

# Caulmert Limited

Engineering, Environmental & Planning  
Consultancy Services

ADRA

**Development at the Former Rhos Street School , Rhos Street, Ruthin**

**PHASE I GEO-ENVIRONMENTAL DESK STUDY REPORT**

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## 1.0 INTRODUCTION

### 1.1 Details of Commission

- 1.1.1 Caulmert Ltd were commissioned by Adra (“the Client”) to undertake a geo-environmental appraisal of a site known as the former Rhos Street School, Rhos Street, Ruthin (“the Site”).
- 1.1.2 The Site covers an area of 0.55Ha and is currently unused. The Site is being considered for residential development.
- 1.1.3 This report comprises the findings from a desk-based study (using third party information) and a site walkover. Third party information was procured from the following sources:
- i. A review of an Envirocheck report (Appendix 2), including geological and environmental data.
  - ii. Information obtained from online sources from the British Geological Survey and Natural Resources Wales website.

### 1.2 Limitations of this Study

- 1.2.1 This report is solely for the use of the Client and should not be relied upon by third parties without prior written consent from Caulmert.
- 1.2.2 Information used within this report has been gathered from data sets compiled by third party organisations and purchased on behalf of the Client. The validity and accuracy of this third-party information is outside the control of Caulmert.
- 1.2.3 Interpretation and recommendations contained within this report should not be assumed valid for adjacent areas of land or alternative land uses and are based upon the proposed layout provided to Caulmert at the time of compiling this report.

### 1.3 Objectives of Report

- 1.3.1 The objective of this report is to complete an assessment of potential environmental and geotechnical liabilities associated with the proposed redevelopment of the site.

### 1.4 Scope of Report

- 1.4.1 The scope of works consists of the following:
- A review of third-party information.
  - A site walkover assessment looking a potential geotechnical and environmental risks (internal inspection of the buildings was not available at the time of this investigation);
  - An assessment of potential sources of pollutants on the site and in the immediate surrounding area.

- Derivation of a preliminary conceptual site model (CSM) identifying potential sources, pathways and receptors of contaminants.
- and recommendations for intrusive investigations (as necessary).

## **1.5 Previous Investigations**

1.5.1 Caulmert is unaware of any previous investigations or reports linked to this site.

## 2.0 SITE LOCATION AND DESCRIPTION

### 2.1 Site Location and Description

2.1.1 The Site is located approximately 300m southeast of Ruthin town centre, at National Grid Reference of 312867, 358208 .

2.1.2 A Site location plan is provided as Figure 1, with red line boundary around the site area.



**Figure 1: Location plan of site with red line boundary**

2.1.3 The Site is roughly rectangular in shape and occupies an area of 0.55Ha. The Site is accessed from Rhos Street to the north of the site.

2.1.4 The boundaries of the Site are defined by residential dwellings to east, Rhos Street and residential dwellings to the north, residential dwellings and hospital car park to the west and Ruthin Community Hospital to the south.

2.1.5 The Site area has been developed through the creation of level development platforms within the surrounding sloping ground which has created height differences in the region of c. 0.7m-1.6m(see site walkover photographs in Appendix A for further detail). Therefore, there are a number of retaining walls present onsite.

2.1.6 A summary of the Site's current uses, and that of its surroundings, from available information is presented in Table 2.1.

**Table 2.1: Site Description**

Site Location		
OS Map Reference	312867, 358208	
Site Area	0.55Ha	
Site Setting / Description	Current Land Use	Unused (former school)
	Surrounding Area	North: Rhos Street and residential housing
		East: Residential housing and school
		South: Ruthin Community Hospital
		West: Residential housing.

## 2.2 Site Walkover Survey

- 2.2.1 A site walkover survey was completed by a Caulmert Engineer on the 24<sup>th</sup> December 2020. The site walkover comprised of an external inspection of the site and buildings, no access to the buildings was available at the time of this investigation.
- 2.2.2 A summary of the observations made during the site visit are presented in Table 2.2 below. Photographs from the site walkover are included in Appendix 2.

**Table 2.2: Summary of Observations from the Site Walkover Survey**

Observations	Comments
Buildings and Structures	<p>The main school building occupies the centre of the site and appears to comprise a 19<sup>th</sup> century stone building with a pitched roof, with a later 20<sup>th</sup> century extension. A playground surrounds the school building to the south, west and north. A further single storey brick 'community' building is located in the east of the site with a small brick substation. The majority of the site is covered in asphalt hardstanding. A car park is located in the south of the site accessed via an asphalt road in the east.</p> <p>A retaining wall supports the playground above Rhos Street in the north, with three shuttered/boarded 'window' type openings noted, suggesting a basement/undercroft feature. No evidence of an access point was noted in the playground.</p>
Topography	The general topography slopes down from east to west by approximately 2m. The site also slopes from the north up to the south by approximately the same. However, the site itself



	is generally level, development platforms have been created and the site is supported by a number of small retaining walls.
Site Access and Security	The site is currently accessed of Rhos Street via a locked gate from a shared access road with the adjacent residential dwellings. The site is generally surrounded by a mixture of low stone walling or wooden fencing. However, temporary 'herras' type security fencing currently secures the site.
Services	A foul drainage system appears to link into the main sewer within Rhos Street along with a surface water drainage system. A substation is located in the east of the site and it is understood that the site is connected to the potable water supply.
Vegetation	Limited vegetation onsite, peripheral grass around car parking.
Invasive Species	None identified.
Surface Water Features	None identified.
Potential Contaminative Sources (on site)	None.
Potential Contaminative Sources (off site)	None.
Other Information	None.

## 2.3 Site History

- 2.3.1 Historical maps from the Ordnance Survey (OS) dating from 1875 to 2020, procured from *Envirocheck* (order number 270678250\_1\_1), were reviewed in compiling this desk study. The maps are presented within the *Envirocheck* report included in Appendix 1, with key extracts presented in Figures 2A-F.
- 2.3.2 The map extract dated 1875, see Figure 2A, shows the site to be part of a school and school playground/playing fields. 40m east is the Union Workhouse. A railway line is positioned c.200m west of the site boundary and a gas works c. 400m north west. The surrounding areas comprise of agricultural fields and residential housing.

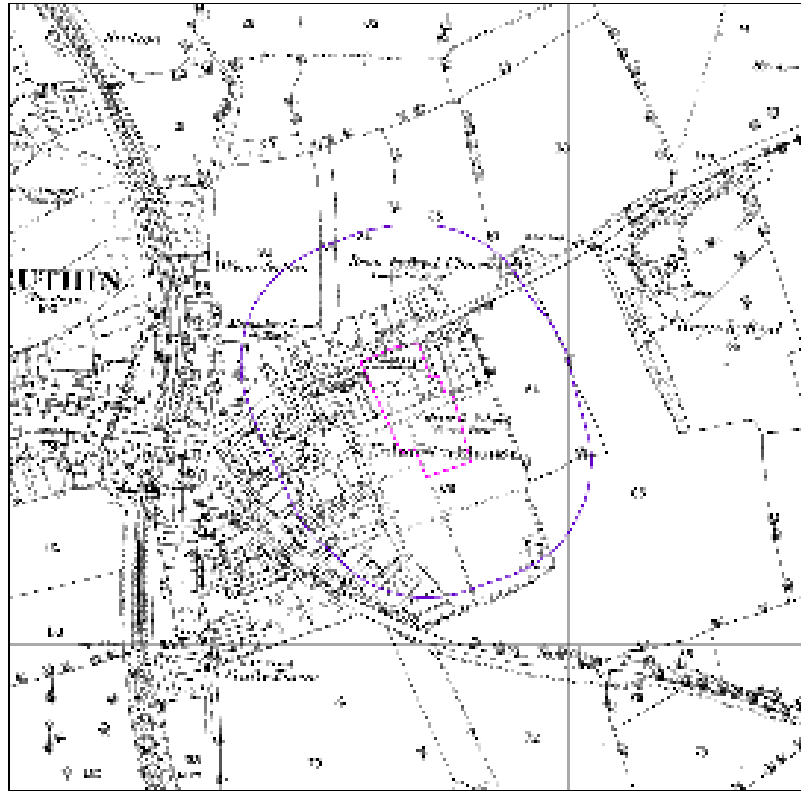


Figure 2A: Map Extract 1875

2.3.3 By 1900 (Figure 2B), the western end of the school building has had a small extension.

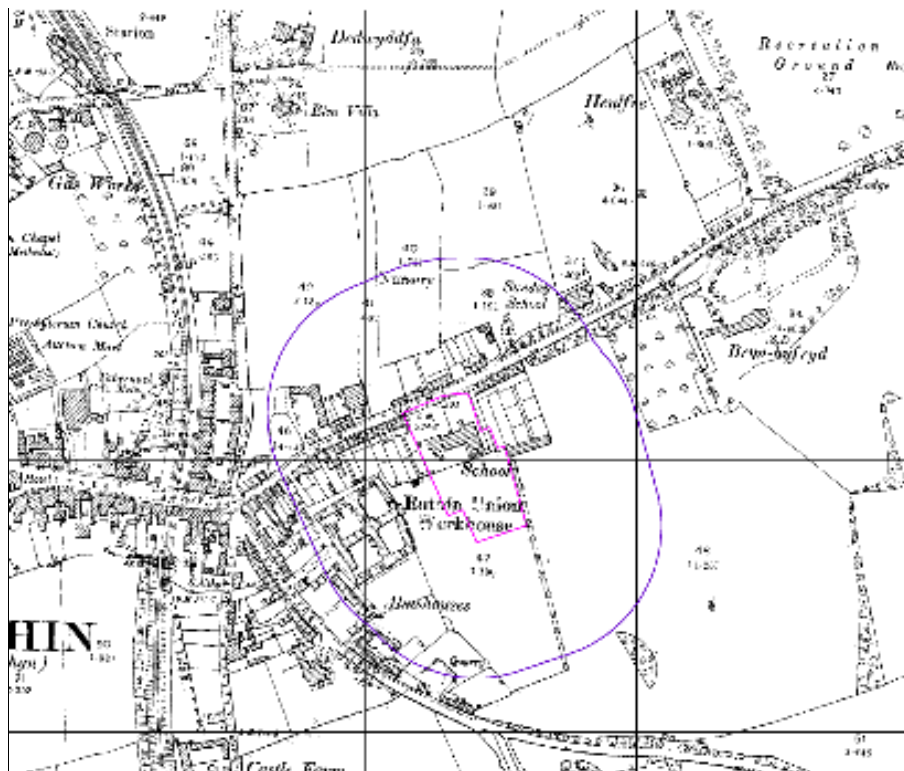
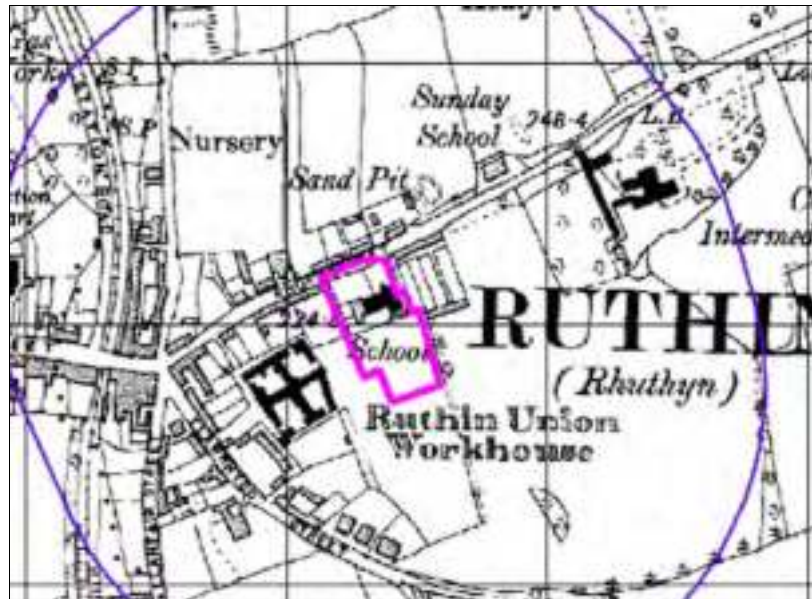


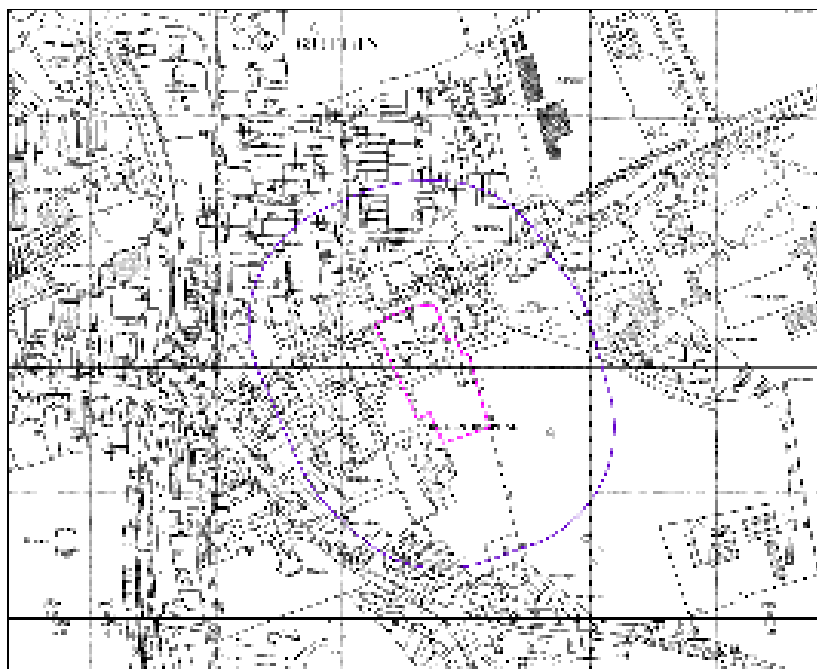
Figure 2B: Map Extract 1900

- 2.3.4 The 1914 map extract shows a plant nursery to be c.50m north west and a sandpit c.80 north east.



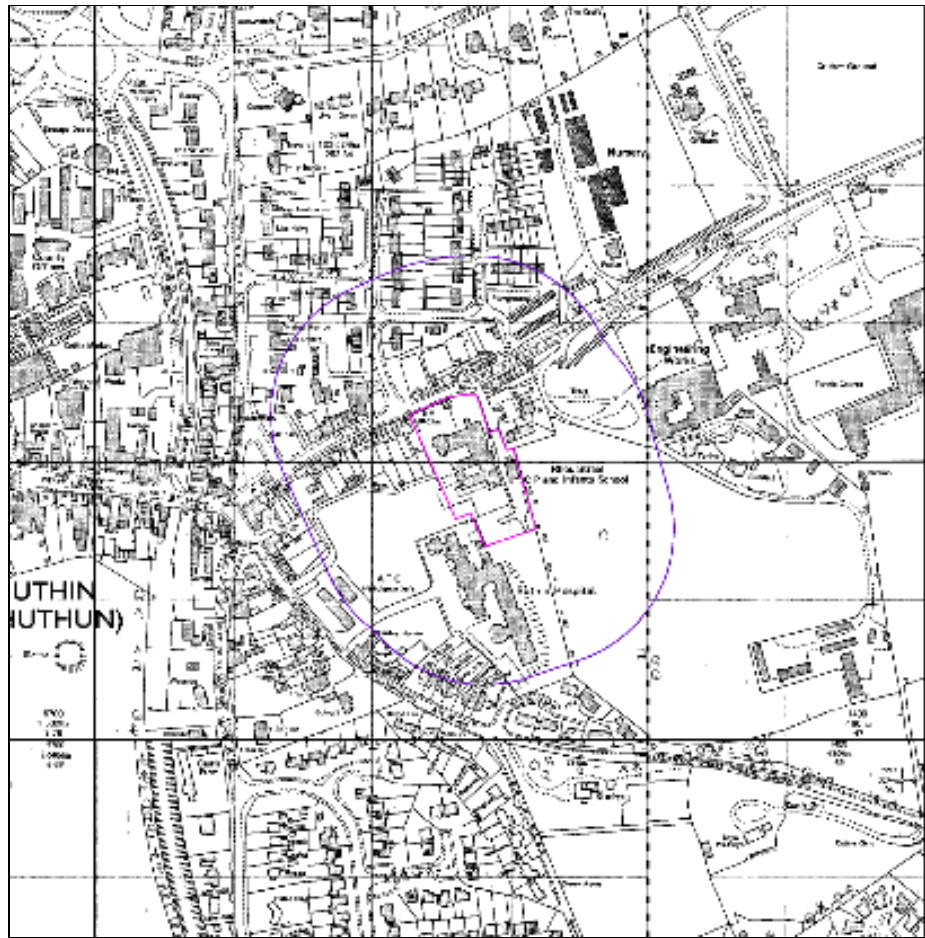
**Figure 2C: Map Extract 1914**

- 2.3.5 The 1969 map extract shows a new building along the eastern site boundary that the Ruthin Union Workhouse has been replaced by Ruthin Hospital. An engineering works is present c.100m east and a plant nursery is present c.200m north east. The sand pit 50m north east has been infilled and has a playground overlying it. The gas works to the north west have now gone and have been replaced by a storage depot and offices. Significant housing development has taken place to the north of the site.



**Figure 2D: Map Extract 1969**

- 2.3.6 The map extract dated 1975-1984 shows that the school within the site boundary has extended to the south. Ruthin Hospital has also extended to the south.



**Figure 2E: Map Extract 1975-1984**

- 2.3.7 No further significant changes have been identified on the remaining historical maps. To view all historical maps, refer to Appendix 1.

**Table 2.3: Potentially Contaminating Land Uses**

<b>On-site History (activities within the red-line Site boundary)</b>		
<b>Potentially Contaminative Past Uses</b>	<b>Map Date</b>	
	<b>From</b>	<b>To</b>
Made ground used to raise site level	Unknown	Present
Made ground construction of school building	Pre 1875	Present
<b>Non-Contaminative Past Uses</b>		
Playing fields	Pre-1875	Pre 1969
Primary School	Pre-1875	Present
<b>Off-site History (activities within 500m of the red-line Site boundary)</b>		
<b>Potentially Contaminative Past Uses</b>		
Construction materials from surrounding buildings and roads	Pre 1875	Present
Filling in of sand pit	Post 1912	Pre 1969
Gas Works (later a depot)	Pre 1875	Pre 1994

## 2.4 Geology

2.4.1 The British Geological Survey (BGS) online geological maps (1:50,000) indicates that there is no superficial deposit cover in the area of the site. However, the north of the site is shown as 'Artificial Ground- Made Ground'. It is assumed that this is associated with the creation of the development platforms for the construction of the school.

2.4.2 The bedrock underlying the Site is that of the Kinnerton Sandstone Formation, generally consisting of fine to medium grained cross-stratified sandstone (predominantly aeolian). It is likely that this strata has been exploited by the historical sand pit located to the northeast.

## 2.5 Mining

2.5.1 The *Envirocheck* report states that the Site is in an "area that might not be affected by coal mining". There are no coal bearing strata at shallow depth below the site. It is therefore concluded that the risk from historical coal mining is negligible.

2.5.2 The *Envirocheck* further states that there is "no hazard" in terms of non-coal mining activity. However, the presence of the 'sand pit' suggests that the Kinnerton Sandstone may have been worked for local building use.

## **2.6 Ground Stability**

- 2.6.1 The *Envirocheck* report states that there is very low risk of collapsible and compressible ground and no hazard for potential ground dissolution on and around the site boundary. There is no hazard for running sand.

## **2.7 Hydrogeology & Hydrology**

- 2.7.1 The nearest mapped surface water feature is the river Clwyd approximately 655m west of the site boundary.
- 2.7.2 The bedrock has been classified as a 'medium vulnerability Principal Aquifer' which has been stated by the Environment Agency as being "layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale. In most cases, principal aquifers are aquifers previously designated as major aquifer".
- 2.7.3 The site is not within a source protection zone.

## **2.8 Ground Gas**

- 2.8.1 There is one historical landfill site within 500m which is located 352m south west of the site. Waste included inert and industrial waste. The last input was 21<sup>st</sup> December 1993. There is significant development (including residential) between the source and the Site and therefore it is unlikely to be a significant ground gas source.
- 2.8.2 The *Envirocheck* report indicates the Site is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). No radon protective measures are necessary in the construction of new dwellings or extensions.

### 3.0 INFORMATION FROM THIRD PARTIES

#### 3.1 Environmental Database

3.1.1 An *Envirocheck* assessment report was procured (ref: 270678250\_1\_1) and is presented as Appendix 1. The pertinent information from the report is presented in Table 3.1.

**Table 3.1: Summary of Environmental Information**

Reference	Description
<b>Agency and Hydrological</b>	
BGS Groundwater Flooding Susceptibility	The site is not within an area with potential for groundwater flooding of property situated below ground level.
Discharge Consents	There have been 1 discharge consent located within a 500m radius of the Site which is located 361m north west. The discharge type is unknown with the receiving water being an unnamed tributary of the river Clwyd.
Prosecutions Relating to Controlled Waters (potentially harmful discharges to public sewers)	None recorded within 500m of the Site.
Local Authority Pollution Prevention and Controls (legislation governing certain industrial activities and their impact on the environment)	There are 3no within 500m of the site boundary which have been associated with <ul style="list-style-type: none"> <li>- E.G. Atkinson &amp; CoRhos Street Garage (authorisation revoked) 31m north</li> <li>- White Bear Garage (authorisation permitted) 156m west</li> <li>- White Bear Garage (authorisation revoked) 172m south west</li> </ul>
Nearest surface water feature	River Clwyd approximately 655m west
Pollution Incident to Controlled Waters (National Incident Recording System, List 1 & 2)	None recorded within 500m of the Site.
Extreme Flooding from Rivers or Sea without Defences	The site is not at risk of extreme flooding from rivers or sea without defences.

<b>Waste</b>	
Licensed Waste Management and Landfill Sites	<p>None recorded within 500m of the site.</p> <p>There is one historical landfill site within 500m, located 352m south west of the site. Waste included inert and industrial waste. The last input was 21<sup>st</sup> December 1993. The site is down gradient of the site and unlikely to be a significant contamination risk to the Site.</p>
<b>Industrial Land Use</b>	
Potentially Contaminative Activities (list of commercial/industrial premises close to site with potential for contamination)	<p>24no. inactive and active industrial land uses have been recorded within a 500m radius of the Site which include industries such as garage services, hospitals, ceramic manufacturers, blacksmiths and forgemasters, hardware, fuel stations, car dealers, dry cleaners etc. For full list please see the industrial land use section of the <i>Envirocheck</i> report in Appendix 2.</p> <p>However, due to the proximity to site none have been identified as being a significant contamination risk to the Site.</p>
<b>Hazardous Substances</b>	
COMAH/NIHHS Sites (Dangerous or Hazardous Sites)	None recorded within 500m of the site.
Explosive Sites	None recorded within 500m of the site.
Planning Hazardous Substance (consents/enforcements)	None recorded within 500m of the Site.
<b>Sensitive Land Use</b>	
Designated Environmentally Sensitive Sites	The site is within the Clwydian range which is classified as an 'Environmentally Sensitive Area'.



#### 4.0 PROPOSED DEVELOPMENT

- 4.1.1 The Site is being considered for residential development. No development layout is currently available however it is understood that the development is likely to comprise Six 2-bed houses (including two affordable) and ten 3-bed houses.
- 4.1.2 No construction details, structural loads or site wide elevations have been received to date. It is assumed the building will be of traditional load bearing masonry wall construction.

## 5.0 RISK ASSESSMENT

### 5.1 Introduction

5.1.1 Environmental Risk has been addressed by adopting a site-specific, qualitative approach, to identify the risk of environmental harm. The guiding principle of this approach is an attempt to establish connecting links between a hazardous 'source', via an exposure 'pathway', to a potential 'receptor'. This is in accordance with the Department of the Environment, Transport and Regions (DETR) guidance on Contaminated Land and the Construction Industry Research and Information Association.

5.1.2 This assessment will identify where pollutant linkages may exist, by considering where a viable pathway may exist, which connects a potential source with a receptor. A pollutant linkage is the term used by the DETR in their standard procedure on risk assessment. If there is no pollutant linkage, then there is no risk.

5.1.3 Our risk assessment is based on the redevelopment of the site with a Residential with plant uptake end-use.

### 5.2 Preliminary Conceptual Site Model (CSM)

5.2.1 Contaminated land risk assessment is based on the development of a conceptual model for the site. This is a representation of the relationship between potential contaminant sources, pathways and receptors. A preliminary conceptual site model is based on the inferred ground conditions and environmental data obtained from existing data sources. A conceptual site model is discussed in the following sections.

### 5.3 Identified Potential Sources

5.3.1 The following potential sources of contamination have been identified from historic uses of the site and surrounding area; potential sources of contamination are summarised below:

#### *On-site Sources*

5.3.2 Potential sources of contamination associated with the historical and current activities on the site include:

- Made Ground located on-site associated with creation of development platforms and construction of the school.
- Ground gas emanating from Made Ground. No Significant depth of Made Ground anticipated, therefore ground gas risk likely to be low.

### *Offsite Sources*

5.3.3 Potential sources of contamination in the immediate site surroundings comprise:

- Mobile contaminants associated with demolition and redevelopment of the Union Workhouse.
- Mobile contaminants from former gas works/depot to the northwest. Unlikely to be a significant source to subject site which is 'up gradient' of the source'..
- Ground gas emanating from infilled sand pit to the northeast. Unlikely to be a significant source, given size, location and time since backfilling.

### *Receptors*

5.3.4 The following receptors have been identified:

- Future site users.
- Construction workers during redevelopment works.
- Controlled Waters (groundwater), Principal aquifer.
- In ground services and construction materials.

### *Pathways*

5.3.5 The following pathways link the potential contaminants with the sensitive receptors:

- Contact, ingestion and inhalation of contaminated soil and dust.
- Leaching and migration via soil mass and rock discontinuities.
- Humans: Ingestion, skin contact, inhalation of dust and outdoor air.
- Buildings: Direct contact.
- Buildings: Ingress via permeable soils and/or construction gaps.
- Underlying groundwater: Migration of leachable contaminants.
- Plant uptake.

5.3.6 The preliminary risk assessment process has identified some potential risks to site demolition and redevelopment workers. However, consideration of occupational health and safety issues is beyond the scope of this report and need to be considered separately in the Construction Phase Health and Safety Plan.

5.3.7 A CSM has been derived from the desk study and site walkover and is presented in Table 5.1.

#### **5.4 Qualitative Risk Assessment**

5.4.1 A qualitative risk assessment has been undertaken for these potential source-pathway-receptor linkages. This is based on consideration of both:

- The likelihood of an event (takes into account both the presence of the hazard and receptor and the integrity of the pathway).
- The severity of the potential consequence (takes into account both the potential severity of the hazard and the sensitivity of the receptor).

5.4.2 The risk assessment has been based on development of the site with a proposed Residential with plant up take.

**Table 5.1 Summary of Potential Pollutant Linkages (Conceptual Site Model)**

Source	Pollutant / Hazard	Receptors	Pathways to Receptor	Associated Hazard [Potential severity]	Likelihood of Occurrence	Potential Risk
On-site Made Ground - relic foundations, asbestos, demolition rubble	PAH, Heavy metals, Sulphate, Asbestos.	Construction workers	Contact, ingestion, inhalation	Effect on human health [Low-Severe]	Any risks can be mitigated by appropriate site management during construction stage. Asbestos awareness training and suitable PPE provided for construction staff. Pre-demolition asbestos survey and appropriate removal prior to demolition further reduce risk.  Any contaminated Made Ground likely to be removed or isolated beneath hardstanding and/or a clean cover system/growing medium minimising risk to future site users.	Low
		Future Site Occupiers				Low
		New in ground services and construction materials.	Direct contact	Degradation [Slight]	Any potential risks can be mitigated by use of appropriate construction materials, chemical resistant supply pipes and use of oversized service trenches and clean fill.	Low
		Controlled Waters Groundwater	Leaching via ground water	Pollution of controlled waters [Slight]	No significant mobile contaminants anticipated however this should be confirmed through intrusive investigations.	Low
On-site: Ground Gas from Made Ground.	Ground Gas.	Future Site Occupiers	Migration through soils or groundwater to indoor air.	Asphyxiation or explosion [Severe]	Limited Made Ground anticipated (generally <1m), and likely to comprise inert type materials with low gas generation potential. Installation of appropriate ground gas protection measures will mitigate any risk.	Low
		Buildings		Explosion [Severe]		Low
Offsite Ground Gas migrating from historic infilled sand pit to the northeast of site.	Ground Gas	Future Site Occupiers	Migration through soils or groundwater.	Asphyxiation or explosion [Severe]	The historic sand pit is small in plan area suggesting limited ground gas generation potential. The site is located 'up gradient' of the Site and therefore ground gas is unlikely to migrate to the site. In addition to this given the time since backfilling any potential ground gas generation potential should have peaked.	Negligible to Low.
		Buildings	Migration through service trenches,	Explosion [Severe]		Negligible to Low.

		Neighbouring Properties	pipework to indoor air.	Asphyxiation or explosion [Severe]		Negligible to Low.
Offsite sources – Historic Gasworks/Depot located to the northwest.	Spillages and leaks may have resulted in migration through ground of inorganic/organic contaminants.	Construction workers Future Site Users	Direct contact, inhalation, ingestion	Effect on human health [Moderate to Low]	The site is 'up gradient' from source and a significant distance from site. Migration of contamination is very unlikely. Any risks can be mitigated by appropriate site management during construction stage. Following re-development, the site is likely to be covered by hard surfacing thus minimising risk to future site users.	Negligible to Low
		New in ground services and construction materials.	Direct contact	Degradation [Slight]	The site is 'up gradient' from source and a significant distance from site. Migration of contamination is very unlikely. Any potential risks can be mitigated by use of appropriate construction materials/ and chemical resistant supply pipes.	Negligible to Low

## 6.0 CONCLUSIONS AND RECOMMENDATIONS

### 6.1 Conclusions

6.1.1 At this stage, the CSM constitutes a risk assessment which determines only the likelihood of a linkage being present. The preliminary CSM should be refined and revised as more site information is obtained.

6.1.2 The identification of a potential pollutant linkage does not necessarily mean that there is a risk, or that the linkage is present, but that further investigation is required to establish whether or not that risk exists. Whereby a risk is identified and verified, the potential consequence of harmful effect and the likelihood of its occurrence should then be established in order to determine whether the risk is acceptable or unacceptable.

6.1.3 The preliminary risk assessment undertaken for the site based on existing desk study data has identified:

- The site is a former (primary education) school, within a principally residential area. . The development of the school required cut and fill works due to the sloping topography and therefore some Made Ground is anticipated. The site is not located within a Coal mining area.
- The school is shown from the earliest OS historical map and appears to have been extended in the late 1980's, but other than that has not significantly changed. The Union Workhouse borders the site to the east, with an infirmary constructed in the early 20<sup>th</sup> century, this later became the Ruthin Community Hospital which still stands today, and the workhouse building became a 'Public Assistance Institute and latterly a 'care home' before its demolition in the 1960's.
- A small sand pit which was infilled is present to the northeast of the site along with an Engineering Works to the east and a former Gas Works/Depot. None of these are thought likely to significantly impact the Site. within the former garage building -to the immediate north of the current entrance. Three (oil) interceptors were also recorded to be located under the site during the site walkover.
- This review has identified the potential for Made Ground placed on site. The nature of Made Ground can be variable and typically comprises reworked site material mixed with demolition waste (potentially including asbestos), furnace or hearth ash, clinker, or material that has previously been imported onto site from an external source. As such any Made Ground may represent a potential source of contamination.
- The Kinnerton Sandstone is shown to be present at shallow depth below any Made Ground and it is anticipated that standard foundations are likely to be suitable across the majority of the site.

