

# PHASE 1 PRELIMINARY CONTAMINATION RISK ASSESSMENT



PLOTS 2 & 3 MAUDLIN FARM, GULDEN ROAD, WARKWORTH,  
MORPETH, NORTHUMBERLAND, NE65 0WR  
PREPARED FOR CATH BASILIO



# QUALITY CONTROL

<b>Project No.</b>	<b>GEOL22-8277</b>	<b>Client</b>	<b>Cath Basilio</b>
<b>Design Team</b>	<b>Croft Design Collective</b>		
<b>Report Type</b>	<b>Phase I Preliminary Contamination Risk Assessment</b>		
<b>Planning Ref.</b>	<b>18/02096/FUL</b>		
<b>Project Type</b>	<b>Change of use to residential (C3 use) with the erection of 2 no. dwellinghouses with associated gardens and off street parking</b>		
<b>Site Address</b>	<b>Plots 2 and 3 Maudlin Farm, Guilden Road, Warkworth, Morpeth, Northumberland, NE65 0WR</b>		
<b>NGR</b>	<b>424870, 605170</b>		
<b>Date</b>	<b>24/07/2022</b>		
<b>Prepared by</b>	<b>Richard Stripp</b>		
<b>Qualifications</b>	<b>BSc (Hons) MSc FGS MEnvSc</b>		
<b>Position</b>	<b>Director</b>		
<b>Checked by</b>	<b>Martin Davidson</b>		
<b>Qualifications</b>	<b>BSc (Hons) FGS</b>		
<b>Position</b>	<b>Principal Geo-Environmental Engineer</b>		
<b>Approved by</b>	<b>Terry M<sup>c</sup>Menam</b>		
<b>Qualifications</b>	<b>BSc (Hons) CSci CEnv FGS MEnvSc FCMI MIOd</b>		
<b>Position</b>	<b>Director</b>		

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REPORT REVISION HISTORY				
Issue	Description	Date	Author	Approval
1	Final Issue	24/07/2022	RS	TMc

# TABLE OF CONTENTS






1.0 INTRODUCTION	PAGE 3
2.0 SITE DETAILS	PAGE 4
3.0 SITE GEOLOGY	PAGE 4
4.0 COAL MINING RISK ASSESSMENT	PAGE 5
5.0 HISTORICAL MAP REVIEW	PAGE 5
6.0 ENVIRONMENTAL SETTING	PAGE 6
7.0 REGULATORY DATABASE	PAGE 8
8.0 CONTAMINATION AND GROUND GAS RISK ASSESSMENT	PAGE 9
9.0 GEOTECHNICAL RISK ASSESSMENT	PAGE 10
10.0 FURTHER RECOMMENDATIONS	PAGE 12

APPENDIX I	SITE LOCATION PLAN, AERIAL PHOTOGRAPH, SITE PHOTOGRAPHS , EXISTING SITE LAYOUT PLAN & PROPOSED DEVELOPMENT LAYOUT PLAN
APPENDIX II	LANDMARK INFORMATION GROUP, ENVIROCHECK REPORT

## 1.0 Introduction






Geol Consultants Limited (GEOL) were instructed by Cath Basilio to undertake a Phase I Preliminary Contamination Risk Assessment (PCRA) for a parcel of land designated as Plots 2 & 3 located within the boundaries of Maudlin Farm located off Guilden Road in Warkworth, Northumberland, where proposals have been made to develop the site with 2 no. dwellinghouses with associated gardens and off street parking. A copy of the proposed development layout plan produced by Croft Design Collective, reference 1912WRK \_105 Rev D, dated April 2020, can be seen attached in Appendix I.

The purpose of this report is to provide information relating to the following.

-  Identify the environmental setting and likely ground conditions for the site, including details relating to the deeper geology, hydrogeology, hydrology, and mining
-  Identify the sites previous development history, usage, and activities with a view to determining any potential contaminants associated with the recorded site history and to assess the impacts from those contaminants towards the future site end-users (Human Health) and nearby sensitive receptors (Controlled Waters)
-  Establish a preliminary Conceptual Site Model (CSM) and to identify all potential source, pathway, and receptor linkages
-  Assess all potential sources of hazardous ground gas generation
-  Determine the scope of any further investigation works required for the site prior to commencing with the proposed development

As part of this PCRA, a reconnaissance (walkover) survey was undertaken which involved an inspection of the site and immediate surrounding area. Site photographs taken during this survey can be seen in Appendix I and all relevant observations are noted in the Site Details section on the following page.

A review of currently available information from the following data sources has been undertaken to assist in the completion of this technical report.

-  British Geological Survey (BGS); geological maps, historical borehole records, where applicable
-  Landmark Information Group, Envirocheck Report; including Ordnance Survey (OS) maps
-  The Coal Authority; Online Interactive Map Viewer
-  Environment Agency / GOV.UK
-  Relevant guidance documents, these are listed within the report text, where applicable

## 2.0 Site Details

All relevant details and descriptions relating to the proposed development area (site) have been summarised in the Table below.

Detail	Description
Site address and access	Plots 2 & 3 Maudlin Farm, Guilden Road, Warkworth, Morpeth, Northumberland, NE65 0WR
NGR	424870, 605170
Shape and approximate size	Irregular shaped parcel of land occupying an area of 0.05Ha
Current site use	The site is currently an undeveloped plot of land within a small residential steading located within the boundaries of Maudlin Farm. The site comprises an area of overgrown grass and tarmacadam for vehicle parking
Proposed site use	Proposals have been made to construct 2 no. dwellinghouses with associated gardens and off street parking
Surrounding land uses	The site is situated on the southeastern outskirts of the village of Warkworth, with the immediate surrounding area comprising predominantly agricultural and residential land-uses. Residential properties are situated to the north and west of the site, and agricultural fields to the south
Site topography	The site is generally flat in nature
Additional features	Prior to undertaking any future investigation or construction works it would be prudent to obtain all existing utility / service plans, to avoid any unnecessary damage to any live services which may pass below the site

## 3.0 Site Geology

In accordance with available published BGS maps, reference; Sheet 9 Rothbury, Drift edition, 1:50,000 Scale, dated 2009, the site is shown to be initially overlain by superficial (drift) deposits comprising Devensian Till (glacial clay) formed up to 116,000 years ago in the Quaternary Period.

The underlying bedrock deposits are shown to comprise alternations of mudstone, siltstone and sandstone of the Pennine Lower Coal Measures Formation, formed between 318 and 319 million years ago in the Carboniferous Period.

