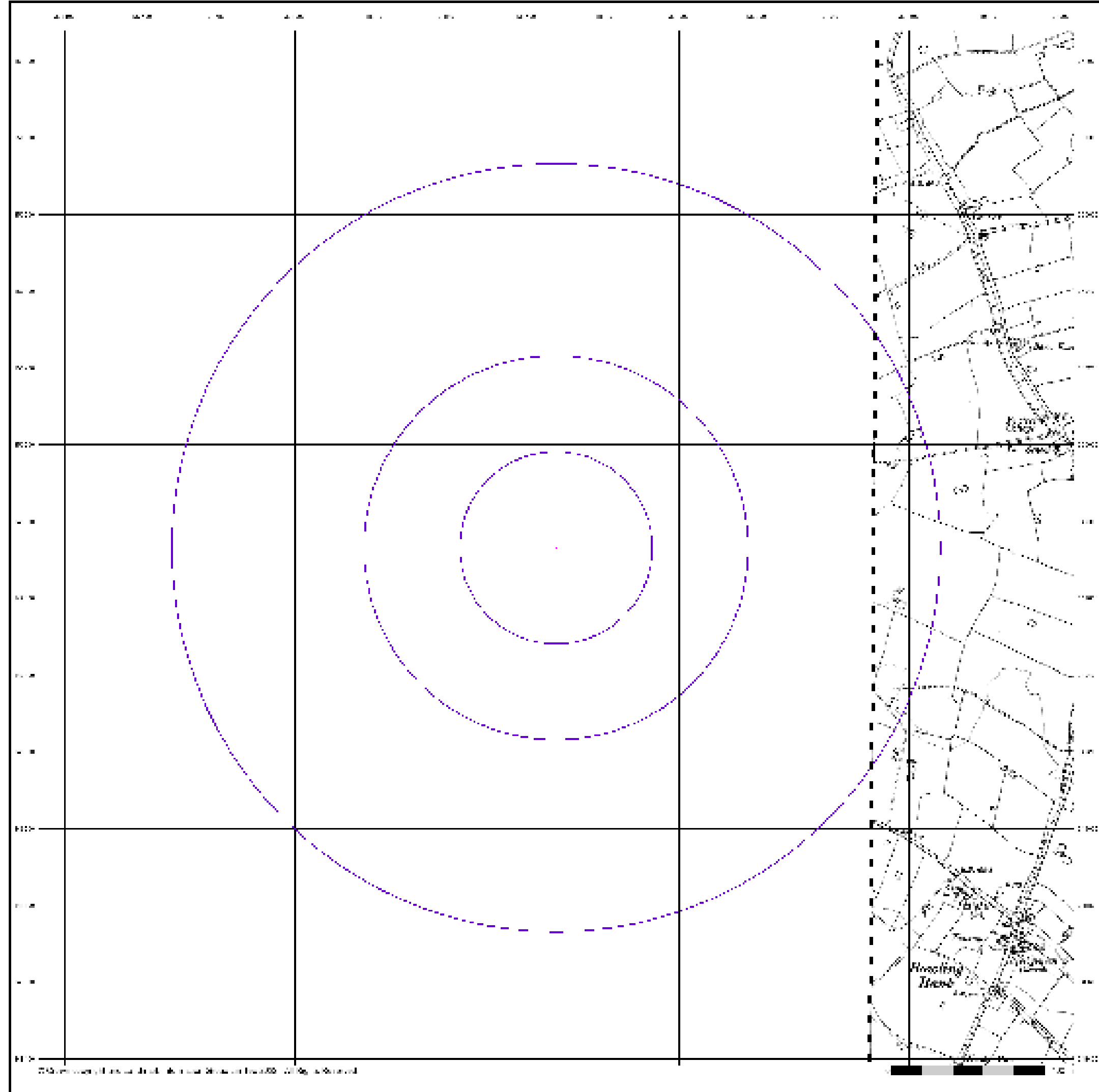


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



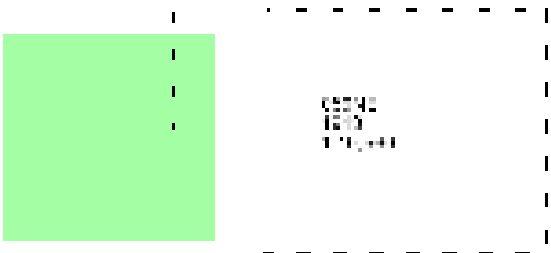
Cheshire

Published 1913

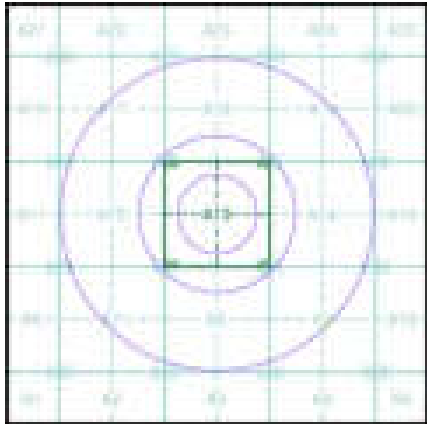
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 300831256_1_1

Customer Ref: R3117

National Grid Reference: 338680, 349730

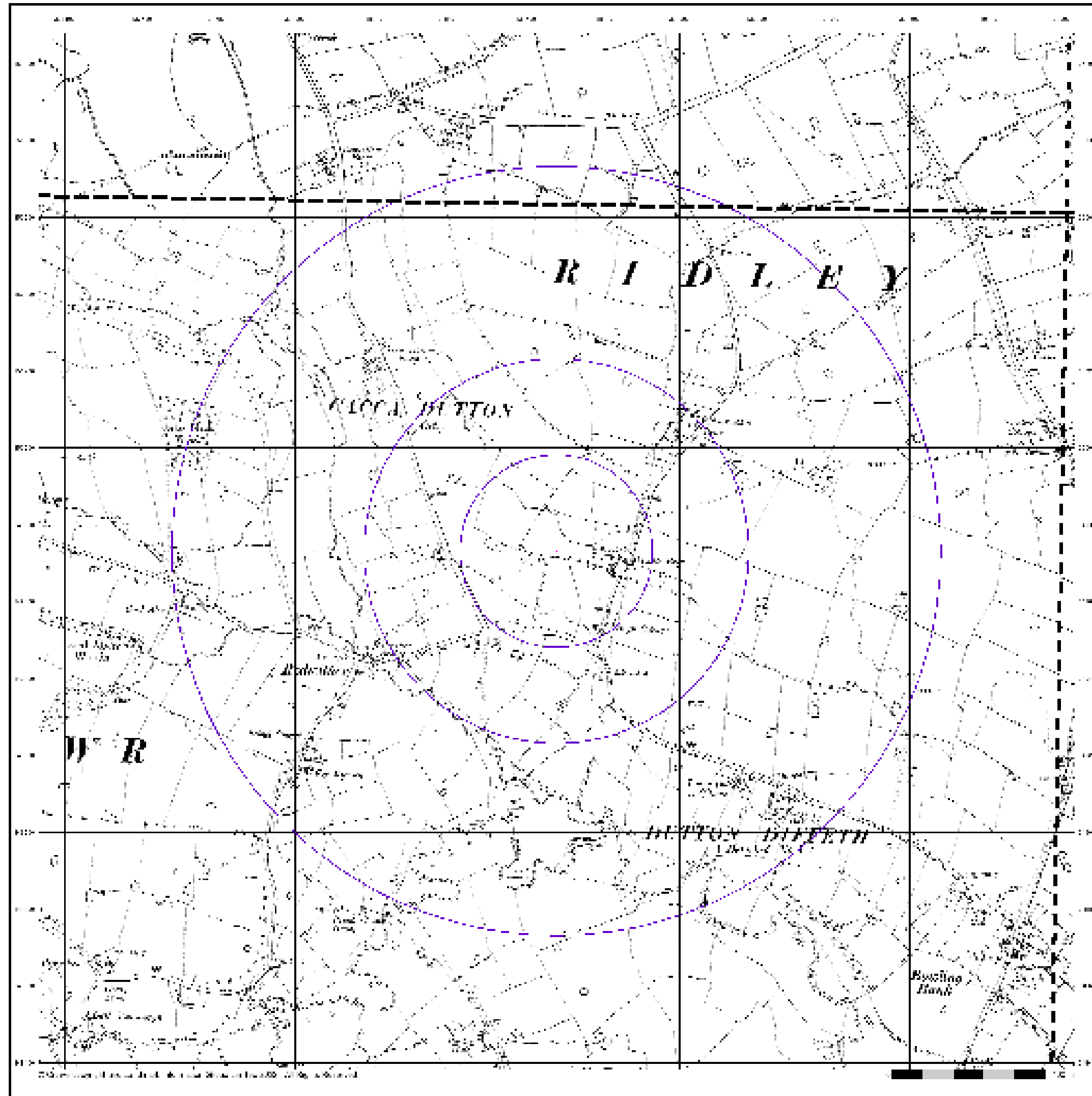
Slice: A

Site Area (Ha): 0.01

Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



Denbighshire

Published 1914

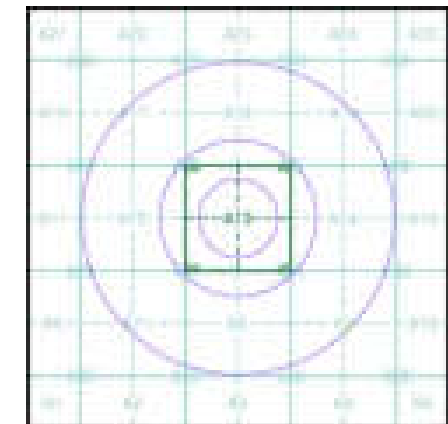
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

30081256 1914 1:10,560	00001 1914 1:10,560
30081256 1914 1:10,560	00001 1914 1:10,560

Historical Map - Slice A

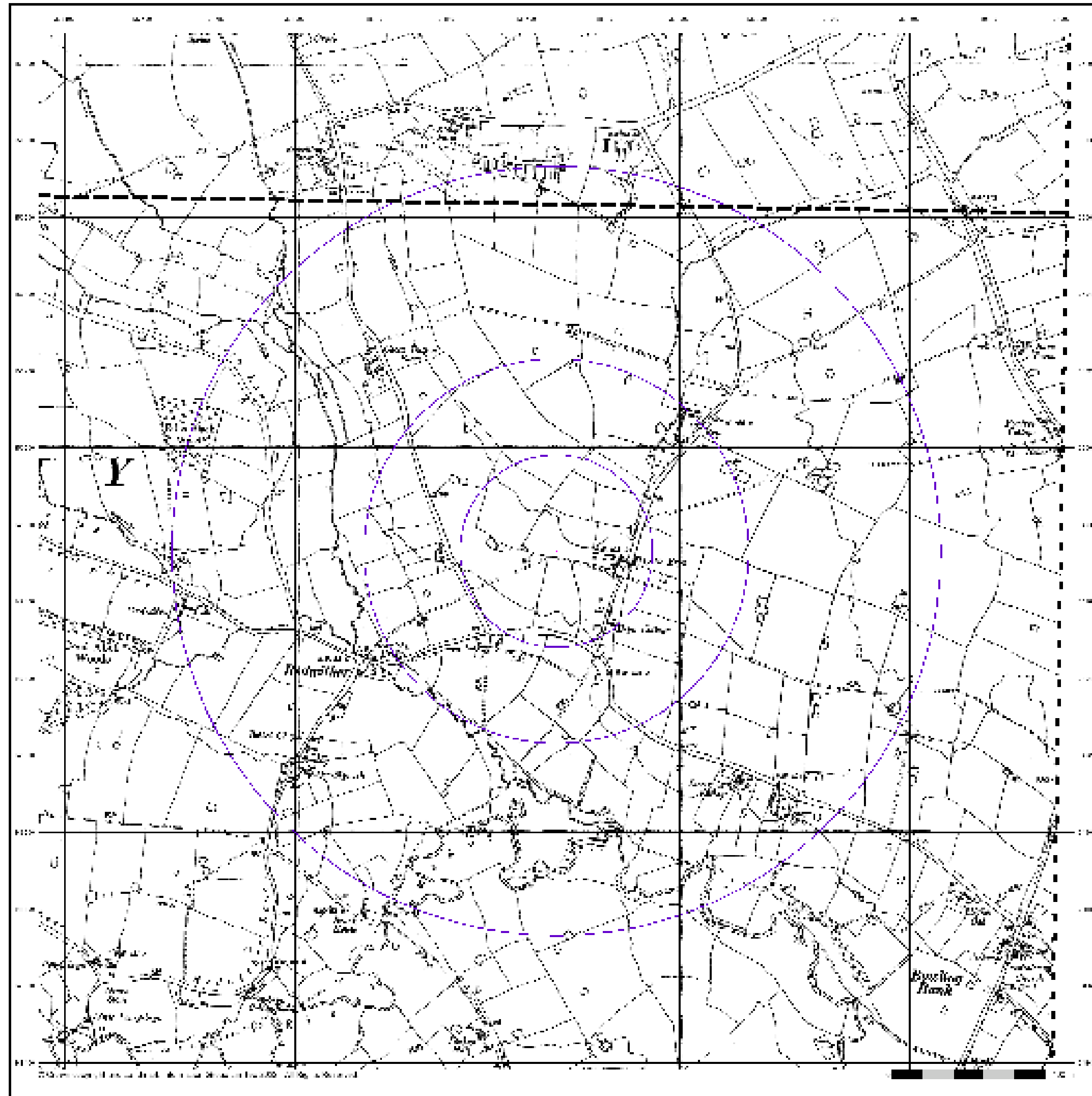


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



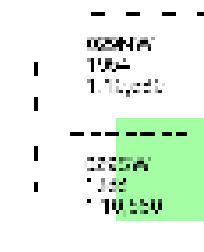
Denbighshire

Published 1938 - 1954

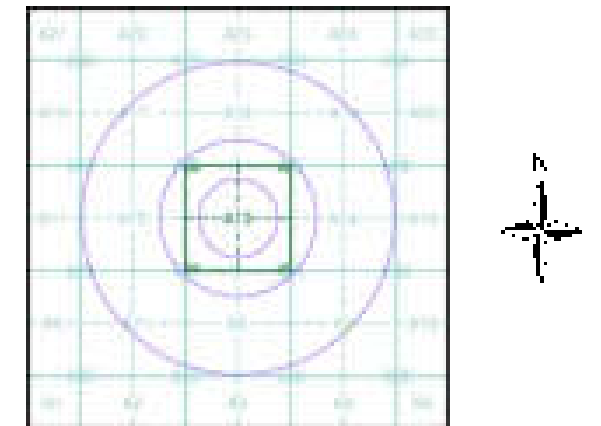
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

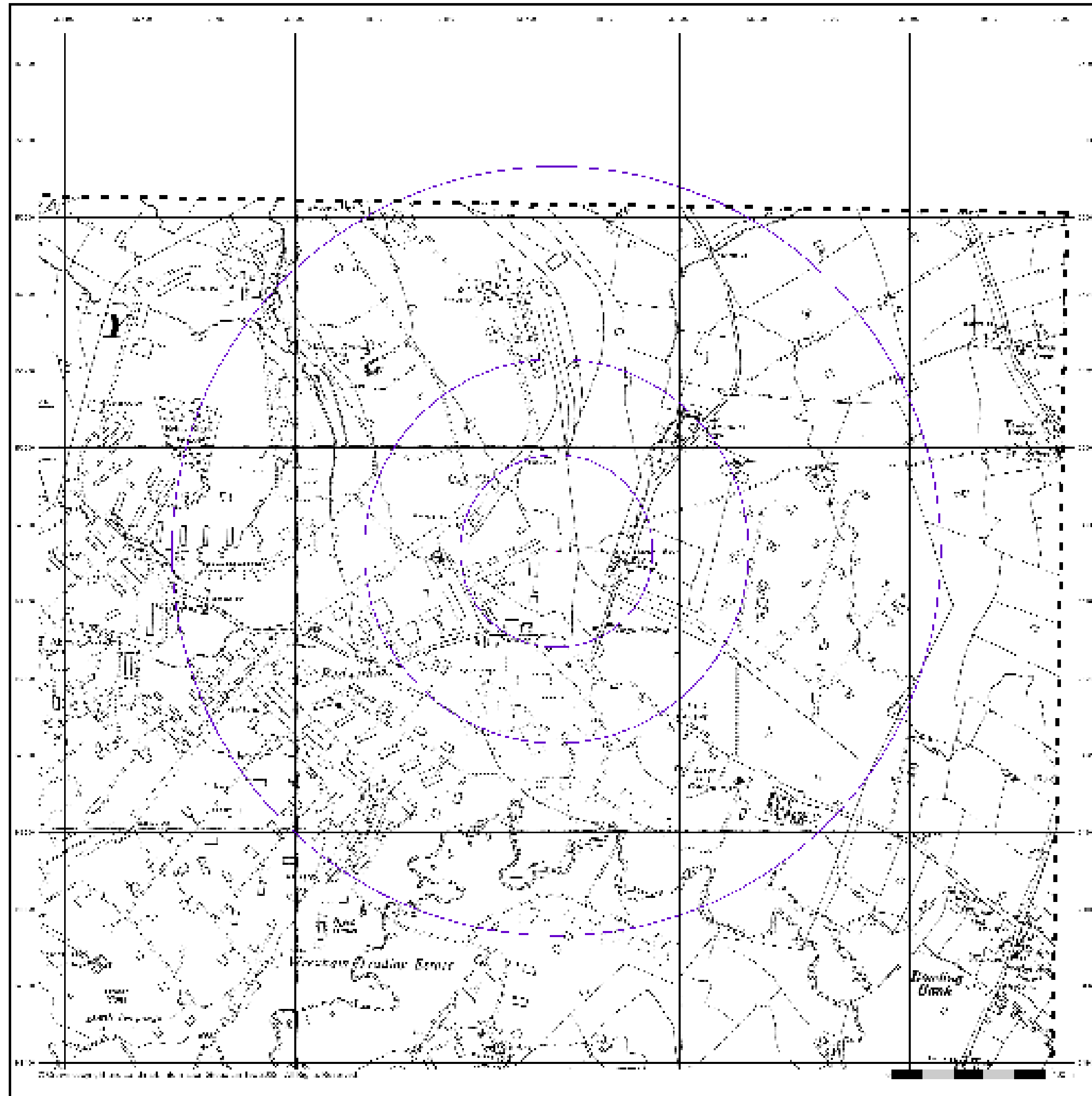


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



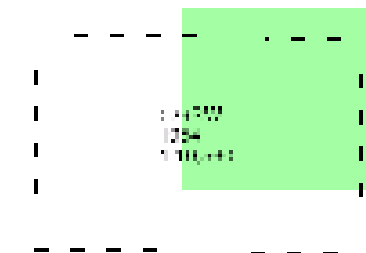
Denbighshire

Published 1954

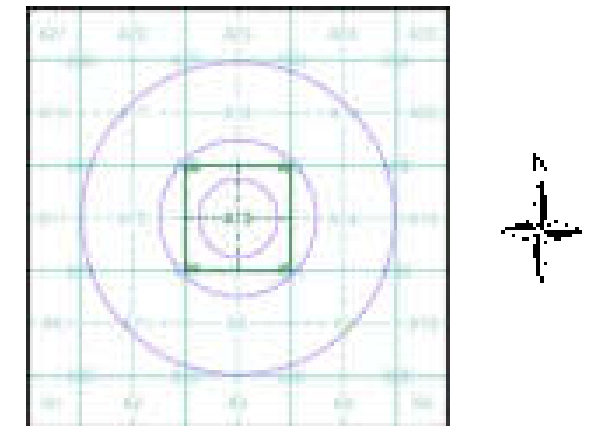
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