- 6.1.4 Potential on-site sources of contamination associated with previous site uses include the presence of Made Ground.
- 6.1.5 Potential off-site sources of leachable contaminants which could theoretically migrate onto the site via surface or ground waters are likely to be located at a higher elevation/hydraulic gradient than the subject site and are likely to be limited to the infilled sand pit and Engineering Works located to the northeast and east respectively.
- 6.1.6 The potential for ground gas associated with potential on-site and off-site sources including Made Ground is generally low to negligible. No previous gas monitoring data has been obtained and the presence and extent of any ground gas is currently unknown.
- 6.1.7 Given the historical land use of the site and the surrounding area, the perceived risk to the proposed development and the end users from any potential ground contamination is considered to be low. However, this should be confirmed through intrusive investigations.
- 6.1.8 Accordingly, it is recommended that further intrusive site investigations, (including ground gas monitoring) are undertaken prior to the redevelopment of the site, in order to assess any potential risks, and to provide geotechnical information for design purposes.

## 6.2 Recommendations

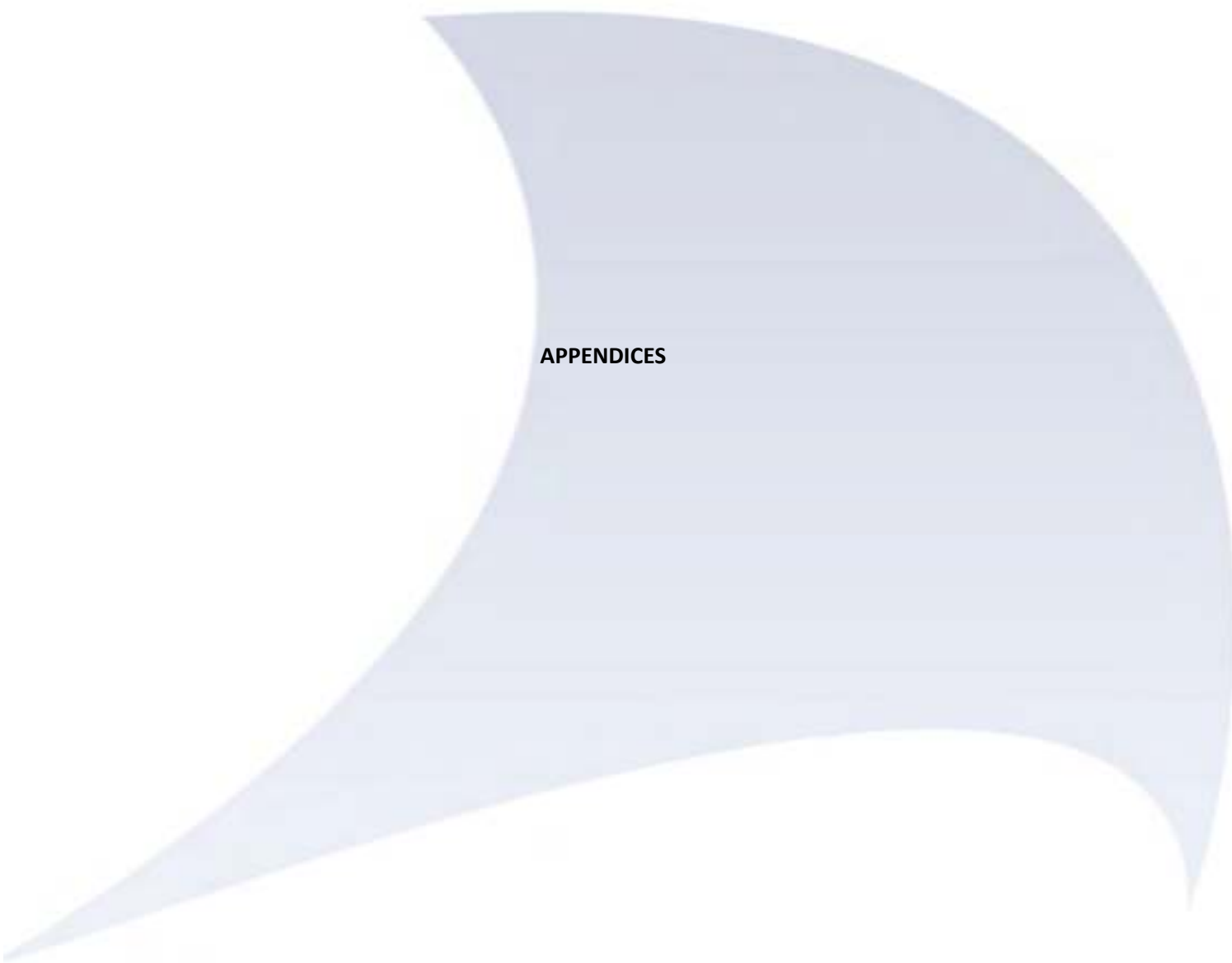
- 6.1.9 Building work is regulated under the Building Regulations 1991. Schedule 1 requires 'precautions shall be taken to avoid danger to health and safety caused by substances found on, or in the ground covered by the building'.
- 6.1.10 Given the Residential end-use of the site it is considered that based on the potential contamination sources currently identified, the site generally represents a low hazard both to the end-users and more generally to the wider environment. However, the likelihood of risk and liability cannot be fully determined from the findings of this Phase I environmental review alone, and uncertainty remains with respect to determination of actual risks presented, it is therefore recommended that more detailed analysis of environmental and geotechnical risk and associated liabilities based on site specific data is undertaken designed to:
- Prove geological succession, presence, depth and thickness of any Made Ground and depth to bedrock.
  - Adequately characterise the nature, degree and extent of potential contamination, with respect to end users, health and safety of workers, and risk to construction materials.
  - Determine Ground Gas concentrations and flow rates to allow appropriate protection measures to be assessed and incorporated into any sub-structural designs.
  - Determine Groundwater levels and groundwater regime.



- Determine indicative geotechnical parameters required for design purposes.
- Determine the extent of the potential basement area identified in the retaining wall along Rhos Street.

## REFERENCES

- [1] DEFRA and Environment Agency (2004). *Model Procedures for the Management of Land Contamination*. R & D Publication CLR 11.
- [2] National House Builders Council, Environment Agency and Chartered Institute of Environmental Health (2008). *Guidance for the Safe Development of Housing on Land Affected by Contamination*. R & D Publication 66.
- [3] DETR Circular 01/2006 (2006). *Environmental Protection Act 1990 Part 2A. Contaminated Land*.
- [4] British Standard Institution (2001). *Code of Practice for Investigation of Potentially Contaminated Sites*. BS 10175:2001
- [5] British Standards Institution (2010): *Environmental Management – Environmental Assessment of Sites and Organisations* (EASO). BS ISO 14015:2010.
- [6] British Standards Institution (2013): *Code of practice for the investigation of potentially contaminated sites*. BS 10175:2011+A1:2013.
- [7] British Standards Institution (2015): *Code of practice for ground investigations*. BS5930:2015.
- [8] Building Research Establishment (2007): *Radon: guidance on protective measures for new dwellings*. BRE Report BR211.
- [9] Department of Food and Rural Affairs (2012). *Environmental Protection Act 1990: Part 2A, Contaminated Land Statutory Guidance*.
- [10] CIRIA C665:2007 - *Assessing the risk posed by hazardous ground gases to buildings*.
- [11] Environment Agency (2012) 'What's in your backyard?' Wiyby  
[www.environmentagency.gov.uk/wiyby/](http://www.environmentagency.gov.uk/wiyby/)



## APPENDICES



**APPENDIX 1**

**Site Walkover Photographs**

**Site Walkover Photographs:**



Existing site entrance from Rhos Street, with original school building in the background.

**Site Walkover Photographs:**



Possible historical basement feature within retaining wall along northern boundary (Rhos Street).



Playground above Rhos Street Retaining wall, no evidence of infilled basement, although playground has been resurfaced.

**Site Walkover Photographs:**



Current vehicular access off Rhos Street along eastern boundary of the site, with main school building approximately 1m below road level.

**Site Walkover Photographs:**



Electricity Substation in the east of the site.



**Site Walkover Photographs:**



Former community building in the east of the site.

**Site Walkover Photographs:**



Collapsed paving in the east of the site to the north of the community building.

**Site Walkover Photographs:**



Former school car park in the south of the site, currently being used as construction yard/site compound for adjacent hospital refurbishment work.

**Site Walkover Photographs:**



Stone retaining wall along eastern boundary, looking north.

**Site Walkover Photographs:**



Playground to the south of the school buildings, part of which is currently being used as construction yard/site compound for adjacent hospital refurbishment work.  
Brick retaining wall in the background supporting former school car park.

**Site Walkover Photographs:**



Original school building in the background with modern extension in the foreground. Photo looking northeast from western boundary.

**Site Walkover Photographs:**



Courtyard area between the original school building to the left and newer extension to the right. Steel posts supporting former sun canopy.

**Site Walkover Photographs:**



View from the south across playground to modern extension



**Site Walkover Photographs:**

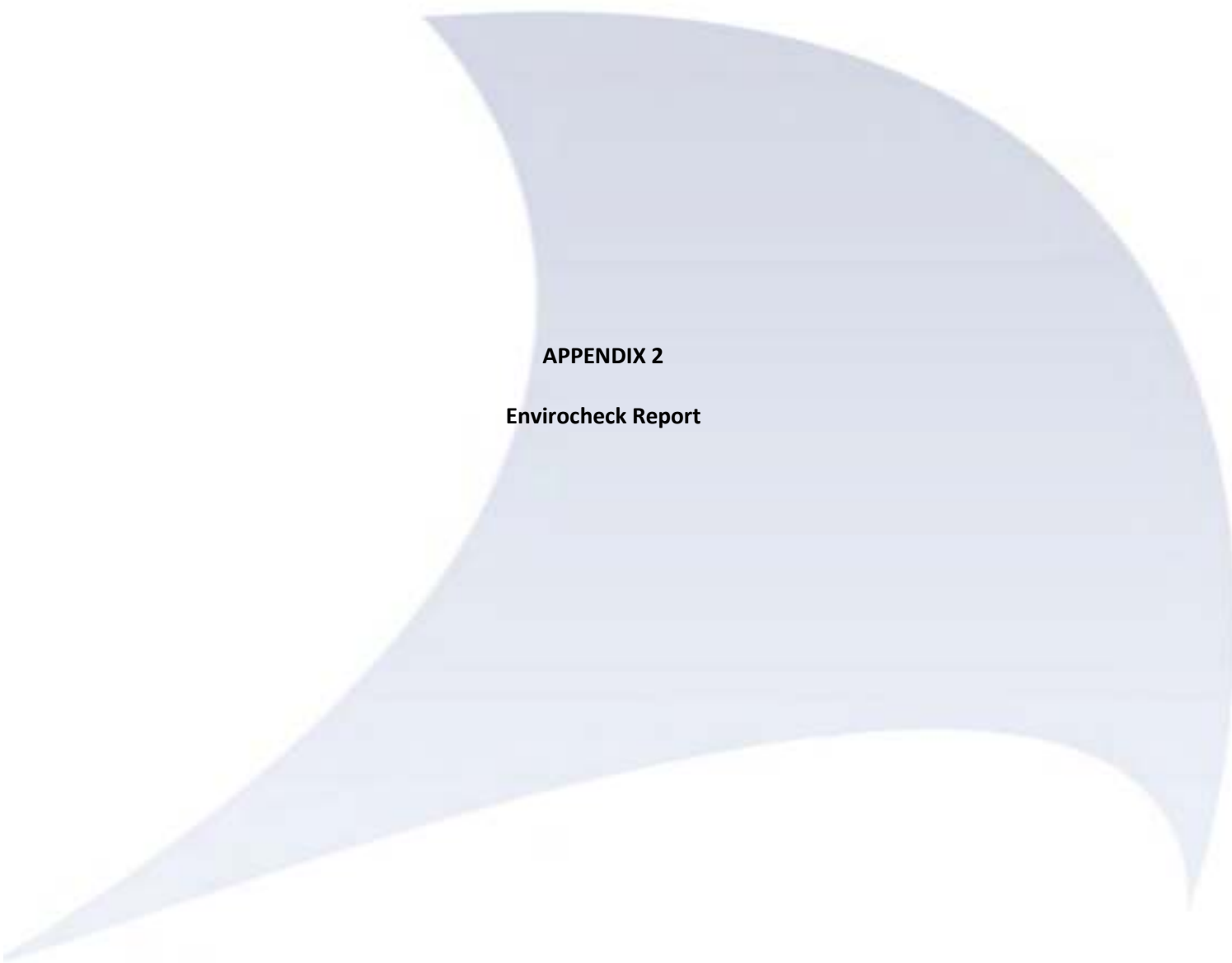


Concrete retaining wall in the east of the site supporting access road to car park located to the south of the playground.

**Site Walkover Photographs:**



Brick retaining wall supporting car park above playground.



**APPENDIX 2**

**Envirocheck Report**

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

270678250\_1\_1

**Customer Reference:**

4865

**National Grid Reference:**

312870, 358200

**Slice:**

A

**Site Area (Ha):**

0.55

**Search Buffer (m):**

1000

#### Site Details:

19, Rhos Street

RUTHIN

LL15 1DU

#### Client Details:

Mr A Jones

Caulmert Ltd

Unit F13

InTec

Parc Menai

Bangor

Gwynedd

LL57 4FG

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	16
Hazardous Substances	-
Geological	20
Industrial Land Use	22
Sensitive Land Use	31
Data Currency	32
Data Suppliers	36
Useful Contacts	37

**Introduction**

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

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**Report Version v53.0**

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			1	10
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 4		3		7
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 5				Yes
Pollution Incidents to Controlled Waters	pg 5				8
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 7				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 7				1
Substantiated Pollution Incident Register	pg 7				1
Water Abstractions	pg 8				9 (*8)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 12	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				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 12				27

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 16			1	2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 16				4
Local Authority Landfill Coverage	pg 17	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 17				1
Registered Landfill Sites	pg 18				1
Registered Waste Transfer Sites	pg 18				3
Registered Waste Treatment or Disposal Sites					
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 20	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites					
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 20	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 20	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 20	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 20		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

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 22		13	10	77
Fuel Station Entries	pg 30		1		1
Gas Pipelines					
Underground Electrical Cables					
<b>Sensitive Land Use</b>					
Ancient Woodland	pg 31				2
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas	pg 31	1			
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
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (W)	0	1	312874 358195
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	78	1	312750 358195
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	178	1	312650 358195
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	212	1	312650 358350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	278	1	312550 358195
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	389	1	312600 358550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	479	1	312400 358450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	492	1	312350 358350
1	<b>Discharge Consents</b> Operator: Clwyd County Council Property Type: Retail Distribution Location: Ruthin Park Rd.Old Station Yard Sit, Park Rd.Old Station Yard Site Ru, Ruthin Craft. Authority: Natural Resources Wales Catchment Area: R Clwyd (Mouth) Reference: Cm0087601 Permit Version: 1 Effective Date: 6th February 1980 Issued Date: 6th February 1980 Revocation Date: 3rd November 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Culverted Trib. Of Clwyd <b>Status: Consent expired</b> Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	361	2	312620 358530
2	<b>Discharge Consents</b> Operator: Williams M (Engineering) Property Type: Civil Engineering Location: Lon Parcwr Link Road Rhuthun Authority: Natural Resources Wales Catchment Area: R Clwyd (Mouth) Reference: Cm0146301 Permit Version: 1 Effective Date: 16th January 1986 Issued Date: 16th January 1986 Revocation Date: 18th February 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Un Named Trib Of Afon Clwyd <b>Status: Consent expired</b> Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	508	2	312550 358660
3	<b>Discharge Consents</b> Operator: Clwyd Fire Service Headquarters Property Type: Other Transport Location: Ruthin Fire Station Authority: Natural Resources Wales Catchment Area: R Clwyd (Mouth) Reference: Cm0061901 Permit Version: 1 Effective Date: 14th April 1970 Issued Date: 14th April 1970 Revocation Date: 5th February 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Clwyd <b>Status: Consent expired</b> Positional Accuracy: Located by supplier to within 10m	A12NW (W)	686	2	312170 358430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Domestic Property (Multiple)  Location: Ruthin Park Rd. &amp; Prior Str.  Authority: Natural Resources Wales  Catchment Area: R Clwyd (Mouth)  Reference: CM0043401  Permit Version: 1  Effective Date: 13th September 1967  Issued Date: 13th September 1967  Revocation Date: 6th March 2007  Discharge Type: Unspecified  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Clwyd  <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	693	2	312180 358480
4	<p><b>Discharge Consents</b></p> <p>Operator: G &amp; J Greenall  Property Type: Soft Drinks  Location: Ruthin Park Road Cambrian Mineral W, Park Road Cambrian Mineral Water, Cambrian Mineral Water Depot  Authority: Natural Resources Wales  Catchment Area: R Clwyd (Mouth)  Reference: Cm0088501  Permit Version: 1  Effective Date: 16th April 1980  Issued Date: 16th April 1980  Revocation Date: 23rd February 1995  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Clwyd  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (NW)	726	2	312160 358520
5	<p><b>Discharge Consents</b></p> <p>Operator: Glyndwr District Council  Property Type: Undefined Or Other  Location: Ruthin Lon Parcwr  Authority: Natural Resources Wales  Catchment Area: R Clwyd (Mouth)  Reference: Cm0099601  Permit Version: 1  Effective Date: 17th October 1985  Issued Date: 17th October 1985  Revocation Date: 24th September 1992  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Trib. Of A.Clwyd  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NW (NW)	743	2	312540 358920
6	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Ruthin 2 Sso In Combined Sewerage S, 2 Sso In Combined Sewerage Sys  Authority: Natural Resources Wales  Catchment Area: R Clwyd (Mouth)  Reference: Cm0017702  Permit Version: 1  Effective Date: 8th October 1963  Issued Date: 8th October 1963  Revocation Date: 4th March 1994  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Clwyd  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	814	2	312100 358600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p><b>Discharge Consents</b></p> <p>Operator: Clwyd County Council  Property Type: Undefined Or Other  Location: Queen'S Park Primary School-(3)  Authority: Natural Resources Wales  Catchment Area: Unknown  Reference: Cm0003302  Permit Version: 1  Effective Date: 6th November 1967  Issued Date: 6th November 1967  Revocation Date: 22nd December 1992  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Gwenfro  <b>Status: Consent expired</b>  Positional Accuracy: Approximate location provided by supplier</p>	A12SW (W)	860	2	312000 358000
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Ruthin Lon Parcwr Fields (2) -  Authority: Natural Resources Wales  Catchment Area: R Clwyd (Mouth)  Reference: CM0199501  Permit Version: 1  Effective Date: 20th October 1989  Issued Date: 20th October 1989  Revocation Date: 31st August 2000  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Clwyd  <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	864	2	312100 358700
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Ruthin Lon Parcwr Fields (2) -  Authority: Natural Resources Wales  Catchment Area: R Clwyd (Mouth)  Reference: Cm0017701  Permit Version: 1  Effective Date: 8th October 1963  Issued Date: 8th October 1963  Revocation Date: 22nd December 1992  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Clwyd  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	864	2	312100 358700
9	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Ruthin Land Adj. To Link Road Lon P, Land Adj. To Link Road Lon Parcwr, Lon Parcwr  Authority: Natural Resources Wales  Catchment Area: R Clwyd (Mouth)  Reference: Cm0099901  Permit Version: 1  Effective Date: 17th October 1985  Issued Date: 17th October 1985  Revocation Date: 4th March 1994  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: Trib. Of A.Clwyd  <b>Status: Consent expired</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	875	2	312310 358940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p><b>Prosecutions Relating to Controlled Waters</b></p> <p>Location: Lon Parcwr Industrial Estate, Lon Parcwr Industrial Estate, RUTHIN, Clwyd, LL15 1NJ</p> <p>Prosecution Text: Using Site Borehole To Extract Water For Use In Soft Drink Production Without License.</p> <p>Prosecution Act: Wra91 S24(1a)</p> <p>Hearing Date: 7th May 2002</p> <p>Verdict: Guilty</p> <p>Fine: 250</p> <p>Cost: 252</p> <p>Positional Accuracy: Manually positioned within the geographical locality</p>	A17NE (NW)	791	4	312466 358938
11	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: E.G. Atkinson &amp; CoRhos Street Garage</p> <p>Location: Rhos Street, RUTHIN, Denbighshire, LL15 1DU</p> <p>Authority: Denbighshire County Council, Environmental Health Department</p> <p>Permit Reference: GDC/W008/EPA</p> <p>Dated: Not Supplied</p> <p>Process Type: Local Authority Air Pollution Control</p> <p>Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input</p> <p><b>Status: Authorisation revoked</b></p> <p>Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	31	3	312884 358278
12	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: White Bear Garage</p> <p>Location: Llanfair Road, Leading into Wrexham Road, RUTHIN, Clwyd, LL15 1BU</p> <p>Authority: Denbighshire County Council, Environmental Health Department</p> <p>Permit Reference: DCC/PPC/1.1/040.0</p> <p>Dated: 17th May 1993</p> <p>Process Type: Local Authority Pollution Prevention and Control</p> <p>Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input</p> <p><b>Status: Permitted</b></p> <p>Positional Accuracy: Automatically positioned to the address</p>	A13SW (W)	156	3	312694 358152
13	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: D.T. WilliamsWern Garage</p> <p>Location: Llanfair Road, Ruthin, Denbighshire, LL15 1bu</p> <p>Authority: Denbighshire County Council, Environmental Health Department</p> <p>Permit Reference: GDC/W007/EPA</p> <p>Dated: Not Supplied</p> <p>Process Type: Local Authority Air Pollution Control</p> <p>Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input</p> <p><b>Status: Authorisation revoked</b></p> <p>Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	172	3	312700 358100
14	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: J T Williams</p> <p>Location: Castle Works, Mill Street, RUTHIN, Denbighshire, LL15 1HT</p> <p>Authority: Denbighshire County Council, Environmental Health Department</p> <p>Permit Reference: GDC/W009/EPA</p> <p>Dated: Not Supplied</p> <p>Process Type: Local Authority Air Pollution Control</p> <p>Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input</p> <p><b>Status: Authorisation revoked</b></p> <p>Positional Accuracy: Located by supplier to within 100m</p>	A12SE (W)	642	3	312200 358100
15	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Gunn Jcb Ltd</p> <p>Location: Celtic Works, Lon Parcwr Industrial Estate, Ruthin, Denbighshire, LL15 1ly</p> <p>Authority: Denbighshire County Council, Environmental Health Department</p> <p>Permit Reference: DCC/PPC/1.1/063.0</p> <p>Dated: Not Supplied</p> <p>Process Type: Local Authority Pollution Prevention and Control</p> <p>Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input</p> <p><b>Status: Permitted</b></p> <p>Positional Accuracy: Manually positioned to the address or location</p>	A17SE (NW)	697	3	312335 358728
16	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Rpc Concrete Solutions</p> <p>Location: Quarryfields, RUTHIN, Clwyd, LL15 2UG</p> <p>Authority: Denbighshire County Council, Environmental Health Department</p> <p>Permit Reference: DCC/PPC/3.1/033.0</p> <p>Dated: 18th March 1993</p> <p>Process Type: Local Authority Air Pollution Control</p> <p>Description: PG3/1Blending, packing, loading and use of bulk cement</p> <p><b>Status: Authorisation has varied</b></p> <p>Positional Accuracy: Manually positioned to the address or location</p>	A12NW (NW)	700	3	312190 358523

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Tarmac Structural Concrete Ltd            Location: Quarryfields, RUTHIN, Denbighshire, LL15 2UG            Authority: Denbighshire County Council, Environmental Health Department            Permit Reference: Not Given            Dated: Not Supplied            Process Type: Local Authority Air Pollution Control            Description: PG3/1 Blending, packing, loading and use of bulk cement  <b>Status: Authorisation revoked</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NW (NW)	700	3	312190 358523
17	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Robert Hunter &amp; Son            Location: Lon Parcwr, RUTHIN, Denbighshire, LL15 1NA            Authority: Denbighshire County Council, Environmental Health Department            Permit Reference: DCC/PPC/3.5/030.0            Dated: 27th May 1993            Process Type: Local Authority Air Pollution Control            Description: PG3/15 Mineral drying and roadstone coating processes  <b>Status: Authorisation has varied</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17SE (NW)	733	3	312445 358860
18	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Malthurst Retail Ltd            Location: Park Road, RUTHIN, LL15 1NB            Authority: Denbighshire County Council, Environmental Health Department            Permit Reference: DCC/PPC/1.2/004.0            Dated: 2nd February 1999            Process Type: Local Authority Pollution Prevention and Control            Description: PG1/14 Petrol filling station  <b>Status: Permitted</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	780	3	312051 358173
19	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Rmf Autocentre Ltd            Location: Unit 13-14, Turner Trading Estate, Hen Lon Parcwr, Ruthin, Denbighshire, LL15 1na            Authority: Denbighshire County Council, Environmental Health Department            Permit Reference: DCC/PPC/1.1/064.0            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  <b>Status: Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17SE (NW)	818	3	312224 358787
	<b>Nearest Surface Water Feature</b>	A12NW (W)	655	-	312182 358345
20	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Texaco Garage, Park Road, RUTHIN            Authority: Environment Agency, Welsh Region            Pollutant: Sewage - Treated Effluent            Note: Not Supplied            Incident Date: 13th January 1995            Incident Reference: 22308            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</p>	A12NE (W)	553	4	312300 358400
21	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Ruthin Weir, RUTHIN            Authority: Environment Agency, Welsh Region            Pollutant: Oils - Diesel (Including Agricultural)            Note: Poor Management Control            Incident Date: 7th October 1996            Incident Reference: 30167            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</p>	A12NE (NW)	675	4	312205 358495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Ruthin Weir, RUTHIN            Authority: Environment Agency, Welsh Region            Pollutant: Coal Solids            Note: Poor Management Control            Incident Date: 7th October 1996            Incident Reference: 30167            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</p>	A12NE (NW)	679	4	312205 358505
21	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Ruthin Weir, RUTHIN            Authority: Environment Agency, Welsh Region            Pollutant: Miscellaneous - Fire water / Foam            Note: Poor Management Control            Incident Date: 8th October 1996            Incident Reference: 30186            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</p>	A12NE (NW)	680	4	312200 358495
21	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Storm Overflow            Location: RUTHIN            Authority: Environment Agency, Welsh Region            Pollutant: Contaminated Groundwater            Note: Blocked Sewer            Incident Date: 7th September 1995            Incident Reference: 25818            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</p>	A12NE (NW)	682	4	312200 358500
22	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Storm Overflow            Location: Down Stream Of Ruthin Weir            Authority: Environment Agency, Welsh Region            Pollutant: Natural Foam            Note: Weather            Incident Date: 12th November 1994            Incident Reference: 21697            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</p>	A17SE (NW)	726	4	312200 358600
23	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Miscellaneous Premises: Surface Runoff            Location: Trelyn Park, Fluor De Lys            Authority: Environment Agency, Welsh Region            Pollutant: Crude Sewage            Note: Not Supplied            Incident Date: 2nd April 1996            Incident Reference: 27736            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</p>	A12SW (W)	733	4	312100 358150
24	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: RUTHIN            Authority: Environment Agency, Welsh Region            Pollutant: Unknown            Note: Weather            Incident Date: 28th June 1996            Incident Reference: 29109            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Effluent Discharge            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A17NW (NW)	986	4	312100 358900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>River Quality</b> Name: Clwyd GQA Grade: River Quality A Reach: O/F Ruthin Stw -Conf.Afon Hesbin Estimated Distance (km): 5.3 Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000	A12NE (W)	601	4	312241 358370
25	<b>River Quality Chemistry Sampling Points</b> Name: Clwyd Reach: Outfall Ruthin Sewage Treatment Works To Confluence Afon Hesbin Estimated Distance: 5.30 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied	A12SW (W)	761	4	312070 358160
26	<b>Substantiated Pollution Incident Register</b> Authority: Natural Resources Wales Incident Date: 23rd August 2020 Incident Reference: 2006109 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: Agricultural Materials And Wastes: Slurry And Dilute Slurry	A12SW (W)	819	2	312047 357989

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	<p><b>Water Abstractions</b></p> <p>Operator: Cabana Soft Drinks (North Wales) Ltd  Licence Number: 24/66/1/0042  Permit Version: Not Supplied  Location: Location Description Not Available  Authority: Environment Agency, Welsh Region  Abstraction: Food And Drink: Water Bottling  Abstraction Type: Not Supplied  Source: Groundwater  Daily Rate (m3): 104  Yearly Rate (m3): 27276  Details: Not Supplied  Authorised Start: Not Supplied  Authorised End: Not Supplied  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A18NW (NW)	771	4	312540 358950
28	<p><b>Water Abstractions</b></p> <p>Operator: Glyndwr District Council  Licence Number: 24/66/1/0034  Permit Version: 100  Location: River Clwyd  Authority: Environment Agency, Welsh Region  Abstraction: Amenity: Lake And Pond Throughflow  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: River Clwyd  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 12th June 1974  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A12SW (W)	813	4	312070 357940
28	<p><b>Water Abstractions</b></p> <p>Operator: Denbighshire County Council  Licence Number: 24/66/1/0034  Permit Version: 101  Location: River Clwyd  Authority: Natural Resources Wales  Abstraction: Amenity: Lake And Pond Throughflow  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st April 1996  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	817	2	312070 357930
28	<p><b>Water Abstractions</b></p> <p>Operator: Denbighshire County Council  Licence Number: 24/66/1/0034  Permit Version: Not Supplied  Location: Recreational Pond At Cae Ddol Ruthin  Authority: Natural Resources Wales  Abstraction: Amenity: Lake And Pond Throughflow  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: 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</p>	A12SW (W)	817	2	312070 357930