There are no made ground or artificial deposits recorded over the site area in accordance with available BGS mapping, however, when considering the development that has occurred within the surrounding area and small portion of tarmacadam, some nominal thickness of made ground deposits (up to 1m below ground levels) should be anticipated.

## 3.0 Site Geology (Cont'd)

Archive BGS records located to the north-east of the site (NU20NW13649/TPA3) recorded ground conditions to comprise topsoil underlain by firm brown mottled silty sandy clay to depths of 2.00m, in turn underlain by firm grey / brown silty gravelly 'boulder' clay upon termination of the trial pit at 2.50m bgl. The clays were recorded to have shear strengths ranging between 43kN/m<sup>2</sup> and 50kN/m<sup>2</sup>.

## 4.0 Coal Mining Risk Assessment

The site lies within a Coalfield Consultation Area. The Coal Authority has divided the coalfield into two areas, referred to as development high risk areas (DHRA's), and development low risk areas (DLRA's). The DHRA forms 15% of the coalfield area, where coal mining risks could be present at shallow depth which could have the potential to affect new developments. The DLRA forms 85% of the coalfield where past coal mining activity has taken place at such depth that it poses a low risk to new development. The Coal Authority places the site within a DLRA, where no past shallow coal workings are recorded or unrecorded shallow workings potentially exist.

Therefore a standalone Coal Mining Risk Assessment Report to evaluate coal mining legacy risks is not required to support the planning application for the proposed development at the site, as the risks from coal mining have already been ruled out by the Coal Authority in accordance with their guidance document Risk Based Approach to Development Management, Guidance for Developers, Version 4, 2017. Based on this information coal mining legacy risks from ground instability are considered negligible.

## 5.0 Historical Map Review

Copies of OS maps covering the site and adjacent land are contained within the Landmark Information Group, Envirocheck Report attached in Appendix II. The information contained within the Table on the following page has been based on available OS maps and the observations noted during the reconnaissance (walkover) survey completed.

A reconnaissance (walkover) survey was undertaken by GEOL during July 2022. The survey involved walking over the site and the surrounding area, recording all observed information which may be relevant to the project. Photographs taken during the reconnaissance (walkover) survey can be seen attached in Appendix I.

## 5.0 Historical Map Review (Cont'd)

OS map date	Site	Adjacent land
1866 to 1926	The site comprises an agricultural field	The immediate surrounding area comprises predominantly agricultural land, with a farm complex known as Maudlin recorded to the northwest of the site. A well is noted to the north. The site is bound to the north by a track. By 1897 the Maudlin farm complex has extended southwards
1957 to 2000	By 1990 the site area appears to be an area of overgrown grassland	By 1957 residential properties associated with the development of Warkworth village is recorded to the northwest. A works is recorded to the north of Maudlin by 1960. By 1978 a large agricultural barn is recorded to the north of the site, and a circular tank is recorded to the east of the barn. By 1978 further residential development is recorded to the north and Warkworth First School is recorded to the west of Maudlin. By 1990 an area of surfacing / hardstanding forming a silage / hay bale storage area is noted to the northeast
2006 to 2022	By 2006 the site represent the present day layout with the small parcel of tarmacadam surfacing	Between 2002 and 2006 the barn & tank to the north are demolished, along with partial demolition of Maudlin farm comprising removal of agricultural buildings. These areas are redeveloped with new residential steadings by 2006

No obvious sources of ground contamination have been identified during the reconnaissance (walkover) survey, and the site has generally remained undeveloped albeit for a small parcel of tarmacadam, and historically comprising agricultural land. This corroborates with the recorded site history, where no significant industrial activities or processes have taken place on or close to the site.

## 6.0 Environmental Setting

### 6.1 Surface Mineral Extraction / Quarrying

Based on OS maps dating from 1866 to 2022, there is no evidence of historical or active surface mineral extraction or quarrying features recorded within a plausible, lateral migration distance (<250m) from the site boundaries.

## 6.0 Environmental Setting (Cont'd)

### 6.2 Hydrogeology

The superficial (drift) deposits present below the site have been designated as a Secondary Undifferentiated Aquifer, with a medium vulnerability. This designation has been assigned in cases where it has not been possible to attribute either category A or B to the deposit type. In most cases, this means that the layer in question has previously been designated as both Minor and Non-Aquifer in different locations due to the variable characteristics of the deposits.

The Coal Measures Formation have been designated as a Secondary A Aquifer. This Aquifer designation has been assigned where permeable layers can support water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. Deep groundwater is anticipated to be present at depth within the bedrock geology.

When considering the anticipated ground conditions below the site, a shallow continuous groundwater surface (water table) is not anticipated to be present. There are no Source Protection Zones (SPZ's) recorded within 1km of the sites boundaries, and no recorded water abstractions within 500m of the site. When considering the recorded site history, generally the site is not considered to represent a significant risk to groundwater or drinking water supplies / abstractions.

### 6.3 Hydrology

The nearest surface water feature is recorded 150m west of the site, a surface water pond. The site lies within a Flood Zone 1, an area with a low probability of flooding with <1 in 1000 chance of fluvial flooding occurring (<0.1%), and therefore the site is unlikely to be at significant risk from future flooding.

According to the GOV.UK Long Term Flood Risk Information Interactive Map, the whole of the site is shown to lie within an area at very low risk (<0.1%) of surface water (pluvial) flooding occurring. During the reconnaissance (walkover) survey there were no significant areas of standing surface water noted. Appropriate surface water management will need to be adopted to deal with the future management of positively drained surface water, when considering the future development of this site.

### 6.4 Landfill & Waste

The Landmark Information Group, Envirocheck Report records no Local Authority, BGS, Historical or Registered Landfill Sites, Licensed Waste Management Facility or Registered Waste Transfer Sites within a plausible migration distance (250m) from the site boundaries. The report also records no areas of Potentially Infilled Land (Non-water and water) within a plausible migration distance (250m) from the site boundaries.



## 6.0 Environmental Setting (Cont'd)

### 6.5 Radon Assessment

The BRE Digest, BR211 (2015) Radon: Guidance on protective measures for new buildings, indicates the site to lie within a clear shaded grid square (1km) where no radon protective measures will be required for new structures. The Landmark Information Group, Envirocheck Report records the site to lie in a lower probability radon area, where less than 1% of homes are estimated to be at or above the Action Level in accordance with data held by the BGS, and their assessment indicates that no radon protection measures are necessary in the construction of new dwellings or extensions.

### 6.6 Site Ecology

The Landmark Information Group, Envirocheck Report records the no sensitive land-uses within 250m of the site. During the reconnaissance (walkover) survey completed, there was no obvious evidence to suggest the site is affected by the presence of invasive weed species (i.e. Japanese Knotweed).