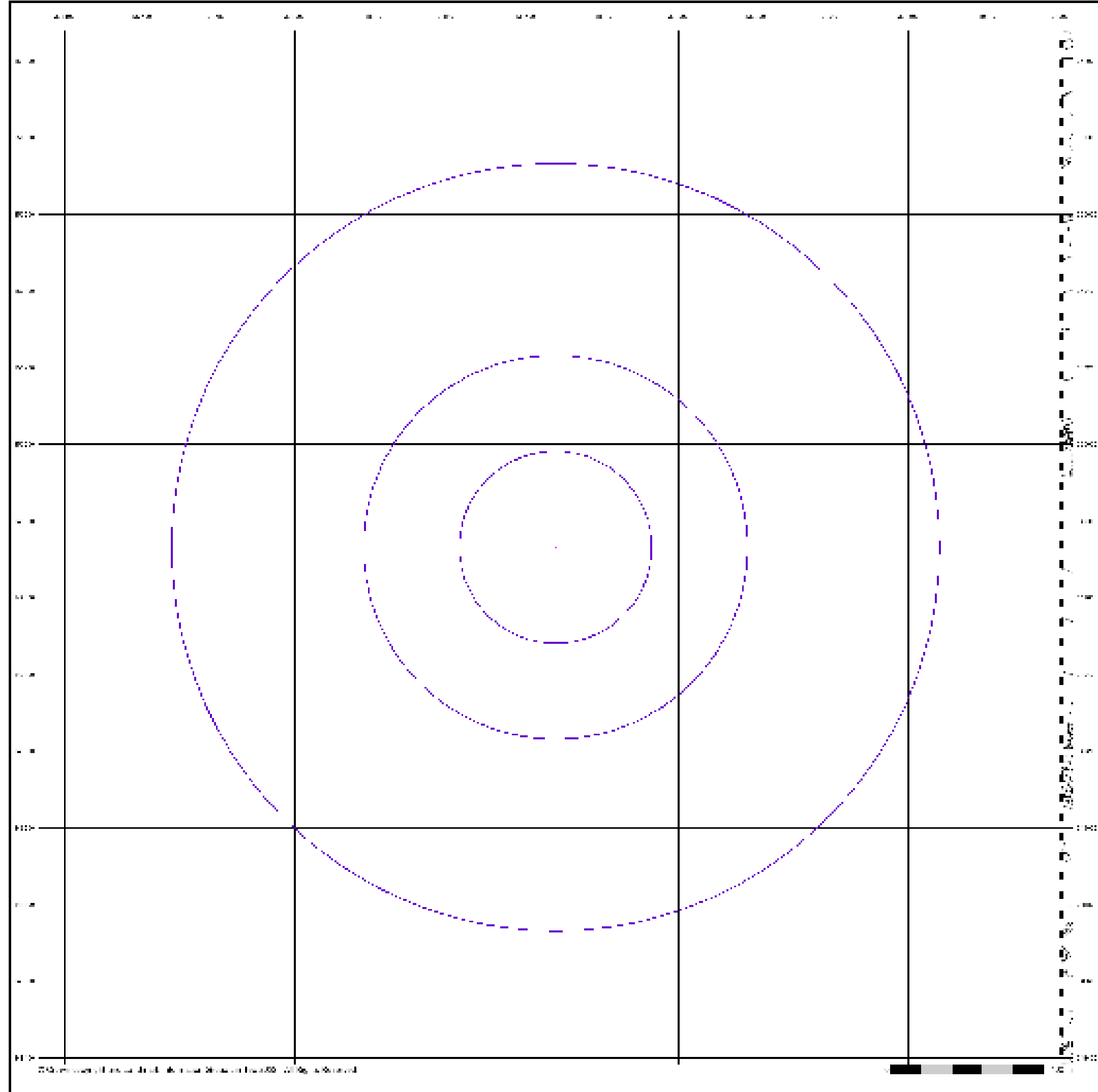


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



Envirocheck[®]

LANDMARK INFORMATION GROUP[®]

Ordnance Survey Plan

Published 1954

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

300831256_1_1

1954

1:10,000

300831256_1_1

1954

1:10,000

Historical Map - Slice A

Order Details

Order Number:	300831256_1_1
Customer Ref:	R3117
National Grid Reference:	338680, 349730
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details

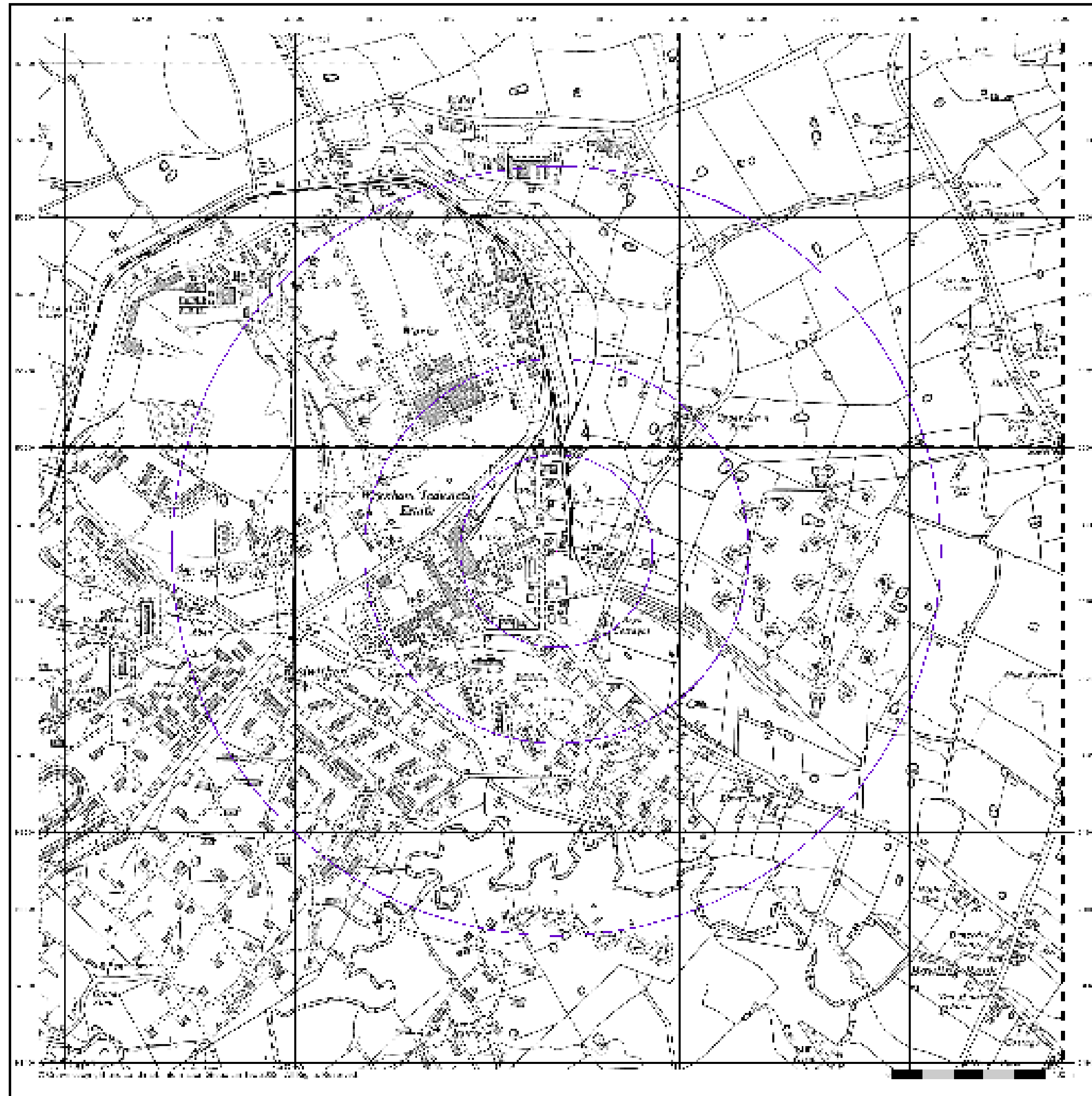
Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Landmark[®]

LANDMARK INFORMATION GROUP[®]

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

A Landmark Information Group Service v50.0 06-Sep-2022 Page 11 of 20



Ordnance Survey Plan

Published 1964

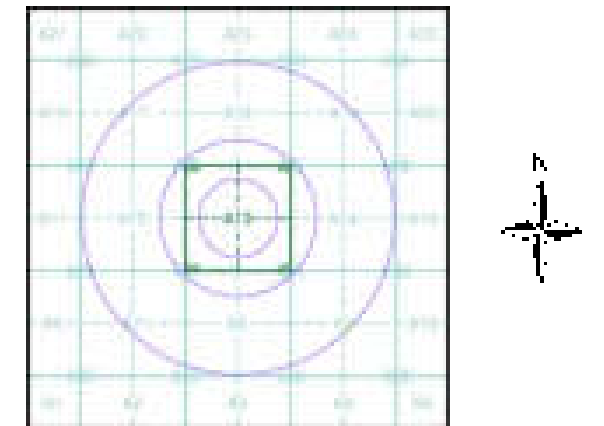
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

Sheet	1:10,000
Scale	1:10,000
Year	1964
Sheet	1:10,000

Historical Map - Slice A

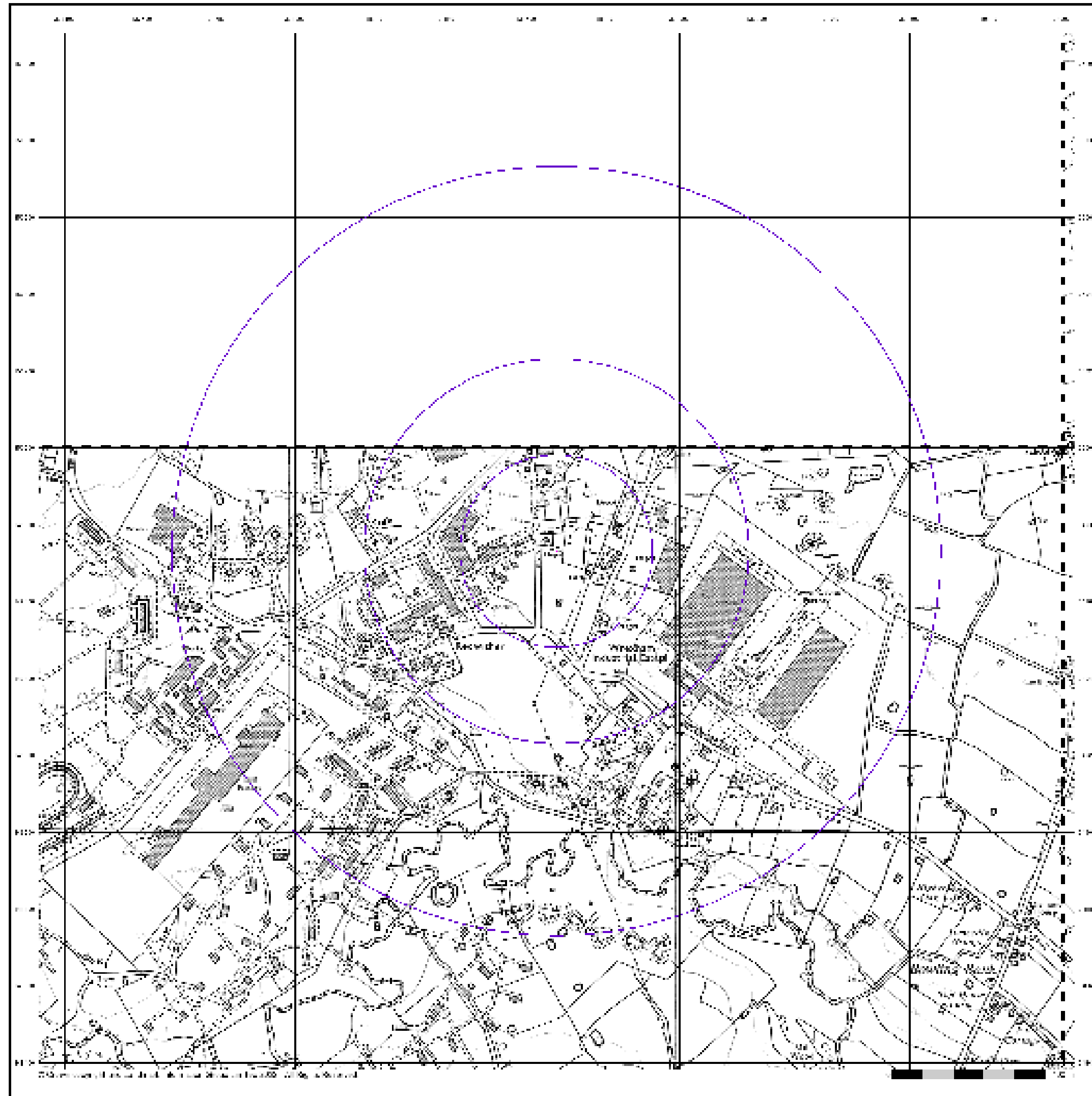


Order Details

Order Number:	300831256_1_1
Customer Ref:	R3117
National Grid Reference:	338680, 349730
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



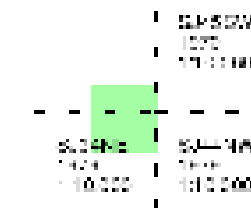
Ordnance Survey Plan

Published 1970 - 1979

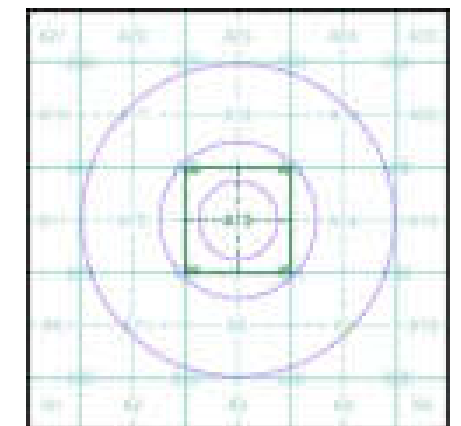
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