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<p><b>Water Abstractions</b></p> <p>Operator: Mr I T Jones  Licence Number: 24/66/1/0002  Permit Version: Not Supplied  Location: Location Description Not Available  Authority: Environment Agency, Welsh Region  Abstraction: Agriculture (General)  Abstraction Type: Not Supplied  Source: Well And Borehole  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: Not Supplied  Authorised End: Not Supplied  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A7SE (SW)	923	4	312370 357372
29	<p><b>Water Abstractions</b></p> <p>Operator: Mr I Jones  Licence Number: 24/66/1/0002  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: 31st December 1965  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A7SE (SW)	924	4	312370 357371
30	<p><b>Water Abstractions</b></p> <p>Operator: Miss C Chamberlin  Licence Number: 24/66/1/0004  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 December 1986  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A8SE (S)	955	4	313050 357200
31	<p><b>Water Abstractions</b></p> <p>Operator: Mr P Williams  Licence Number: 24/66/1/0053  Permit Version: 1  Location: 45m Deep Borehole, 116mm Dia. Sherwood Sandstone  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: 24th April 2002  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	987	4	313700 357550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	<p><b>Water Abstractions</b></p> <p>Operator: Mr P Williams  Licence Number: 24/66/1/0048  Permit Version: 100  Location: 45m Deep Borehole, 116mm Dia. Sherwood Sandstone  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: 45M Deep Borehole 116Mm Diameter Sherwood Sandstone  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 29th April 1997  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	987	4	313700 357550
	<p><b>Water Abstractions</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Licence Number: 24/66/1/0040  Permit Version: 100  Location: Borehole 130 Metres Deep  Authority: Natural Resources Wales  Abstraction: Water Supply Related: Transfer Between Sources  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Borehole 130 Metres Deep  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st April 2006  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A22SW (NW)	1317	2	312160 359370
	<p><b>Water Abstractions</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Licence Number: 24/66/1/0040  Permit Version: Not Supplied  Location: Ruthin Augmentation Borehole (To River Clwyd)  Authority: Natural Resources Wales  Abstraction: Water Supply Related: Transfer Between Sources  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: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A22SW (NW)	1317	2	312160 359370
	<p><b>Water Abstractions</b></p> <p>Operator: Ruthin Farmers Auction Co Ltd  Licence Number: 24/66/1/0045  Permit Version: 100  Location: Borehole  Authority: Natural Resources Wales  Abstraction: Other Industrial/Commercial/Public Services: General Washing/Process Washing  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: As Above  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st April 2008  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A16SE (NW)	1338	2	311620 358810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Ruthin Farmers Auction Co Ltd  Licence Number: 24/66/1/0045  Permit Version: Not Supplied  Location: Borehole At Ruthin Farmers Market  Authority: Natural Resources Wales  Abstraction: Other Industrial/Commercial/Public Services: General Washing/Process Washing  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: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A16SE (NW)	1338	2	311620 358810
	<p><b>Water Abstractions</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Licence Number: 24/66/1/0041  Permit Version: 100  Location: Efail Newydd Borehole  Authority: Natural Resources Wales  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Efail Newydd Borehole  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st April 2004  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A10SW (SE)	1401	2	314100 357400
	<p><b>Water Abstractions</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Licence Number: 24/66/1/0041  Permit Version: 100  Location: Efail Newydd Borehole  Authority: Natural Resources Wales  Abstraction: Water Supply Related: Transfer Between Sources  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: 1st April 2004  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A10SW (SE)	1401	2	314100 357400
	<p><b>Water Abstractions</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Licence Number: 24/66/1/0041  Permit Version: Not Supplied  Location: Efail Newydd Borehole For Public Water Supply  Authority: Natural Resources Wales  Abstraction: Public Water Supply: Potable Water Supply - Direct  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 100m</p>	A10SW (SE)	1401	2	314100 357400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Dwr Cymru Cyfyngedig Licence Number: 24/66/1/0041 Permit Version: Not Supplied Location: Efail Newydd Borehole For Public Water Supply Authority: Natural Resources Wales Abstraction: Water Supply Related: Transfer Between Sources 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 100m	A10SW (SE)	1401	2	314100 357400
	<b>Groundwater Vulnerability Map</b> Combined Principle Bedrock Aquifer - Medium Vulnerability Classification: Medium Combined Vulnerability: Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Intergranular Dilution: 300-550 mm/year Baseflow Index: >70% Superficial <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	A13NE (W)	0	2	312874 358195
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Principal Aquifer	A13NE (W)	0	2	312874 358195
	<b>Superficial Aquifer Designations</b> No Data Available				
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				
	<b>Flooding from Rivers or Sea without Defences</b> None				
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1147.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clwyd Catchment Name: Clwyd Primacy: 1	A12NW (W)	659	5	312178 358344
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 772.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A14NW (NE)	691	5	313521 358519
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A12SW (W)	761	5	312072 358145

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 20.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A12SW (W)	774	5	312058 358156
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 14.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clwyd Catchment Name: Clwyd Primacy: 1	A12SW (W)	774	5	312058 358156
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 122.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clwyd Catchment Name: Clwyd Primacy: 1	A12SW (W)	778	5	312056 358141
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 524.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clwyd Catchment Name: Clwyd Primacy: 1	A12SW (W)	800	5	312080 357951
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 107.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A7SE (SW)	816	5	312421 357466
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 15.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clwyd Catchment Name: Clwyd Primacy: 1	A12SW (W)	825	5	312033 358013
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clwyd Catchment Name: Clwyd Primacy: 1	A12SW (W)	825	5	312034 358011
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 32.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A12SW (W)	826	5	312028 358027
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A7NE (SW)	842	5	312249 357580

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 94.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A7NE (SW)	842	5	312249 357580
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 295.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clwyd Catchment Name: Clwyd Primacy: 1	A7NE (SW)	845	5	312240 357587
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A7SE (SW)	849	5	312336 357490
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 40.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A7SE (SW)	853	5	312329 357492
48	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 33.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A12SW (W)	857	5	312001 358010
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A7SE (SW)	876	5	312290 357494
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A7SE (SW)	879	5	312286 357494
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 130.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A7SE (SW)	880	5	312286 357493
52	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 75.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 2	A12SW (W)	882	5	311983 357982

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 67.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A12SW (W)	882	5	311983 357982
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 349.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A12SW (W)	936	5	311935 357954
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 177.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A17NE (NW)	937	5	312270 358987
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 16.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A7SE (SW)	958	5	312311 357371
57	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A7SE (SW)	959	5	312336 357352
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Clwyd Primacy: 1	A7SE (SW)	960	5	312331 357354

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: I T Williams and Company Limited            Location: Ruthin, Clwyd            Name: Maesmor - Benarth Railway Cutting            Operator Location: R/O Maesmur/Benarth, Wrexham Road, Ruthin, Denbighshire            Boundary Accuracy: As Supplied            Provider Reference: EAHLD14711            First Input Date: 31st December 1988            Last Input Date: 21st December 1993            Specified Waste: Deposited Waste included Inert and Industrial Waste            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 6830/0001            BGS Ref: Not Supplied            Other Ref: L/1/6</p>	A8NW (SW)	352	2	312682 357850
60	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: I T Williams and Company Limited            Location: Castle Park Estate, Ruthin, Denbighshire            Name: Castle Park Estate Railway Cutting            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD15150            First Input Date: 31st December 1988            Last Input Date: 31st December 1991            Specified Waste: Deposited Waste included Inert, Industrial and Commercial Waste            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 6830/0006            BGS Ref: Not Supplied            Other Ref: L/1/5</p>	A8NW (S)	579	2	312764 357573
61	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: SITA Wastecare Limited            Location: Ruthin            Name: Con Parcwr            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD14203            First Input Date: 31st December 1944            Last Input Date: 17th November 1994            Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and            Type: Special Waste            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 6830/0028            BGS Ref: Not Supplied            Other Ref: NOW-302-L, L/1/29, L/1/33</p>	A18NW (N)	892	2	312561 359088
62	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: BP3794FA            Location: Min Y Clwyd Yard, Lon Parcwr, Ruthin, Denbighshire, Denbighshire, LL15 1NA            Operator Name: I T Williams Company Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Household, Commercial And Industrial Transfer Stations  <b>Licence Status: Effective</b>            Issued: 30th August 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</p>	A17NE (NW)	837	2	312289 358875



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 37018            Location: Min Y Clwyd, Lon Parcwr, Ruthin, LL15 1NA            Operator Name: I T Williams Company Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Household, Commercial And Industrial Transfer Stations  <b>Licence Status: Issued</b>            Issued: 12th November 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</p>	A17NE (NW)	837	2	312289 358875
63	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 104715            Location: Min Y Clwyd, Hen Lon Parcwr, Ruthin, LL15 1NA            Operator Name: I T Williams Co Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Treatment of waste to produce soil &lt;75,000 tpy  <b>Licence Status: Issued</b>            Issued: 3rd October 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</p>	A17SW (NW)	911	2	312140 358832
63	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: LB3135AL            Location: I T Williams Ltd, Min Y Clwyd, Ruthin, Denbighshire, Denbighshire, LL15 1NA            Operator Name: I T Williams Co Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Treatment of waste to produce soil &lt;75,000 tpy  <b>Licence Status: Effective</b>            Issued: 3rd October 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</p>	A17SW (NW)	911	2	312140 358832
	<p><b>Local Authority Landfill Coverage</b></p> <p>Name: Denbighshire County Council            - Has supplied landfill data</p>		0	3	312874 358195
64	<p><b>Local Authority Recorded Landfill Sites</b></p> <p>Location: Lon Parcwr, Ruthin            Reference: Not Supplied            Authority: Denbighshire County Council, Environmental Health Department  <b>Last Reported Status: Closed</b>            Types of Waste: Municipal, Inert, Commercial            Date of Closure: Not Supplied            Positional Accuracy: Positioned by the supplier            Boundary Quality: Moderate</p>	A18NW (N)	906	3	312561 359103

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Tudor Williams            Licence Reference: L/1/ 5            Site Location: Rear Of Castle Park Estate, Ruthin, Clwyd            Licence Easting: 312770            Licence Northing: 357500            Operator Location: Min-Y-Clwyd, Lon Parcwr, Ruthin, Clwyd            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/surrenderedCancelled            Dated: 1st November 1988            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: Inert Waste</p>	A8SW (S)	650	4	312770 357500
66	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: I T Williams &amp; Co Ltd            Licence Reference: NOW-317-L (L/1/13)            Site Location: Min-Y-Clwyd Yard, Lon Parcwr, Ruthin, Clwyd            Operator Location: Min-Y-Clwyd, Lon Parcwr, Ruthin, Clwyd            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: Some restriction on source of waste            Restrictions:            Licence Status: Operational as far as is knownOperational            Dated: 1st June 1997            Preceded By: NOW-317-L (L/1/13)            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Quality: Not Supplied            Authorised Waste: Aluminium,Brass,Copper,Gold,Tin,Zinc            Ash, Clinker            Brickwork,Builders Rubble,Hardcore            Bush, Tree, Garden/Hortic'L Waste            Cardboard/Fibreboard/Paper(Inc.Oil/Tar            Cement (Set),Concrete            Ceramics,Enamels,Glass,Mica/Abras,Pott            Chalk,China Clay,Gravel,Hassocks,Stone            Coal/Coke            Cork            Empty Containers            Excav.Road Metal (Well Weathered)            Iron,Steel            Max.Storage In Licence            Max.Waste Permitted By Licence            Non-Special H'Hold/Com/Ind. Comprising            Non-Toxic Adhesive Wastes            Non-Toxic Floor Sweepings. Sweepings)            Plasterboard/Plaster            Plastics            Ragstone,Sub/Topsoil            Rubber/Latex            Sand,Clean Foundry/Moulding Sand,Silic            Shotblast Residue            Wood Incl.Sawdust            Wood/Wood Prods(Hard/Chipboard)            Prohibited Waste: Incinerator Residues            Poisonous, Noxious, Polluting Wastes            Special Wastes (As In '96 Regs)            Waste N.O.S.</p>	A17NE (NW)	881	4	312250 358900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: I T Williams &amp; Co Ltd            Licence Reference: NOW-317-L (L/1/13)            Site Location: Min-Y-Clwyd Yard, Lon Parcwr, Ruthin, Clwyd            Operator Location: Min-Y-Clwyd, Lon Parcwr, Ruthin, Clwyd            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: Some restriction on source of waste            Restrictions:            Licence Status: Record supersededSuperseded            Dated: 1st June 1996            Preceded By: NOW-317-L (L/1/13)            Licence:            Superseded By: NOW-317-L (L/1/13)            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Quality: Not Supplied            Authorised Waste            Aluminium,Brass,Copper,Gold,Tin,Zinc            Ash, Clinker            Bonded/Cement Asbestos            Brickwork,Builders Rubble,Hardcore            Bush, Tree, Garden/Hortic'L Waste            Cardboard/Fibreboard/Paper(Inc.Oil/Tar            Cement (Set),Concrete            Ceramics,Enamels,Glass,Mica/Abras,Pott            Chalk,China Clay,Gravel,Hassocks,Stone            Coal/Coke            Cork            Empty Containers            Excav.Road Metal (Well Weathered)            Iron,Steel            Max.Storage In Licence            Max.Waste Permitted By Licence            Non-Special H'Hold/Com/Ind. Comprising            Non-Toxic Adhesive Wastes            Non-Toxic Floor Sweepings. Sweepings)            Plasterboard/Plaster            Plastics            Ragstone,Sub/Topsoil            Rubber/Latex            Sand,Clean Foundry/Moulding Sand,Silic            Shotblast Residue            Wood Incl.Sawdust            Wood/Wood Prods(Hard/Chipboard)</p> <p>Prohibited Waste            Incinerator Residues            Poisonous, Noxious, Polluting Wastes            Waste N.O.S.</p>	A17NE (NW)	881	4	312250 358900
66	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: I T Williams &amp; Co Ltd            Licence Reference: NOW-317-L (L/1/13)            Site Location: Yard Of Min-Y-Clwyd, Lon Parcwr, Ruthin, Clwyd            Operator Location: Min-Y-Clwyd, Lon Parcwr, Ruthin, Clwyd            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: Some restriction on source of waste            Restrictions:            Licence Status: Record supersededSuperseded            Dated: 1st November 1990            Preceded By: Not Given            Licence:            Superseded By: NOW-317-L (L/1/13)            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Quality: Not Supplied            Authorised Waste            Clean Foundry &amp; Moulding Sand            Excavated Road Making Materials            Glass            Hardcore, Brickwork, Stone, Concrete            Max.Storage In Licence            Plaster            Pottery, China, Enamel, Ceramic Waste            Sand, Chalk, Silica, Mica, Abrasive            Small Quant Timber From Building Ind.            Subsoil, Topsoil, Clay</p> <p>Prohibited Waste            Contaminated Mat'L            Contaminated Soil            Hazardous Wastes            Potentially Polluting Wastes            Toxic Wastes            Waste N.O.S.</p>	A17NE (NW)	881	4	312250 358900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Permian Rocks (Undifferentiated)	A13NE (W)	0	1	312874 358195
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	312874 358195
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	312874 358195
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	312870 358206
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	43	1	312821 358144
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	225	1	313117 358276
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	233	1	312633 358100
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	312874 358195
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	312874 358195
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	312874 358195
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	312870 358206
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	43	1	312821 358144
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	141	1	312688 358214
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	225	1	313117 358276
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	235	1	312591 358226
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (W)	0	1	312874 358195
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	141	1	312688 358214
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	233	1	312633 358100
	<b>Radon Potential - Radon Affected Areas</b> 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 (W)	0	1	312874 358195

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (W)	0	1	312874 358195

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Spanners            Location: Rhos St, Ruthin, Clwyd, LL15 1DY            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NW (NW)	4	-	312844 358246
68	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ruthin Community Hospital            Location: Llanrhydd Street, Ruthin, Clwyd, LL15 1PS            Classification: Hospitals  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SE (S)	33	-	312893 358109
68	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ruthin Community Hospital            Location: Llanrhydd Street, Ruthin, Clwyd, LL15 1PS            Classification: Hospitals  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SE (S)	33	-	312893 358109
69	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: E G Atkinson &amp; Co            Location: Rhos St, Ruthin, Clwyd, LL15 1DU            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NW (W)	54	-	312776 358218
70	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Welch Group            Location: Moorfield Road, Duxford, Cambridge, Cambridgeshire, CB22 4PS            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A13NW (N)	102	-	312818 358341
70	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Lloyd &amp; Williams            Location: Haulfryn, Ruthin, Clwyd, LL15 1HB            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A13NW (N)	112	-	312816 358351
71	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Clay Craft            Location: A, 61, Well Street, Ruthin, Clwyd, LL15 1AG            Classification: Ceramic Manufacturers, Supplies &amp; Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (W)	159	-	312678 358183
71	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Connor The Viking Blacksmith            Location: 62 Llanfair Road, Ruthin, Clwyd, LL15 1BU            Classification: Blacksmiths &amp; Forgemasters  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (W)	162	-	312692 358140
71	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: King'S Ironmongers            Location: 42, Well Street, Ruthin, Clwyd, LL15 1AW            Classification: Hardware  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (W)	205	-	312637 358161
72	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Anchor Garage            Location: Llanfair Road, Ruthin, LL15 1BU            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	169	-	312707 358090
72	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: White Bear Garage            Location: 11, Llanfair Road, Ruthin, Clwyd, LL15 1BU            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	185	-	312702 358066
72	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Well Equipped            Location: 11, Llanfair Road, Ruthin, Clwyd, LL15 1BU            Classification: Distribution Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	185	-	312702 358066

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Slaters Of Ruthin Ltd            Location: Well Street, Ruthin, Clwyd, LL15 1AF            Classification: Car Dealers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (W)	214	-	312617 358200
74	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Kootchi Koo            Location: Rhos Ial, Llanfair Road, Ruthin, Clwyd, LL15 1BY            Classification: Children &amp; Babywear - Manufacturers &amp; Wholesalers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	263	-	312729 357926
75	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Garment Spa            Location: 29 Well St, Ruthin, Clwyd, LL15 1AF            Classification: Dry Cleaners  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A13NW (W)	279	-	312550 358206
76	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Clwyd Army &amp; Navy Stores            Location: 19, Well Street, Ruthin, Clwyd, LL15 1AE            Classification: Leisure &amp; Sportswear Manufacturers &amp; Wholesalers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	327	-	312501 358218
77	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Aroma Hut            Location: 3, Castle Mews, 8, Well Street, Ruthin, Clwyd, LL15 1AH            Classification: Candle Manufacturers &amp; Suppliers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	389	-	312439 358221
78	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Mirage            Location: Ruthin Craft Centre, Lon Parcwr, Ruthin, LL15 1BB            Classification: Jewellery Manufacturers &amp; Repairers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A18SW (NW)	455	-	312543 358589
78	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bizarre Furniture            Location: Unit 3, Ruthin Craft Centre, Lon Parcwr, Ruthin, Clwyd, LL15 1BB            Classification: Furniture Manufacturers - Home &amp; Office  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	459	-	312538 358591
78	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: J C Assiter-Tuppen            Location: Unit 12, Ruthin Craft Centre, Lon Parcwr, Ruthin, Clwyd, LL15 1BB            Classification: Glass Products - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	462	-	312519 358578
78	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Thomas Higginson            Location: Unit 11, Ruthin Craft Centre, Lon Parcwr, Ruthin, Clwyd, LL15 1BB            Classification: Cabinet Makers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	470	-	312516 358586
78	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Liz Porter            Location: Unit 1, Ruthin Craft Centre, Lon Parcwr, Ruthin, Clwyd, LL15 1BB            Classification: Picture &amp; Picture Frame Renovating &amp; Restoring  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	477	-	312525 358603
79	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: O T S N W Ltd            Location: Glaslyn, Greenfield Road, Ruthin, Clwyd, LL15 1EP            Classification: Freight Forwarders  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (N)	498	-	312705 358721
80	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Fueltech            Location: The Bungalow, Upper Clwyd St, Ruthin, Clwyd, LL15 1HY            Classification: Boilers - Servicing, Replacements &amp; Repairs  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NE (W)	511	-	312318 358196

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Lovingly Made By Lyn            Location: 15 Clwyd Street, Ruthin, Clwyd, LL15 1HF            Classification: Soft Furnishings - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	534	-	312294 358257
81	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Hideaway            Location: 24, Clwyd Street, Ruthin, LL15 1HW            Classification: Leather Garments &amp; Products  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	576	-	312252 358243
81	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Fine Line Printing &amp; Stationery Ltd            Location: 32, Clwyd Street, Ruthin, LL15 1HW            Classification: Printers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	598	-	312230 358229
82	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Huws Gray Building Materials Centre            Location: Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Builders' Merchants  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	542	-	312548 358698
83	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Swift Pest Control &amp; Prevention Services            Location: 19, Llwyn Menlli, Ruthin, Clwyd, LL15 1RG            Classification: Pest &amp; Vermin Control  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	597	-	313295 357689
84	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Fridges Direct            Location: Lon Parcwr Industrial Estate, Ruthin, LL15 1NJ            Classification: Refrigeration Equipment - Commercial  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	612	-	312536 358772
84	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Mount Wright Ltd            Location: Unit 2, Lon Parcwr Industrial Estate, RUTHIN, Clwyd, LL15 1NJ            Classification: Television &amp; Video Manufacturers &amp; Wholesalers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	630	-	312555 358802
85	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Auto Products            Location: Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	641	-	312474 358769
86	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Valley Arms            Location: Bolero Camp, Park Road, Ruthin, Clwyd, LL15 1NB            Classification: Gunsmiths  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	653	-	312246 358532
87	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R C Thomas            Location: 55, Bro Deg, Ruthin, Clwyd, LL15 1YQ            Classification: Concrete Reinforcements  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	682	-	313045 357478
88	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Delrue Bookbinders            Location: Mill Street, Ruthin, Clwyd, LL15 1HT            Classification: Bookbinding &amp; Equipment  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A12SW (W)	686	-	312155 358100
88	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Clean &amp; Bright            Location: Flat 12, Felindre, Mill Street, Ruthin, Clwyd, LL15 1HL            Classification: Cleaning Services - Domestic  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	715	-	312129 358088



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Gunn J C B            Location: Hen Lon Parcwr, Ruthin, Clwyd, LL15 1LY            Classification: Plant &amp; Machinery Repairs  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	312335 358728
90	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Richard Williams            Location: Park Road, Ruthin, LL15 1NF            Classification: Builders' Merchants  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (NW)	704	-	312188 358528
91	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Patchwork Traditional Foods            Location: Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Food Products - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	721	-	312437 358841
91	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Swift Pest Control            Location: Unit 6, Lon Parcwr Industrial Estate, Ruthin, LL15 1NJ            Classification: Pest &amp; Vermin Control  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	721	-	312437 358840
91	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Gwyn Evans            Location: Lon Parcwr Ind Est, Ruthin, Clwyd, LL15 1NJ            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17NE (NW)	742	-	312484 358892
91	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Uproar            Location: Lon Parcwr Ind Est, Ruthin, Clwyd, LL15 1NJ            Classification: Firework Stockists  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17NE (NW)	743	-	312468 358884
91	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Wrexham Blinds            Location: Lon Parcwr Industrial Estate, Ruthin, LL15 1NJ            Classification: Blinds, Awnings &amp; Canopies  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	746	-	312446 358875
91	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Lewis Electrics Ltd            Location: Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Electrical Goods Sales, Manufacturers &amp; Wholesalers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	749	-	312454 358884
92	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Wrg Northweston Division            Location: lon Parcwr, Ruthin, Clwyd, LL15 1NA            Classification: Waste Disposal Services  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A12NW (W)	723	-	312105 358242
93	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Fluid Power Initiatives Ltd            Location: Industrial Unit, Lllys Clwyd, Ffordd Celyn, Ruthin, LL15 1NJ            Classification: Flow Measurement Systems - Manufacturers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	727	-	312405 358826
94	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Byzas Research Centre            Location: Birch House, Hen Lon Parcwr, Ruthin, LL15 1NA            Classification: Laboratories  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	761	-	312253 358734
94	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Thermal Systems Ltd            Location: Birch House, Hen Lon Parcwr, Ruthin, Clwyd, LL15 1NA            Classification: Temperature Monitoring Systems Manufacturers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	762	-	312253 358734

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	<b>Contemporary Trade Directory Entries</b> Name: Al Cool Products Ltd Location: Birch House, Hen Lon Parcwr, Ruthin, LL15 1NA Classification: Confectionery Manufacturers Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A17SE (NW)	762	-	312253 358734
94	<b>Contemporary Trade Directory Entries</b> Name: Ruthin Car Sales Location: Hen Lon Parcwr, Ruthin, Clwyd, LL15 1NA Classification: Car Dealers - Used Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SE (NW)	762	-	312253 358734
95	<b>Contemporary Trade Directory Entries</b> Name: A & D Coals Location: 76, Bro Deg, Ruthin, Clwyd, LL15 1XY Classification: Coal & Smokeless Fuel Merchants & Distributors Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A8SE (S)	770	-	313171 357425
96	<b>Contemporary Trade Directory Entries</b> Name: Texaco Location: Park Road, Ruthin, Clwyd, LL15 1NB Classification: Petrol Filling Stations Status: <b>Inactive</b> Positional Accuracy: Manually positioned to the address or location	A12SW (W)	777	-	312053 358173
96	<b>Contemporary Trade Directory Entries</b> Name: M R H Service Station Location: Service Station, Park Road, Ruthin, LL15 1NB Classification: Petrol Filling Stations Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	778	-	312052 358173
96	<b>Contemporary Trade Directory Entries</b> Name: B P Service Station Location: SERVICE STATION, PARK ROAD, RUTHIN, LL15 1NB Classification: Petrol Filling Stations Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	778	-	312052 358173
96	<b>Contemporary Trade Directory Entries</b> Name: Texaco Location: Service Station, Park Road, Ruthin, Clwyd, LL15 1NB Classification: Petrol Filling Stations Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	780	-	312051 358173
96	<b>Contemporary Trade Directory Entries</b> Name: Malthurst Field Group Service Station Location: Park Road, Ruthin, Clwyd, LL15 1NB Classification: Petrol Filling Stations Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	780	-	312051 358173
96	<b>Contemporary Trade Directory Entries</b> Name: A Touch Of Class Location: 1, Mwrog Street, Ruthin, Clwyd, LL15 1LB Classification: Dry Cleaners Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	793	-	312042 358131
97	<b>Contemporary Trade Directory Entries</b> Name: M J Autos Location: Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ Classification: Garage Services Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	777	-	312566 358968
97	<b>Contemporary Trade Directory Entries</b> Name: Patchwork Pate Location: 17, Lon Parcwr Industrial Estate, Ruthin, LL15 1NJ Classification: Food Products - Manufacturers Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	777	-	312566 358968
98	<b>Contemporary Trade Directory Entries</b> Name: Harrison Machinery Location: Hen Lon Parcwr, Ruthin, LL15 1NA Classification: Agricultural Machinery - Sales & Service Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A17SE (NW)	779	-	312314 358820

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Redstone Subaru            Location: Lon Parcwr Industrial Estate, Ruthin, LL15 1NJ            Classification: Car Dealers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	802	-	312313 358850
98	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Owen Commercials            Location: UNit 11 Clwyd Yard, Hen Lon Parcwr, Ruthin, Clwyd, LL15 1LY            Classification: Commercial Vehicle Bodybuilders &amp; Repairers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SE (NW)	813	-	312301 358854
99	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Salisbury Garden &amp; Hire Services            Location: Unit 9 Hen Lon Parcwr, Ruthin, Clwyd, LL15 1NA            Classification: Lawnmowers &amp; Garden Machinery - Sales &amp; Service  <b>Status: Active</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17SE (NW)	782	-	312275 358788
99	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Harrison Machinery Ltd            Location: Hen Lon Parcwr, Ruthin, Clwyd, LL15 1NA            Classification: Plant &amp; Machinery Repairs  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17SE (NW)	794	-	312275 358805
99	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bartleys Tyres            Location: Hen Lon Parcwr, Ruthin, Clwyd, LL15 1NA            Classification: Tyre Dealers  <b>Status: Active</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17SE (NW)	803	-	312261 358803
100	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: T &amp; K Electronics            Location: Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Domestic Appliances - Servicing, Repairs &amp; Parts  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned in the proximity of the address</p>	A17SE (NW)	785	-	312359 358864
100	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Auto Mark            Location: Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	804	-	312393 358911
100	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: W M System            Location: 3 Ffordd Celyn, Ruthin, Clwyd, LL15 1NJ            Classification: Commercial Vehicle Servicing, Repairs, Parts &amp; Accessories  <b>Status: Active</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17NE (NW)	807	-	312355 358889
100	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Edge Ltd            Location: Watergate House, Lon Parcwr Industrial Estate, Ruthin, LL15 1NJ            Classification: Cleaning Materials &amp; Equipment  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	807	-	312355 358889
100	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: M W S            Location: Watergate House, Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Vacuum Cleaners, Industrial &amp; Commercial - Repairs &amp; Servicing  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	807	-	312355 358889
100	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ruthin Body Repairs            Location: Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Car Body Repairs  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	843	-	312342 358923
101	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bellarion            Location: Lon Parcwr Ind Est, Ruthin, Clwyd, LL15 1NJ            Classification: Car Accessories Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17NE (NW)	805	-	312438 358939

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Garment Spa            Location: Unit 1, Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Dry Cleaners  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	806	-	312438 358939
102	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ruthin M O T            Location: Unit 14, Lon Parcwr Industrial Estate, Ruthin, LL15 1NJ            Classification: Mot Testing Centres  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	808	-	312235 358783
102	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ruthin M O T Centre            Location: Unit 14, Lon Parcwr Industrial Estate, Ruthin, LL15 1NJ            Classification: Mot Testing Centres  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	808	-	312235 358783
102	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Richard Jones &amp; Co            Location: The Coal Yard, Hen Lon Parcwr, Ruthin, Clwyd, LL15 1NA            Classification: Coal &amp; Smokeless Fuel Merchants &amp; Distributors  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	837	-	312207 358796
102	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Lewis &amp; Hunter Contracting            Location: Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NA            Classification: Asphalt &amp; Coated Macadam Laying Contractors  <b>Status: Active</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17SE (NW)	837	-	312207 358796
102	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R D Jones &amp; Son            Location: The Coal Yard, Hen Lon Parcwr, Ruthin, Clwyd, LL15 1NA            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	837	-	312207 358796
103	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Automark            Location: Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17NE (NW)	815	-	312428 358945
103	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Wynnstay            Location: Unit 1-2, Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Pet Foods &amp; Animal Feeds  <b>Status: Active</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17NE (NW)	815	-	312428 358945
103	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: D &amp; S Motors            Location: Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	816	-	312411 358935
103	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Red Dragon Dispense            Location: Unit 9, Lon Parcwr Industrial Estate, Ruthin, LL15 1NJ            Classification: Soft Drinks - Manufacturers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	838	-	312380 358943
103	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Morgans Of Ruthin            Location: 8, Lon Parcwr Business Centre, Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Builders' Merchants  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	838	-	312380 358943

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Alpha Flex Uk Ltd            Location: Unit 10, Lon Parcwr Industrial Estate, Ruthin, LL15 1NJ            Classification: Seal &amp; Joint Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	843	-	312399 358960
103	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Rubbertech Ltd            Location: Unit 10, Lon Parcwr Industrial Estate, Ruthin, LL15 1NJ            Classification: Rubber &amp; Plastic Products - Manufacturers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	843	-	312399 358960
104	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Dragon Tyres Services            Location: Mwrog Street, Ruthin, Clwyd, LL15 1LB            Classification: Tyre Dealers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	855	-	311984 358096
105	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R M Jones            Location: Clwydfro Business Centre, Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Joinery Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	866	-	312460 359018
105	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R &amp; G Williams            Location: The Business Centre, Ffordd Celyn, Ruthin, LL15 1NJ            Classification: Rubber &amp; Plastic Products - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	866	-	312459 359018
105	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Clothing Design Company, The            Location: Unit 8, Clwydfro Business Centre, Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Clothing &amp; Fabrics - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	872	-	312454 359023
105	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Calco Gravure Engineering Ltd            Location: Unit 8, Clwydfro Business Centre, Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Electronic Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	872	-	312454 359023
105	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: M P I Campers            Location: Unit 7b, Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Caravans - Servicing &amp; Repairs  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	877	-	312489 359044
105	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Mobility Nationwide            Location: Unit 7b, Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Disability Equipment - Manufacturers &amp; Suppliers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17NE (NW)	877	-	312489 359044
105	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Impress Hydraulic Services            Location: Unit 9, Clwydfro Business Centre, Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Hydraulic Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	882	-	312425 359018
105	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Machine Condition Monitoring            Location: Unit 6, Clwydfro Business Centre, Lon Parcwr Industrial Estate, Ruthin, Clwyd, LL15 1NJ            Classification: Machine Tool Accessories &amp; Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	882	-	312449 359030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ruthin Laundry            Location: Unit 4, Clwydro Business Centre, Lon Parcwr Industrial Estate, Ruthin, LL15 1NJ            Classification: Laundries &amp; Launderettes  <b>Status:</b> Inactive            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	888	-	312449 359038
106	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: It Office Furniture Ltd            Location: Min y Clwyd, Hen Lon Parcwr, Ruthin, LL15 1NA            Classification: Office Furniture &amp; Equipment  <b>Status:</b> Inactive            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	875	-	312276 358914
107	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Steve Mellor Accident Repair Centre Ltd            Location: Hen Lon Parcwr, Ruthin, Clwyd, LL15 1LY            Classification: Car Body Repairs  <b>Status:</b> Active            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	896	-	312397 359020
108	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Moto-R            Location: Hen Lon Parcwr, Ruthin, LL15 1LY            Classification: Garage Services  <b>Status:</b> Active            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	904	-	312327 358988
109	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Glan Clwyd Garage            Location: Mwrog Street, Ruthin, LL15 1LB            Classification: Garage Services  <b>Status:</b> Active            Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	935	-	311920 358009
110	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: J M Rennie Ltd            Location: Depot, Hen Lon Parcwr, Ruthin, Clwyd, LL15 1NA            Classification: Concrete &amp; Mortar Ready Mixed  <b>Status:</b> Active            Positional Accuracy: Automatically positioned to the address</p>	A17NW (NW)	1000	-	312151 358972
111	<p><b>Fuel Station Entries</b></p> <p>Name: Slaters Of Ruthin Ltd            Location: Well Street , , Ruthin, Denbighshire, LL15 1AF            Brand: OBSOLETE            Premises Type: Not Applicable  <b>Status:</b> Obsolete            Positional Accuracy: Automatically positioned to the address</p>	A13NW (W)	214	-	312617 358200
112	<p><b>Fuel Station Entries</b></p> <p>Name: Mfg Ruthin            Location: Park Road , , Denbigh, Denbighshire, LL15 1NB            Brand: Bp            Premises Type: Petrol Station  <b>Status:</b> Open            Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	780	-	312051 358173