## 7.0 Regulatory Database

The information given in the Table below has been obtained from a commercially available database and is contained within the Landmark Information Group, Envirocheck Report attached in Appendix II. The information presented in the Table only includes records not otherwise detailed in the report.

Data type	0 – 250m	251 – 500m	Details
Contaminated Land Register Entries and Notices	0	0	None recorded
Discharge Consents	0	11	The closest record is located 324m north operated by Northumberland Water Ltd. The record relates to a pumping station, in which the discharge type of emergency overflow of storm sewage into a Tidal Water
Pollution Incidents to Controlled Waters	0	3	The closest record is located 361m south of the site, occurring in 1992. The incident involved farm cattle slurry discharge into Guilders Burn categorised as a Category 2 – Significant incident
Substantiated Pollution Incident Register	0	0	None recorded
Active Contemporary Trade Directory Entries (CTDE)	0	0	None recorded
Fuel Station Entries	0	0	None recorded

## 8.0 Contamination and Ground Gas Risk Assessment

The risks posed towards Human Health or environmental receptors (i.e. Controlled Waters) is based on an assessment of one or more source-pathway-receptor linkages. The source is any substance which has the potential to cause significant harm to a relevant receptor and the pathway is any route by which contamination may travel to impact on a receptor. The preliminary Conceptual Site Model (CSM) summarises the principal contaminant sources, pathways and receptors for this site and the likelihood of the existence of a pollutant linkage. The potential pollutant linkages pertaining to the site and the assessed significance are summarised in the preliminary CSM Table below. The significance of the potential source-pathway-receptor linkages identified within the preliminary CSM can be assessed using the following criteria.

-  **LOW risk** – not likely to cause significant harm to Human Health or Controlled Waters. Remedial measures are not likely to be required
-  **MEDIUM risk** – it is possible that significant harm to Human Health or Controlled Waters could occur depending on site specific circumstances. Remedial measures may be required to mitigate potential risks
-  **HIGH risk** – it is likely that significant harm to Human Health or Controlled Waters will occur unless appropriate remedial measures are incorporated into the development

Potential source	Pathway	Receptor	Pollutant Linkage / Assessed Risk
Made ground / disturbed soils for reuse on site	Dermal contact and ingestion / inhalation of contaminated soil and dust	Construction workers and future end-users	LOW risk
	Air – Inhalation of vapours (indoor & outdoor)		LOW risk
	Plant uptake, consumption of homegrown vegetables	End-users	LOW risk
	Migration through services	End-users	LOW risk
	Direct contact with building materials	Building materials (concrete)	LOW risk
	Surface run-off, vertical and lateral infiltration / leaching, and migration of mobile contaminants	Deep groundwater (Secondary A Aquifer)	LOW risk
	Contaminated soils	Flora and Fauna	LOW risk
Ground gas – no sources identified	Asphyxiation, fire & explosion	End-users	LOW risk
Radon	Carcinogenic	End-users	LOW risk

## 8.0 Contamination and Ground Gas Risk Assessment (Cont'd)

Based on available OS maps the site has generally remained undeveloped, comprising agricultural land until 2006 when a small area of tarmacadam is constructed. The reconnaissance (walkover) survey confirmed no obvious evidence of any recent, unrecorded development on the site or change in activity from this time.

Whilst significant thicknesses of made ground deposits are not expected to be present over the site area, some sporadic areas of disturbed deposits should be expected, and as such the risk of significant contamination being present on this site is LOW based on the recorded site history / activity.

As the site will be developed for residential purposes, confirmatory ground contamination testing and the completion of appropriate risk assessments should be undertaken to determine whether the soil deposits present can remain on site without representing a potential risk to future end-users where exposure pathways are present. In order to determine the suitability of the soil deposits overlying the site for their intended end-use, representative samples should be screened for standard metals / metalloids including; As, Cd, Cr (III & VI), Cu, Hg, Ni, Pb, Se, Zn, as well as Polycyclic Aromatic Hydrocarbons (PAH's) 16 USEPA Specification, Petroleum Hydrocarbons (Aliphatic & Aromatic split) and Asbestos.

Based on a review of the information available, the risk of hazardous ground gases on this site and from off-site sources is considered low. However, in accordance with Northumberland County Councils policy on mine gas protection, which is uniform over all Coal Authority low and high risk development areas within Northumberland, gas protection measures will need to be installed to a minimum classification of Characteristic Situation 2 (CS2). Therefore, appropriate gas protection measures will be needed for the development and should be selected based on the characteristic situation using the guidance contained in Section 7 of the BS8485:2015 + A1:2019 document.




## 9.0 Geotechnical Risk Assessment

The ground conditions below the site are expected to comprise a nominal thickness of made ground overlying natural Till (clay) deposits, in turn underlain by mudrocks (mudstone and siltstone). The anticipated ground profile for this site has been summarised in the Table on the following page.

## 9.0 Geotechnical Risk Assessment (Cont'd)

Strata type	Anticipated thickness	Groundwater	Comments
Made Ground Deposits	Up to 1m	Perched water possible	Some made ground / disturbed deposits are expected on the site
Superficial Geology Devensian Till	>2.50m	Generally not anticipated, however trapped pockets of water may be present within localised sand layers	The natural deposits are anticipated to comprise firm and stiff gravelly clay deposits with a low permeability
Solid Geology Pennine Lower Coal Measures Formations	>100m	Deep groundwater is expected within the bedrock. This stratum has been designated as a Secondary A Aquifer	Mudrocks are anticipated at rockhead

A summary of the anticipated potential risks associated with the geotechnical issues and hazards identified for this site can be seen in the Table below and on the following page. The definitions for the allocated level of risk(s) are as follows.

-  LOW risk – unlikely to impact on the proposed development
-  MEDIUM risk – may have a significant impact on the proposed development
-  HIGH risk – likely to have a significant impact on the proposed development

Issue or hazard	Level of potential risk	Comments
Made ground	LOW risk	Some made ground deposits are expected below the site and will not be suitable as a foundation bearing medium
Natural deposits	LOW risk	The natural deposits are anticipated to comprise mainly of firm and stiff gravelly clays
Shallow groundwater	LOW risk	A shallow groundwater surface is not anticipated to be present below the site area
Stability of excavations	LOW risk	Appropriate lateral trench support will be required for excavations below depths of c. 1.20m
Relic Sub-surface structures	LOW risk	No relic structures are expected due to lack of any historical development
Shallow coal workings & Mine entries	LOW risk	The site is not underlain by shallow coal-mining activities, and there are no records of any mine entries
Control of surface drainage	MEDIUM to HIGH risk	Conventional SuDS (i.e. soakaways) may not be feasible for this site, although confirmatory testing should be undertaken to confirm the soil characteristics
Flooding	LOW risk	The site lies within a Zone 1 Flood Risk Area

## 9.0 Geotechnical Risk Assessment (Cont'd)

Based on the various data sources reviewed, the foundation options given in the Table below are likely to be available for the proposed residential development.