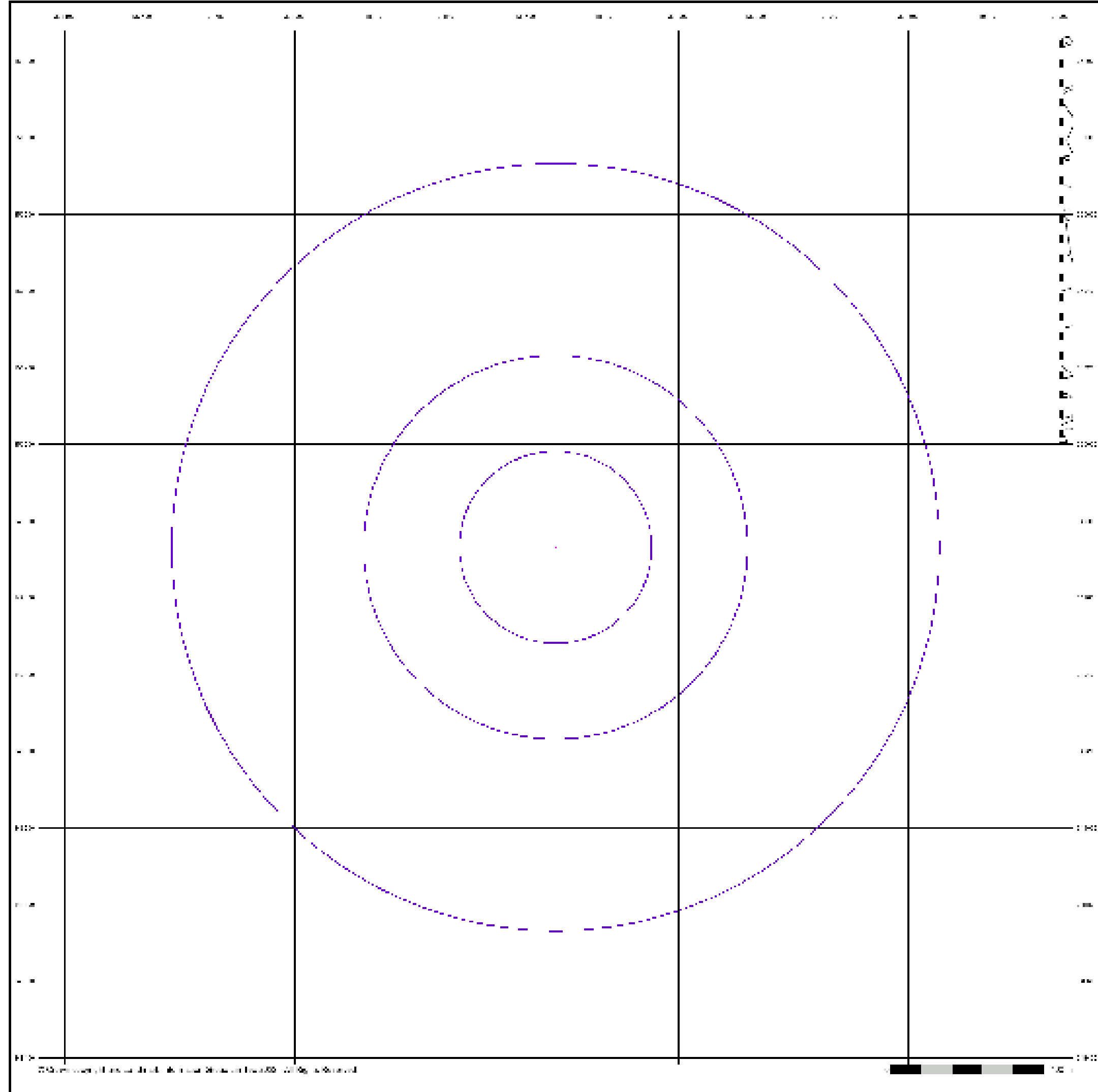


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



Envirocheck[®]

LANDMARK INFORMATION GROUP[®]

Ordnance Survey Plan

Published 1976

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

349730
1076
1:10,000

Historical Map - Slice A

Order Details

Order Number:	300831256_1_1
Customer Ref:	R3117
National Grid Reference:	338680, 349730
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details

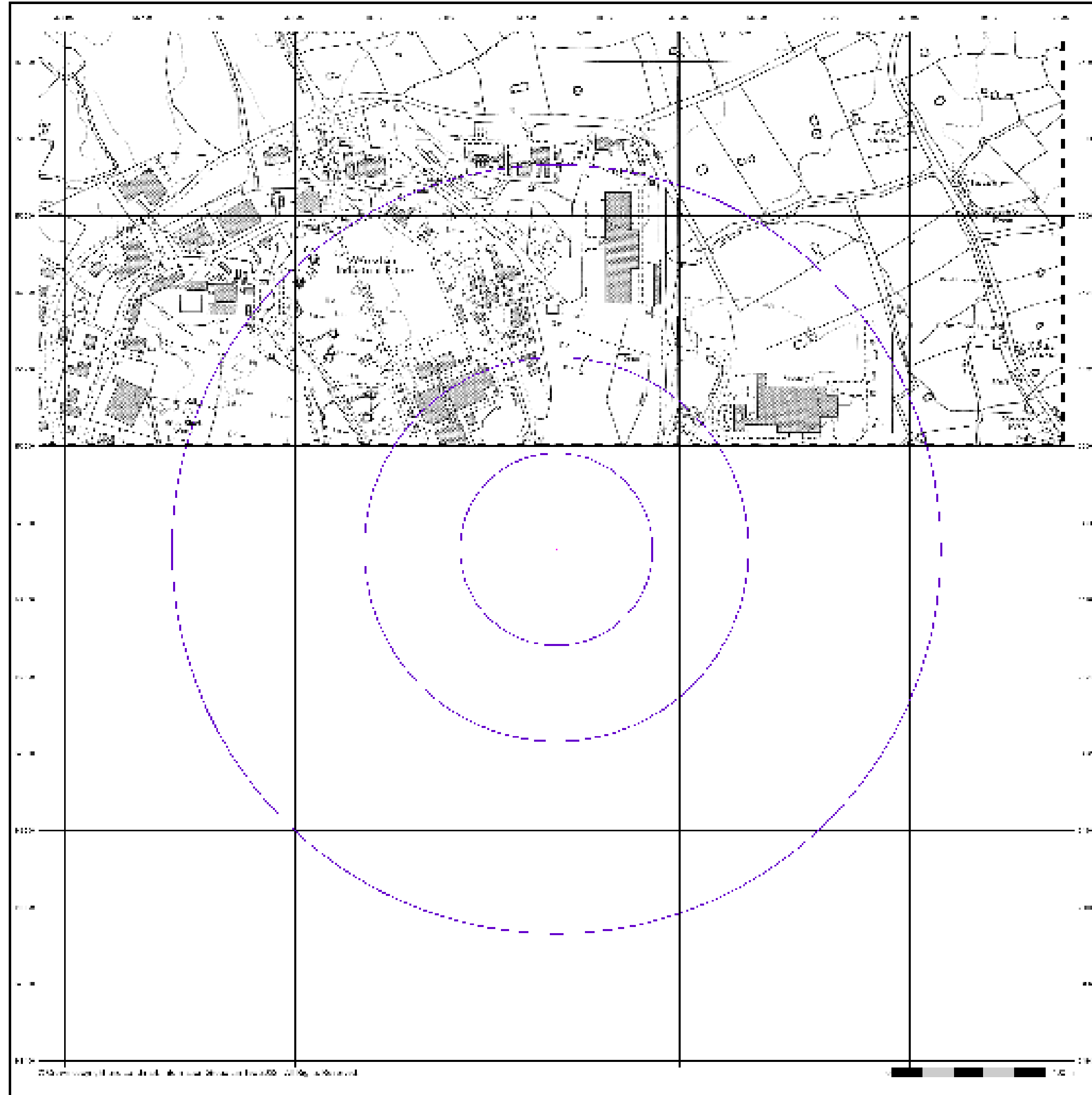
Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Landmark[®]

LANDMARK INFORMATION GROUP

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

A Landmark Information Group Service v50.0 06-Sep-2022 Page 15 of 20



© Crown Copyright and Landmark Information Group Ltd. Ordnance Survey Map No. 1000 1:10,000. All Rights Reserved.

Ordnance Survey Plan

Published 1983

Source map scale - 1:10,000

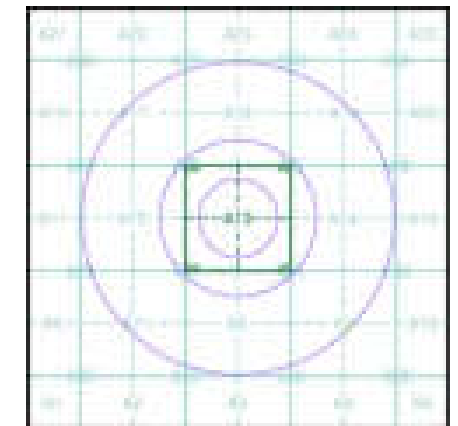
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)

Source
1:10,000



Historical Map - Slice A

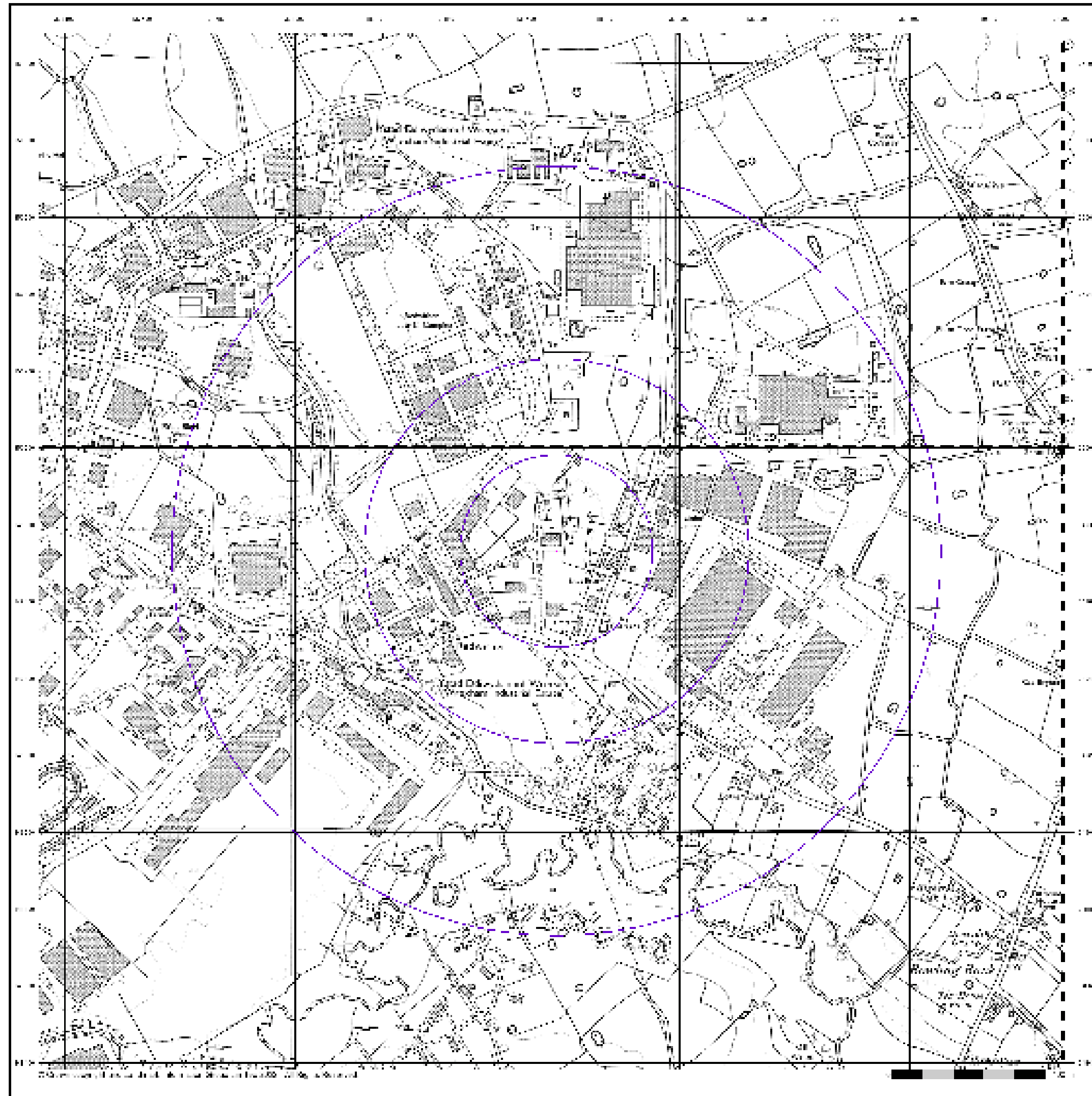


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



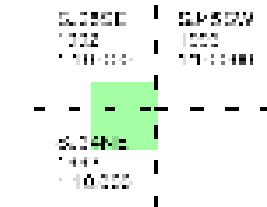
Ordnance Survey Plan

Published 1992 - 1993

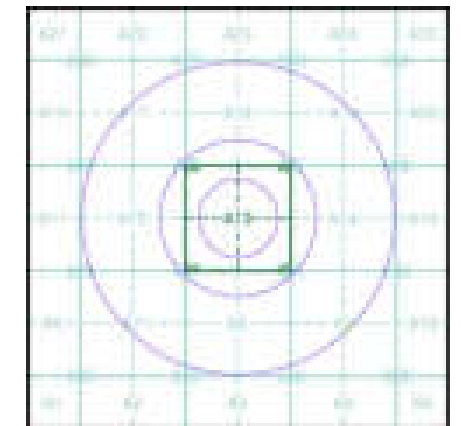
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

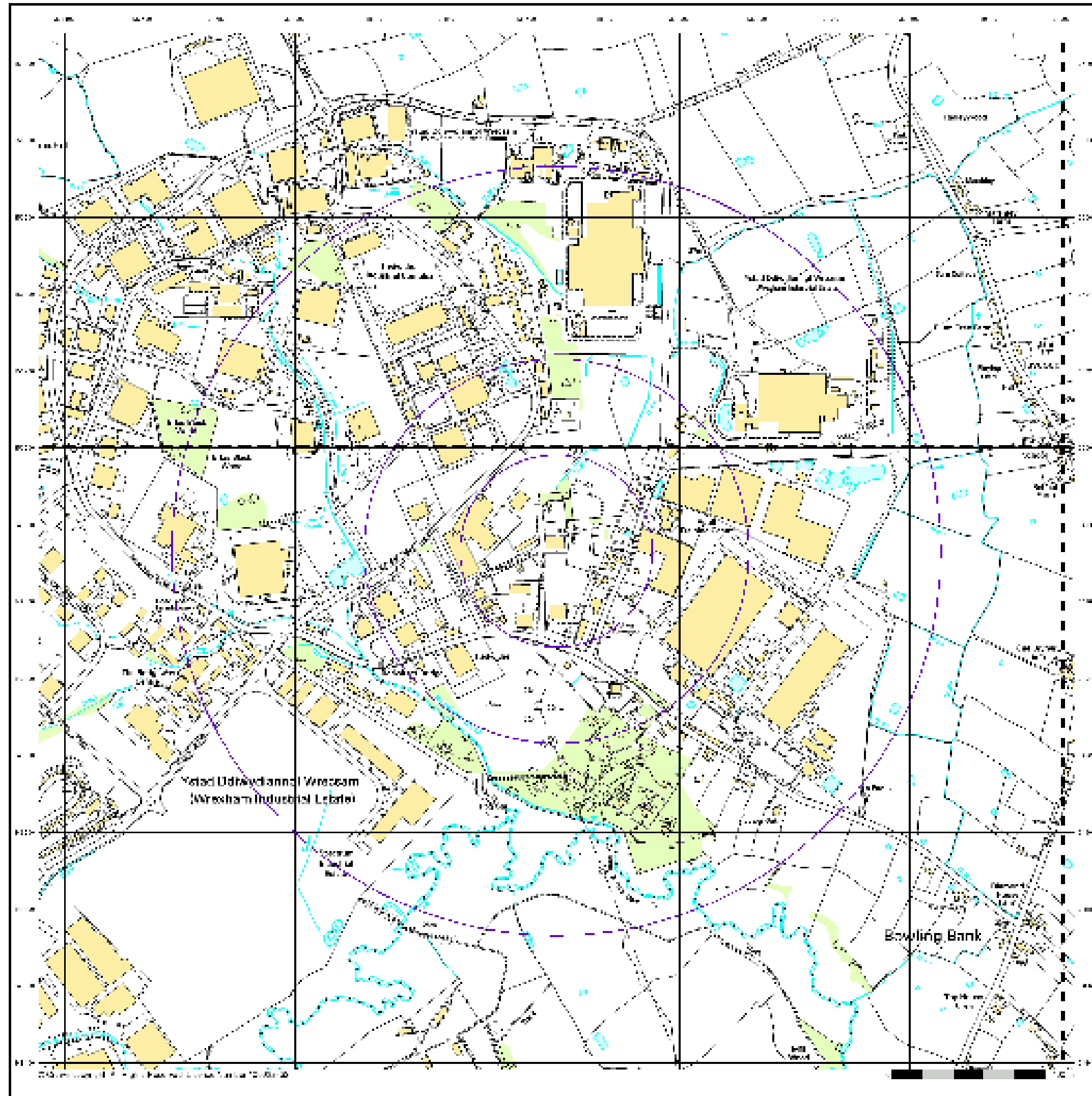


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



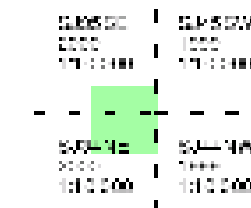
10k Raster Mapping

Published 1999 - 2000

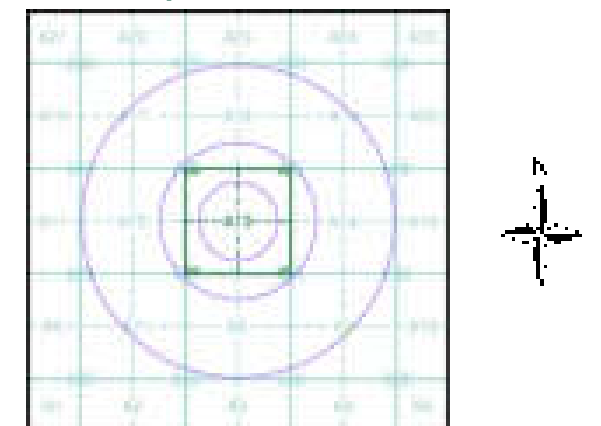
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