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	<b>Ancient Woodland</b> Name: Not Supplied Reference: 37228 Area(m <sup>2</sup> ): 9911.79 Type: Restored Ancient Woodland Site	A12SE (SW)	512	2	312397 357944
114	<b>Ancient Woodland</b> Name: Not Supplied Reference: 37229 Area(m <sup>2</sup> ): 6608.13 Type: Restored Ancient Woodland Site	A12SE (W)	649	2	312218 358011
115	<b>Environmentally Sensitive Areas</b> Name: Clwydian Range (decommissioned) Multiple Areas: N Total Area (m2): 278715136 Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)	A13NE (W)	0	6	312874 358195

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Denbighshire County Council - Public Protection Department Natural Resources Wales	January 2015 June 2020	Annual Rolling Update Annually
<b>Discharge Consents</b> Environment Agency - Welsh Region Natural Resources Wales	August 2014 November 2020	Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Welsh Region	March 2013	Annual Rolling Update
<b>Integrated Pollution Controls</b> Environment Agency - Welsh Region	October 2008	Variable
<b>Integrated Pollution Prevention And Control</b> Natural Resources Wales Environment Agency - Welsh Region	November 2020 October 2020	Quarterly Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Denbighshire County Council - Environmental Health Department	March 2013	Variable
<b>Local Authority Pollution Prevention and Controls</b> Denbighshire County Council - Environmental Health Department	December 2014	Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> Denbighshire County Council - Environmental Health Department	December 2014	Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	October 2020	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Welsh Region	December 1998	Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	Annual Rolling Update Annual Rolling Update
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	Annual Rolling Update Annual Rolling Update
<b>Registered Radioactive Substances</b> Natural Resources Wales Environment Agency - Welsh Region	January 2015 June 2016	Annually
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>Substantiated Pollution Incident Register</b> Natural Resources Wales Environment Agency Wales - North Area	November 2020 October 2020	Quarterly Quarterly
<b>Water Abstractions</b> Natural Resources Wales Environment Agency - Welsh Region	November 2020 October 2020	Quarterly Quarterly
<b>Water Industry Act Referrals</b> Natural Resources Wales Environment Agency - Welsh Region	November 2020 October 2017	Quarterly Quarterly
<b>Groundwater Vulnerability Map</b> Natural Resources Wales	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Natural Resources Wales	January 2018	Annually
<b>Superficial Aquifer Designations</b> Natural Resources Wales	January 2018	Annually



Agency & Hydrological	Version	Update Cycle
<b>Source Protection Zones</b> Natural Resources Wales	November 2016	Annual Rolling Update
<b>Extreme Flooding from Rivers or Sea without Defences</b> Natural Resources Wales	August 2018	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Natural Resources Wales	September 2020	Quarterly
<b>Areas Benefiting from Flood Defences</b> Natural Resources Wales	November 2019	Quarterly
<b>Flood Water Storage Areas</b> Natural Resources Wales	August 2019	Quarterly
<b>Flood Defences</b> Natural Resources Wales	November 2019	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	September 2020	Quarterly
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Historical Landfill Sites</b> Natural Resources Wales	July 2017	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Welsh Region	October 2008	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency Wales - North Area Natural Resources Wales	October 2020 October 2020	Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Natural Resources Wales Environment Agency Wales - North Area	November 2020 October 2020	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Denbighshire County Council - Environmental Health Department	May 2000	Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Denbighshire County Council - Environmental Health Department	May 2000	Not Applicable
<b>Registered Landfill Sites</b> Environment Agency Wales - North Area	March 2003	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency Wales - North Area	March 2003	Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency Wales - North Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> Denbighshire County Council - Planning Department	February 2016	Variable
<b>Planning Hazardous Substance Consents</b> Denbighshire County Council - Planning Department	February 2016	Variable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	November 2020	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	October 2020	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	September 2020	Quarterly
<b>Gas Pipelines</b> National Grid	September 2020	
<b>Underground Electrical Cables</b> National Grid	August 2020	

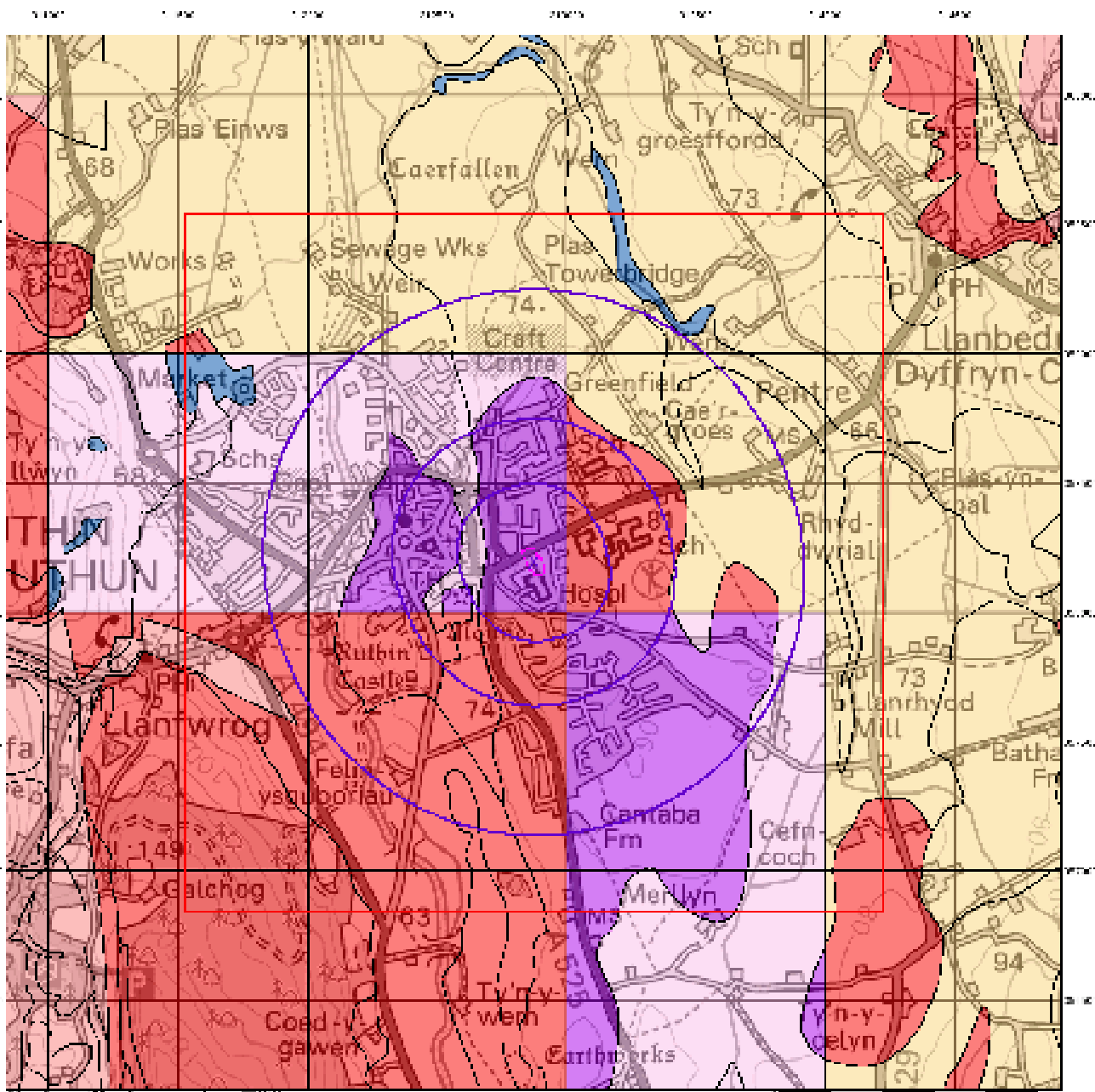
Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural Resources Wales	August 2018	Bi-Annually
<b>Areas of Adopted Green Belt</b> Denbighshire County Council	June 2020	As notified
<b>Areas of Unadopted Green Belt</b> Denbighshire County Council	June 2020	As notified
<b>Areas of Outstanding Natural Beauty</b> Natural Resources Wales	June 2019	Bi-Annually
<b>Environmentally Sensitive Areas</b> The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Denbighshire County Council	August 2018	Bi-Annually
<b>Marine Nature Reserves</b> Natural Resources Wales	August 2018	Bi-Annually
<b>National Nature Reserves</b> Natural Resources Wales	June 2019	Bi-Annually
<b>National Parks</b> Natural Resources Wales	August 2018	Annually
<b>Nitrate Vulnerable Zones</b> Natural Resources Wales The National Assembly for Wales - GI Services (Department of Planning & Countryside)	July 2019 October 2005	Bi-Annually
<b>Ramsar Sites</b> Natural Resources Wales	July 2019	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural Resources Wales	March 2020	Bi-Annually
<b>Special Areas of Conservation</b> Natural Resources Wales	August 2020	Bi-Annually
<b>Special Protection Areas</b> 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	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a> Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>
2	<b>Natural Resources Wales</b> Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: <a href="mailto:enquiries@naturalresourceswales.gov.uk">enquiries@naturalresourceswales.gov.uk</a>
3	<b>Denbighshire County Council - Environmental Health Department</b> Caledfryn, Smithfield, Denbigh, Denbighshire, LL16 3RJ	Telephone: 01824 706000 Fax: 01824 705026 Website: <a href="http://www.denbighshire.gov.uk">www.denbighshire.gov.uk</a>
4	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: <a href="mailto:enquiries@environment-agency.gov.uk">enquiries@environment-agency.gov.uk</a>
5	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: <a href="mailto:customerservices@ordnancesurvey.co.uk">customerservices@ordnancesurvey.co.uk</a> Website: <a href="http://www.ordnancesurvey.gov.uk">www.ordnancesurvey.gov.uk</a>
6	<b>The National Assembly for Wales - GI Services (Department of Planning &amp; Countryside)</b> Yr Hen Ysgol Gymraeg, Alexandria Road, Aberystwyth, Ceredigion, SY23 1LD	Telephone: 02920 825111 Website: <a href="http://www.wales.gov.uk">www.wales.gov.uk</a>
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: <a href="mailto:radon@phe.gov.uk">radon@phe.gov.uk</a> Website: <a href="http://www.ukradon.org">www.ukradon.org</a>
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: <a href="mailto:customerservices@landmarkinfo.co.uk">customerservices@landmarkinfo.co.uk</a> Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a>

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



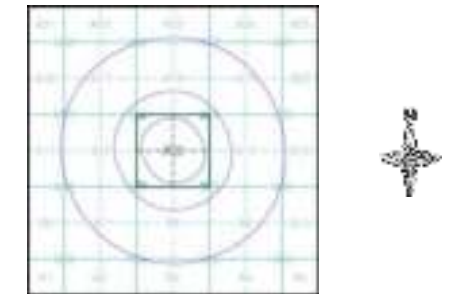
## Groundwater Vulnerability

**General**  
 (S) Sewage Works (W) Works (X) Unimproved (L) Landmark

**Agency and Hydrological**

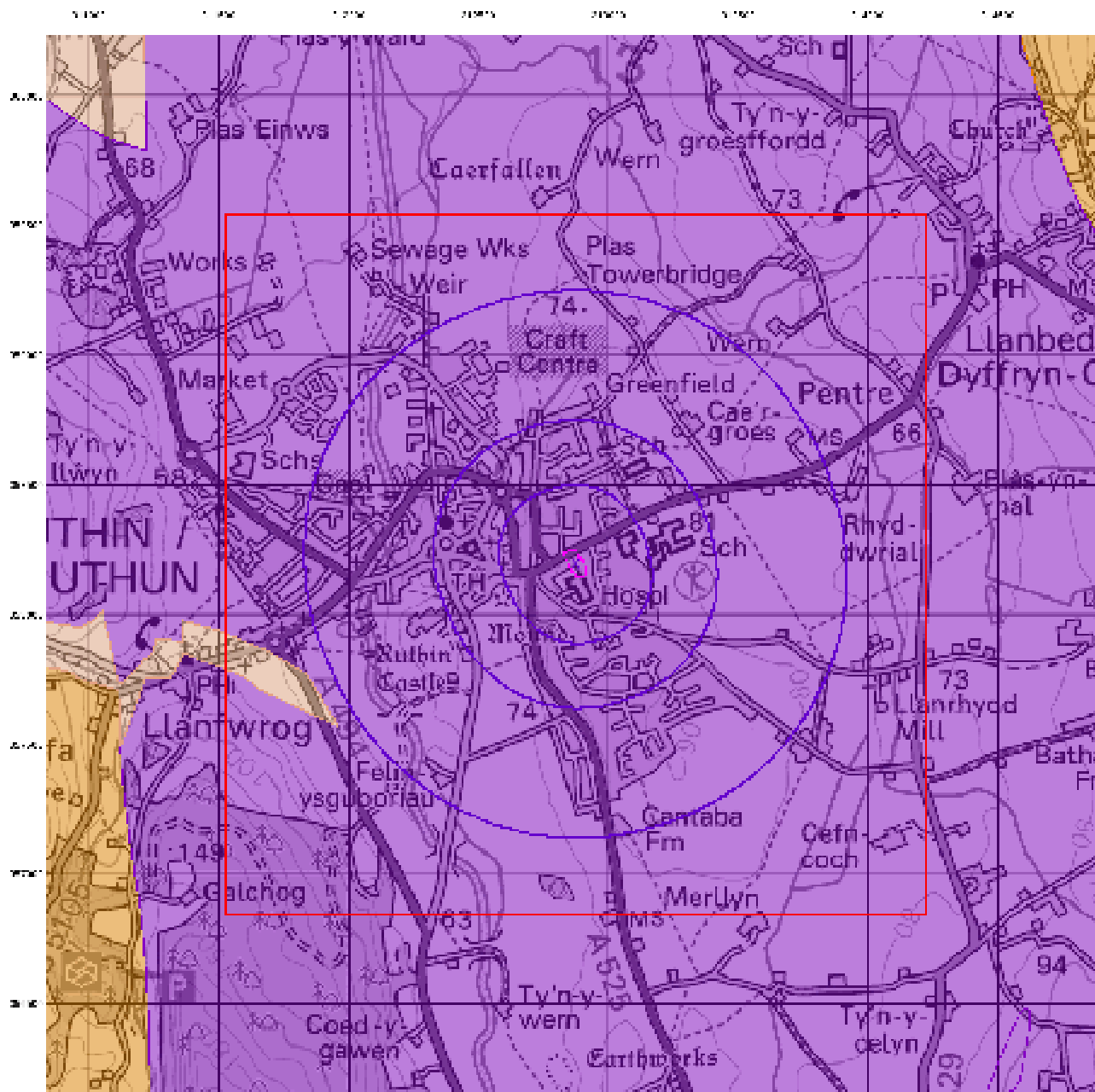
Bedrock Aquifers	Superficial Aquifers
High Vulnerability Principal Aquifer	High Vulnerability Principal Aquifer
High Vulnerability Secondary Aquifer	High Vulnerability Secondary Aquifer
Medium Vulnerability Principal Aquifer	Medium Vulnerability Principal Aquifer
Medium Vulnerability Secondary Aquifer	Medium Vulnerability Secondary Aquifer
Low Vulnerability Principal Aquifer	Low Vulnerability Principal Aquifer
Low Vulnerability Secondary Aquifer	Low Vulnerability Secondary Aquifer
Impervious Aquifer	
Unassessable	

### Site Sensitivity Context Map - Slice A



**Order Details**  
 Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**  
 19, Rhos Street, RUTHIN, LL15 1DU



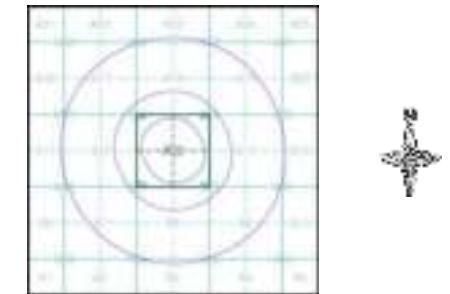
**Bedrock Aquifer Designation**

**General**  
 (S) Sewage Works (W) Weir (C) Church (S) School (H) Hospital (K) Kindergarten (P) PH (MS) MS (L) Llanbedd (PH) PH (MS) MS

**Agency and Hydrological**

- Geological Classes**
- Llanbedd Aquifer
  - Greenfield Aquifer
  - Cae'r-groes Aquifer
  - Llanbedd Aquifer
  - Llanbedd Aquifer
  - Llanbedd Aquifer

**Site Sensitivity Context Map - Slice A**



**Order Details**

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**

19, Rhos Street, RUTHIN, LL15 1DU

## Superficial Aquifer Designation

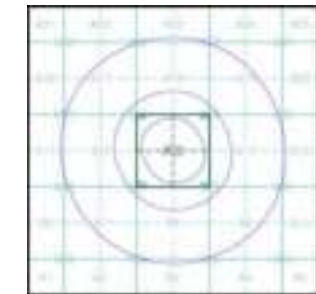
General  
 [Symbol] [Symbol] [Symbol] [Symbol] [Symbol] [Symbol]

### Agency and Hydrological

#### Geological Classes

- [Purple Box] Terrace Alluvia
- [Brown Box] Gravels and Sands
- [Orange Box] Sand and Gravels
- [Yellow Box] Basal and Inter-tilluvial
- [Grey Box] Unconsolidated
- [Green Box] Unconsolidated
- [Blue Box] River channel and banks

### Site Sensitivity Context Map - Slice A

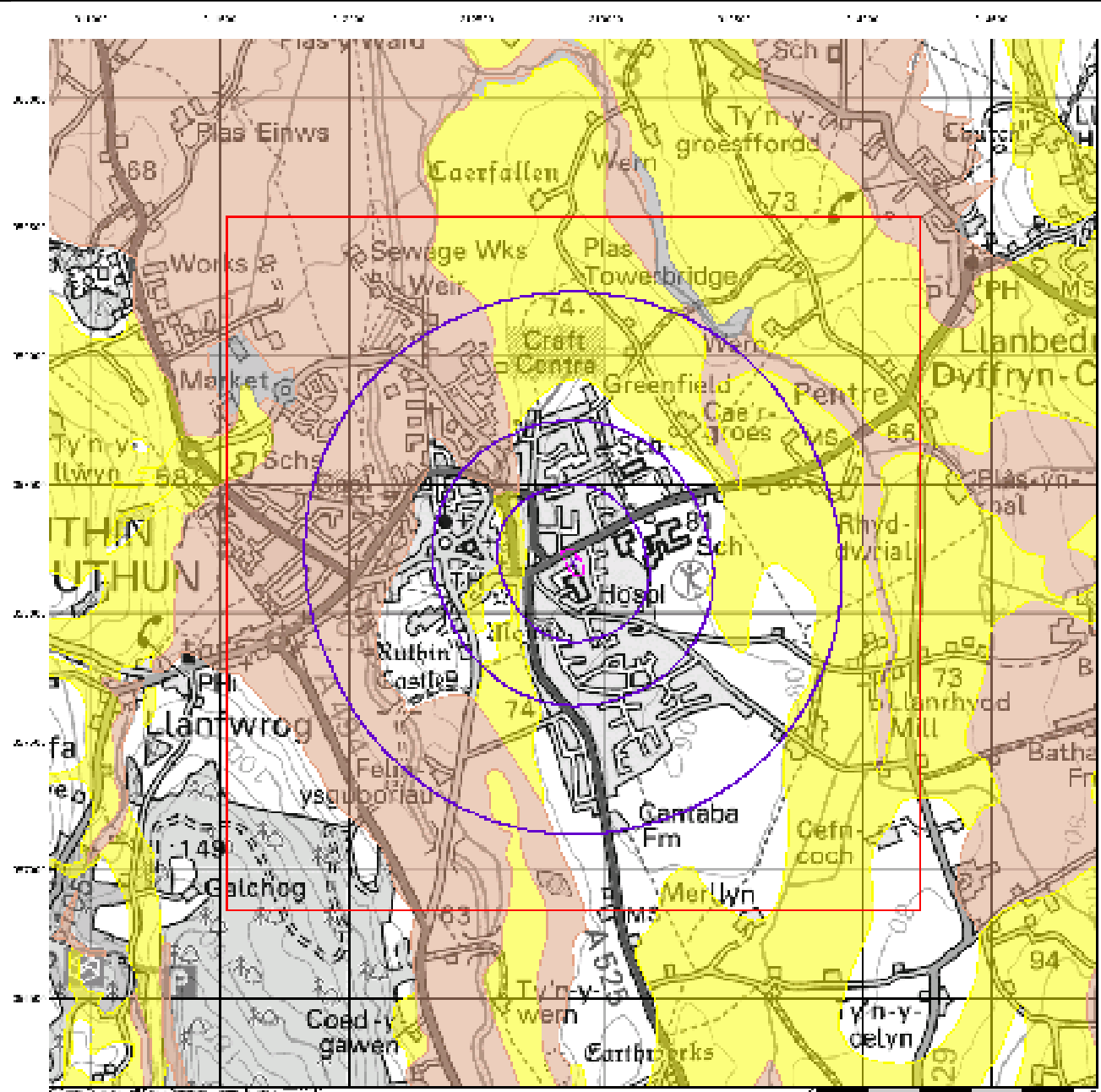


### Order Details

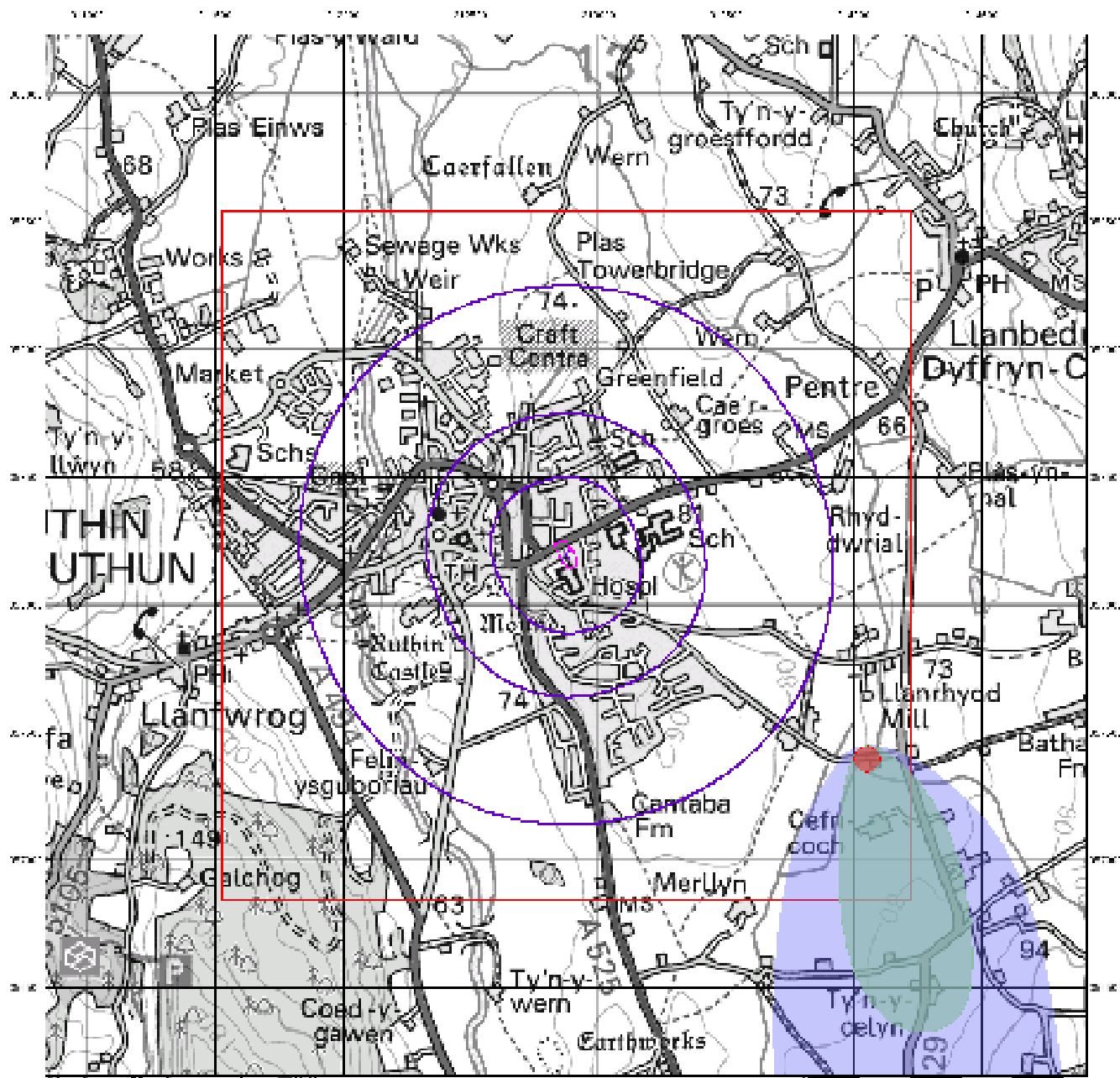
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 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

19, Rhos Street, RUTHIN, LL15 1DU



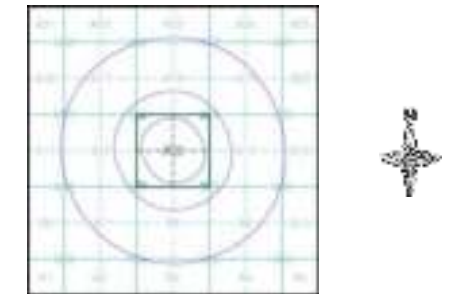




## Source Protection Zones

- General**
- 100m SPZ
  - 500m SPZ
  - 1000m SPZ
  - 1500m SPZ
  - 2000m SPZ
- Agency and Hydrological**
- Flood Risk
  - Flood Risk (Special Flood Risk)
  - Flood Risk (Special Flood Risk - High)
  - Flood Risk (Special Flood Risk - Very High)
  - Flood Risk (Special Flood Risk - Extreme)
  - Flood Risk (Special Flood Risk - Very High)
  - Flood Risk (Special Flood Risk - Extreme)
  - Flood Risk (Special Flood Risk - Very High)
  - Flood Risk (Special Flood Risk - Extreme)

## Site Sensitivity Context Map - Slice A

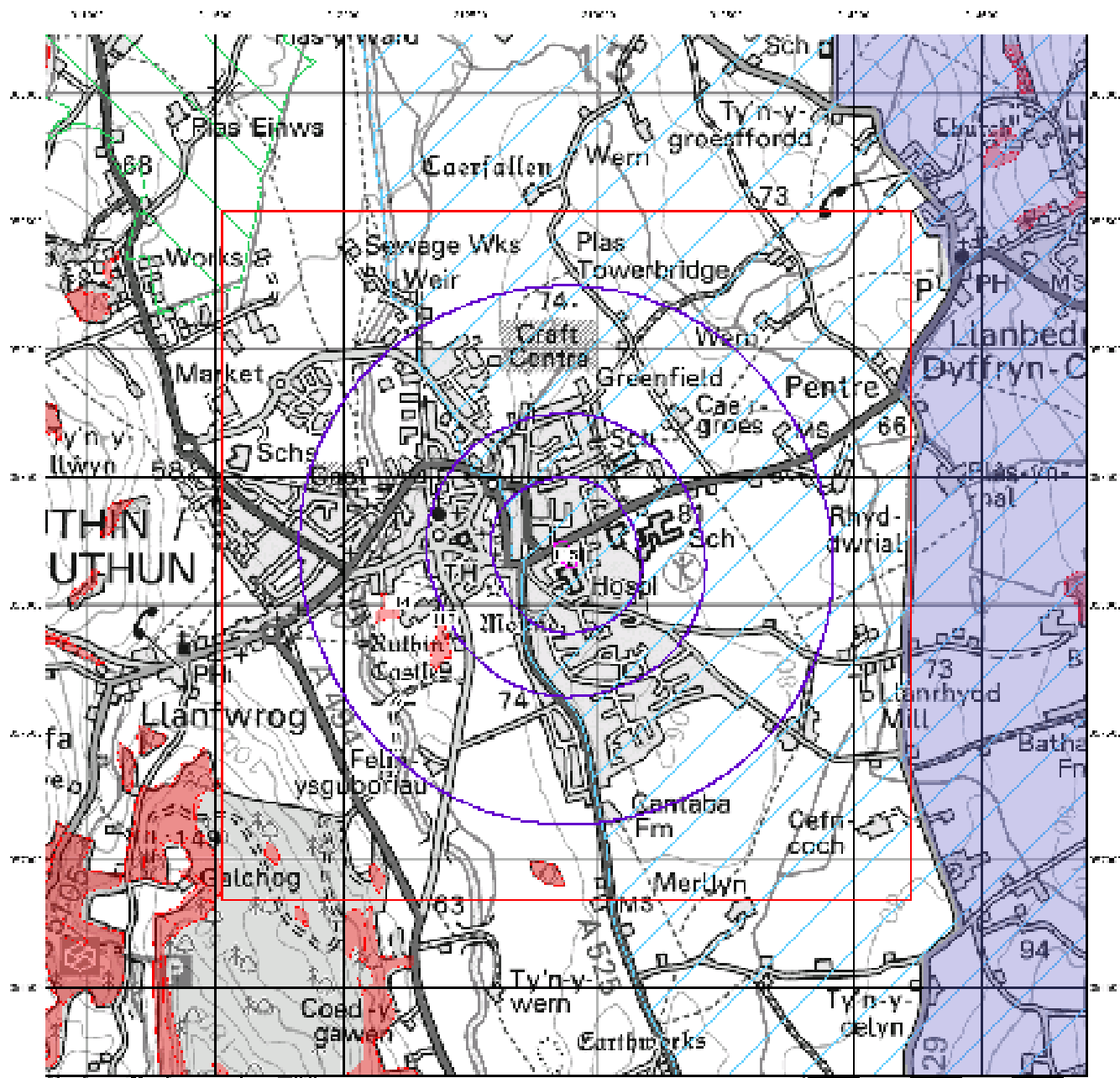


## Order Details

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

## Site Details

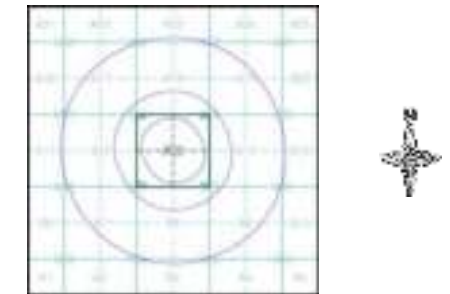
19, Rhos Street, RUTHIN, LL15 1DU



## Sensitive Land Uses

- General**
- Sensitive Land Use
  - Sensitive Land Use
  - Sensitive Land Use
  - Sensitive Land Use
  - Sensitive Land Use
  - Sensitive Land Use
- Sensitive Land Uses**
- Sensitive Land Use
  - Sensitive Land Use
  - Sensitive Land Use
  - Sensitive Land Use
  - Sensitive Land Use
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  - Sensitive Land Use