Foundation type	Anticipated depth to bearing stratum	Maximum allowable bearing pressure	Comments
Strip foundations	Minimum depth of 0.90m below finished site levels	Between 80kN/m <sup>2</sup> and 100kN/m <sup>2</sup>	Given the anticipated ground conditions, shallow foundations are likely to be available for new structures. Foundations may need to be deepened where disturbed ground is present and based wholly within the natural clay deposits

However, prior to the commencement of the development, it is recommended that a programme of appropriate geotechnical intrusive investigation work is carried out across the site to determine the ground conditions with more certainty. This will allow for accurate foundation designs to be made.


## 10.0 Further Recommendations

It is recommended that appropriate site-specific investigation works forming a detailed Phase II Ground Investigation be completed for this site, prior to commencing with the proposed development to determine the actual ground conditions present below parts of the site chosen for new development.

This investigation should include for the following, or similar exploratory work.

- ✔ Undertake a series of shallow percussion boreholes, including appropriate insitu geotechnical testing to help aid with future foundation designs for redevelopment of the site and to allow samples to be obtained for appropriate contamination screening
- ✔ Undertake appropriate geotechnical laboratory classification testing, dependant on the soils / deposits encountered below the site area, and pH and soluble sulphate testing
- ✔ Completion of appropriate laboratory contamination screening on selected samples of soil recovered from site to assess the suitability of these deposits for remaining on site. The samples of soil collected should also be forwarded to a UKAS and MCERTS accredited laboratory
- ✔ Production of a factual and interpretive Phase II Ground Investigation Report, including a Ground Contamination Risk Assessment for Human Health

## 10.0 Further Recommendations (Cont'd)

-  A Remediation Strategy will need to be compiled for the site / proposed development and submitted to Northumberland County Council for approval prior to the development commencing detailing the design of the gas protection measures in accordance with the guidance BS8485:2015 + A1:2019 Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings

Prior to site investigation works commencing, all existing utilities / services should be identified and recorded, such that any potential damage to services crossing the site can be prevented, as well as ensuring the Health and Safety of all future site workers.

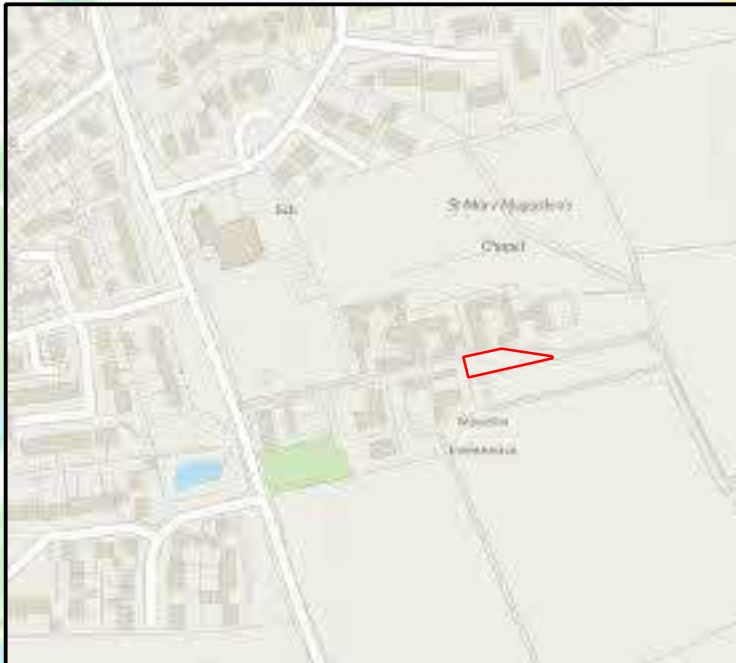
End of Report

# APPENDIX I

Site Location Plan  
Aerial Photograph  
Site Photographs  
Existing Site Layout Plan &  
Proposed Development Layout Plan



3 Gladstone Terrace  
Gateshead  
Tyne & Wear  
NE8 4DY  
Tel: 0191 477 2020  
Email: enquiries@geolconsultants.co.uk



### SITE LOCATION PLAN



Purpose of Plan: Phase I Preliminary Contamination Risk Assessment

Site Address: Plots 2 and 3 Maudlin Farm, Guilden Road, Warkworth, Northumberland, NE65 0WR

Project No.: GEOL22-8277





3 Gladstone Terrace  
Gateshead  
Tyne & Wear  
NE8 4DY  
Tel: 0191 477 2020  
Email: [enquiries@geolconsultants.co.uk](mailto:enquiries@geolconsultants.co.uk)



AERIAL PHOTOGRAPH



Purpose of Plan: Phase I Preliminary Contamination Risk Assessment  
Site Address: Plots 2 and 3 Maudlin Farm, Guilden Road, Warkworth, Northumberland, NE65 0WR  
Project No.: GEOL22-8277



3 Gladstone Terrace  
Gateshead  
Tyne & Wear  
NE8 4DY  
Tel: 0191 477 2020  
Email: [enquiries@geolconsultants.co.uk](mailto:enquiries@geolconsultants.co.uk)



### SITE PHOTOGRAPHS



Purpose of Plan: Phase I Preliminary Contamination Risk Assessment

Site Address: Plots 2 and 3 Maudlin Farm, Guilden Road, Warkworth, Northumberland, NE65 0WR

Project No.: GEOL22-8277

- Notes
- Do not scale from this drawing, work to figured dimensions only.
  - All information is to be checked onsite for accuracy
  - Report any discrepancies or omissions to Croft Design Collective
  - Unless noted, changes made to the design intent on site have not been incorporated into this drawing.
  - Unless noted information on this drawing is intended as 'design intent' and not to be used for Construction.