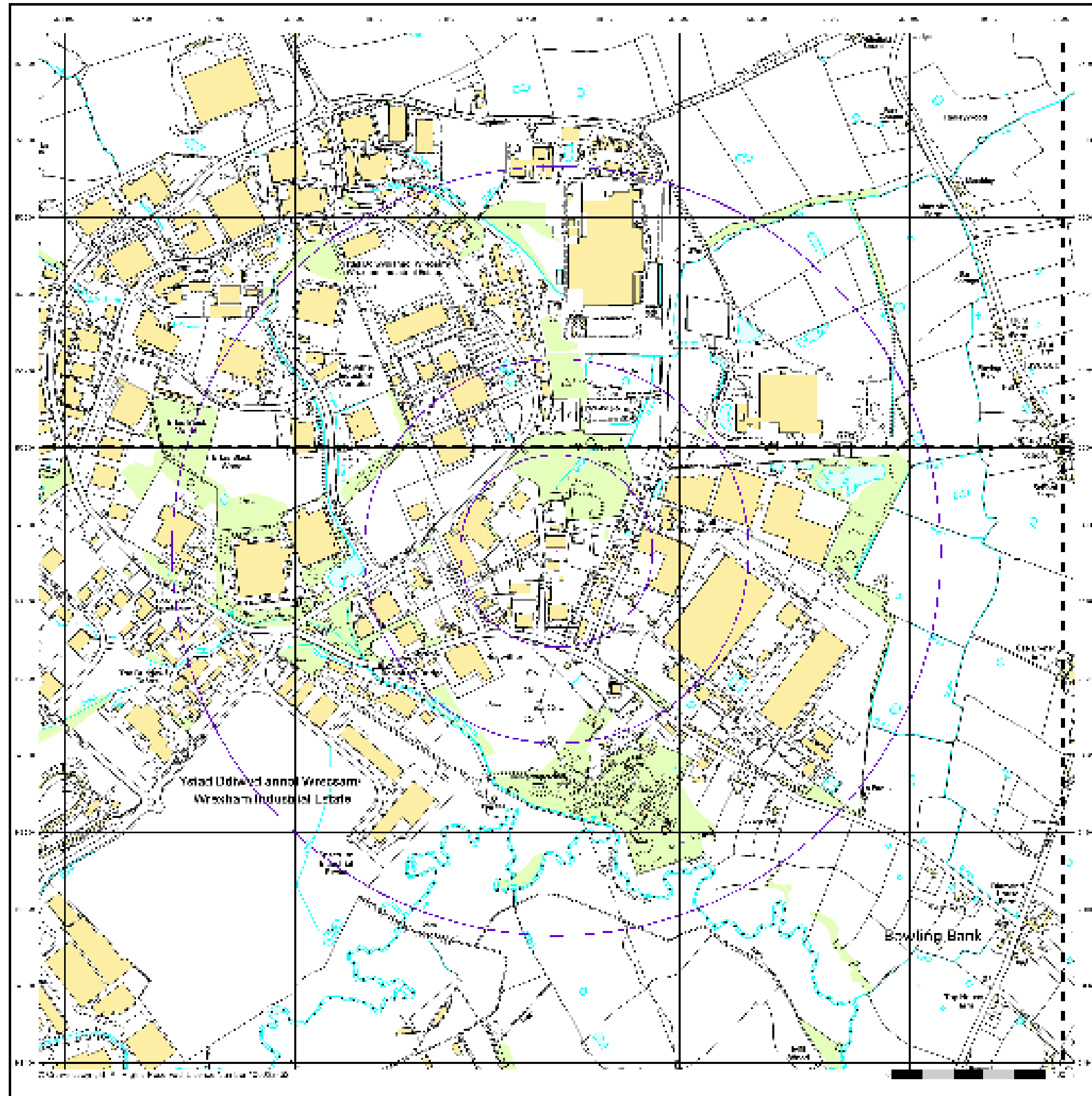


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



Envirocheck[®]

LANDMARK INFORMATION GROUP[®]

10k Raster Mapping

Published 2006

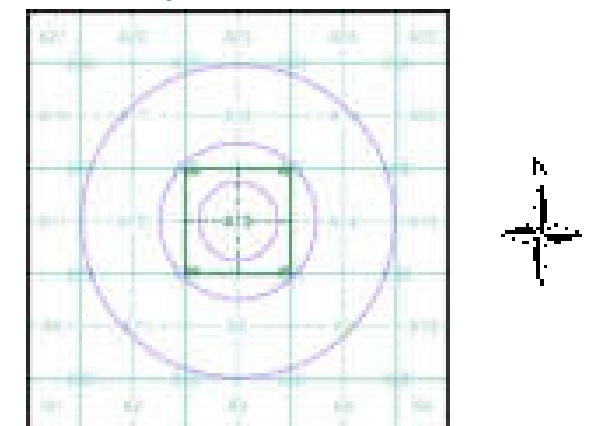
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SLR0500	SLR0500
2005	2006
1:10,000	1:10,000
---	---
SLR0500	SLR0500
2005	2006
1:10,000	1:10,000

Historical Map - Slice A



Order Details

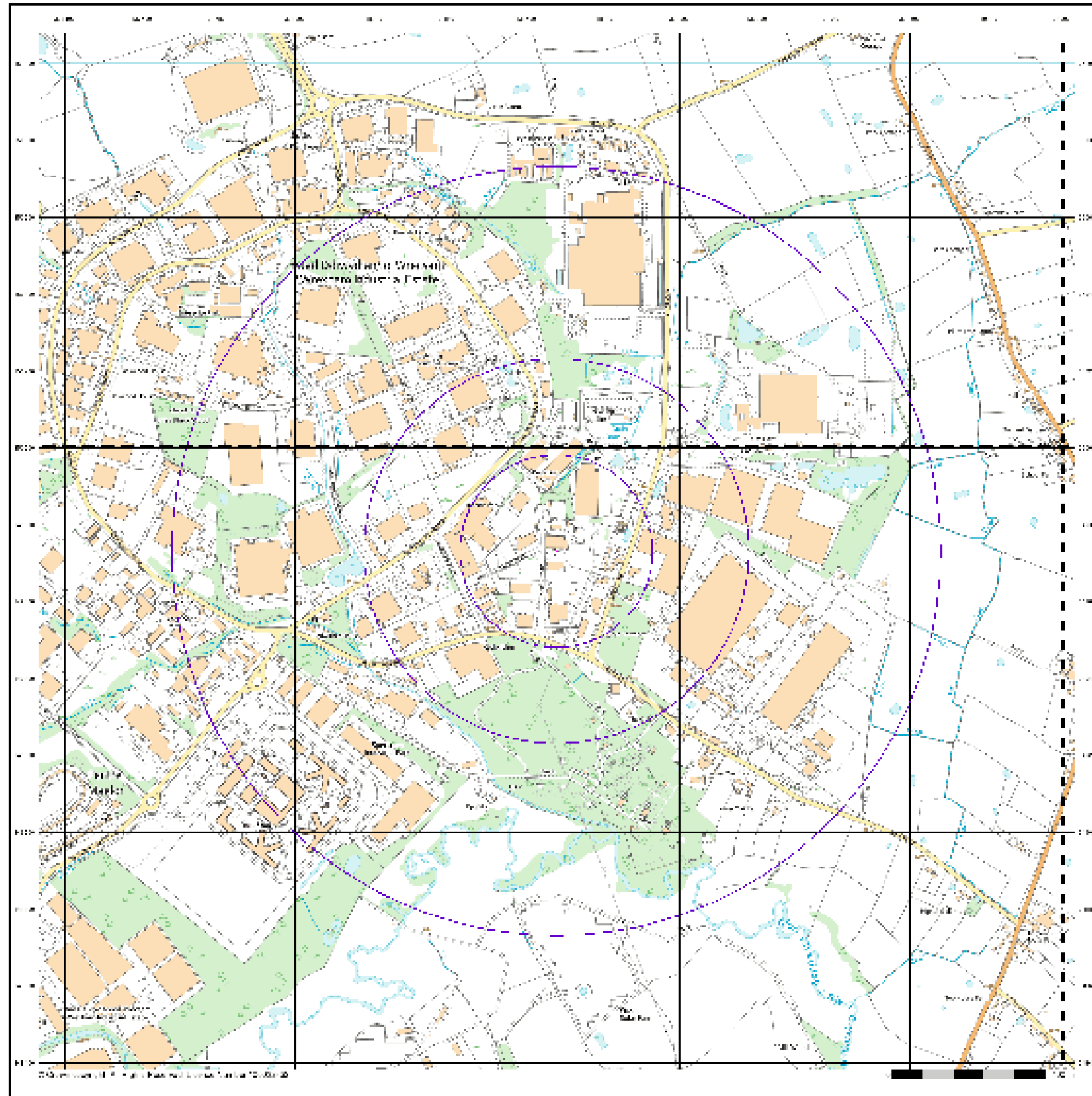
Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Landmark[®]
LANDMARK INFORMATION GROUP[®]

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



© Crown Copyright. All Rights Reserved. Licence Number 10004520

VectorMap Local

Published 2021

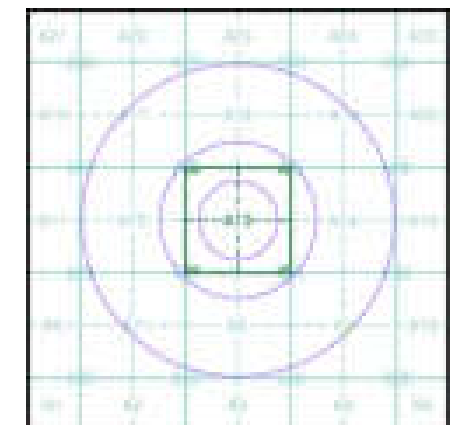
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

2021-01-01	2021-01-01
2021-01-01	2021-01-01
2021-01-01	2021-01-01
2021-01-01	2021-01-01
2021-01-01	2021-01-01
2021-01-01	2021-01-01
2021-01-01	2021-01-01
2021-01-01	2021-01-01
2021-01-01	2021-01-01
2021-01-01	2021-01-01

Historical Map - Slice A



Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Industrial Land Use Map

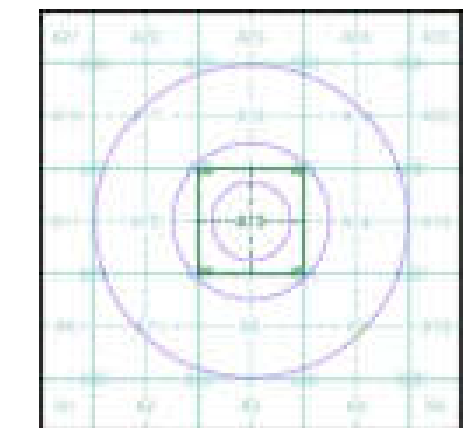
General

-  Air Quality
-  Flood Risk
-  Contaminated Land
-  Air Quality
-  Flood Risk
-  Contaminated Land

Industrial Land Use

-  Air Quality
-  Flood Risk
-  Contaminated Land
-  Air Quality
-  Flood Risk
-  Contaminated Land

Industrial Land Use Map - Slice A



Order Details

Order Number: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South,
 WREXHAM, LL13 9RF

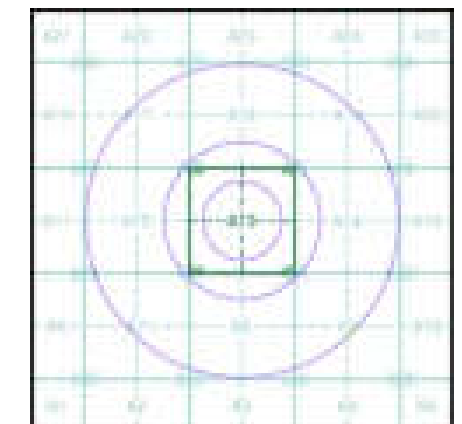
General

- Symbol File
- Landmark File
- Map File

Agency and Hydrological (Flood)

- Flood Risk (Flood Risk Assessment)
- Flood Risk (Flood Risk Assessment)
- Flood Risk (Flood Risk Assessment)
- Flood Risk (Flood Risk Assessment)
- Flood Risk (Flood Risk Assessment)

Flood Map - Slice A



Order Details

Order Number: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South,
 WREXHAM, LL13 9RF

General

- Hydrology
- Land Use
- Water Features
- Soil
- Topography

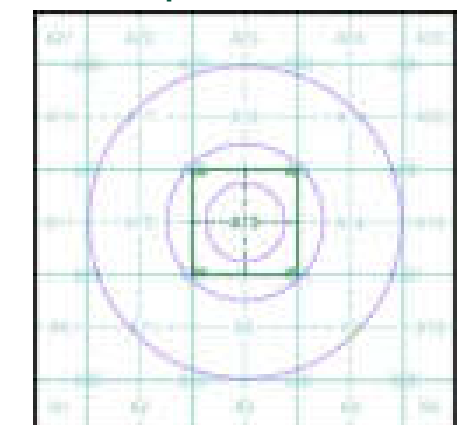
Agency and Hydrological (Boreholes)

- Borehole
- Borehole
- Borehole
- Borehole
- Borehole

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

Order Number: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

General

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

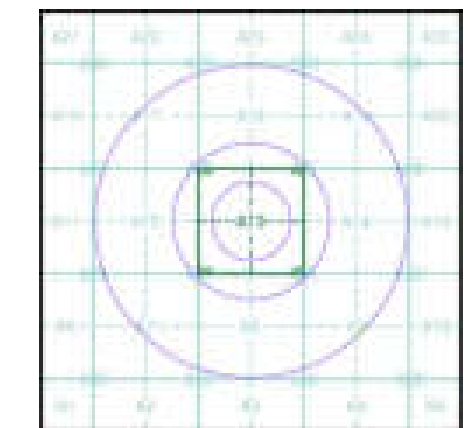
OS Water Network Data

- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Moor | Transfer |
| Tidal River | Lock Or Flight Off take |
| Inland River | Sea |

Contours (height in meters)

- | | |
|------------------|-----------------|
| Standard Contour | Mean Low Water |
| Master Contour | Mean High Water |
| Spot Height | |

OS Water Network Map - Slice A



Order Details

Order Number: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South,
 WREXHAM, LL13 9RF

General

- Appl. 01/19
- 01/19/19
- 01/19/19

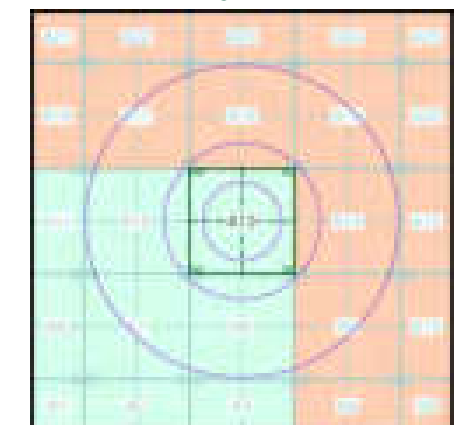
Risk of Flooding from Surface Water

- 4. 100% Risk
- 3. 100% Risk
- 2. 100% Risk

Suitability

- 4. 100% Risk
- 3. 100% Risk
- 2. 100% Risk
- 1. 100% Risk
- 0. 100% Risk
- 1. 100% Risk

EANRW Suitability Map - Slice A



Order Details

Order Number: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

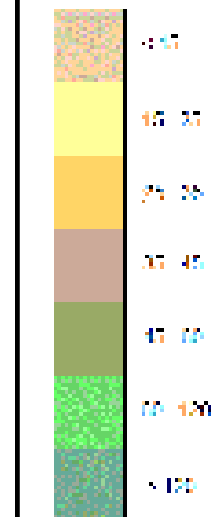
Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

General

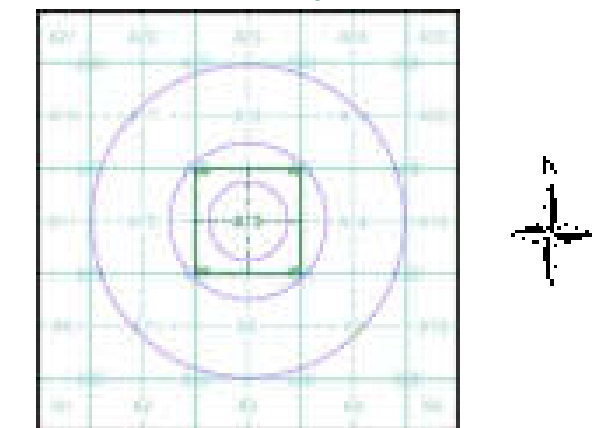
Legend: ● Contaminated ● Contaminated X Contaminated