## Site Sensitivity Context Map - Slice A

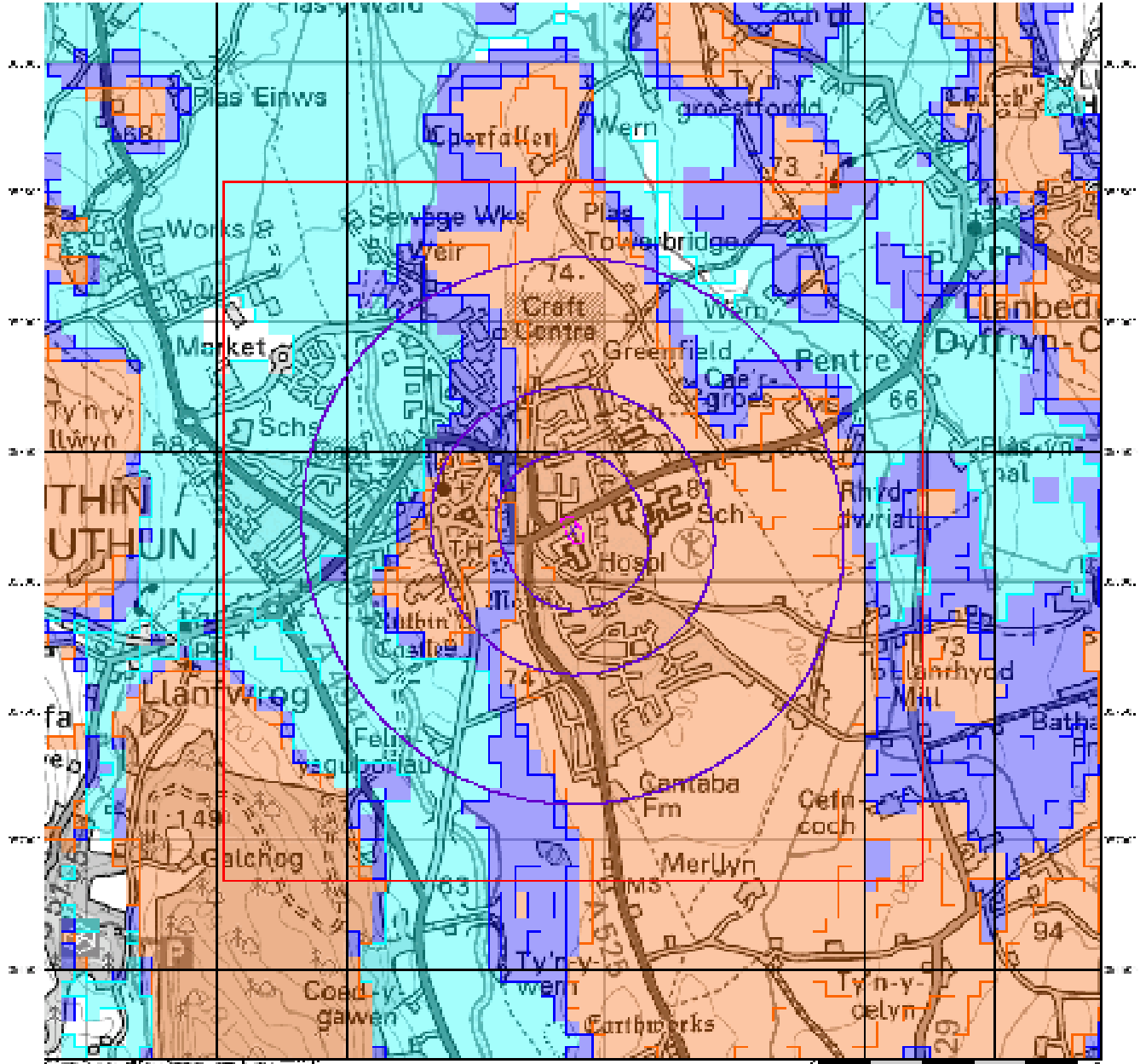


## Order Details

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

## Site Details

19, Rhos Street, RUTHIN, LL15 1DU



# Envirocheck®

LANDMARK INFORMATION GROUP

## BGS Flood GFS Data

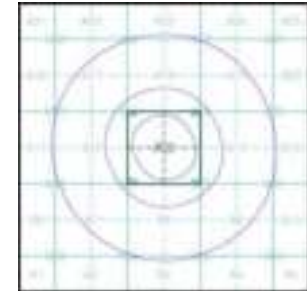
### General

- ⊗ Flood Risk
- ⊗ Flood Risk
- ⊗ Flood Risk
- ⊗ Flood Risk

### Agency and Hydrological (Flood)

- ⊗ Flood Risk
- ⊗ Flood Risk
- ⊗ Flood Risk

## Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

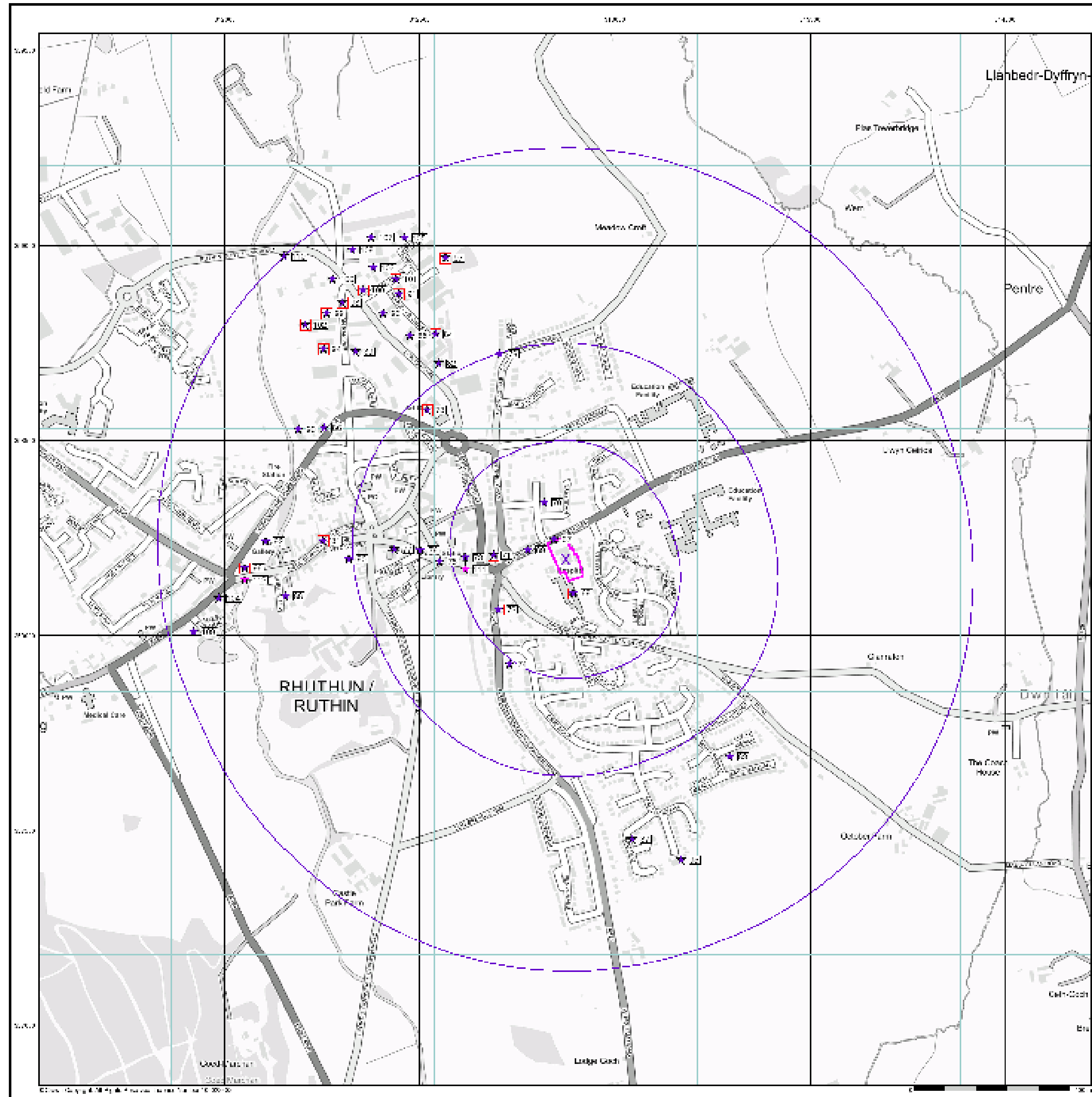
### Site Details

19, Rhos Street, RUTHIN, LL15 1DU

**Landmark**  
 LANDMARK INFORMATION GROUP

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

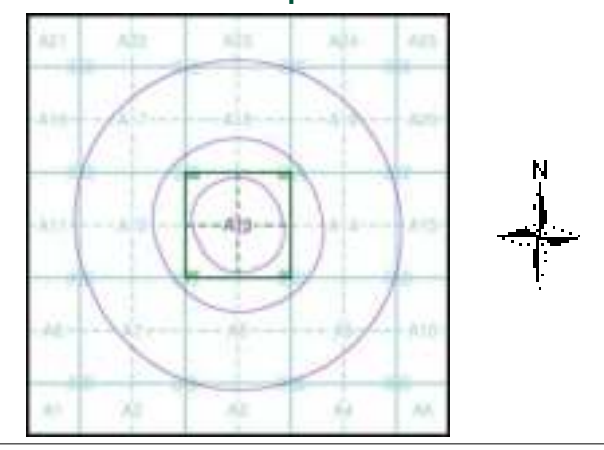




## Industrial Land Use Map

- General**
- General EPC
  - Specified EPC
  - Boundary Reference Point
  - Bios
  - Map ID
- Industrial Land Use**
- Trade Wastes - Fuel -
  - Fuel -
  - Gas Pipelines
  - Underground Electric Cables

## Industrial Land Use Map - Slice A

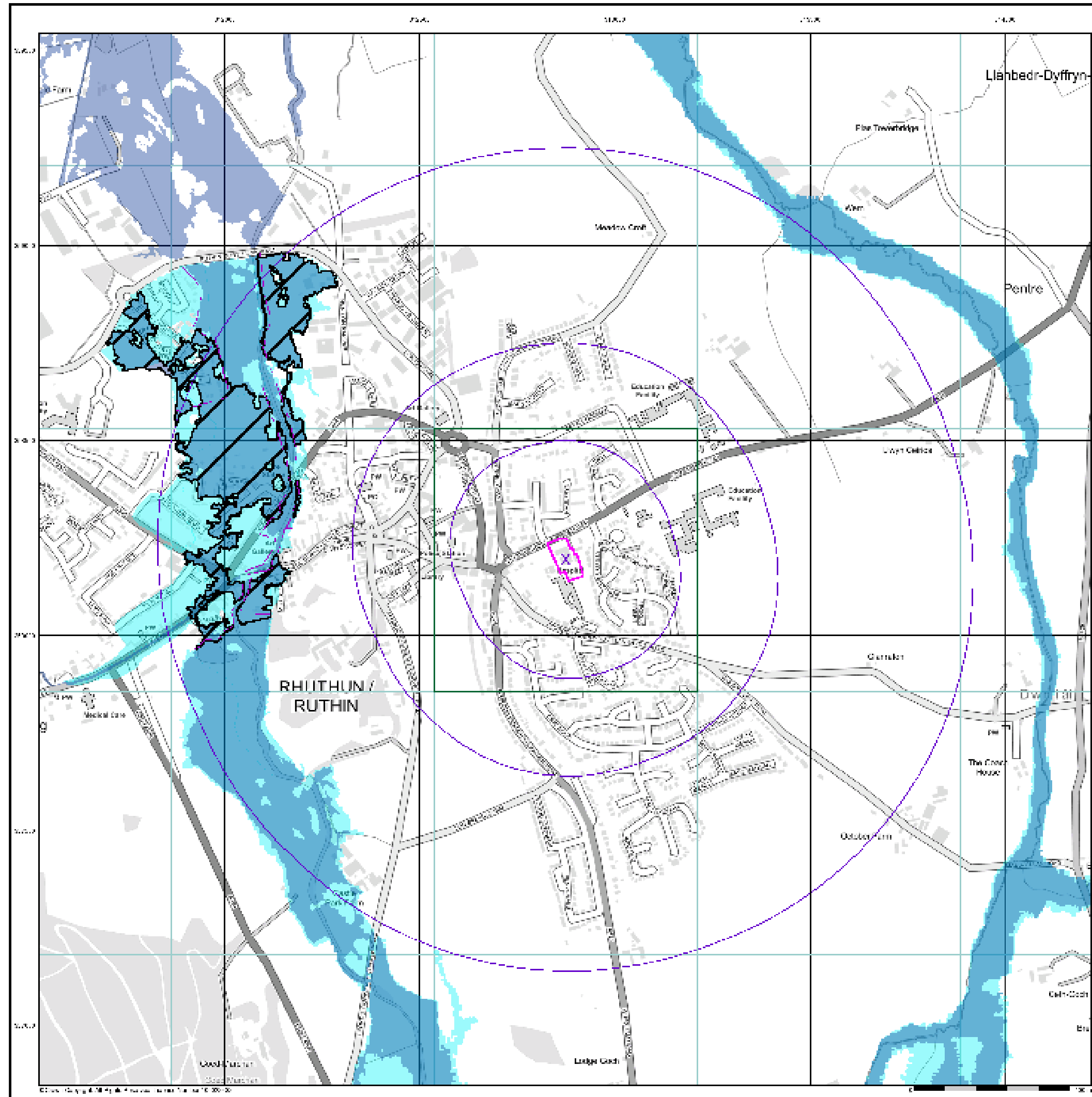


## Order Details

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

## Site Details

19, Rhos Street, RUTHIN, LL15 1DU



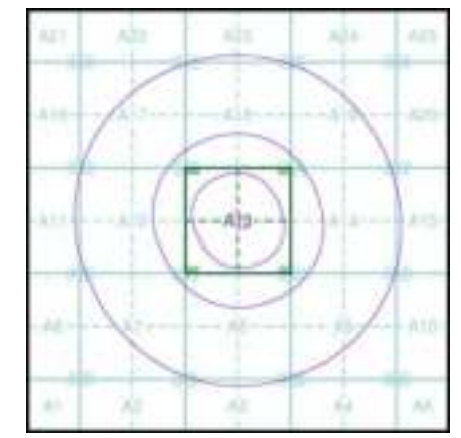
### General

- Study Area
- Search Buffer
- Site Location

### Agency and Hydrological (Flood)

- Floods Flooding from Rivers or Fens within Catchment (2000)
- Floods from Reservoirs without Damages (2000)
- Area Benefiting from Flood Defences
- Flood Risk along Roads
- Flood Defence

### Flood Map - Slice A

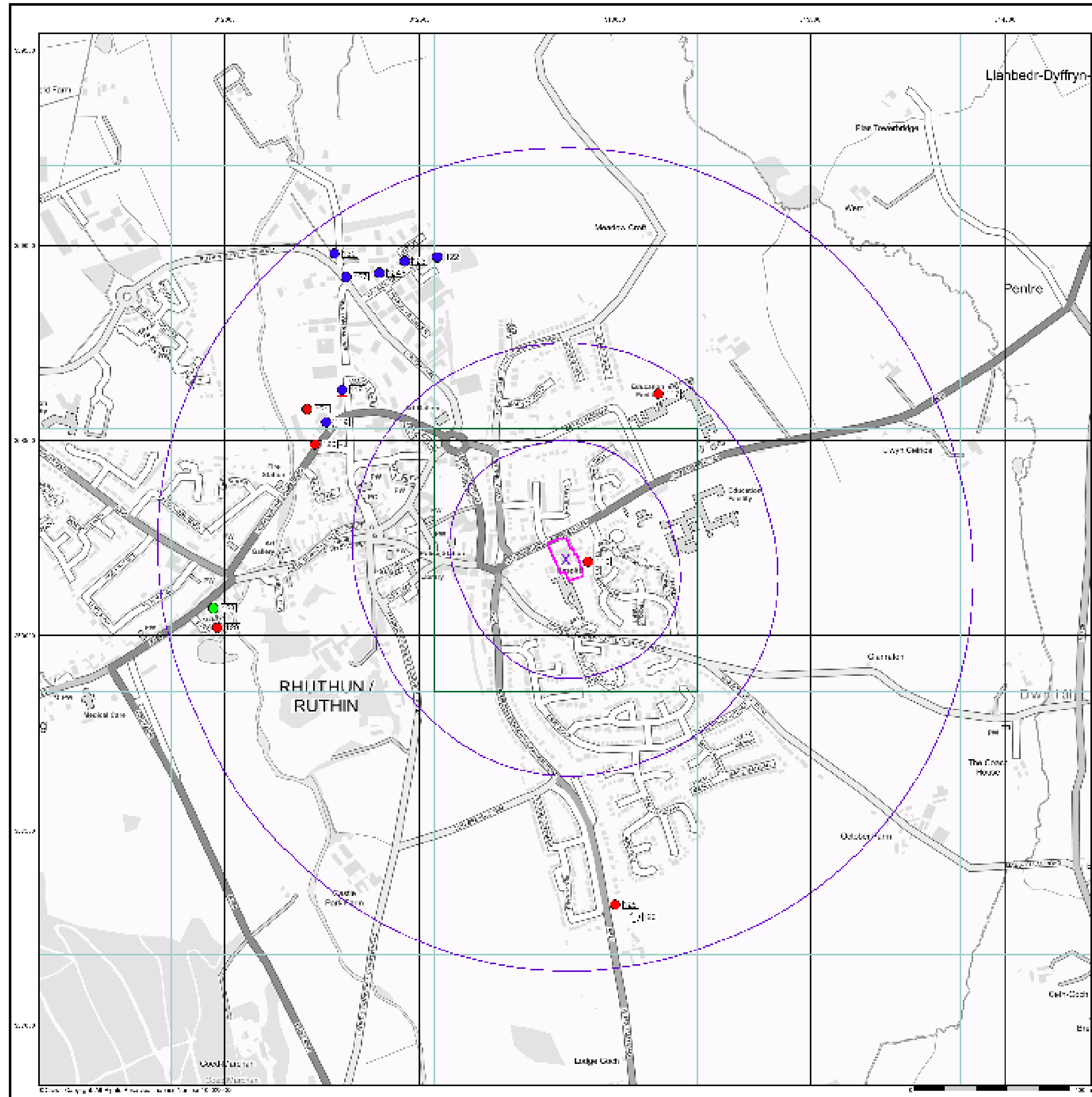


### Order Details

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

19, Rhos Street, RUTHIN, LL15 1DU



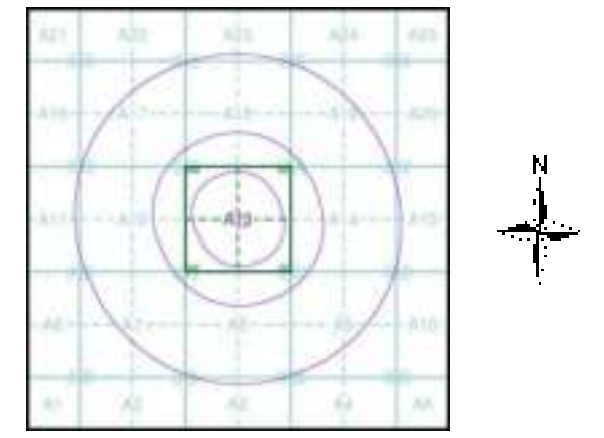
- General**
- Study Area
  - Search Buffer
  - Borehole
  - Map ID
  - Boundary of Local Authority

- Agency and Hydrological (Boreholes)**
- Borehole (Agency)
  - Borehole (Hydrological)
  - Borehole (Other)
  - Contaminated
  - Other

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](http://www.envirocheck.co.uk).

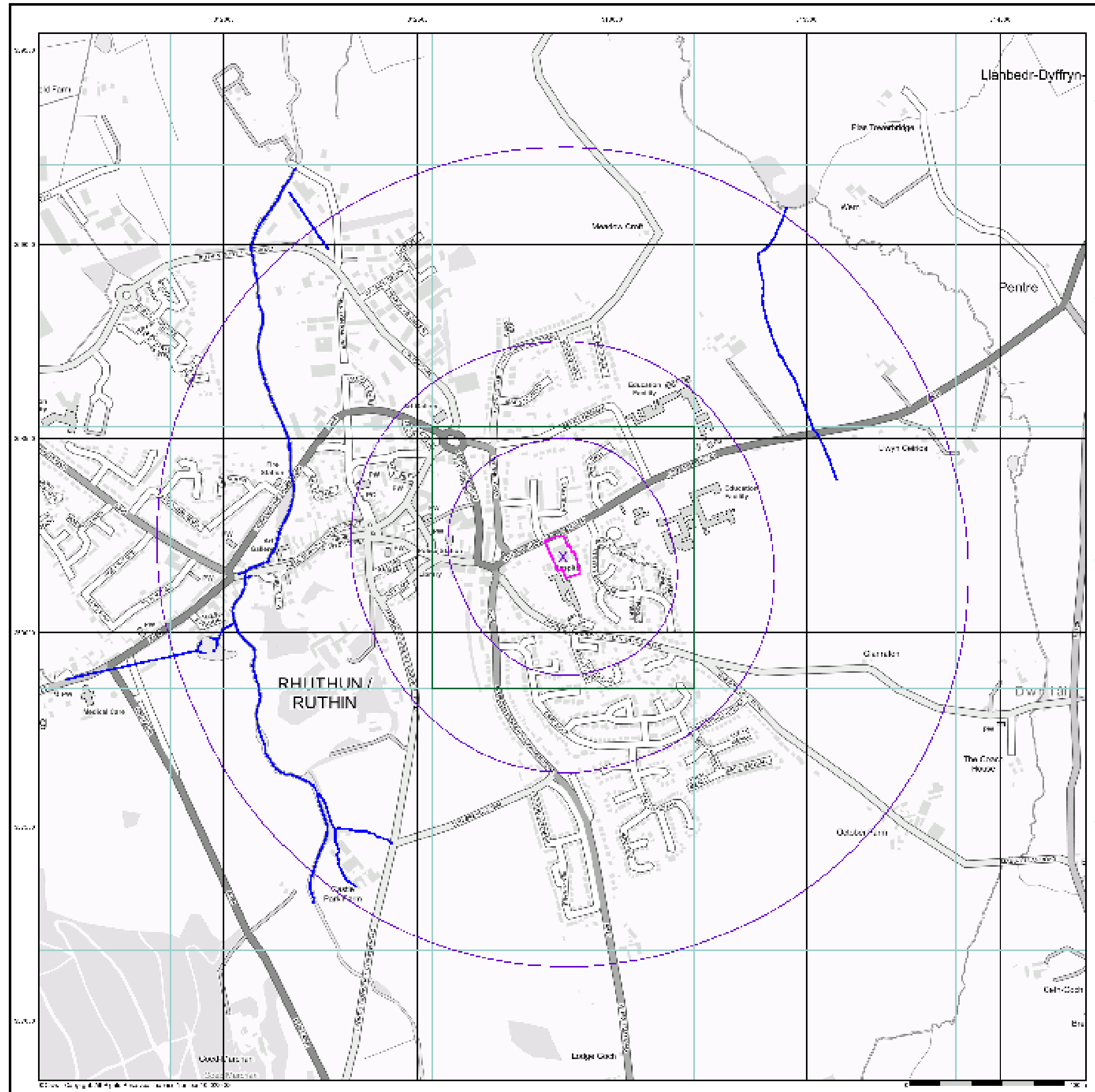
### Borehole Map - Slice A



**Order Details**

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000













**Site Details**  
 19, Rhos Street, RUTHIN, LL15 1DU



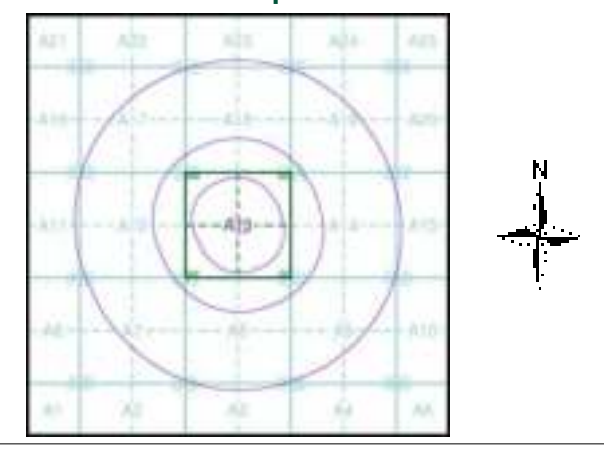
### General

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

### OS Water Network Data

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

### OS Water Network Map - Slice A



### Order Details

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

19, Rhos Street, RUTHIN, LL15 1DU





Registered Office: InTec, Parc Menai, Bangor, Gwynedd, LL57 4FG

**Tel:** 01248 672666

**Fax:** 01248 672601

**Email:** [contact@caulmert.com](mailto:contact@caulmert.com)

**Web:** [www.caulmert.com](http://www.caulmert.com)

# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Cobble		Roads		Marsh
	Mixed Wood		Deciduous		Broadwood
	Lime		Rough Pasture		
	Arrow dangles low of water		Ingeometrical Station		
	Site of Antiquity		Bench Mark		
	Pump, Quilt, Tree, Signal Post		Well, Spring, Boundary Post		
	Surface Level				
	Scale of Contour		Instrumental Contour		
	Main Road		Minor Roads		
	Banked Road		Railway Road		
	Road over Railway		Railway over River		
	Tunnel over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Borough Boundary (Scotland)				
	Local District Boundary				
	Civil Parish Boundary				

## Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Jagged Pit or Quarry
	Refuse or Slag Heap		Lakes, Loch or Pond
	Dune		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Dwarf Scrub
	Coppice		Rough Grass and Scrub
	Hedge		Walls, Roads
	Sailings		
	Maunder		Direction of Flow of Water
	Glasshouse		Slings
	Sapping Masonry		Sand
	Fyln		Electricity Transmission Line
	Fyln		
	Culvert		Standard Gauge Multiple Track
	Foot Path		Standard Gauge Single Track
	Foot Path		Siding, Tramway or Mineral Line
	Foot Path		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Civil Parish Boundary, Urban or Rural District, Borough or Town Council		
	Search Range, County Constituency, Electoral Ward or Polling District		
	Poll Path		
	Boundary, Pier or Stone		Pillar Stone
	Chapel		Post Office
	Church		Public Conveniences
	Fire Engine Station		Public House
	Footbridge		Signal Post
	Fountain		Spring
	Gull Nest		Telephone Call Box
	Mill Race		Telephone Call Point
	Mill Stone		Well

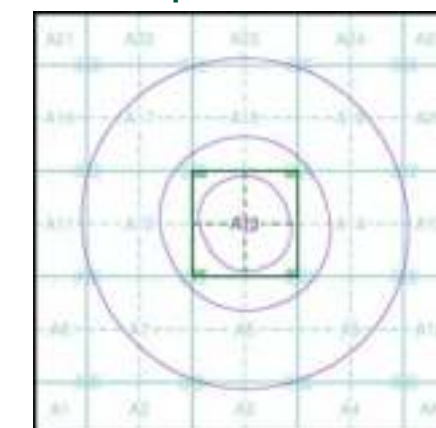
## 1:10,000 Raster Mapping

	Gravel Pit		Refuse tip or slag heap
	Rack		Track (cellarless)
	Boulders		Towers (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slates		Top of cliff
	General canal		Underground culvert
	Overhead canal		Narrow gauge railway
	Multiple railway		Single track railway
	County boundary (England)		Civil parish or community boundary
	District, Urban, Metropolitan, London Borough boundary		Constituency boundary
	Area of woodland (vegetation)		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Pavilion tree
	Orchard		Copse or Colony
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Seeps
	Water feature		Fish weirs
	Mean high water (average)		Mean low water (spring)
	Telephone line (above ground)		Electricity transmission or line (with poles)
	Benchmark (white stone)		Triangular station
	Point feature (e.g. Gull Nest or Mill Stone)		Pylon, Mast stack or lighting tower
	Site of Antiquity		Glasshouse
	General Building		Important Building

### Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Denbighshire	1:10,560	1879	2
Denbighshire	1:10,560	1900	3
Denbighshire	1:10,560	1914	4
Denbighshire	1:10,560	1938 - 1953	5
Denbighshire	1:10,560	1953	6
Ordnance Survey Plan	1:10,000	1963	7
Ordnance Survey Plan	1:10,000	1975	8
Ordnance Survey Plan	1:10,000	1993	9
10K Raster Mapping	1:10,000	2000	10
Street View	Variable		11