Drawing Key

Revision Schedule:

Rev	Description	Date	By
A	Issued to Clients & Passivhaus Consultant	28/04/2020	JK
B	Issued to Clients	25/06/2020	JK
C	Issued for Planning	03/07/2020	JK

Drawing Title  
**Site Plan - Existing**

Drawing Status  
**Planning**

Drawn by  
**JK**

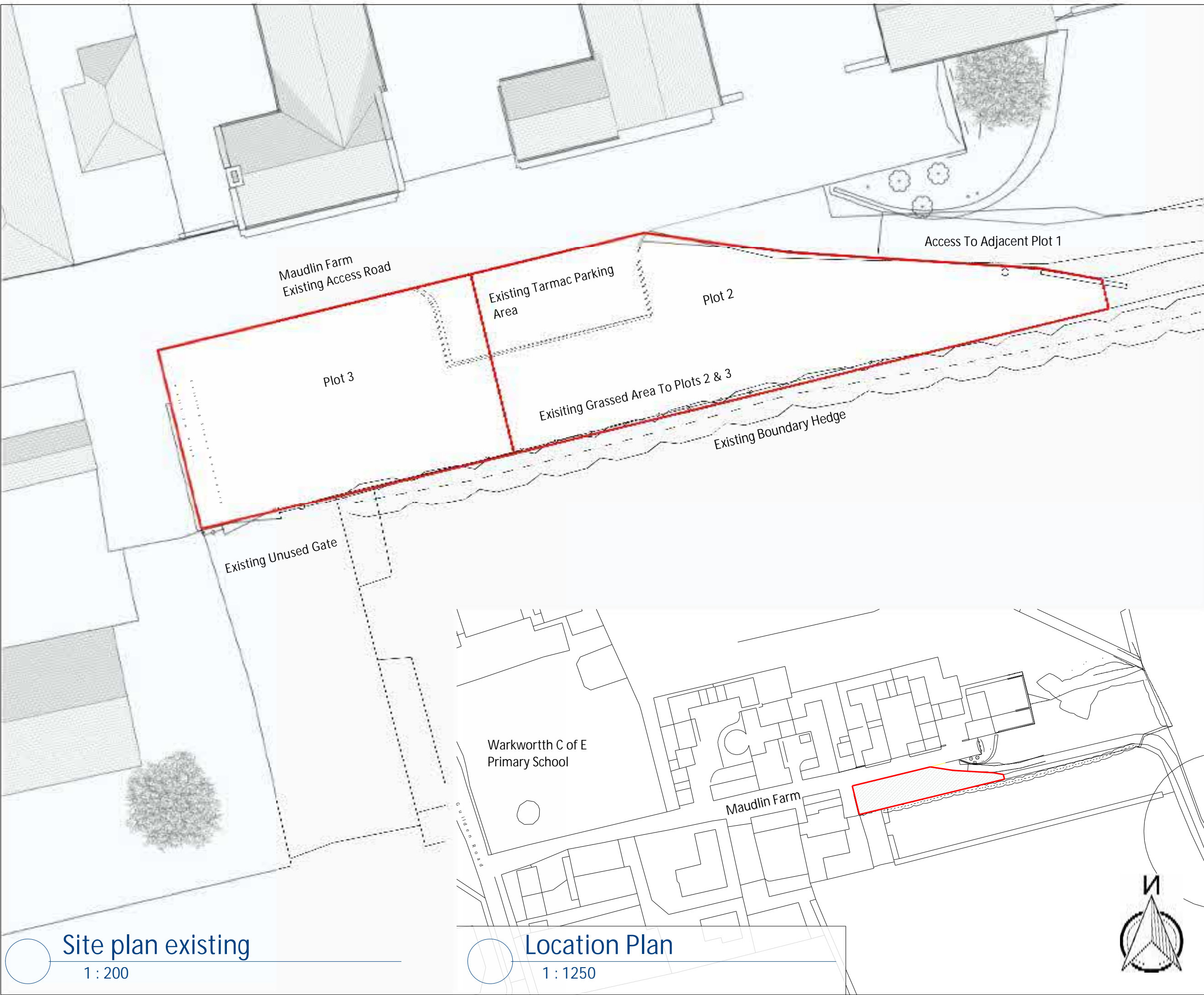
Checked by  
**FmK**

Scale (@ A3)  
**As indicated**

Date  
**Feb 2020**

Drawing no.  
**1912WRK\_100**

Rev  
**C**



**Site plan existing**

1 : 200

**Location Plan**

1 : 1250



- Notes
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Drawing Key

Revision Schedule:

Rev	Description	Date	By
A	Issued to Clients & Passivhaus Consultant	28/04/2020	JK
B	Issued to Clients	25/06/2020	JK
C	Issued for Planning	03/07/2020	JK
D	Re-issued for Planning	28/08/2020	JK