Estimated Soil Chemistry Arsenic

Soil Contamination



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

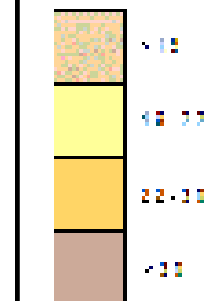
Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

General

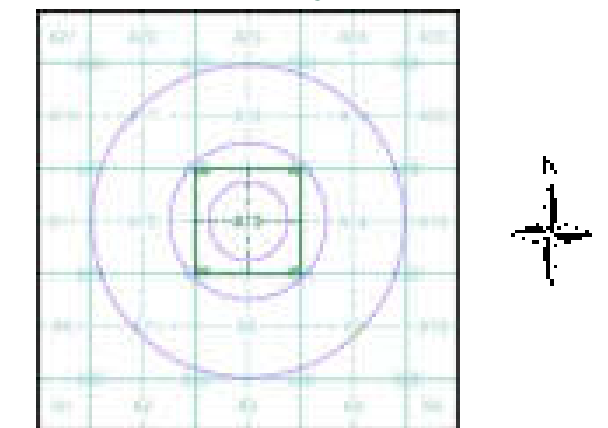
Site Location: [Symbol] Search Buffer: [Symbol] Estimated Soil Chemistry Cadmium: [Symbol]

Estimated Soil Chemistry Cadmium

Estimated Soil Chemistry Cadmium (mg/kg)



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

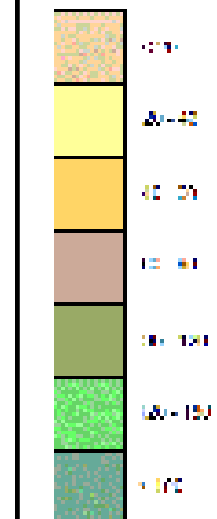
Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

General

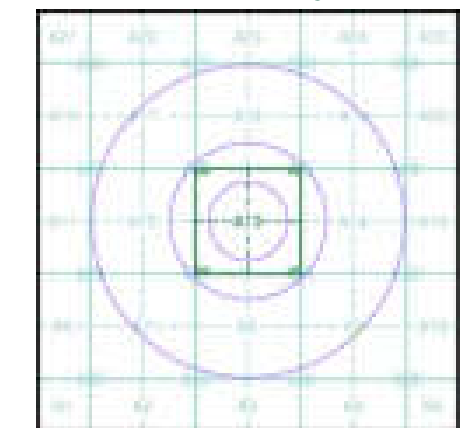
☒ General
☐ Contaminated Site
☒ Analysis Summary

Estimated Soil Chemistry Chromium

Chromium Concentration (mg/kg)



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South,
 WREXHAM, LL13 9RF

General

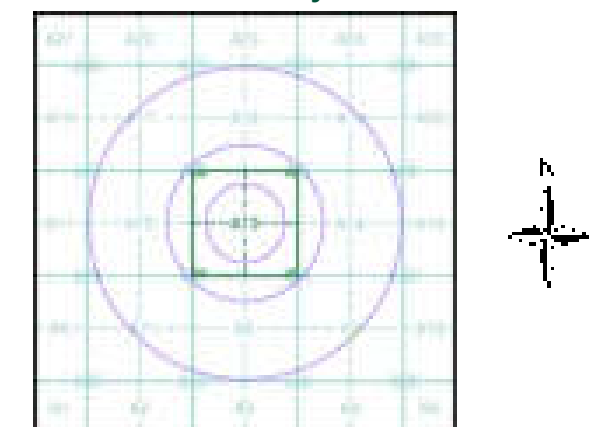
1. Project Name: 2. Site Address: 3. Project Reference:

Estimated Soil Chemistry Lead

Lead Concentration (mg/kg)



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

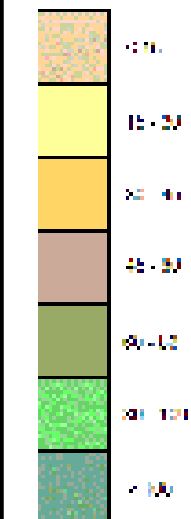
Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

General

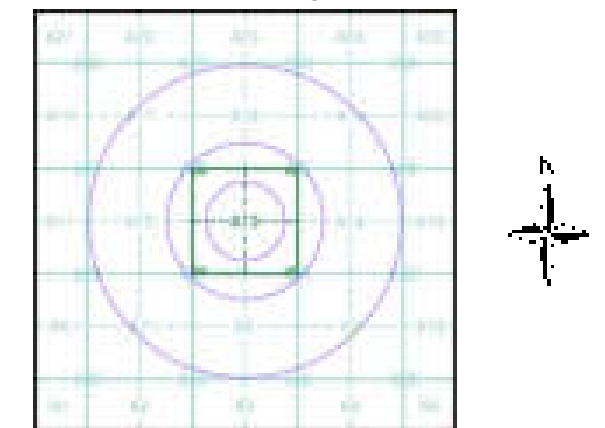
Estimated Soil Chemistry Nickel

Estimated Soil Chemistry Nickel

Estimated Soil Chemistry Nickel



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Ordinance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information

[illegible][illegible][illegible]

Mapping Type	Scale	Date	Pg
Denbighshire	1:2,500	1873	2
Denbighshire	1:2,500	1899	3
Denbighshire	1:2,500	1911	4
Ordnance Survey Plan	1:2,500	1961	5
Ordnance Survey Plan	1:2,500	1972 - 1974	6
Additional SIMs	1:2,500	1982 - 1990	7
Additional SIMs	1:2,500	1987 - 1990	8
Additional SIMs	1:2,500	1989	9
Additional SIMs	1:2,500	1990	10
Ordnance Survey Plan	1:2,500	1992	11
Large-Scale National Grid Data	1:2,500	1992	12
Large-Scale National Grid Data	1:2,500	1993 - 1994	13
Large-Scale National Grid Data	1:2,500	1994	14
Large-Scale National Grid Data	1:2,500	1995	15
Historical Aerial Photography	1:2,500	2003	16

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South,
WREXHAM, LL13 9RF

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

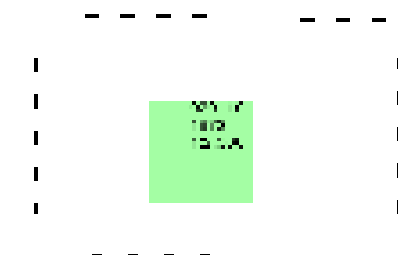
Denbighshire

Published 1873

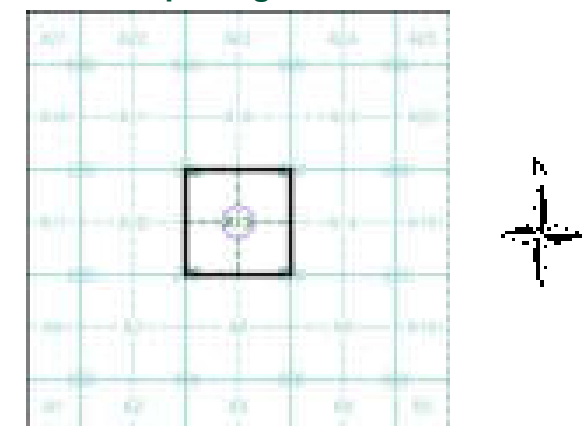
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

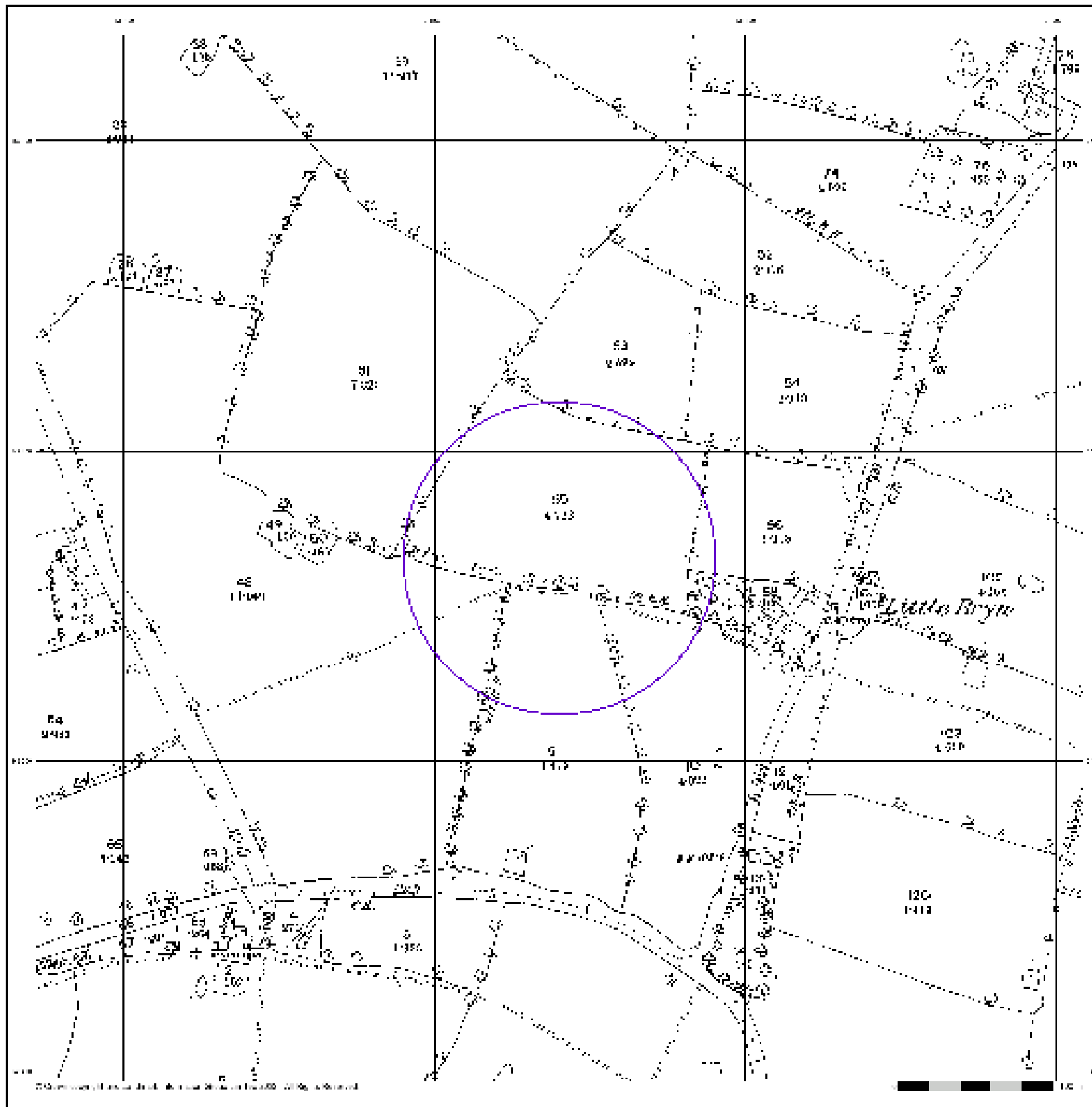


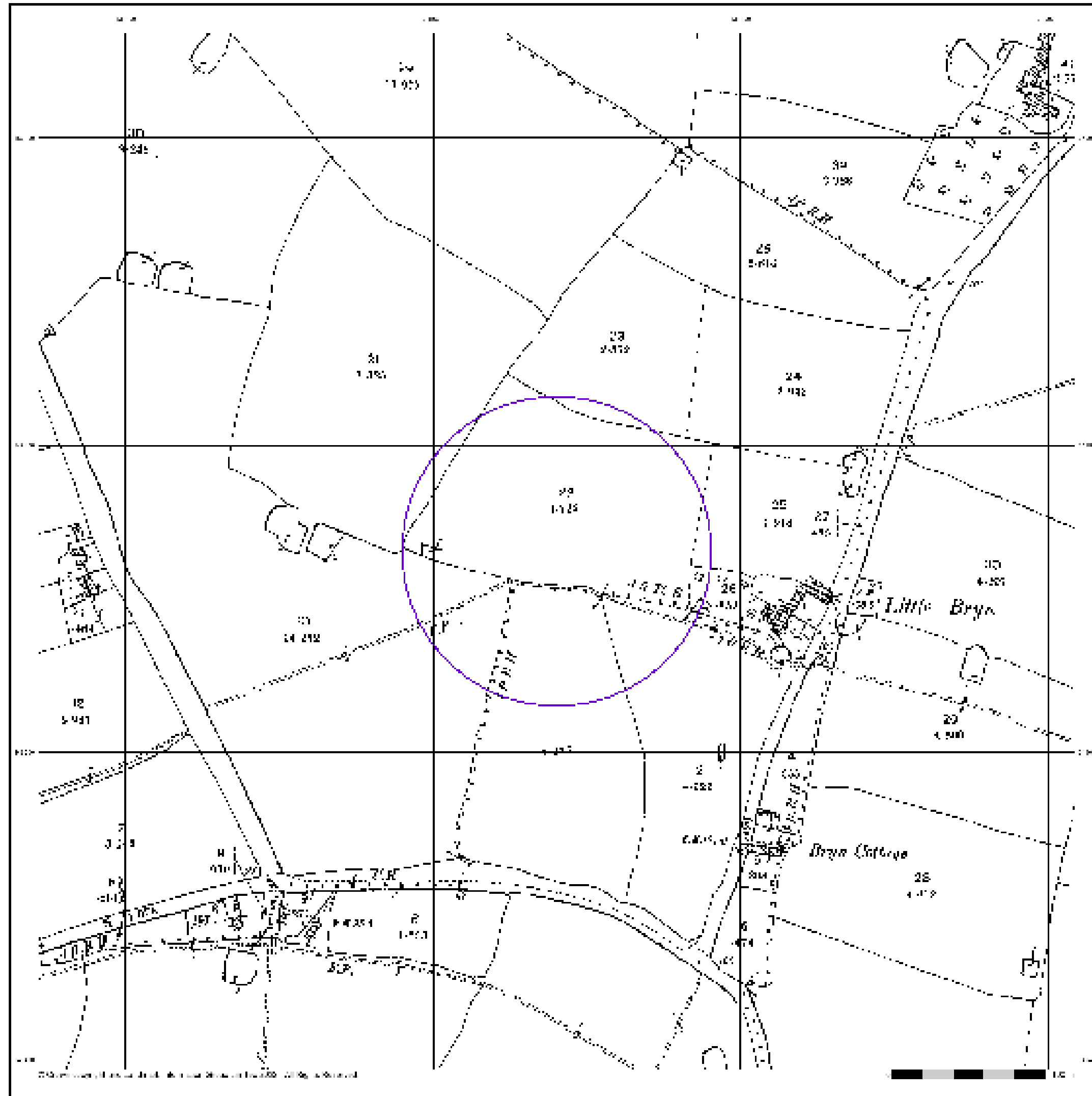
Order Details

Order Number: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 100

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF





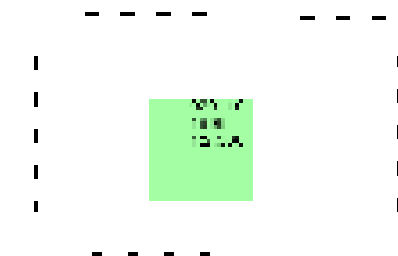
Denbighshire

Published 1899

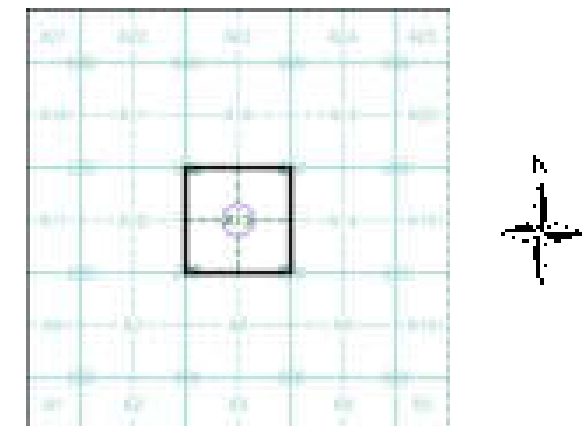
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