### Historical Map - Slice A

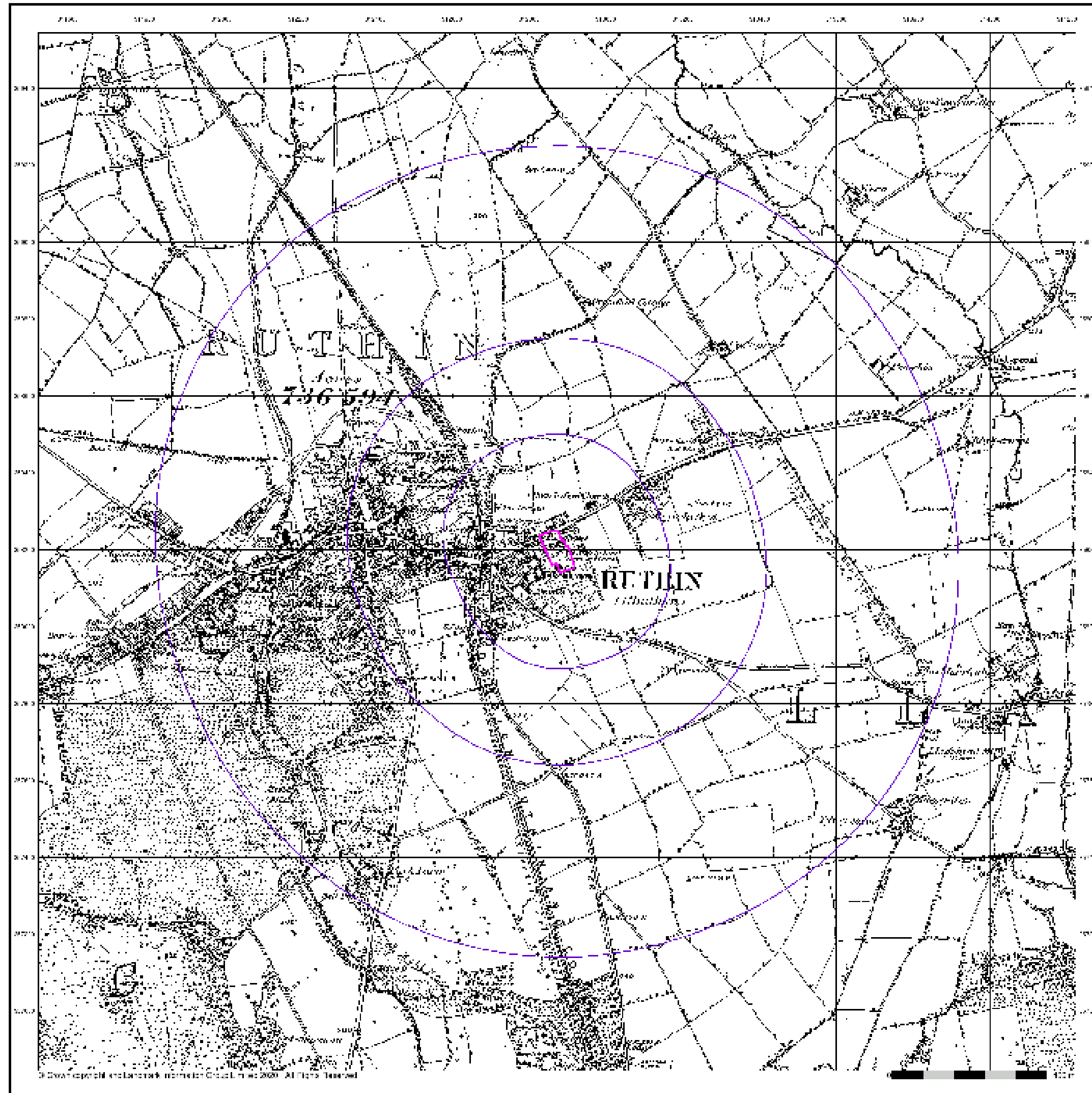


### Order Details

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

19, Rhos Street, RUTHIN, LL15 1DU



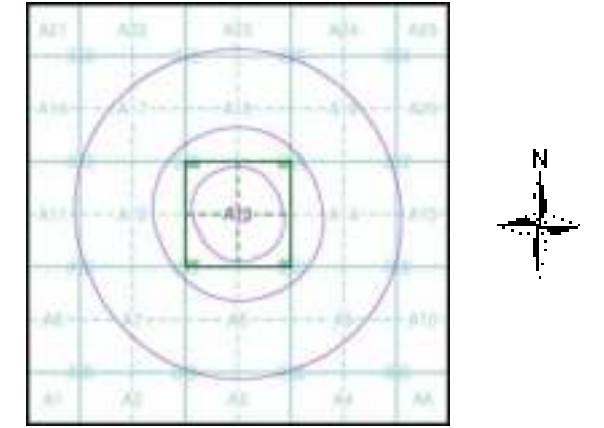
**Denbighshire**  
**Published 1879**  
**Source map scale - 1:10,560**

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)**

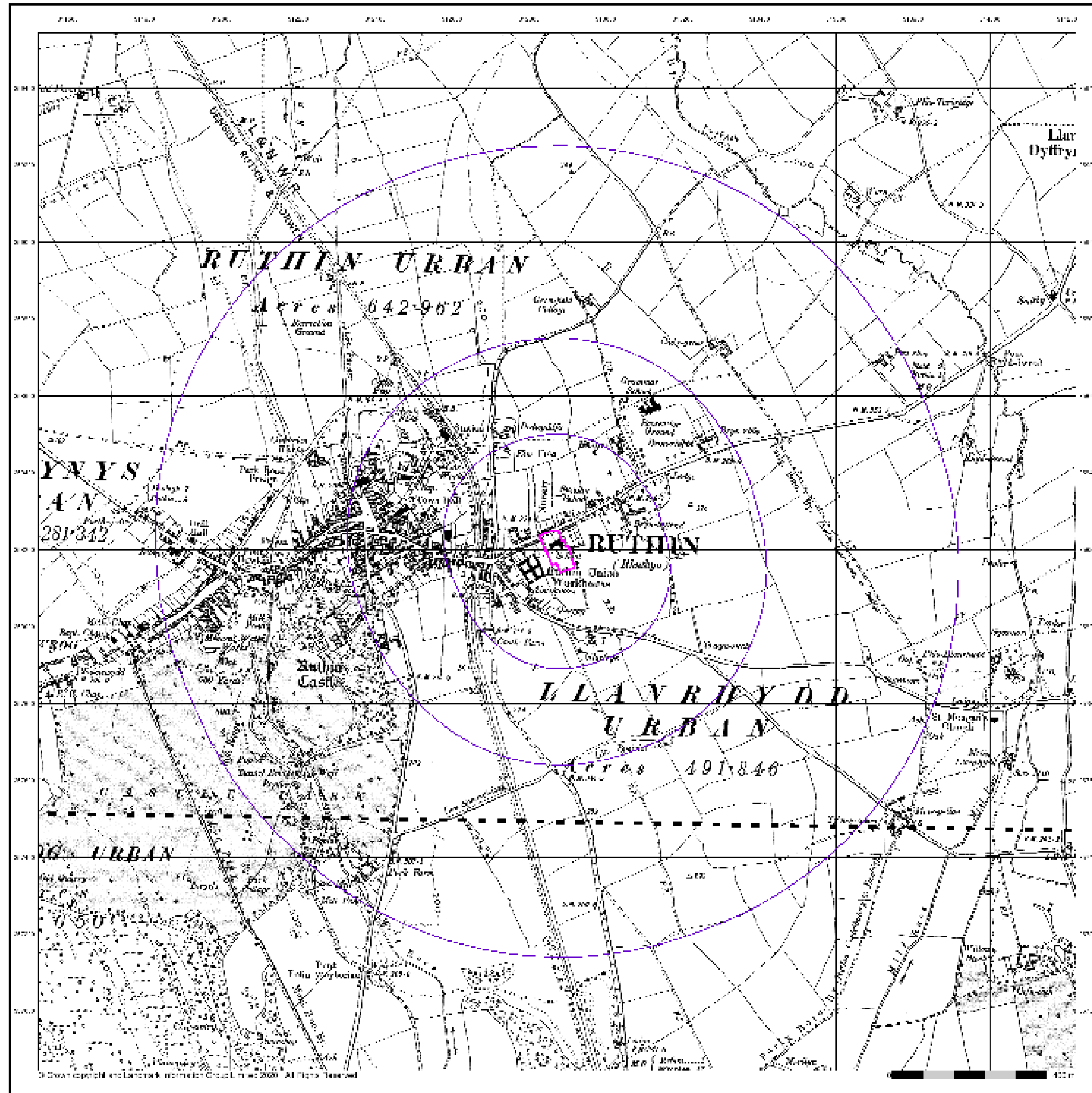


**Historical Map - Slice A**



**Order Details**  
 Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
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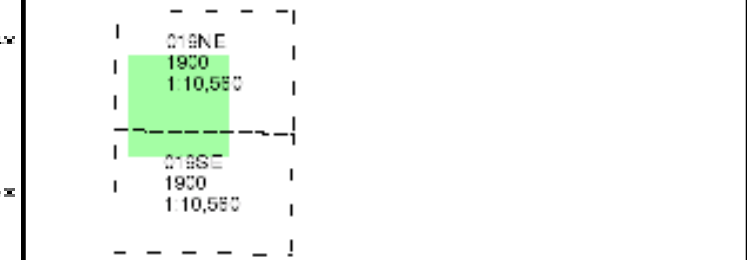
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 19, Rhos Street, RUTHIN, LL15 1DU



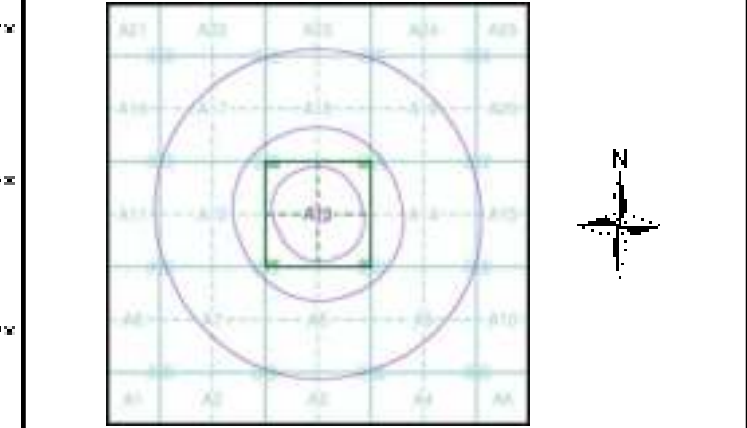
**Denbighshire**  
**Published 1900**  
**Source map scale - 1:10,560**

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)**

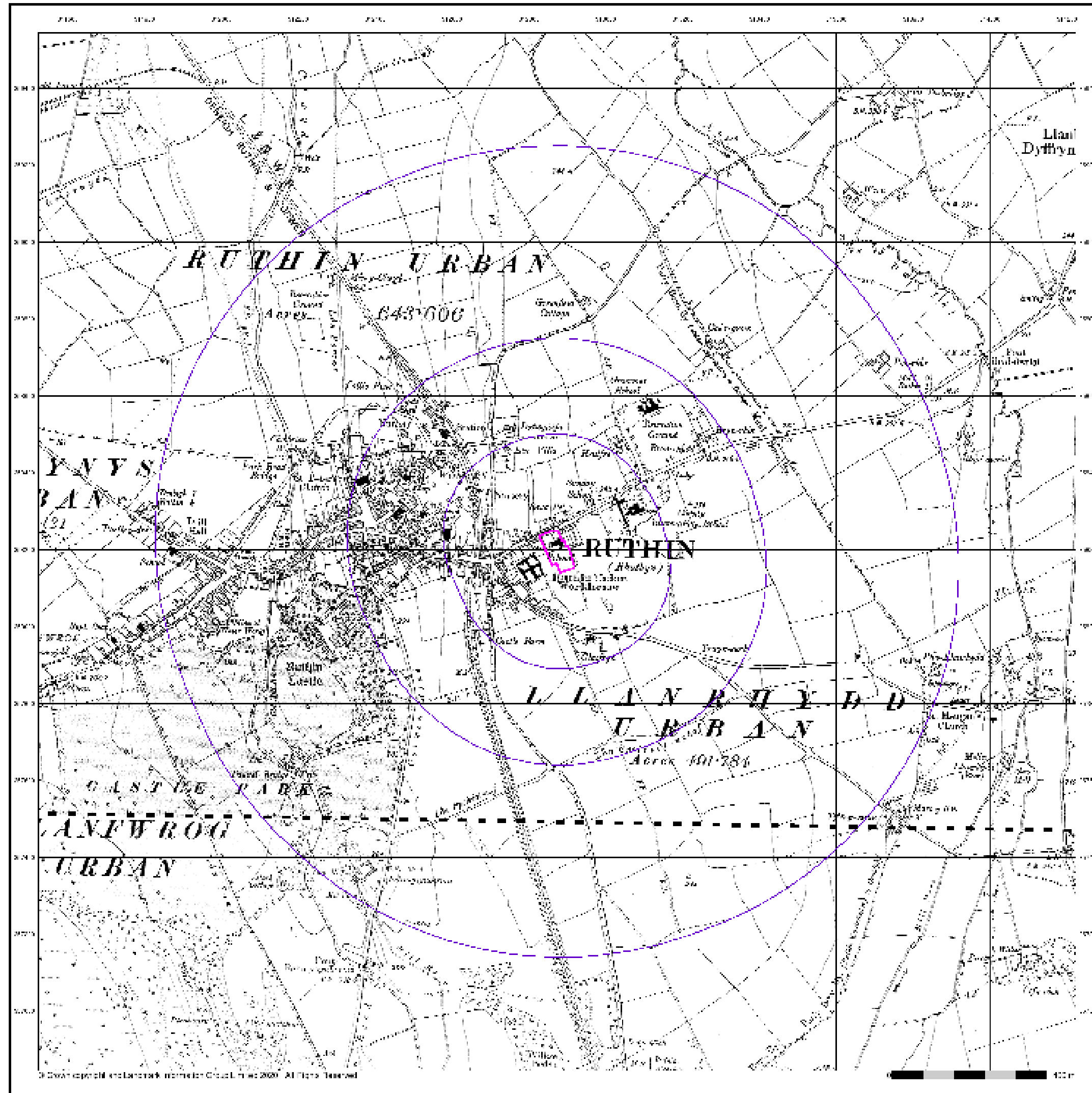


**Historical Map - Slice A**



**Order Details**  
 Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

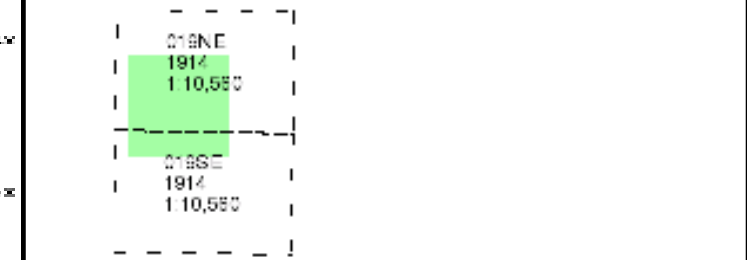
**Site Details**  
 19, Rhos Street, RUTHIN, LL15 1DU



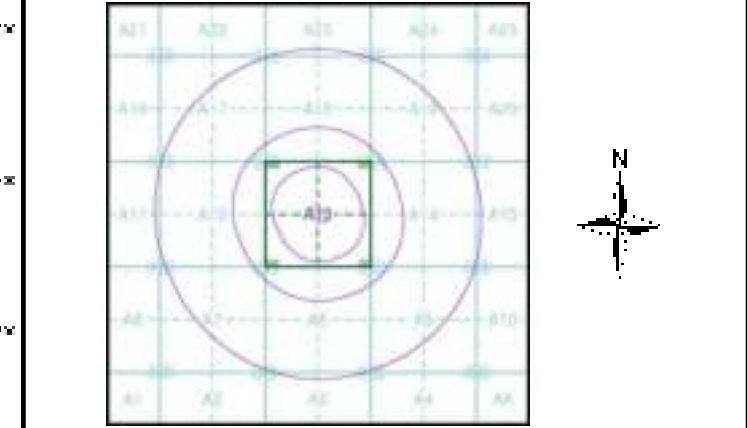
**Denbighshire**  
**Published 1914**  
**Source map scale - 1:10,560**

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)**

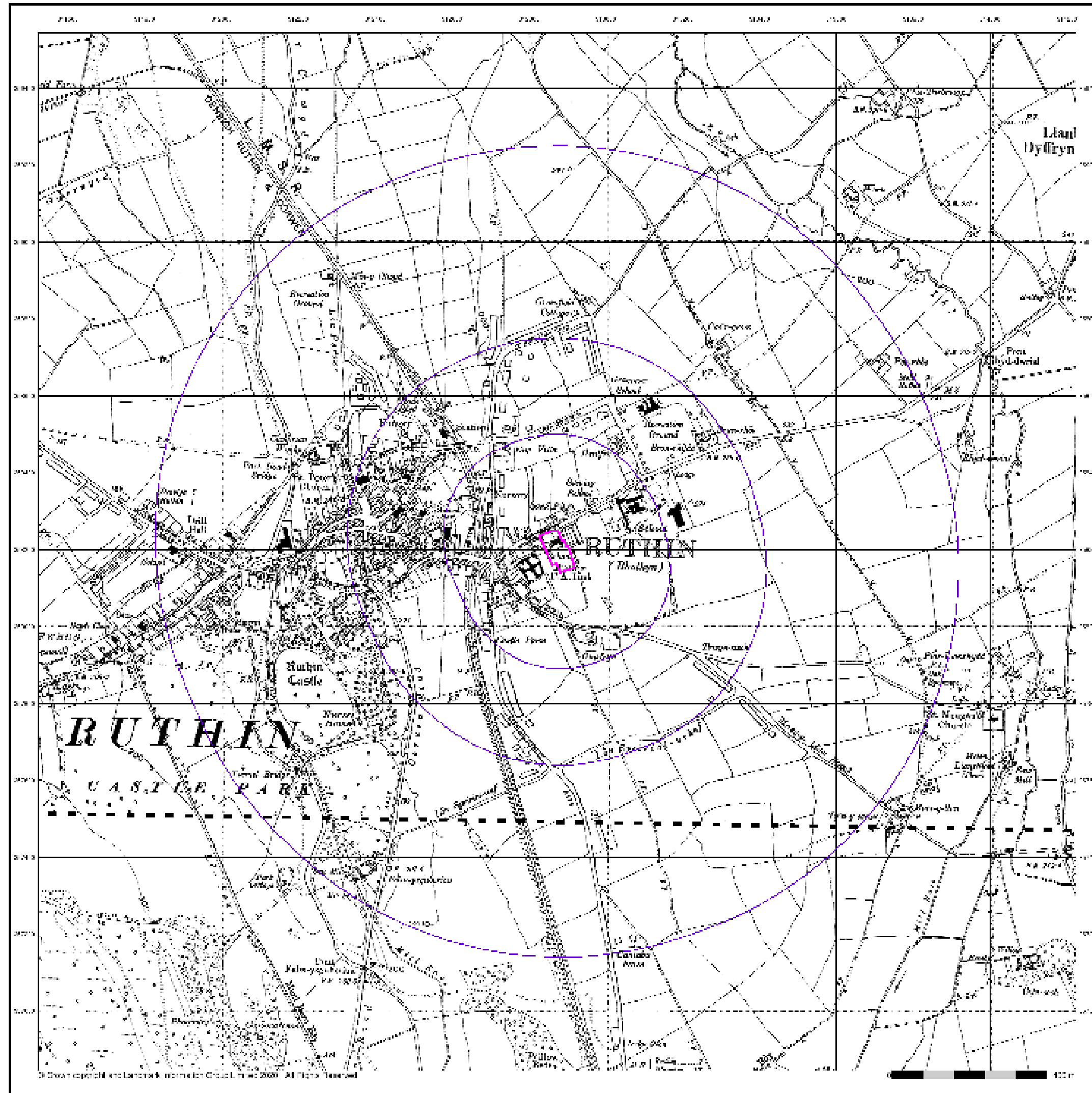


**Historical Map - Slice A**



**Order Details**  
 Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
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 Search Buffer (m): 1000

**Site Details**  
 19, Rhos Street, RUTHIN, LL15 1DU



## Denbighshire

Published 1938 - 1953

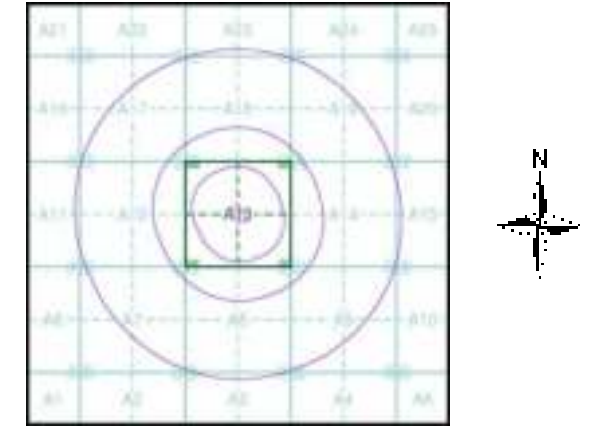
Source map scale - 1:10,560

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)

OSNE	1938
1:10,560	
OSSE	1953
1:10,560	

### Historical Map - Slice A

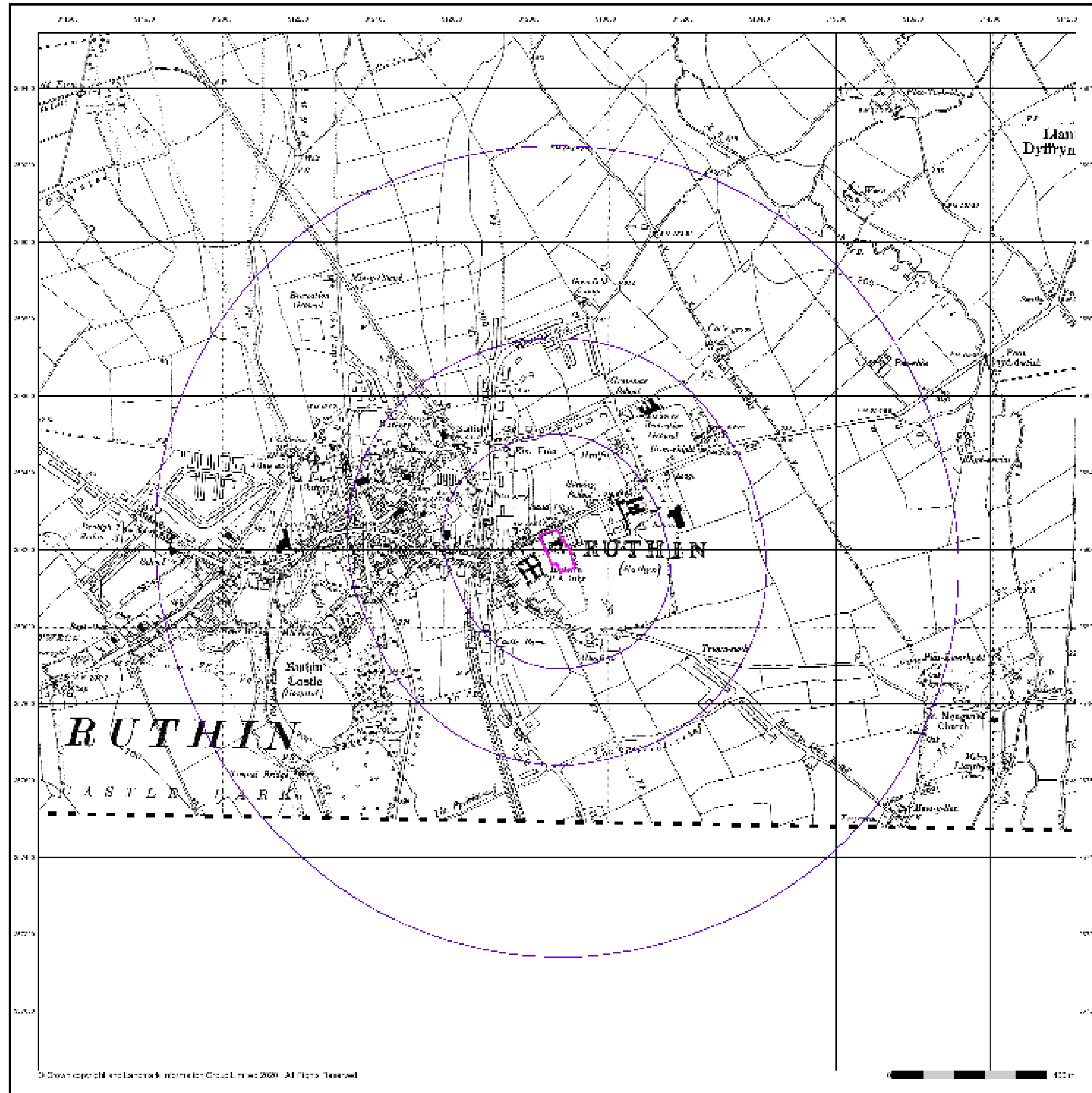


### Order Details

Order Number:	270678250_1_1
Customer Ref:	4865
National Grid Reference:	312870, 358200
Slice:	A
Site Area (Ha):	0.55
Search Buffer (m):	1000

### Site Details

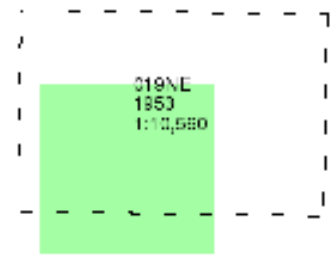
19, Rhos Street, RUTHIN, LL15 1DU



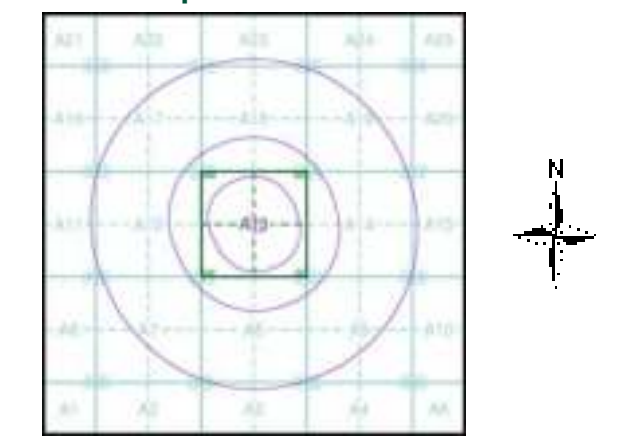
**Denbighshire**  
**Published 1953**  
**Source map scale - 1:10,560**

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)**

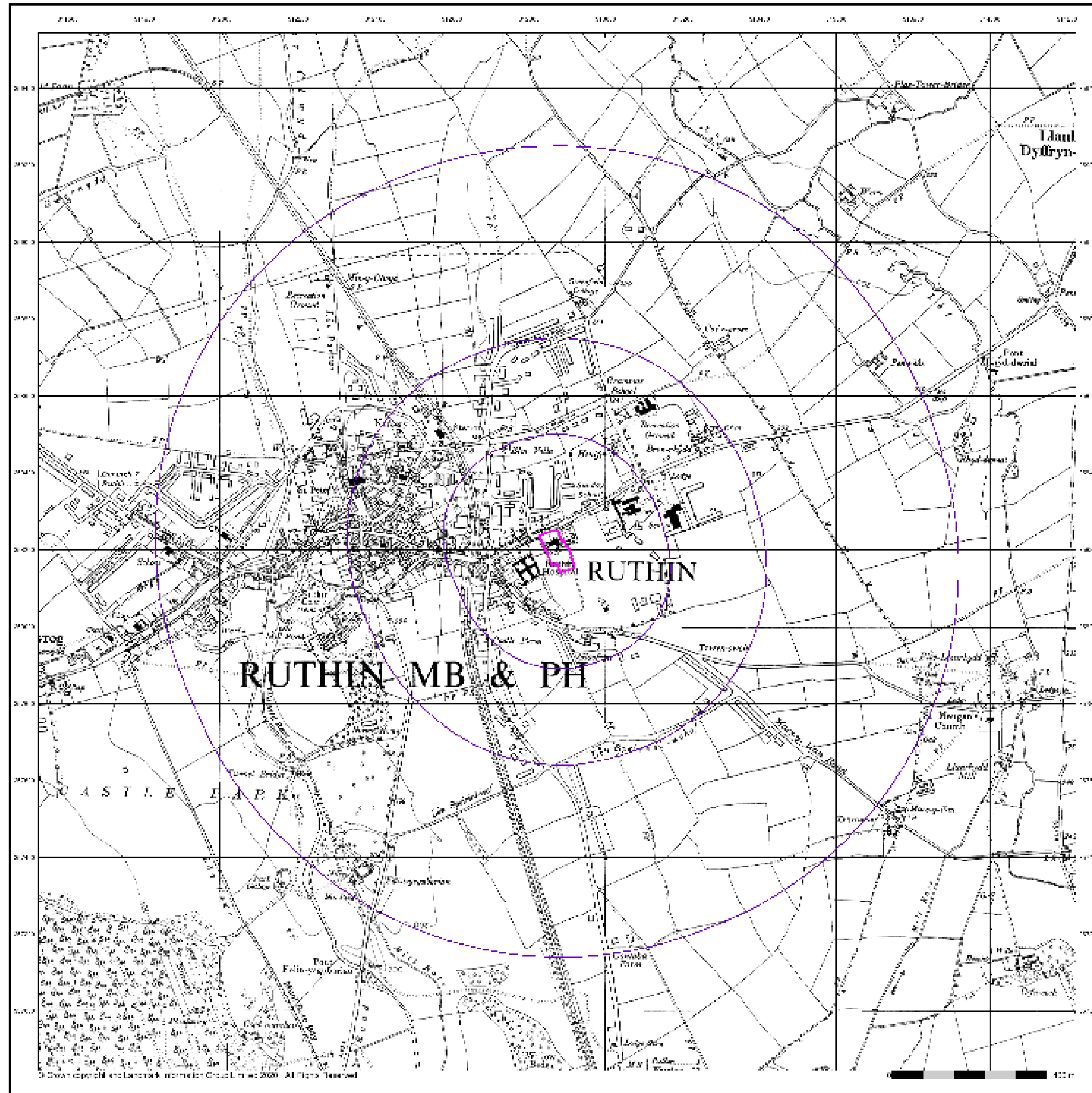


**Historical Map - Slice A**



**Order Details**  
 Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
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**Site Details**  
 19, Rhos Street, RUTHIN, LL15 1DU



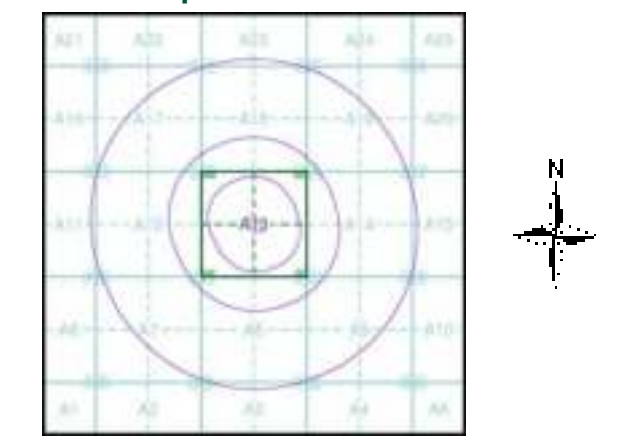
## Ordnance Survey Plan Published 1963 Source map scale - 1:10,000

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)