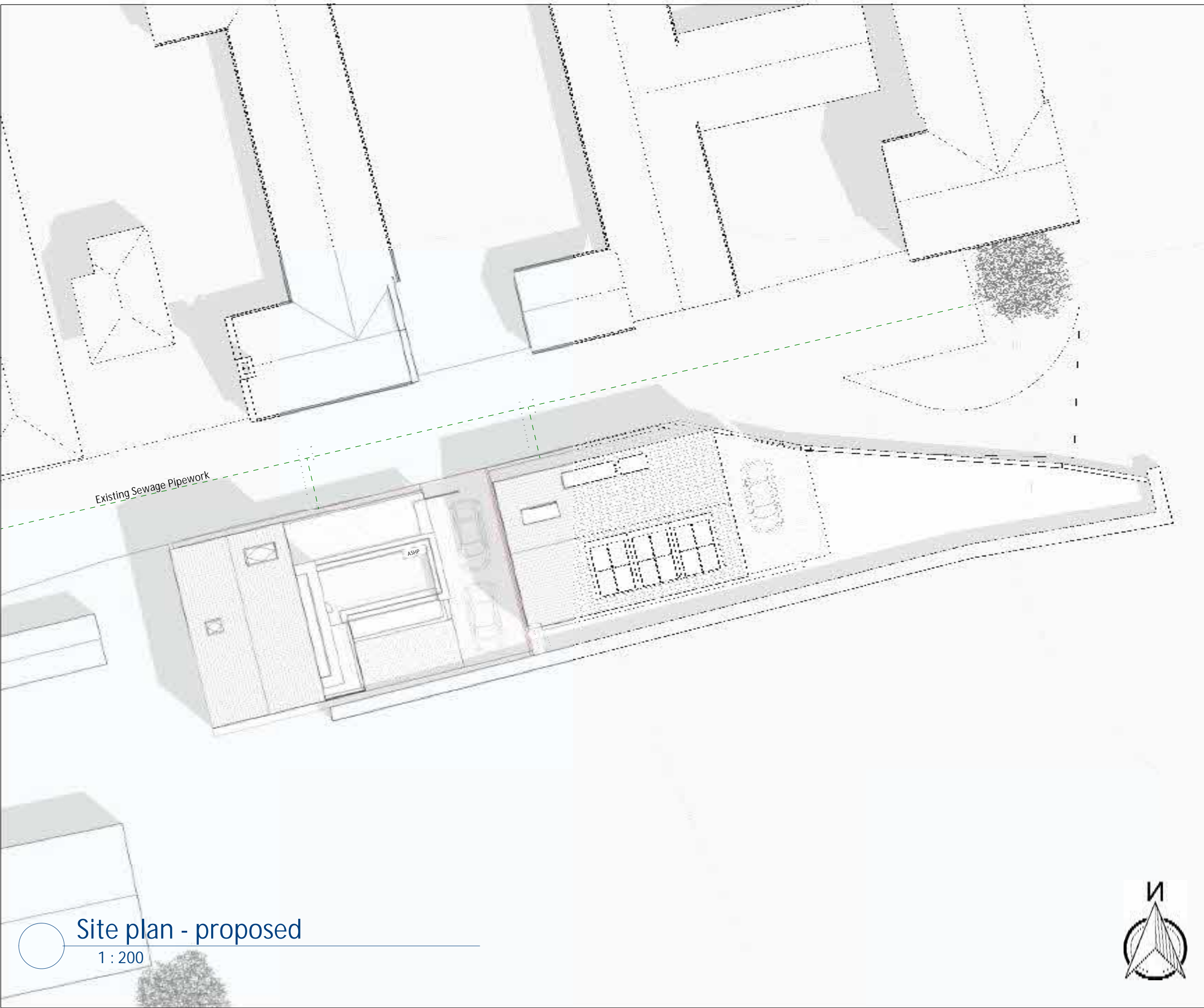
Drawing Title  
**Site Plan Proposed**

Drawing Status  
**Planning**

Drawn by JK | Checked by FmK

Scale (@ A3) | Date  
**As indicated | Apr 2020**

Drawing no. | Rev  
**1912WRK\_105 | D**



Existing Sewage Pipework

ASHP

**Site plan - proposed**

1 : 200

## APPENDIX II

### Landmark Information Group, Envirocheck Report

# Historical Mapping Legends

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

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

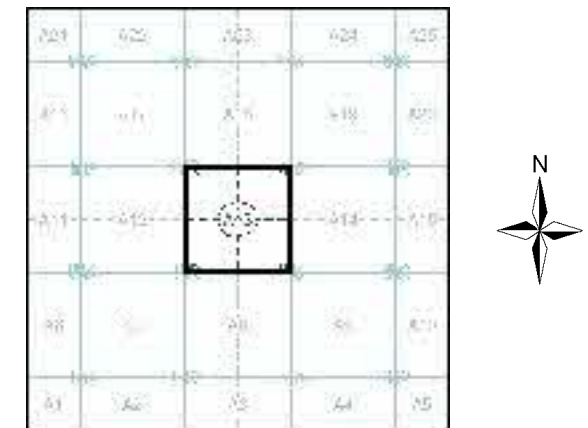
## Large-Scale National Grid Data 1:2,500 and 1:1,250



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northumberland	1:2,500	1866 - 1876	2
Northumberland	1:2,500	1897	3
Northumberland	1:2,500	1923	4
Ordnance Survey Plan	1:2,500	1959 - 1960	5
Additional SIMs	1:2,500	1978 - 1990	6
Additional SIMs	1:2,500	1984 - 1991	7
Additional SIMs	1:2,500	1990	8
Large-Scale National Grid Data	1:2,500	1994	9
Large-Scale National Grid Data	1:2,500	1996	10
Historical Aerial Photography	1:2,500	1999	11

## Historical Map - Segment A13



## Order Details

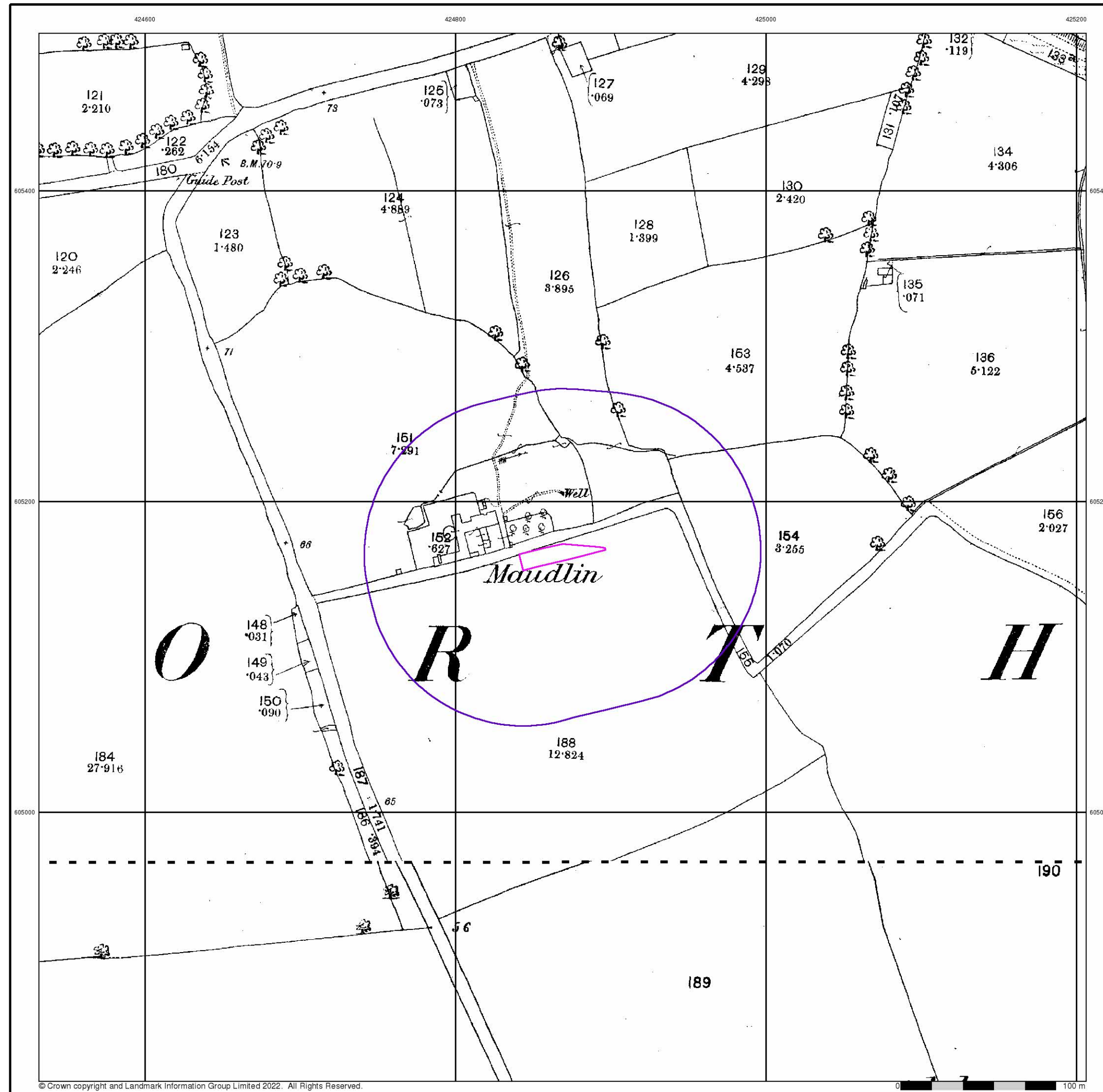
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 100