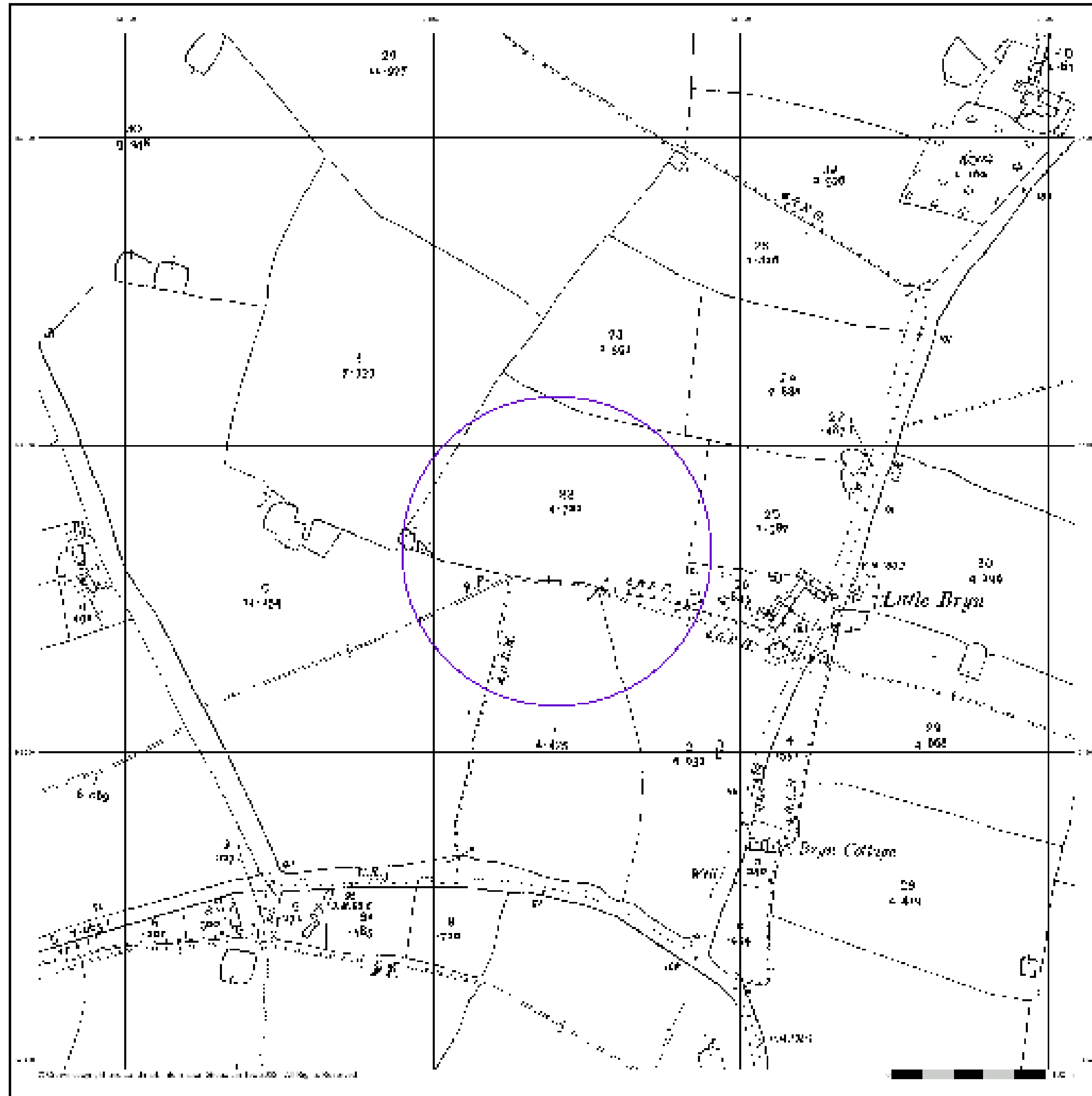


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



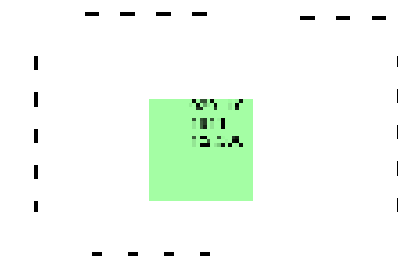
Denbighshire

Published 1911

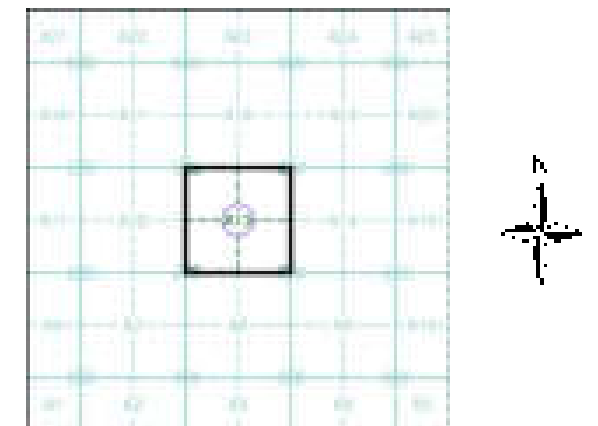
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

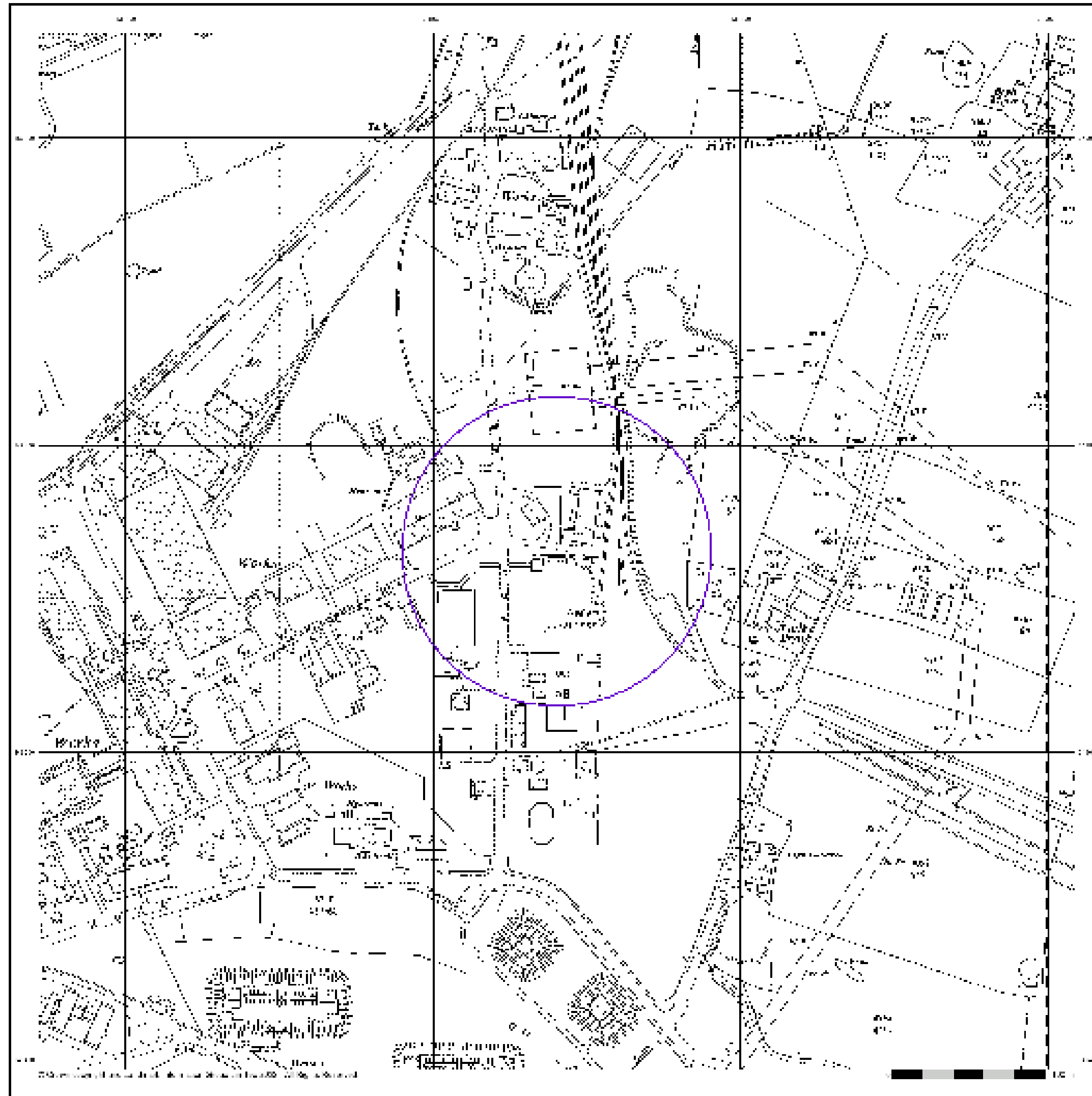


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



Ordnance Survey Plan

Published 1961

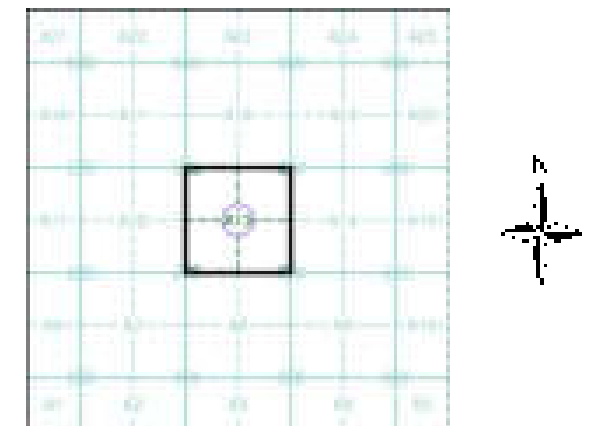
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

OXFORD 1871 1:2,500	OXFORD 1881 1:2,500
OXFORD 1891 1:2,500	OXFORD 1901 1:2,500

Historical Map - Segment A13



Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Ordnance Survey Plan

Published 1972 - 1974

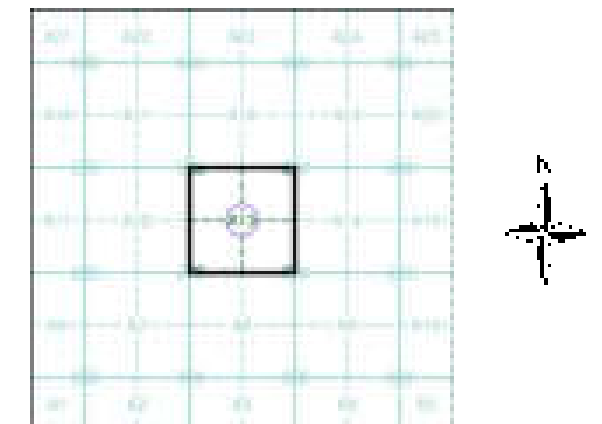
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

Wrexham 1972 1:2,500	Wrexham 1974 1:2,500
Wrexham 1972 1:2,500	Wrexham 1974 1:2,500

Historical Map - Segment A13



Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South,
WREXHAM, LL13 9RF

Additional SIMs

Published 1982 - 1990

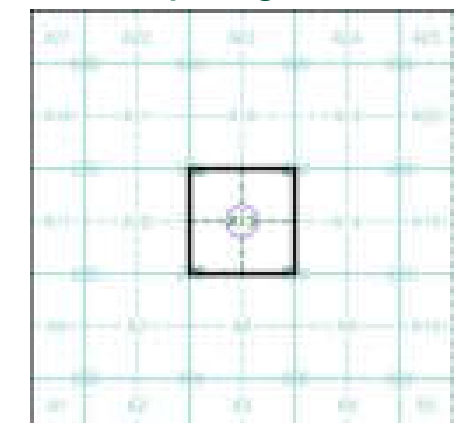
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

300831256	1982
1:2,500	1982
1:2,500	1982
300831256	1982
1:2,500	1982
1:2,500	1982

Historical Map - Segment A13

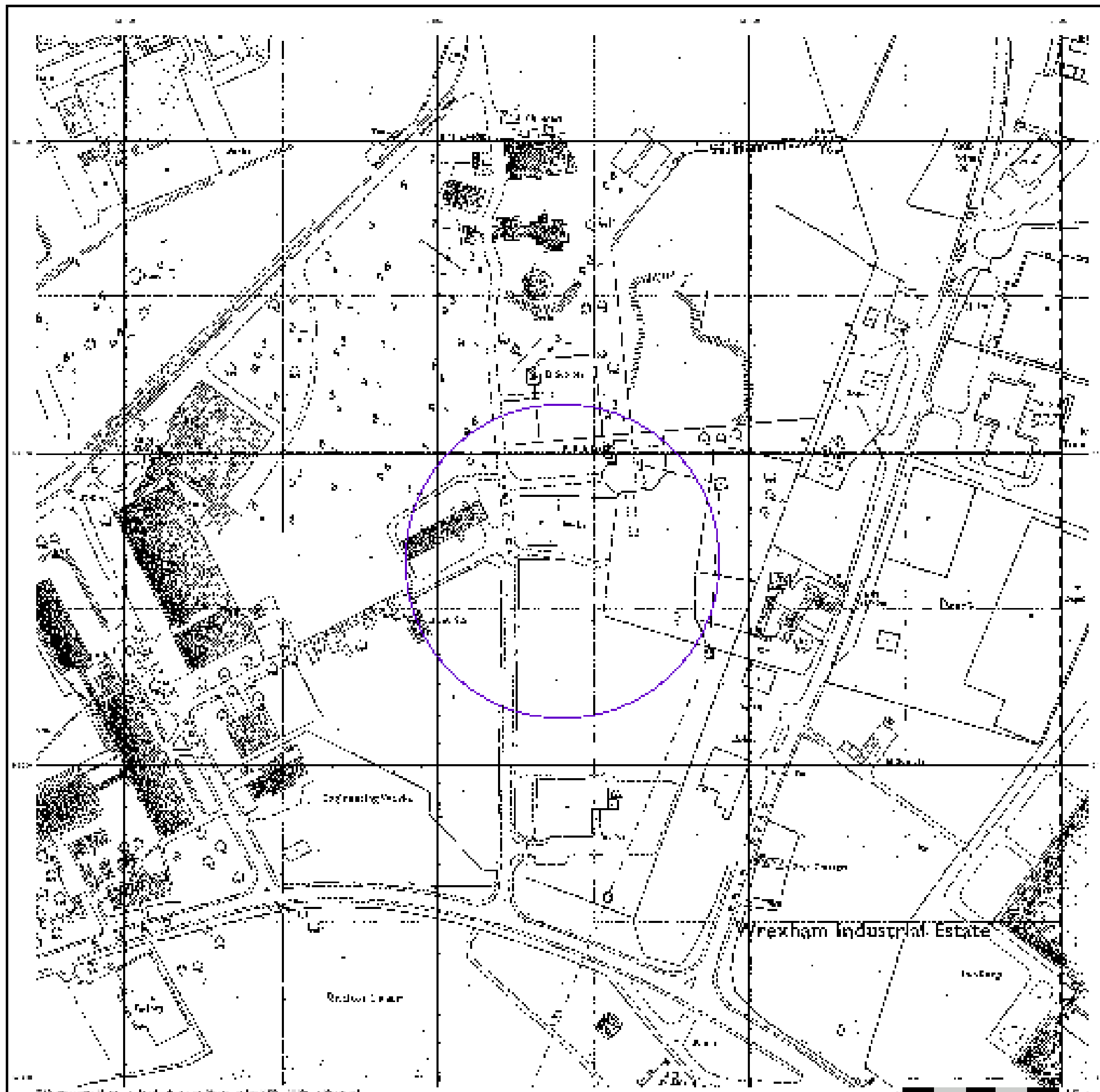


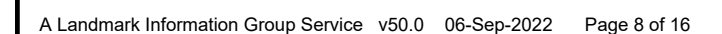
Order Details

Order Number: 300831256_1_1
 Customer Ref: R3117
 National Grid Reference: 338680, 349730
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 100

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF





Additional SIMs

Published 1989

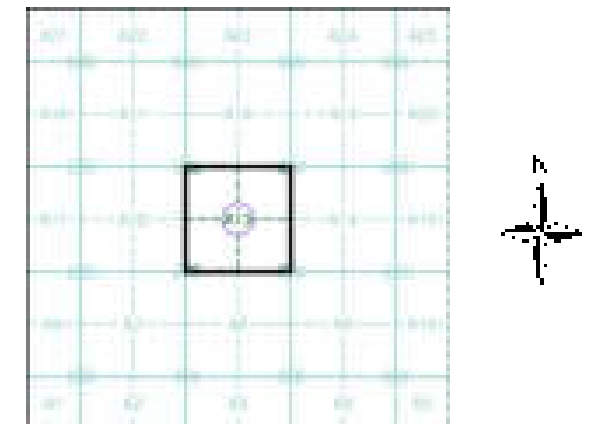
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Additional SIMs

Published 1990

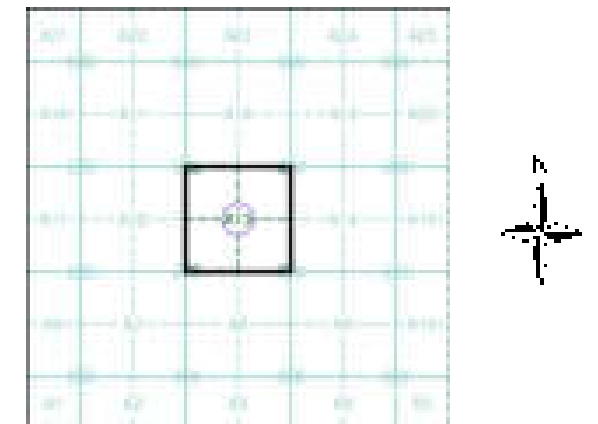
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South,
WREXHAM, LL13 9RF

Ordnance Survey Plan

Published 1992

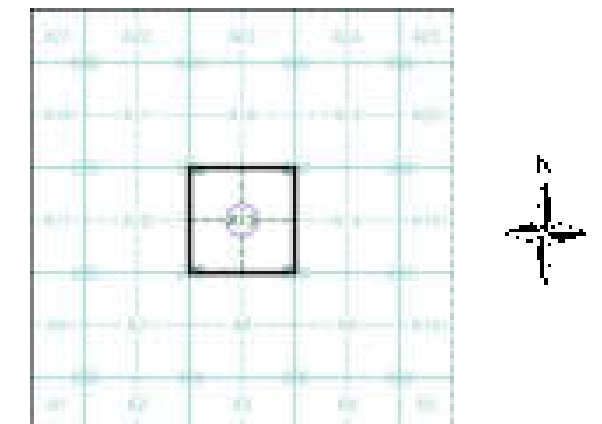
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