SJ15NW  
1963  
1:10,560

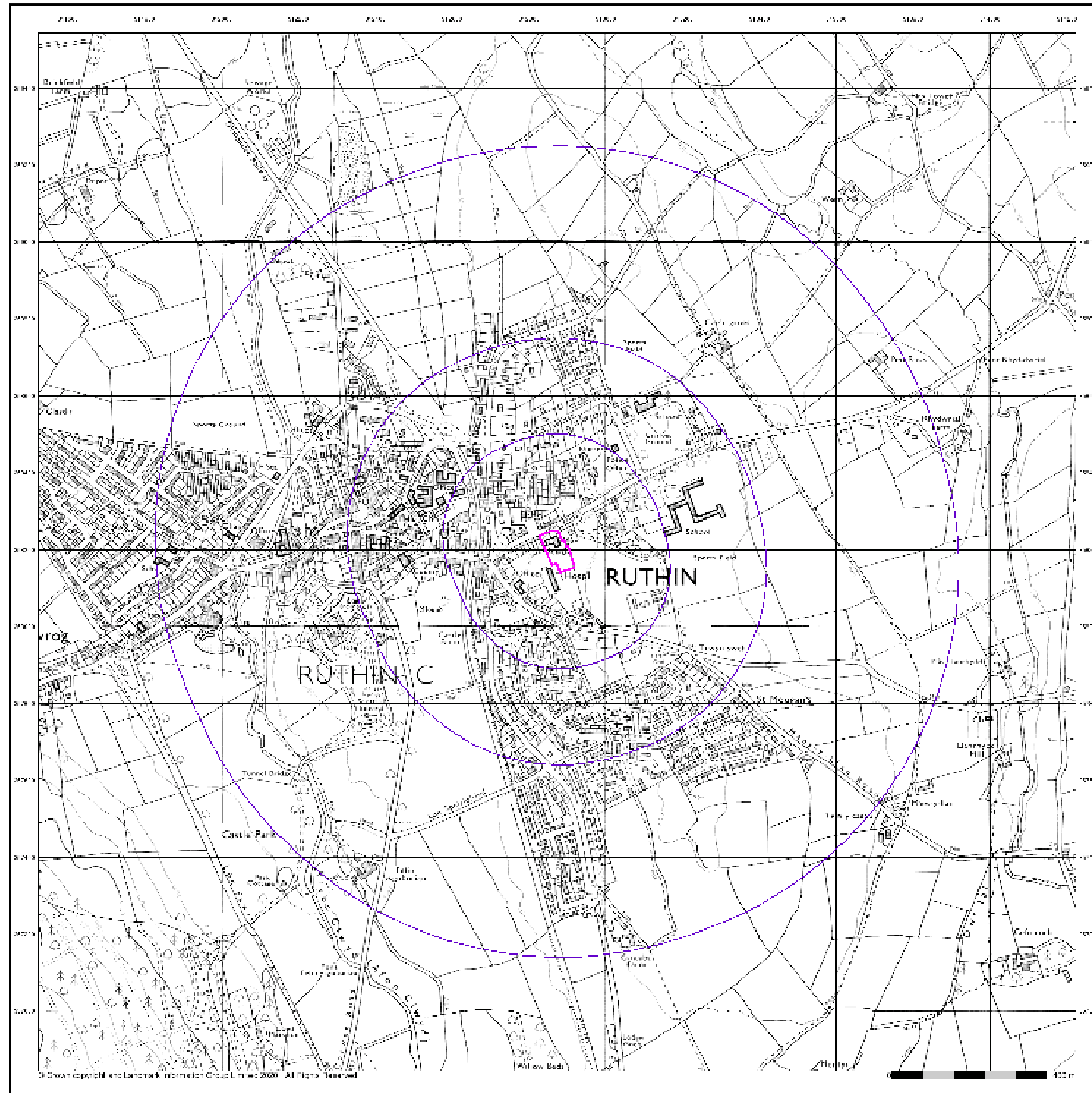
### Historical Map - Slice A



**Order Details**  
 Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**  
 19, Rhos Street, RUTHIN, LL15 1DU





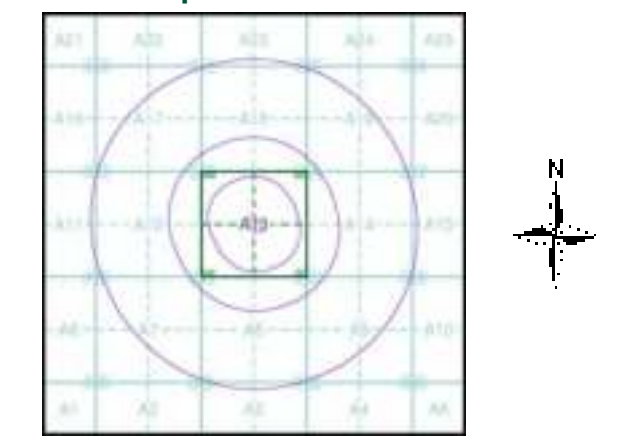
## Ordnance Survey Plan Published 1975 Source map scale - 1:10,000

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)

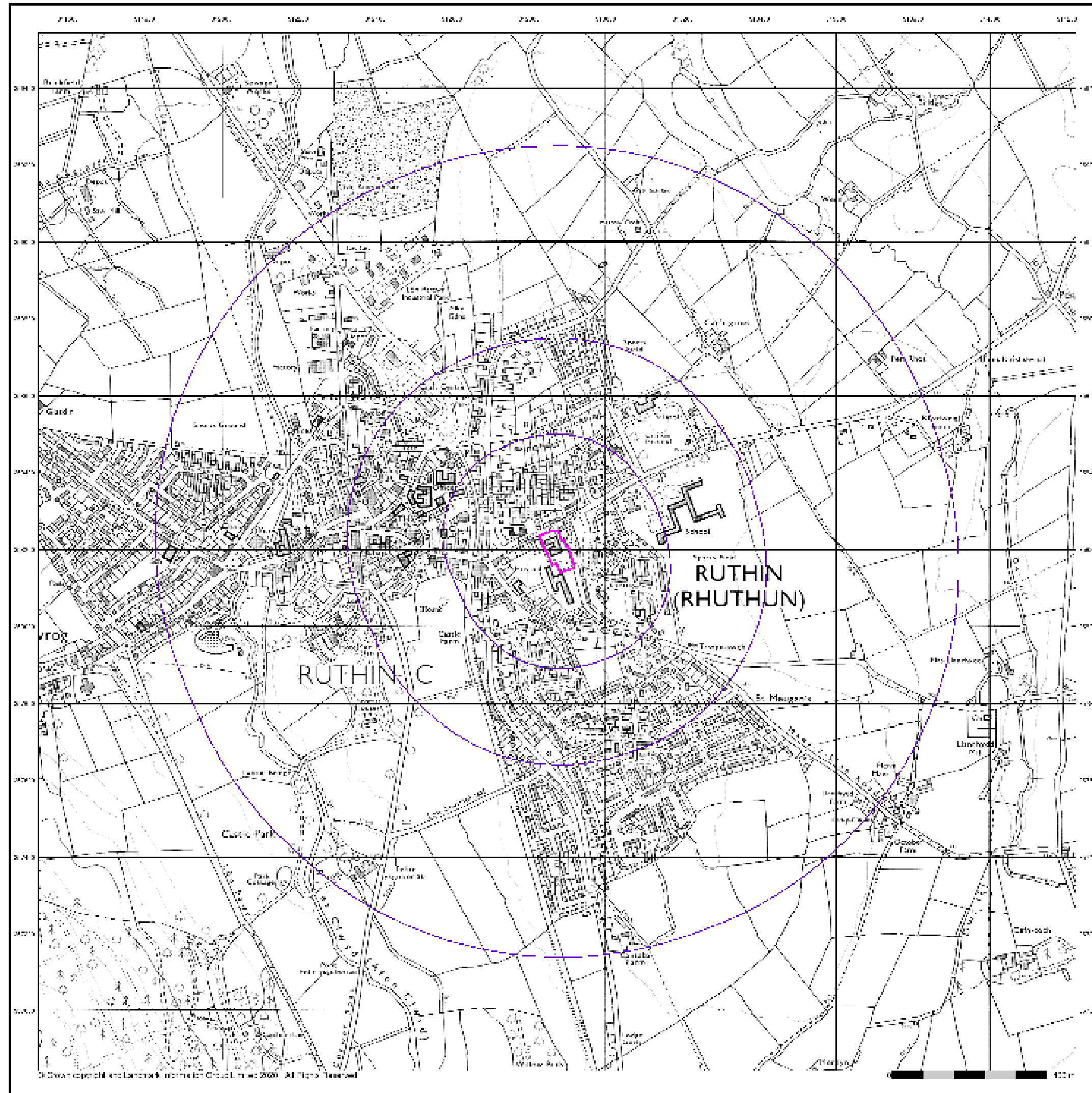
SJ15NW  
1975  
1:10,000

### Historical Map - Slice A



**Order Details**  
 Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**  
 19, Rhos Street, RUTHIN, LL15 1DU



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## Ordnance Survey Plan

Published 1993

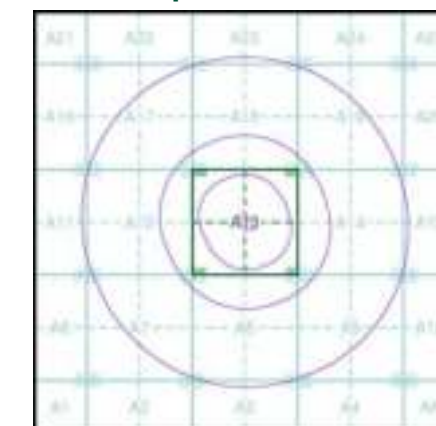
Source map scale - 1:10,000

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)

SJ15NW  
1993  
1:10,000

### Historical Map - Slice A

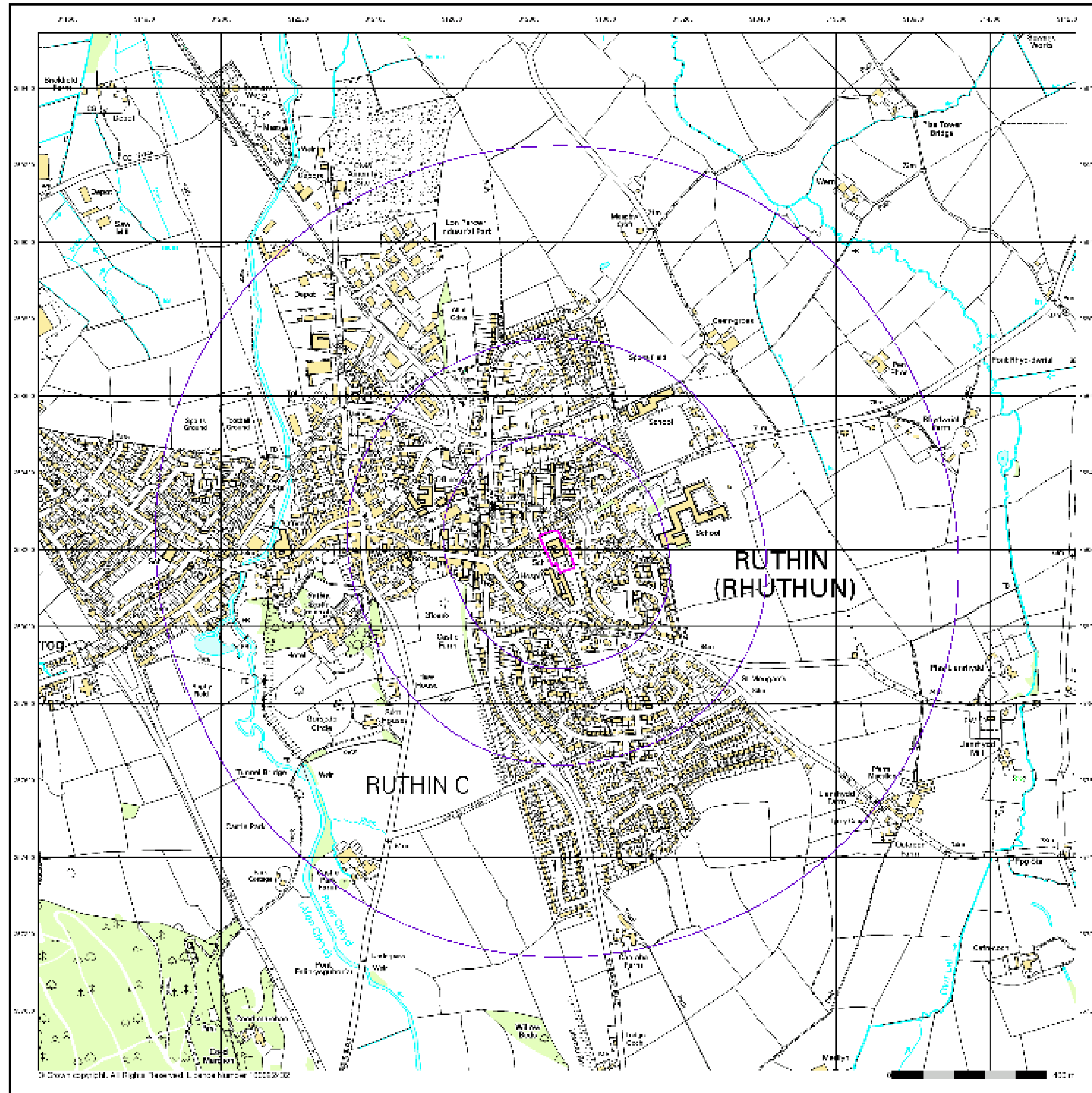


### Order Details

Order Number: 270678250\_1\_1  
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 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

### Site Details

19, Rhos Street, RUTHIN, LL15 1DU

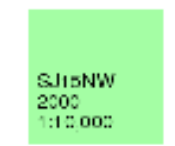


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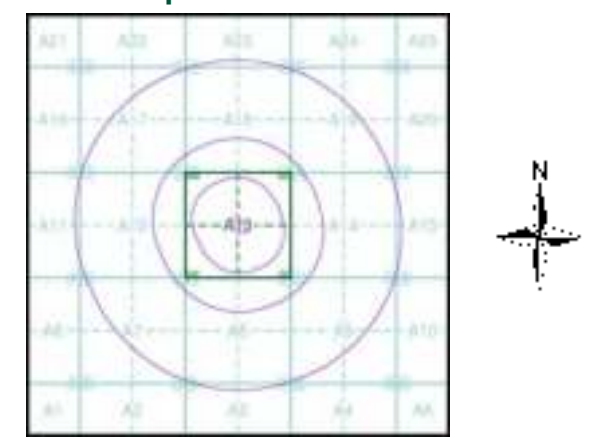
**10k Raster Mapping**  
**Published 2000**  
**Source map scale - 1:10,000**

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

**Map Name(s) and Date(s)**

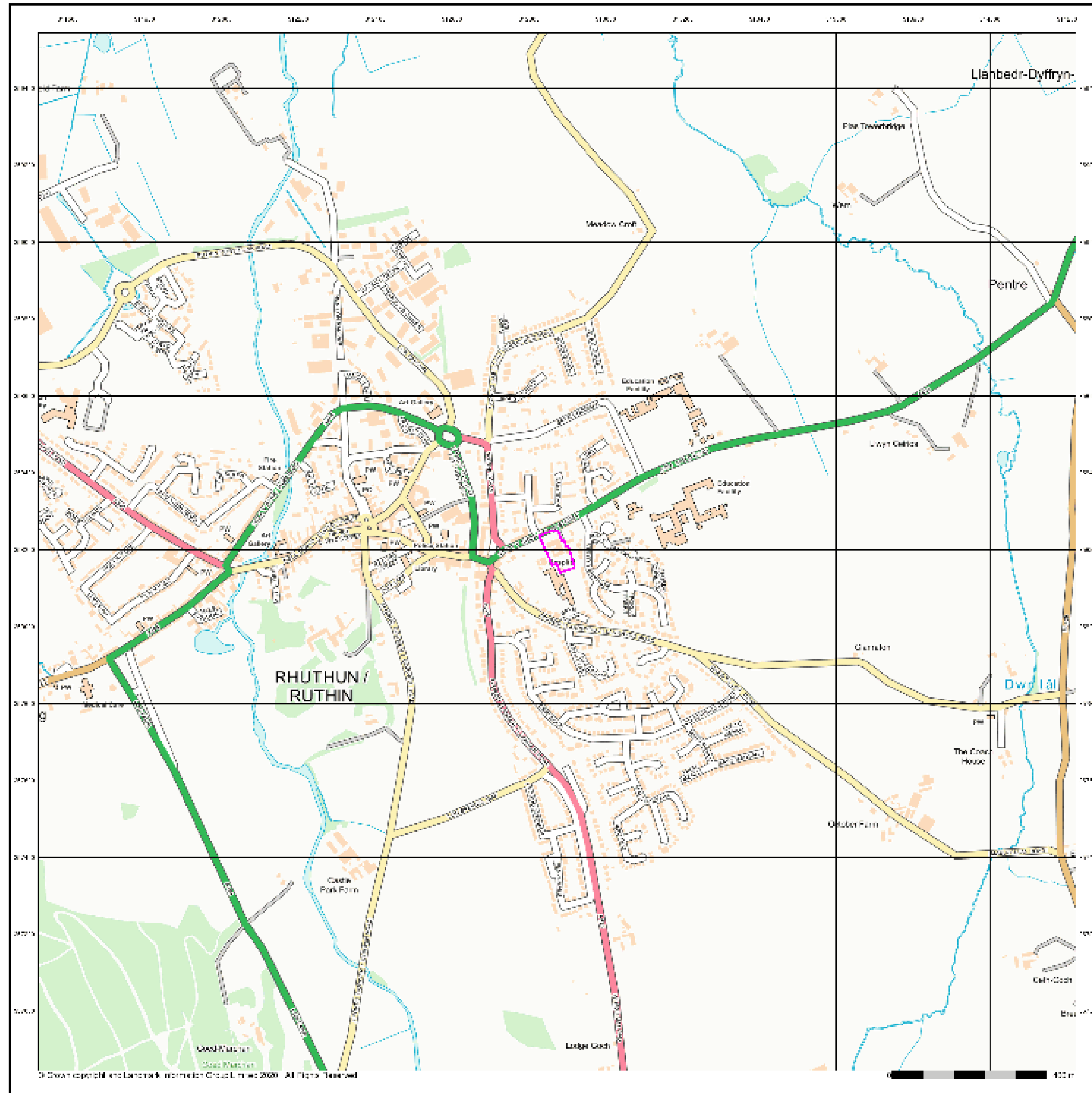


**Historical Map - Slice A**



**Order Details**  
 Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 1000

**Site Details**  
 19, Rhos Street, RUTHIN, LL15 1DU



## Street View

Published 2020

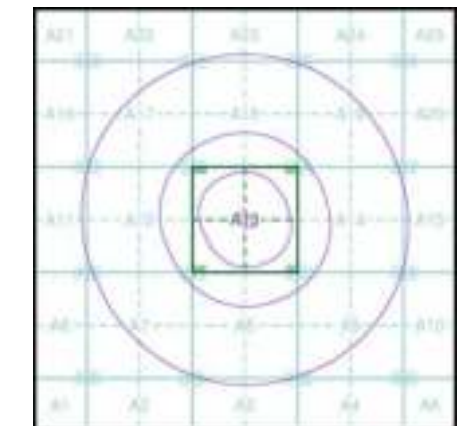
Source map scale - 1:10,000

Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

## Map Name(s) and Date(s)



## Street View Map - Slice A



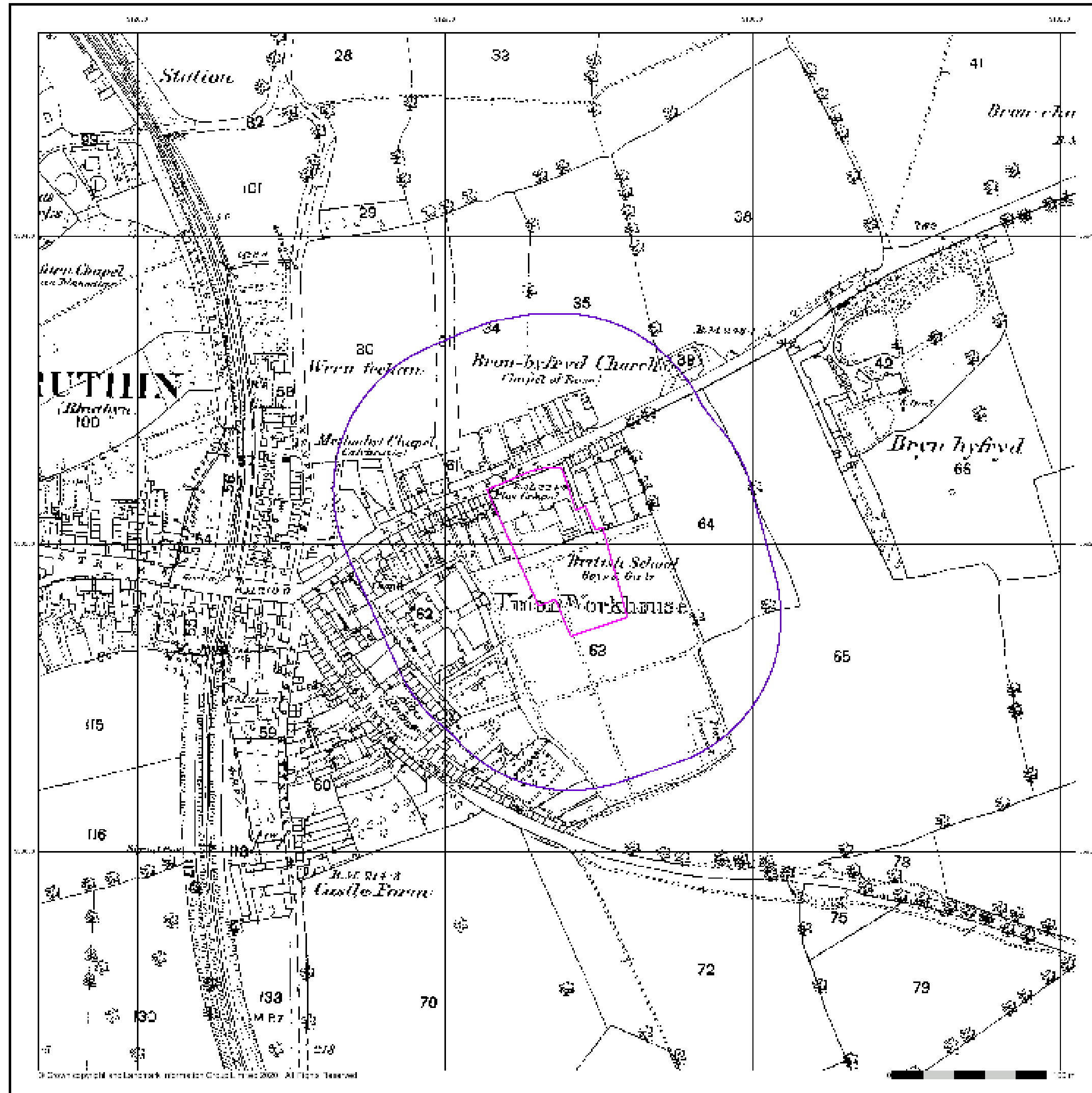
## Order Details

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
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## Site Details

19, Rhos Street, RUTHIN, LL15 1DU

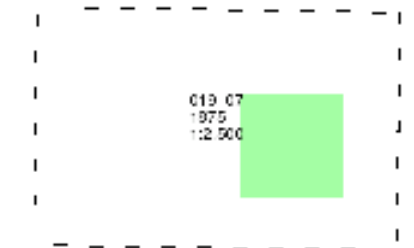




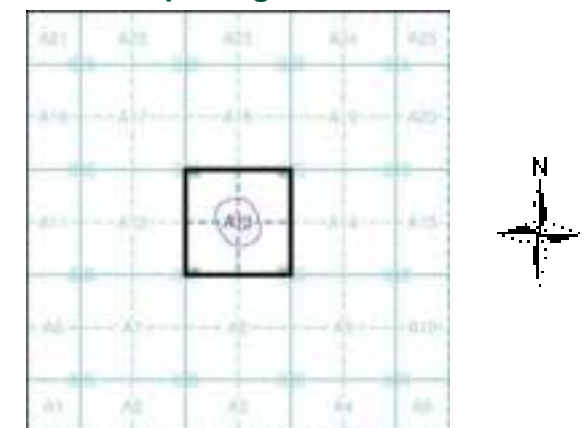
**Denbighshire**  
**Published 1875**  
**Source map scale - 1:2,500**

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)**

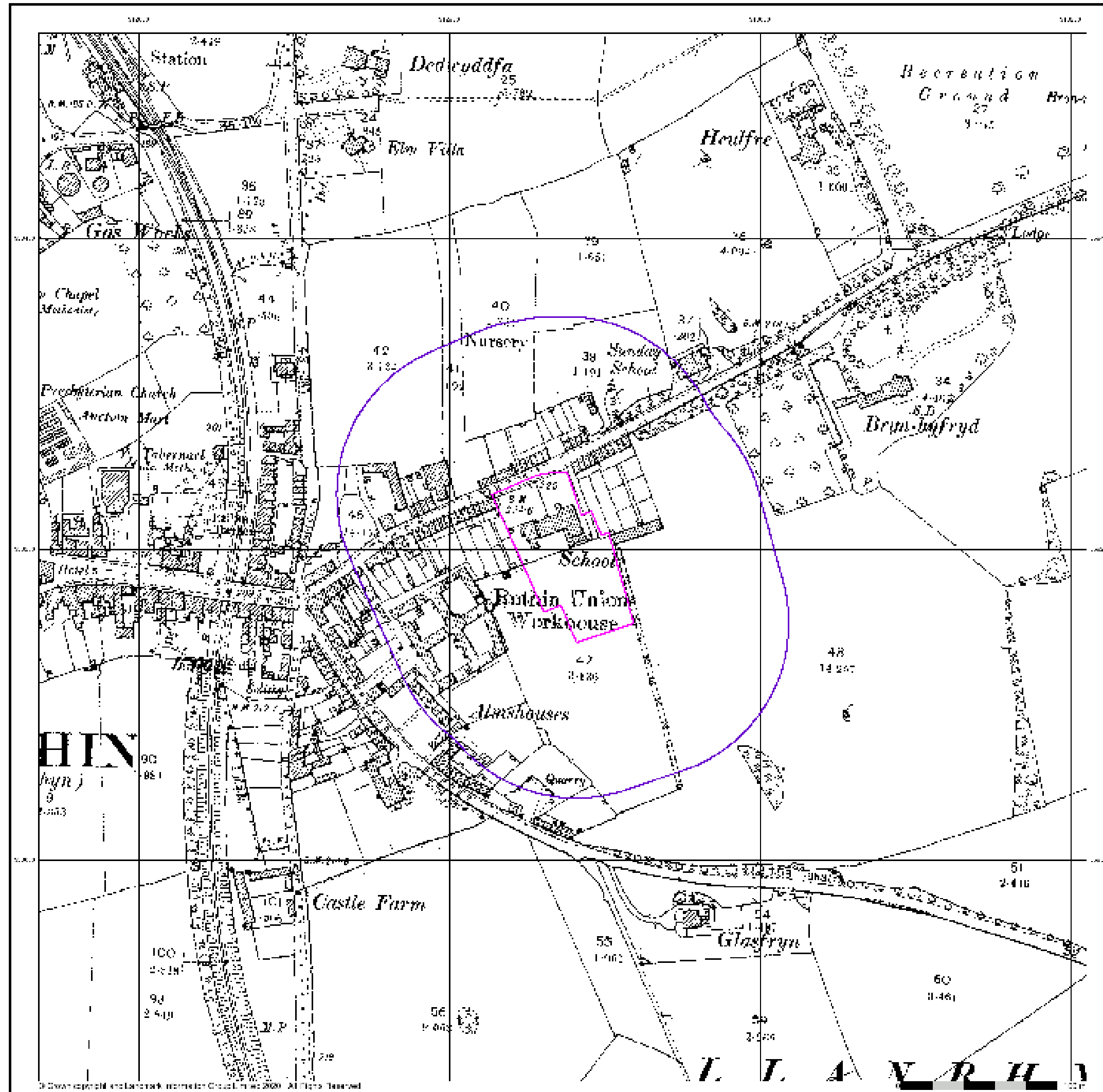


**Historical Map - Segment A13**



**Order Details**  
 Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

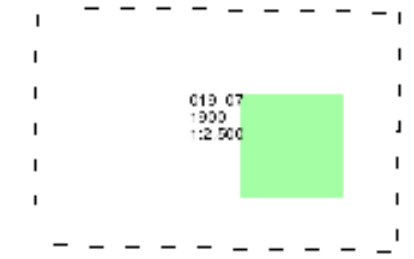
**Site Details**  
 19, Rhos Street, RUTHIN, LL15 1DU



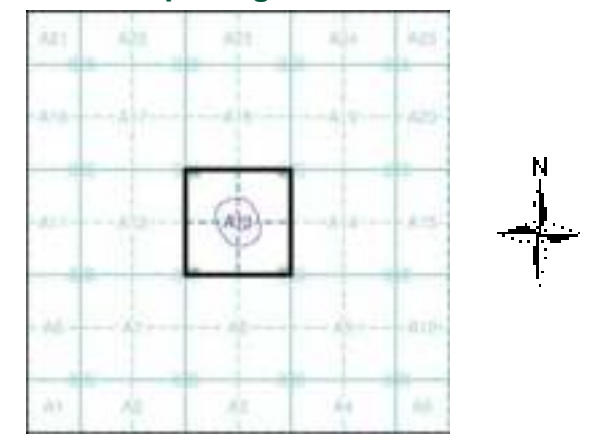
**Denbighshire**  
**Published 1900**  
**Source map scale - 1:2,500**

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: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
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**Site Details**  
 19, Rhos Street, RUTHIN, LL15 1DU

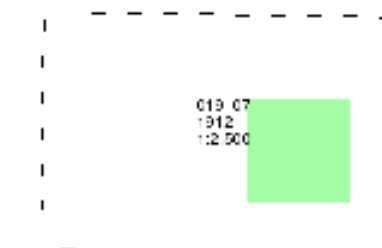
## Denbighshire

Published 1912

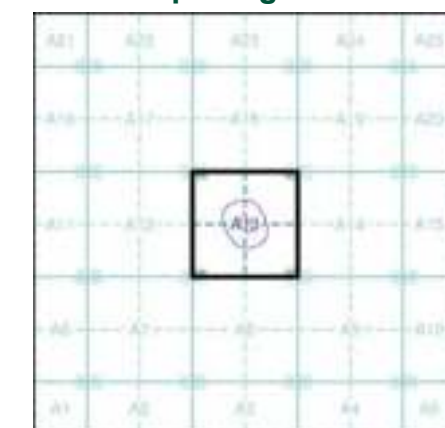
Source map scale - 1:2,500

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

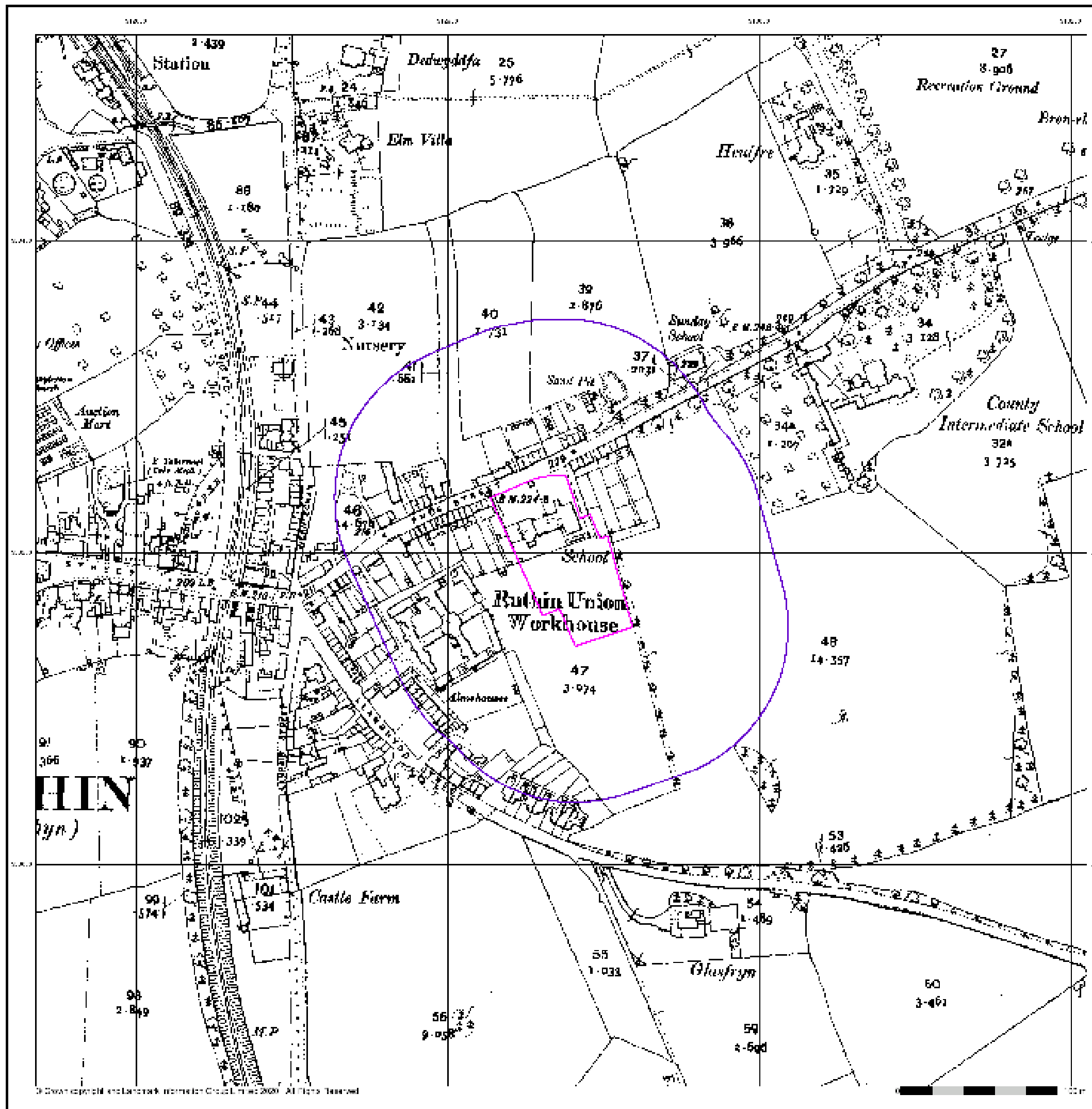


### Order Details

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

19, Rhos Street, RUTHIN, LL15 1DU





## Ordnance Survey Plan

Published 1969

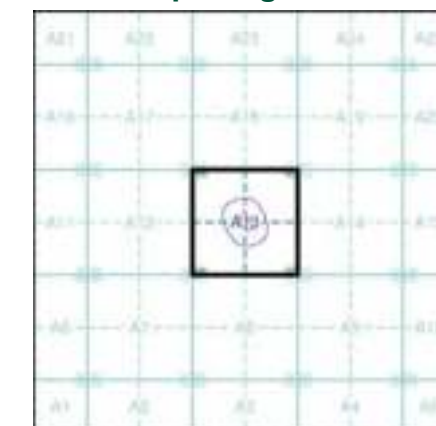
Source map scale - 1:2,500

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)