## Site Details

Plots 2 & 3, Maudlin Farm, Warkworth, Morpeth, Northumberland, NE65 0WR



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



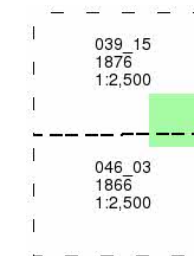
## Northumberland

Published 1866 - 1876

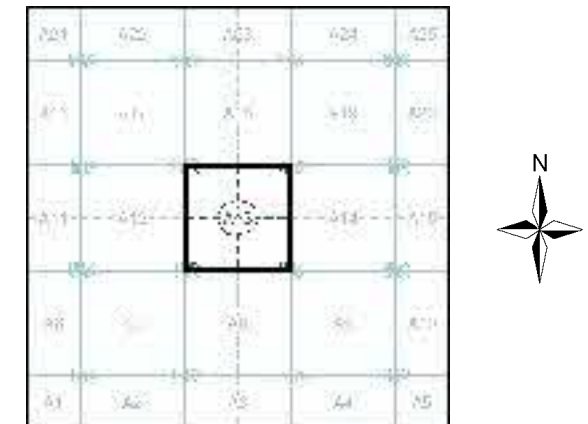
Source map scale - 1:2,500

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

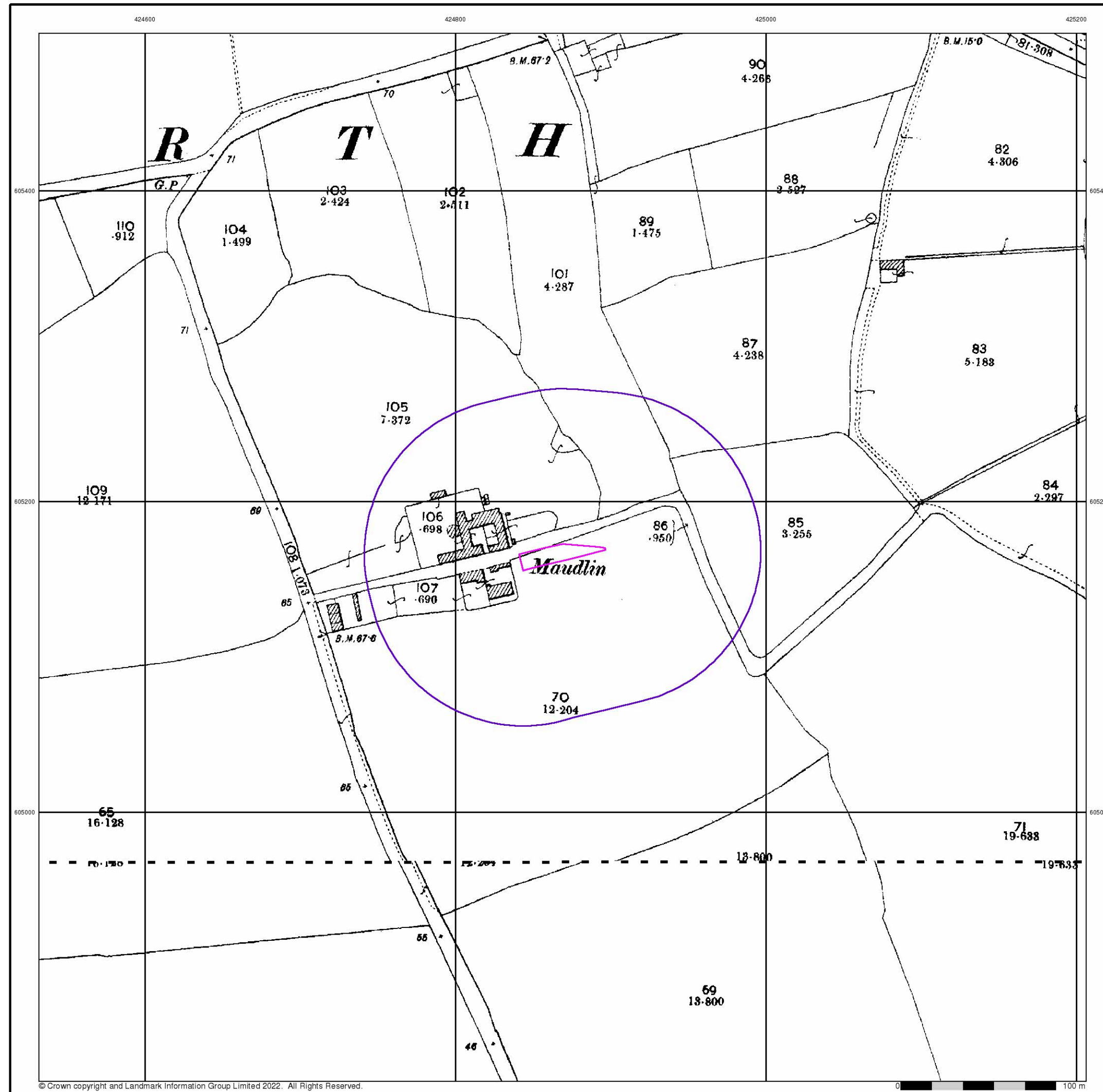
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 100