OS Grid Ref 10 40 10 10 40 10	OS Grid Ref 10 40 10 10 40 10
10 40 10 10 40 10	10 40 10 10 40 10

Historical Map - Segment A13

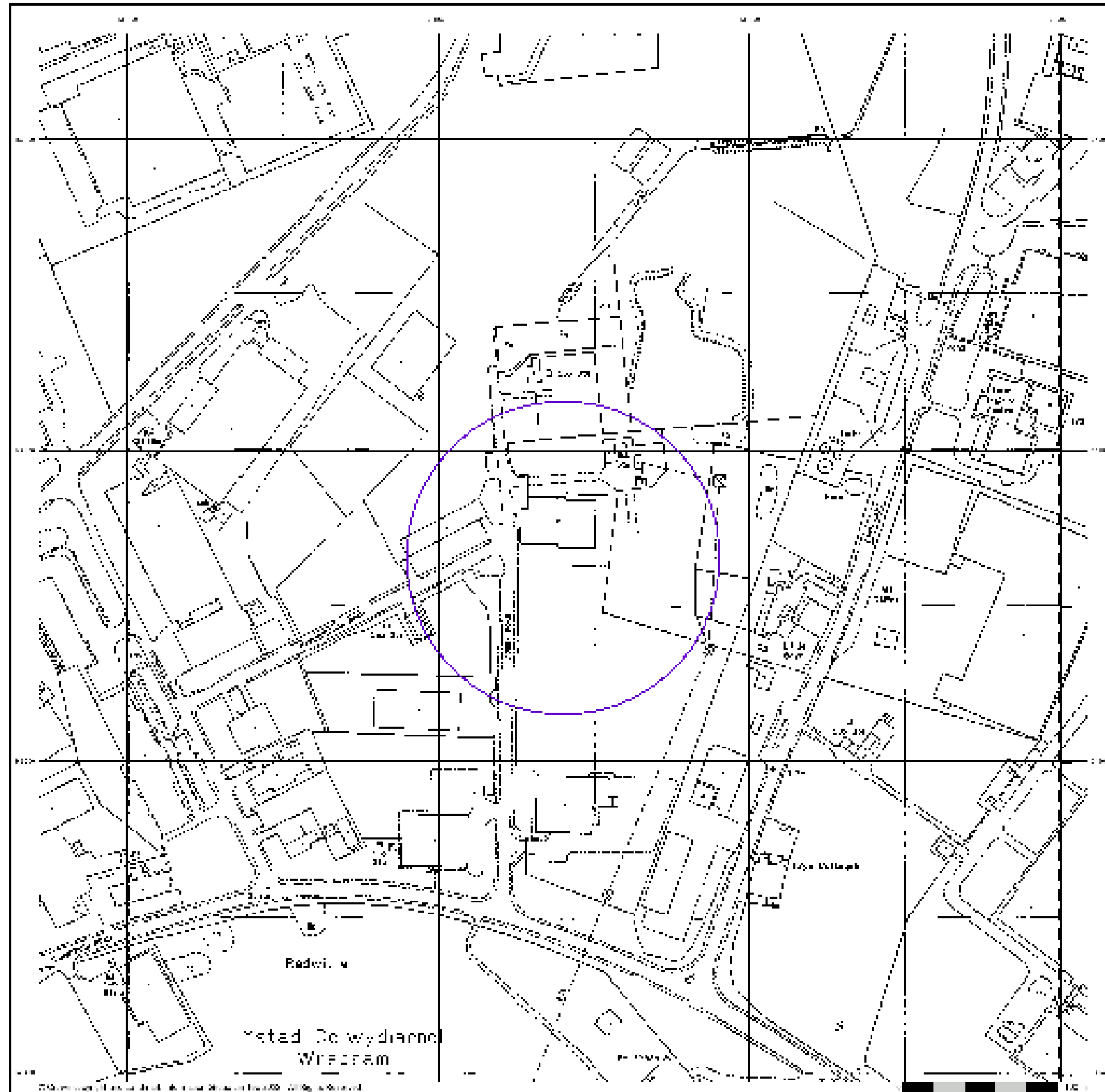


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South,
WREXHAM, LL13 9RF



Large-Scale National Grid Data

Published 1992

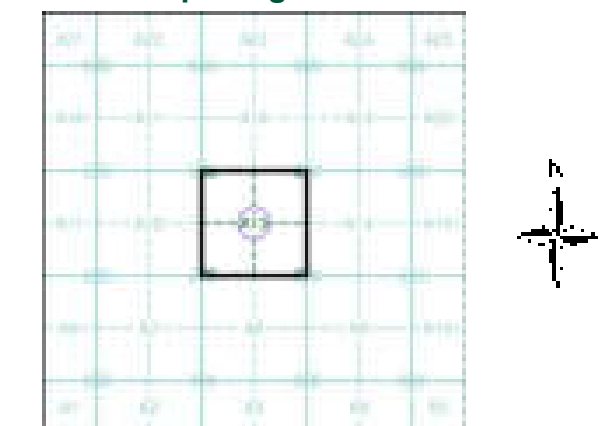
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

000001 1:2,500 1:2,500	000002 1:2,500 1:2,500
000003 1:2,500 1:2,500	000004 1:2,500 1:2,500

Historical Map - Segment A13



Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Large-Scale National Grid Data

Published 1993 - 1994

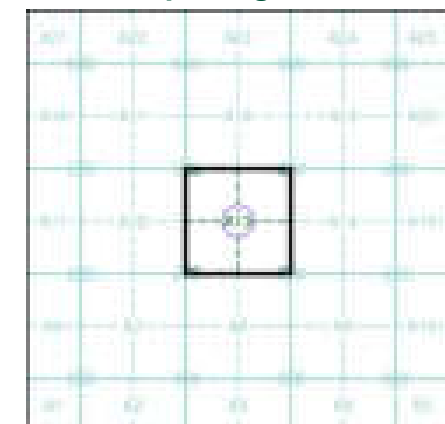
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

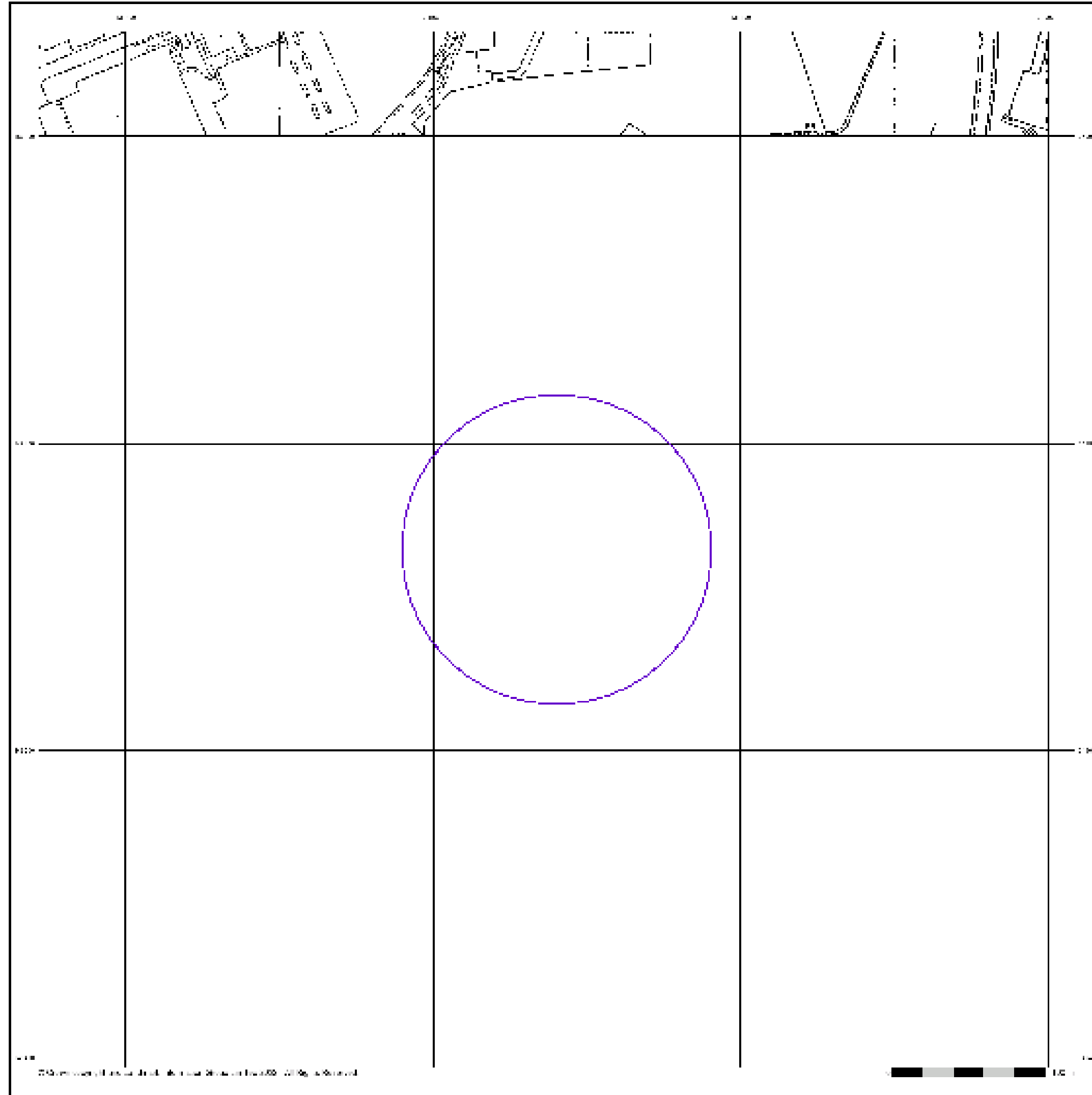


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South,
WREXHAM, LL13 9RF



© Crown Copyright and Landmark Information Group Ltd. All Rights Reserved.

Large-Scale National Grid Data

Published 1994

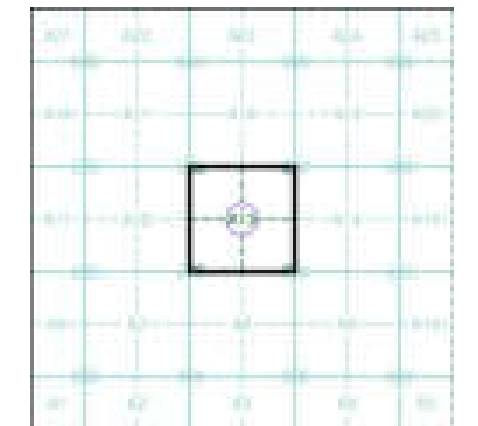
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

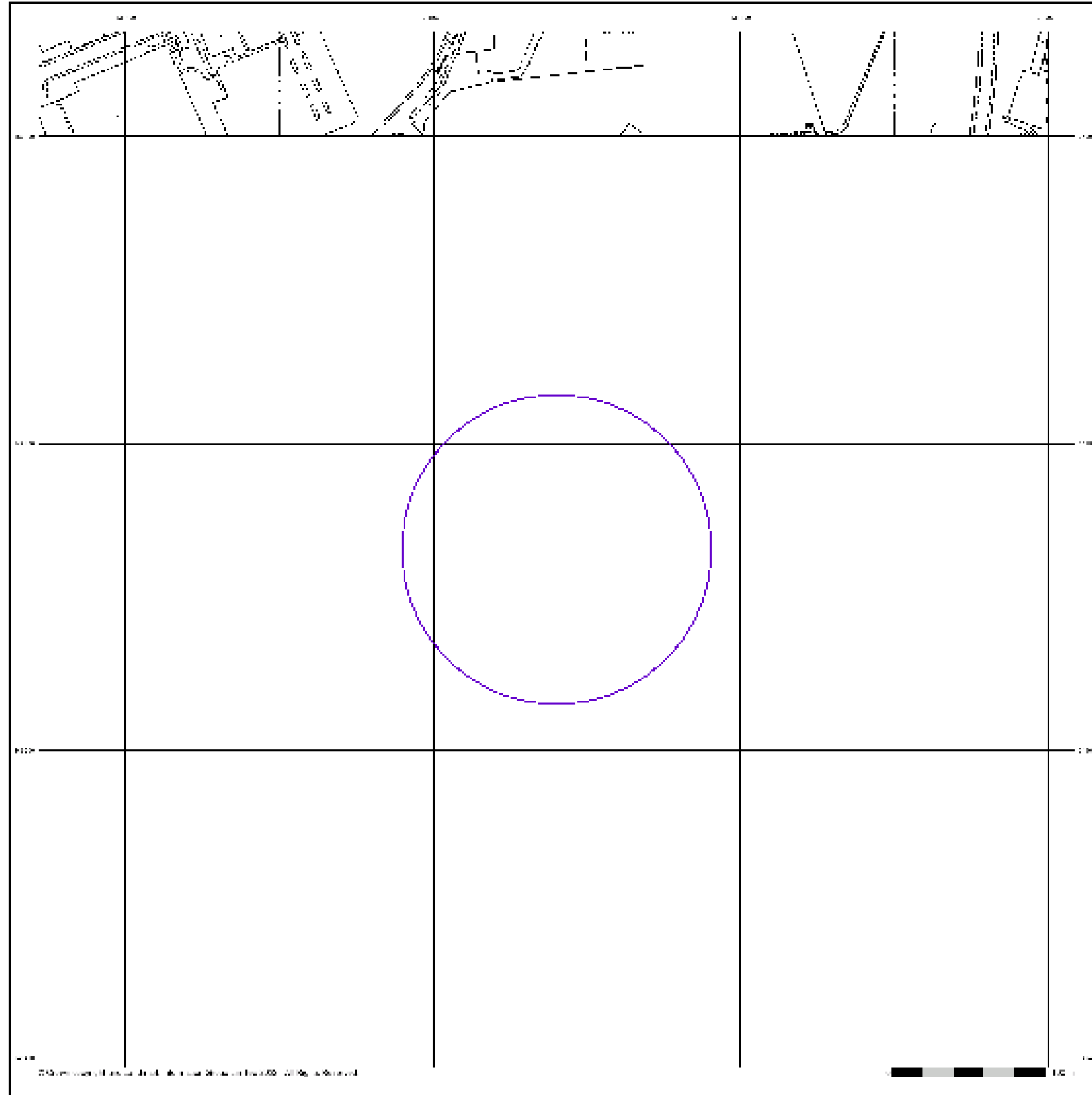


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF



© Crown Copyright and Ordnance Survey. All Rights Reserved.