S.11258	S.11256
1989	1986
12,500	12,500
[Green Highlight]	
S.11257	S.11257
1989	1986
12,500	12,500

### Historical Map - Segment A13

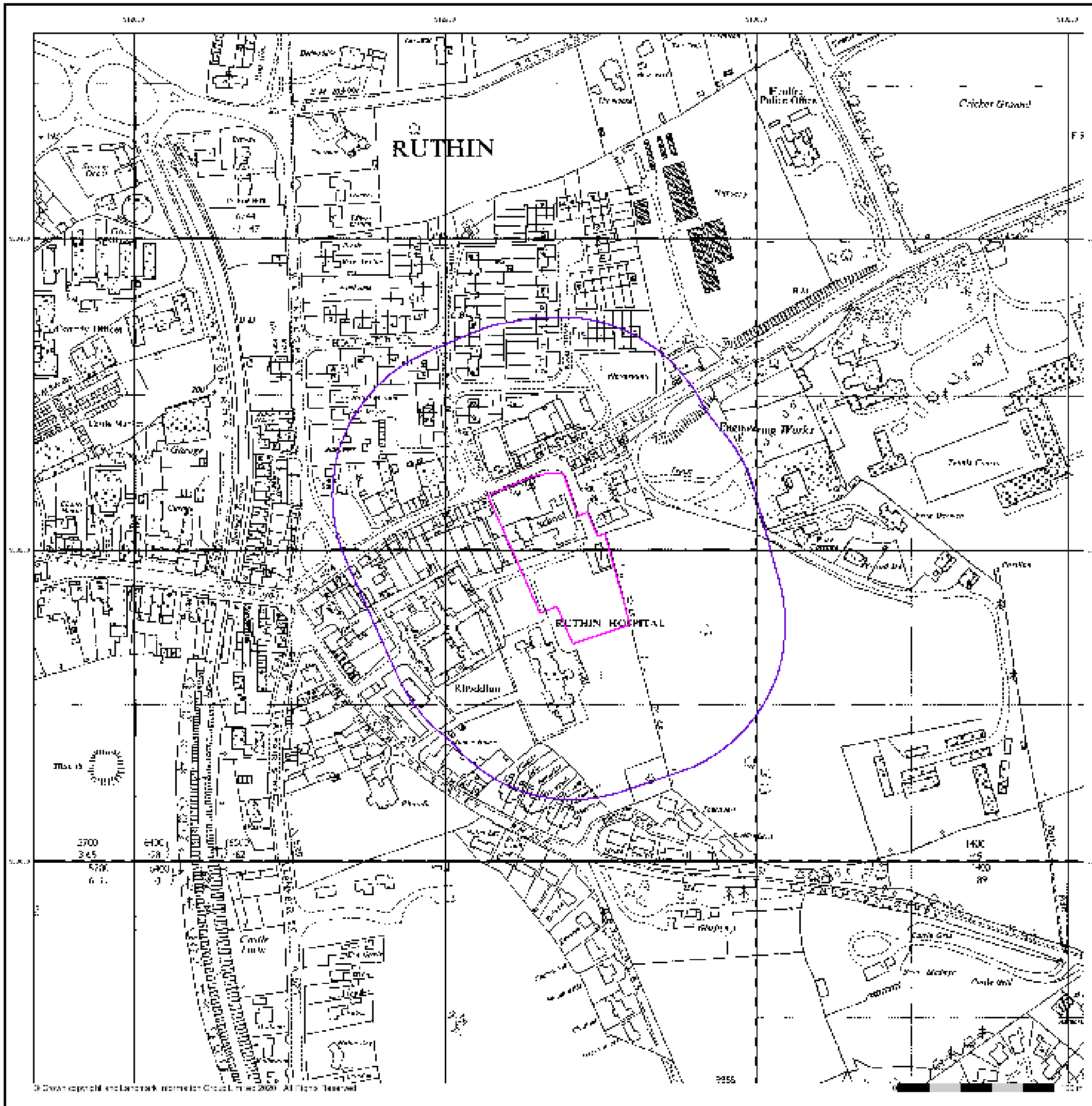


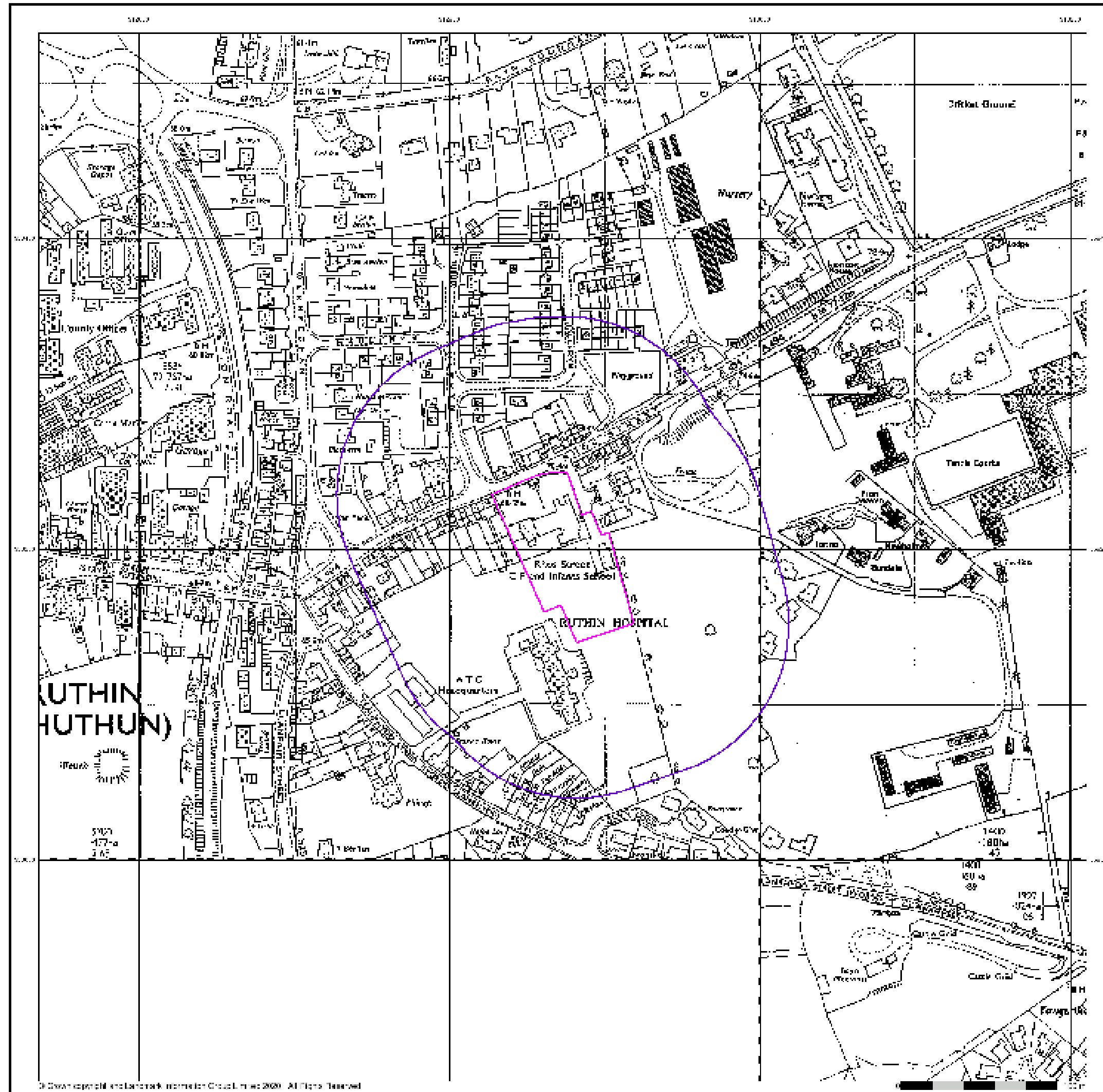
### Order Details

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

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## Additional SIMs

Published 1969 - 1986

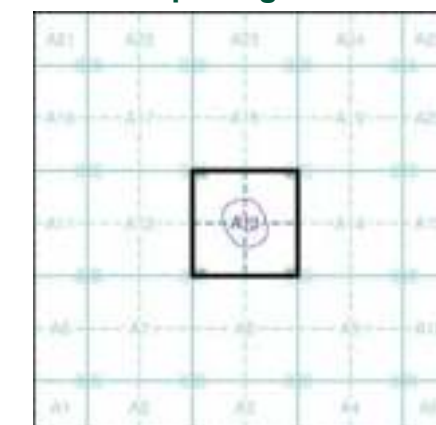
Source map scale - 1:2,500

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)

S:11258	S:1558
1983	1984
1:2,500	1:2,500
---	
	S:1557
	1986
	1:2,500

## Historical Map - Segment A13



## Order Details

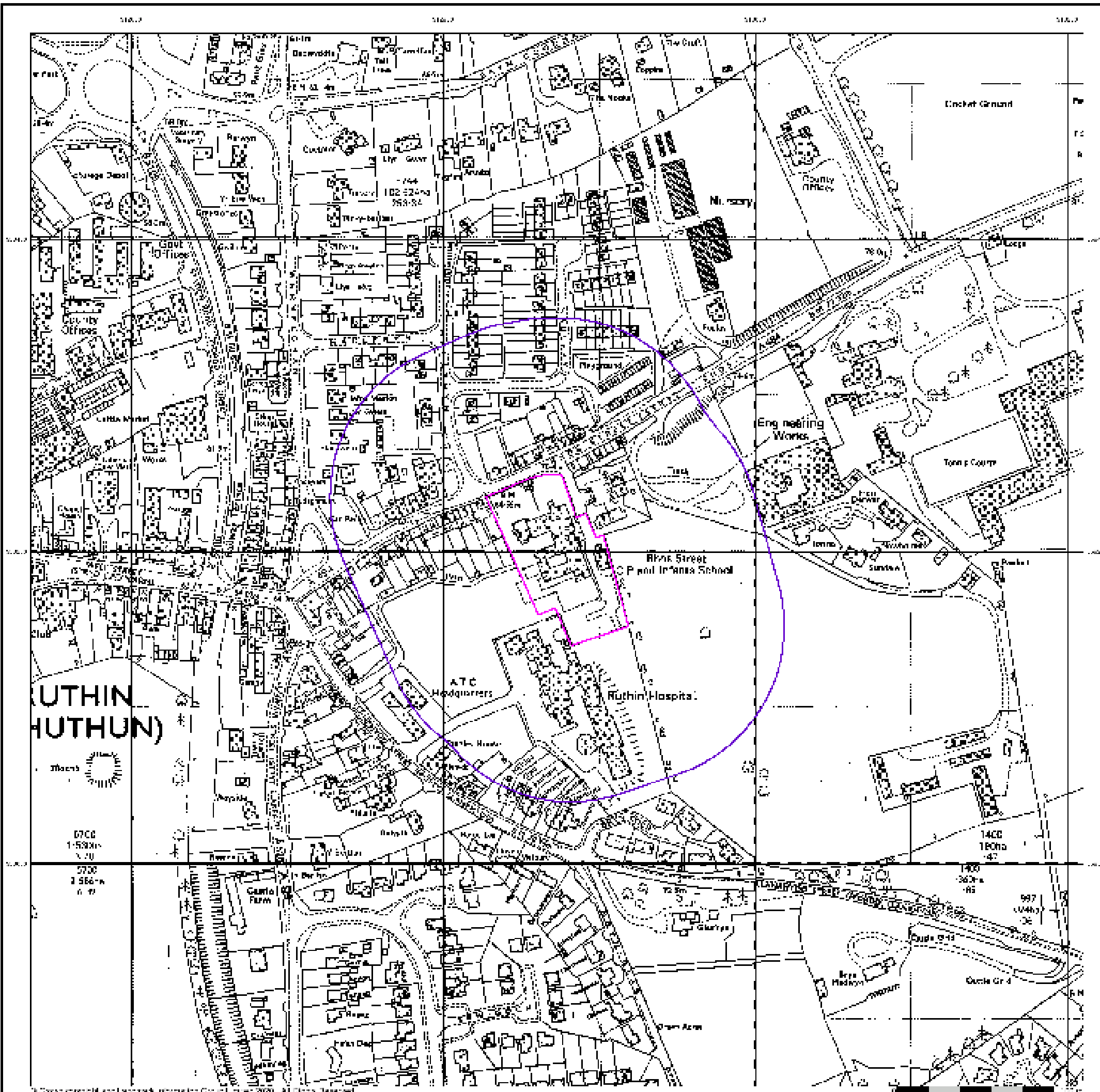
Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

## Site Details

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 INFORMATION GROUP

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



**Ordnance Survey Plan**

Published 1975 - 1984

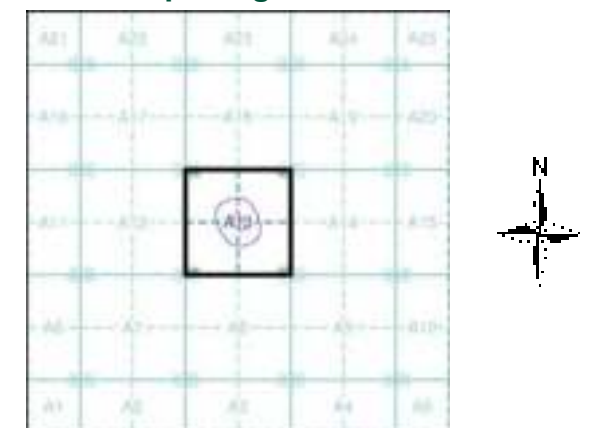
Source map scale - 1:2,500

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)**

S.11258	S.11258
1984	1984
12,500	12,500
S.11257	S.11257
1975	1975
12,500	12,500

**Historical Map - Segment A13**



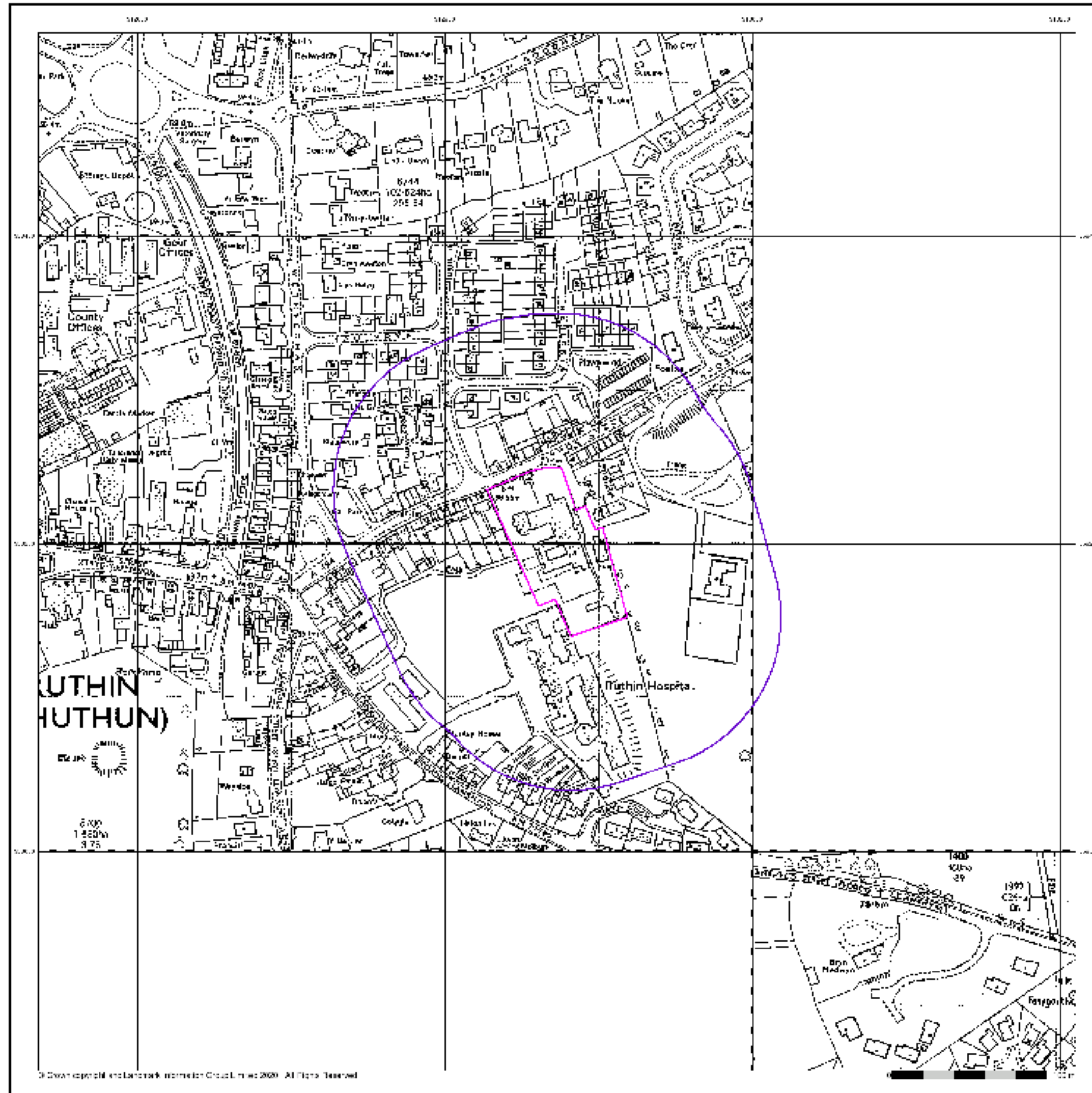
**Order Details**

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

**Site Details**

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## Additional SIMs

Published 1984 - 1988

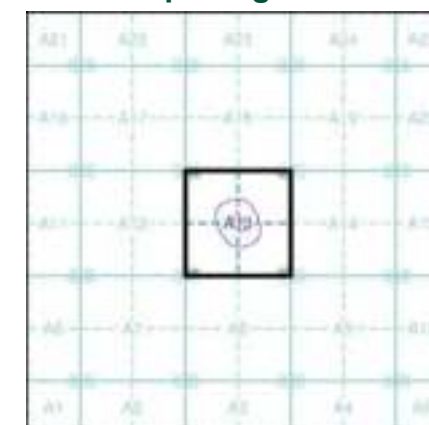
Source map scale - 1:2,500

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: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
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### Site Details

19, Rhos Street, RUTHIN, LL15 1DU

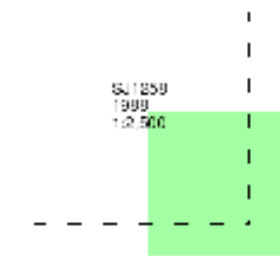
## Additional SIMs

Published 1988

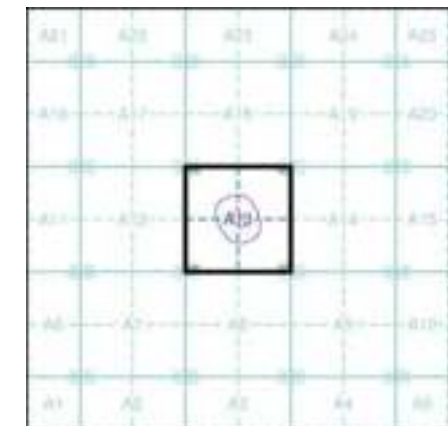
Source map scale - 1:2,500

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

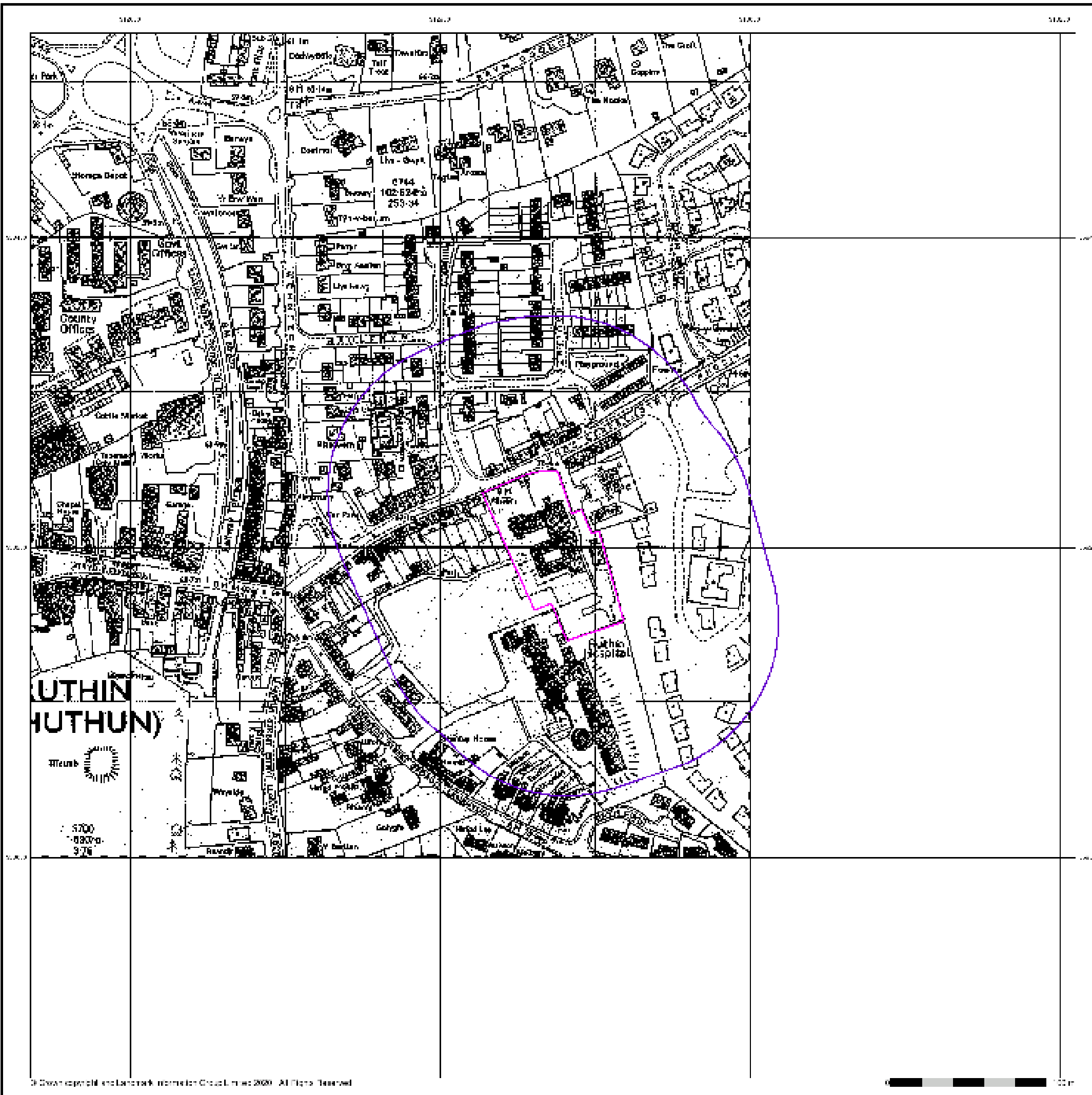


## Order Details

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

## Site Details

19, Rhos Street, RUTHIN, LL15 1DU



## Large-Scale National Grid Data

Published 1994

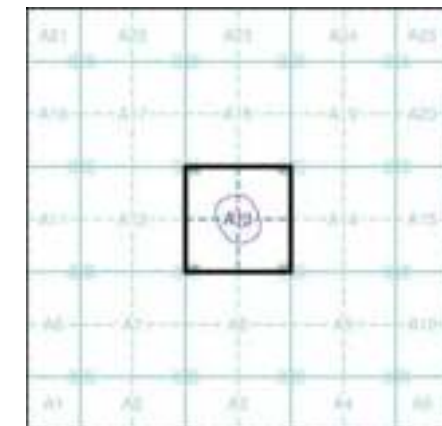
Source map scale - 1:2,500

'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)

SJ1258 1994 1:2,500	SJ1258 1994 1:2,500	SJ1258 1994 1:2,500	SJ1258 1994 1:2,500
SJ1257 1994 1:2,500	SJ1257 1994 1:2,500	SJ1257 1994 1:2,500	SJ1257 1994 1:2,500

### Historical Map - Segment A13

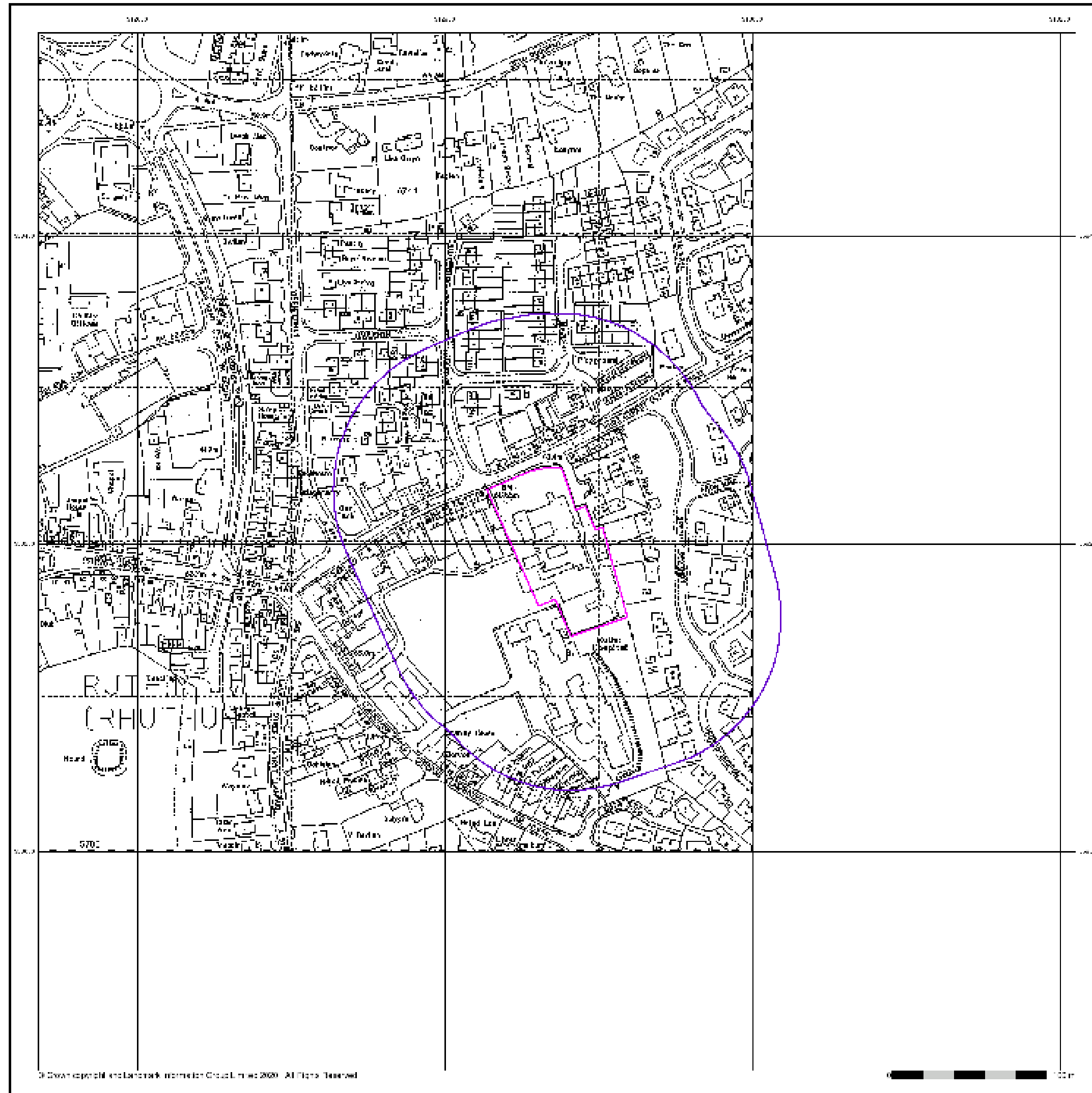


### Order Details

Order Number: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
 Site Area (Ha): 0.55  
 Search Buffer (m): 100

### Site Details

19, Rhos Street, RUTHIN, LL15 1DU

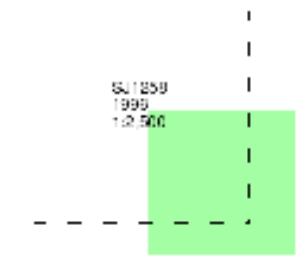


## Large-Scale National Grid Data Published 1996

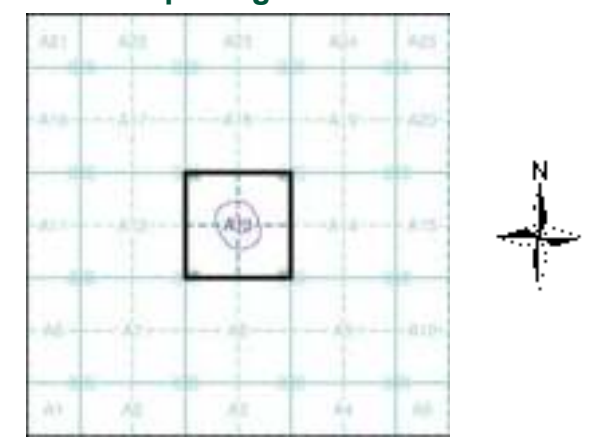
Source map scale - 1:2,500

'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: 270678250\_1\_1  
 Customer Ref: 4865  
 National Grid Reference: 312870, 358200  
 Slice: A  
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19, Rhos Street, RUTHIN, LL15 1DU