Large-Scale National Grid Data

Published 1995

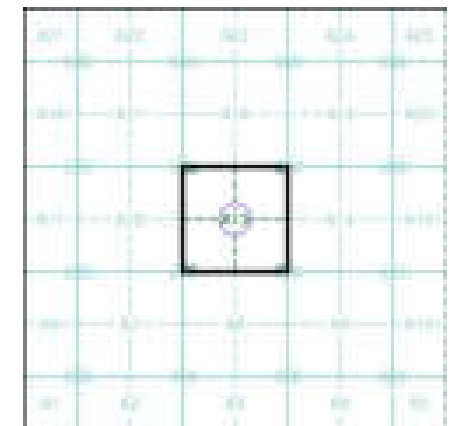
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

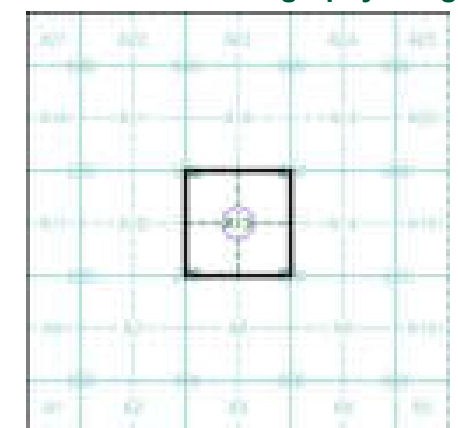


Historical Aerial Photography

Published 2003

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

Historical Aerial Photography - Segment A13

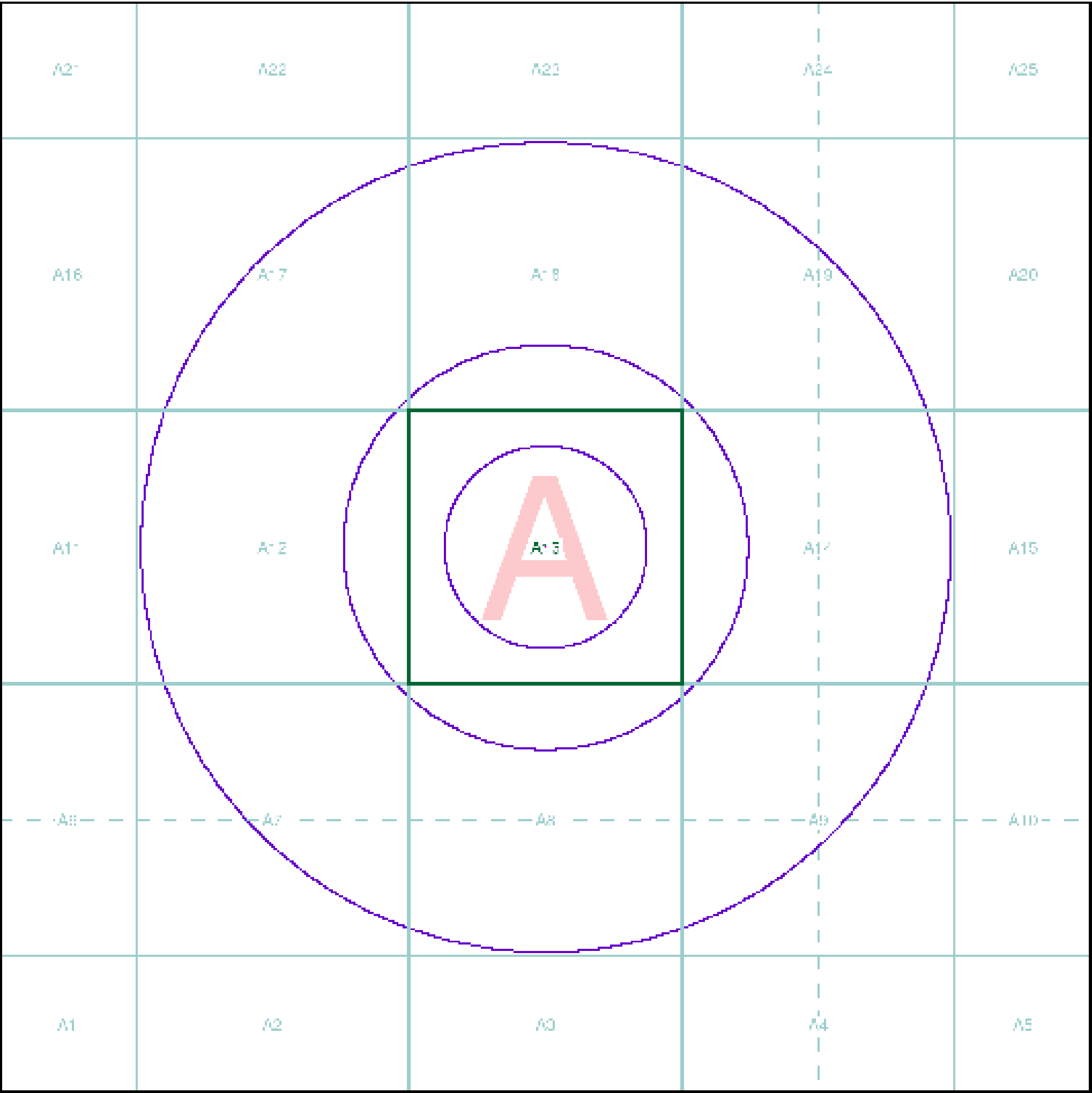


Order Details

Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South,
WREXHAM, LL13 9RF



Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant
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 plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details
Mr D Wayland, Smith Grant Partnership, Bryn Estyn Business Centre (Suite 16), Bryn Estyn Road, Wrexham, LL13 9TY

Order Details
Order Number: 300831256_1_1
Customer Ref: R3117
National Grid Reference: 338680, 349730
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details
Sensational Deal Ltd, Bay 1 At, Unit 108, Abbey Road South, WREXHAM, LL13 9RF

Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>

APPENDIX D

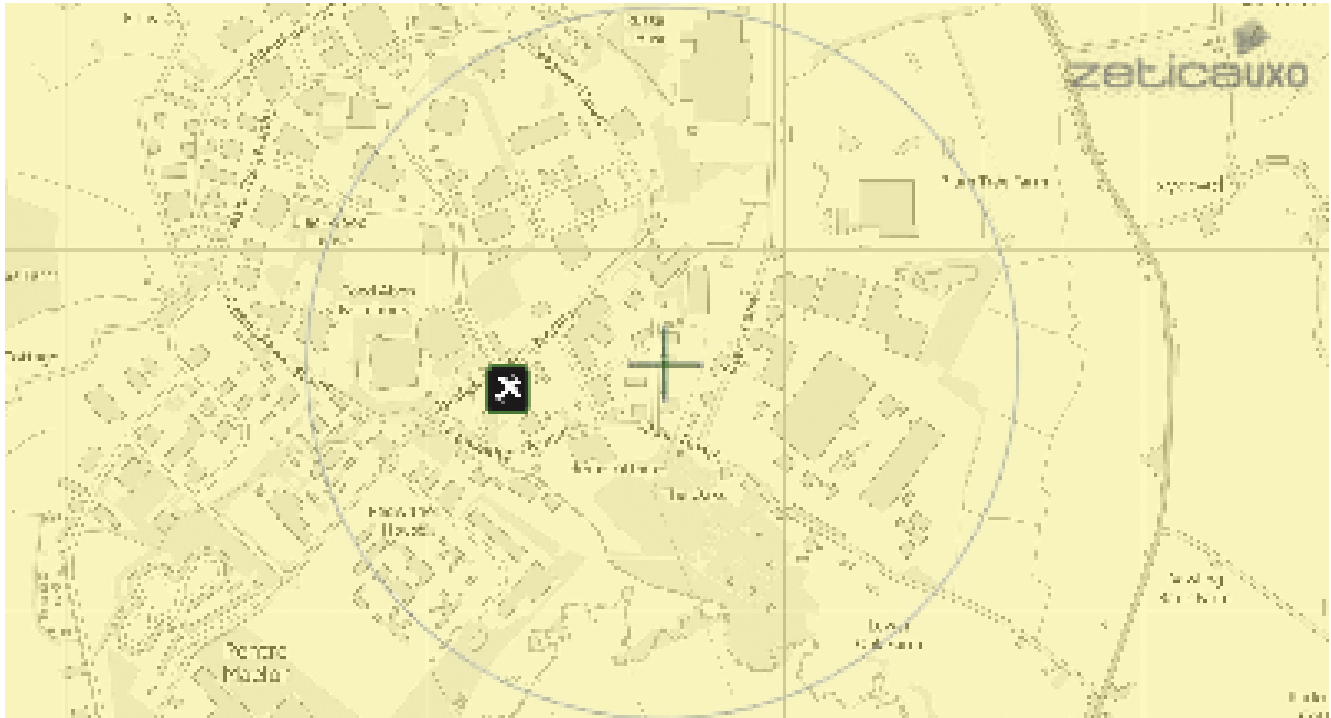
UXO Screening Report

UNEXPLODED BOMB RISK MAP



SITE LOCATION

Map Centre: 338669,349690



LEGEND

- High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- Low:** Areas indicated as having 15 bombs per 1000acre or less.

- military**
- industry**
- UXO find**
- transport**
- dock**
- Luftwaffe targets**
- utilities**
- Bombing decoy**
- other**

How to use your Unexploded Bomb (UXB) risk map?

The map indicates the potential for Unexploded Bombs (UXB) to be present as a result of World War Two (WWII) bombing.

You can incorporate the map into your preliminary risk assessment* for potential Unexploded Ordnance (UXO) for a site. Using this map, you can make an informed decision as to whether more in-depth detailed risk assessment* is necessary.

What do I do if my site is in a moderate or high risk area?

Generally, we recommend that a detailed UXO desk study and risk assessment is undertaken for sites in a moderate or high UXB risk area.

Similarly, if your site is near to a designated Luftwaffe target or bombing decoy then additional detailed research is recommended.

More often than not, this further detailed research will conclude that the potential for a significant UXO hazard to be present on your site is actually low.

Never plan site work or undertake a risk assessment using these maps alone. More detail is required, particularly where there may be a source of UXO from other military operations which are not reflected on these maps.

If my site is in a low risk area, do I need to do anything?

If both the map and other research confirms that there is a low potential for UXO to be present on your site then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

A low risk really means that there is no greater probability of encountering UXO than anywhere else in the UK.

If you are unsure whether other sources of UXO may be present, you can ask for one of our **pre-desk study assessments (PDSA)**

If I have any questions, who do I contact?

tel: **+44 (0) 1993 886682**

email: **uxo@zetica.com**

web: **www.zeticauxo.com**

The information in this UXB risk map is derived from a number of sources and should be used in conjunction with the accompanying notes on our website: (<https://zeticauxo.com/downloads-and-resources/risk-maps/>)

Zetica cannot guarantee the accuracy or completeness of the information or data used and cannot accept any liability for any use of the maps. These maps can be used as part of a technical report or similar publication, subject to acknowledgment. The copyright remains with Zetica Ltd.

It is important to note that this map is not a UXO risk assessment and should not be reported as such when reproduced.

*Preliminary and detailed UXO risk assessments are advocated as good practice by industry guidance such as CIRIA C681 'Unexploded Ordnance (UXO), a guide for the construction industry'.

APPENDIX E

EHO Correspondence

Megan Jones
Smith Grant LLP
Bryn Estyn Business Centre
Bryn Estyn Road
Wrexham
LL13 9TY

Eich Cyf/Your Ref
Ein Cyf/Our ref
Dyddiad/Date
Gofynner am/Ask for
Rhif Cyswllt/Contact No
E-bost/E-mail

Search 1046
15 September 2022
Angela Guy
01978 298771
contaminatedland@wrexham.gov.uk

BY EMAIL ONLY

ENVIRONMENTAL SEARCH – LAND TO SOUTH OF CLYWD PLASTICS, WREXHAM INDUSTRIAL ESTATE

Dear Ms Jones

Further to your email dated the 13 September 2022 I can provide the following comments.

The Contaminated Land Team does not yet have a comprehensive database of historic land use or contamination. However the limited information available to this Team includes some information on the use of the land to the south of Clywd Plastics as a Royal Ordnance Factory (ROF). A summary of the limited records held by this Team is as follows:

- i. The Royal Ordnance Factory (ROF) was the largest explosives factory in the area.
- ii. The site covered an area over 1400 acres and was served by its own railway.
- iii. It became operational in 1941, about a year after the facility was constructed. It consisted of a number of production buildings, widely spaced to minimise any damage should an accidental explosion occur.
- iv. Two units were built for the manufacture of solventless cordite also known as Cordite W.
- v. Operation of the ROF ceased on 11 August 1945. Shortly after the war the site was sold for development as an Industrial Estate.
- vi. Cordite is produced by the incorporation of Nitrocellulose (NC (guncotton) with Nitroglycerine (NG) in the presence of a solvent to assist gelatinisation, although at Wrexham Carbamite was introduced as a suitable stabiliser instead of solvents. The cordite produced at Wrexham was 'flashless', produced by the inclusion of a large proportion of finely divided Nitroguanidine (Pircrite).
- vii. Further information of contamination issues associated with the manufacture of explosives is contained in the Environment Agency document 'Land Contamination: Technical Guidance on Special Sites: Explosive Manufacturing & Processing Sites' Research & Development Technical Report P5-042/TR/03, dated June 2001.

The former Department of Industry Profiles and CLR8 identify historical munitions sites as land that may have ground contamination.

As you've mentioned some land in the vicinity was impacted by PCBs, therefore this is a potential contaminant of concern for this site too. There is a PCB cell approximately 67m to the northwest of the site, this contains soils from remedial works that took place on the surrounding land approximately 30 years ago, the remediation level was 20ppm. Above this and below 1% soil was excavated and placed in the landfill and soils contaminated above 1% were removed for off-site incineration. I have not been able to find any plans that show the areas remediated. Information from the (former) EAW provided to the Council on the site is detailed at the end of this letter (there were two entries under COPA landfill data).

I trust you have a copy of a report prepared by Katrina in April 2009, the reference is R1303-R01, this was regarding the adjacent Abbey Road Depot and the former process (acid) drain and electricity sub-station, I can provide a copy if required. I can also provide a number of reports on adjacent land, please see the accompanying emails to this response.

It should be noted that some sites on the Industrial Estate have had ground contamination issues assessed, these have mainly been the result of a planning condition requiring a contamination assessment for the development of the site. Some assessments showed no contamination to be present, whilst others showed some contamination that has required remediation measures for its safe development. In many of these cases the contamination was not necessarily due to the sites former use as a ROF but by subsequent operations/industry on the site and/or due to made ground.

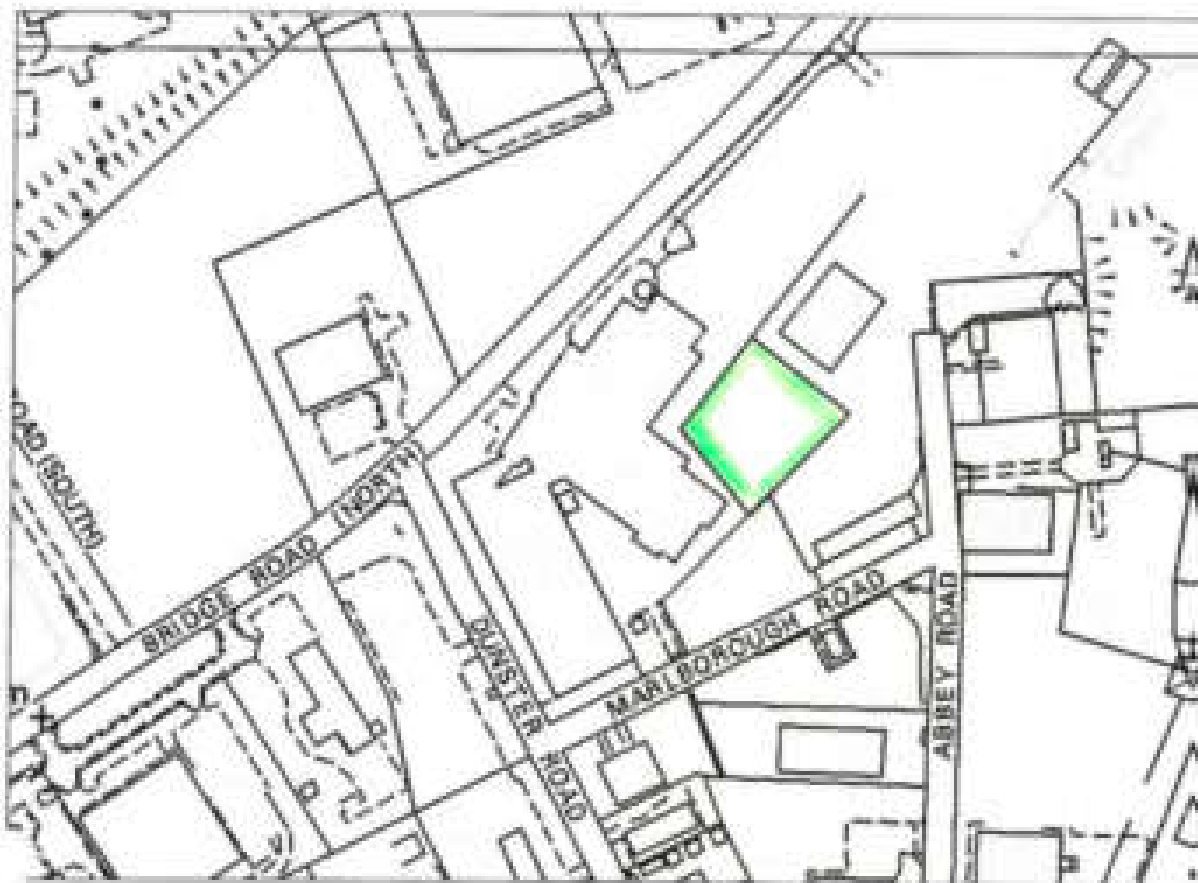
The Contaminated Land Team is not aware of any pollution issues associated with the site e.g. leaks or spills of any oil/chemical substances having occurred at the site.

Should you have any further queries please do not hesitate to contact me.

Yours sincerely



Ms Angela Guy
Contaminated Land Officer



PRE_POST: POST76

DB_QA: Y

POLY_QA: Y

DIGITISED: Digitised Boundary

FINALINPUT: 30/06/1987

SURRENDERED:

PASSIVEMIG: N/K

ACTIVEMIGR: N/K

EXTRACTION: N/K

PASSIVEVEN: N/K

INERT_: 0

INDUSTRIAL: 0

HOUSECOM_: 0

SITENAME: PCB CELL NO 1

SITEREF: 6955/0063

NOTES_1: Contains PCB contaminated soils, 20-10,000 ppm. Previous licence no: 44. Unk

NOTES_2: ions between 1% and 20ppm.

NOTES_3:

SITENAME: PCB CELL NO. 2

SITEREF: 6955/0012

NOTES_1: Site is closed. Contains PCB contaminated soils, 10-20,000 ppm. Previous licen

NOTES_2:

The current active landfill data (after COPA) provided to the Council from EAW in c. 2002 has two entries as follows:

REGION: Wales
EA_AREA: Northern
T_REF: W628
REGIS_CODE: WMBC L44a
SITEREF:
LIC_WML: 37,011
LIC_LTYPE: A04
OPERATOR: W D A
SITENAME: W D A - Formerly Erie Electronic 2
REGION: Wales
EA_AREA: Northern
T_REF: W606
REGIS_CODE: WMBC L44
SITEREF:
LIC_WML: 37,009
LIC_LTYPE: A04
OPERATOR: W D A
SITENAME: W D A - Formerly Erie Electronic 1

Should you have any further queries please do not hesitate to contact me.

Yours sincerely



Ms Angela Guy
Contaminated Land Officer