### Site Details

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



**Northumberland**

**Published 1897**

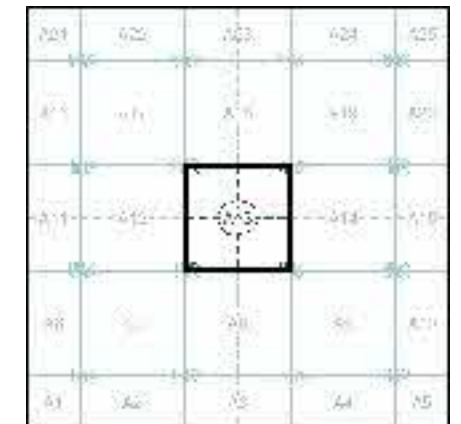
**Source map scale - 1:2,500**

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)**

039 15	1897	1:2,500
046 03	1897	1:2,500

**Historical Map - Segment A13**



**Order Details**

Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 100

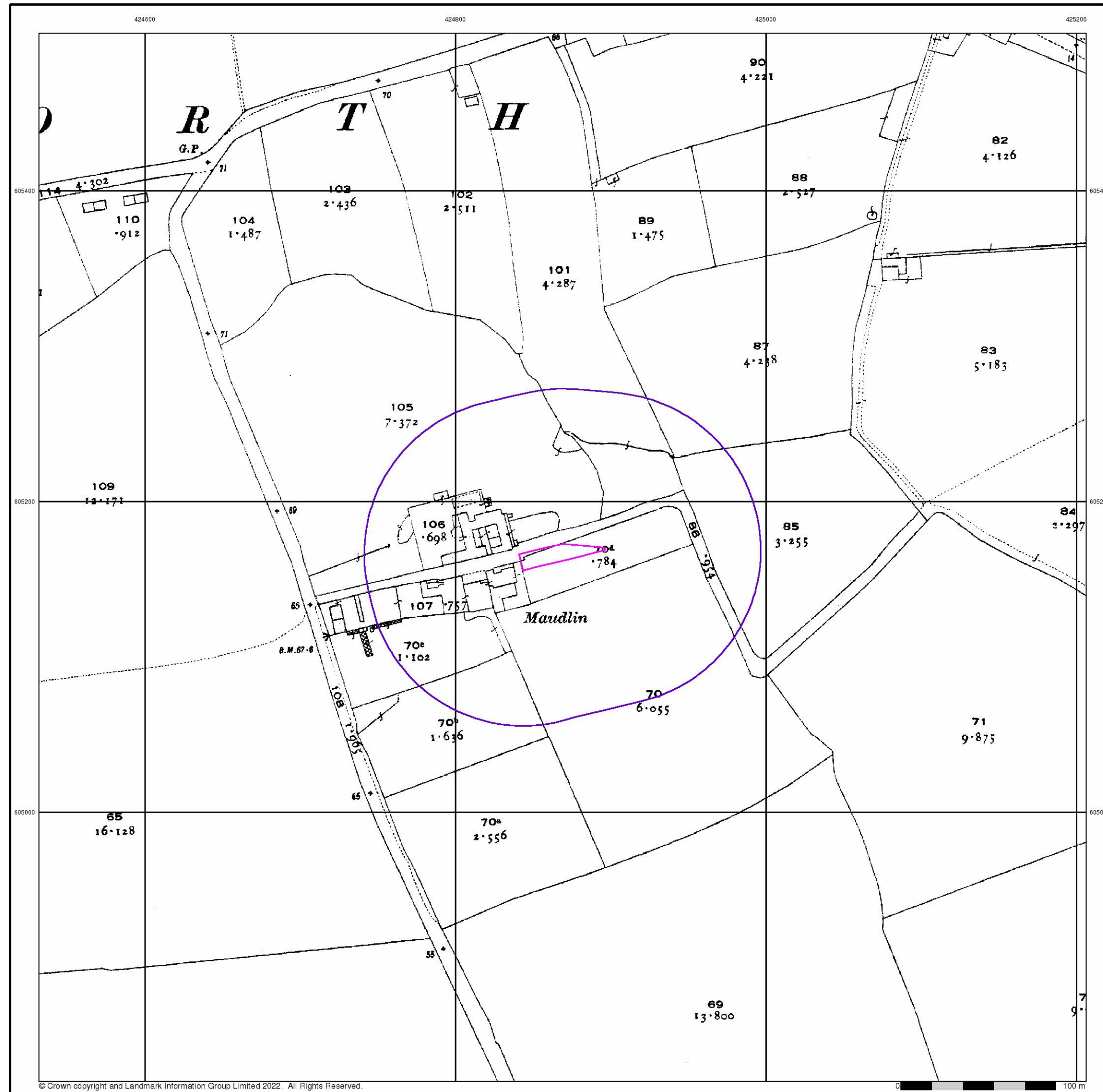
**Site Details**

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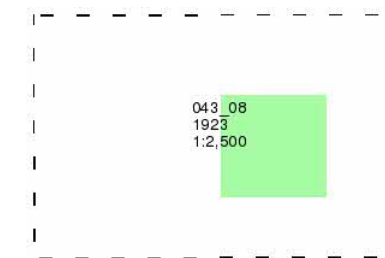
## Northumberland

Published 1923

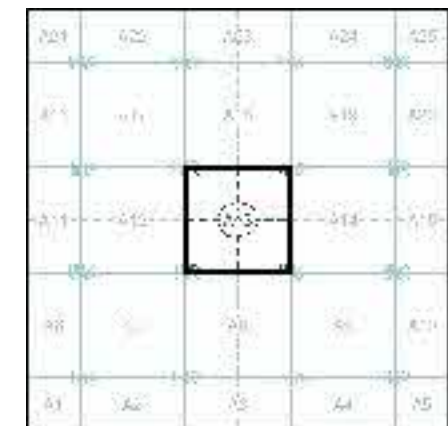
Source map scale - 1:2,500

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: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 100

### Site Details

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### Ordnance Survey Plan

Published 1959 - 1960

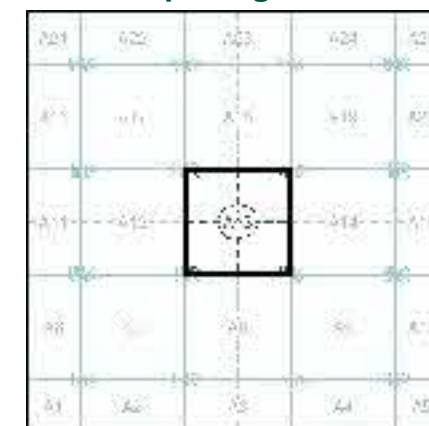
Source map scale - 1:2,500

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)

NU2405 1960 1:2,500	NU2505 1960 1:2,500
NU2404 1959 1:2,500	NU2504 1959 1:2,500

### Historical Map - Segment A13



### Order Details

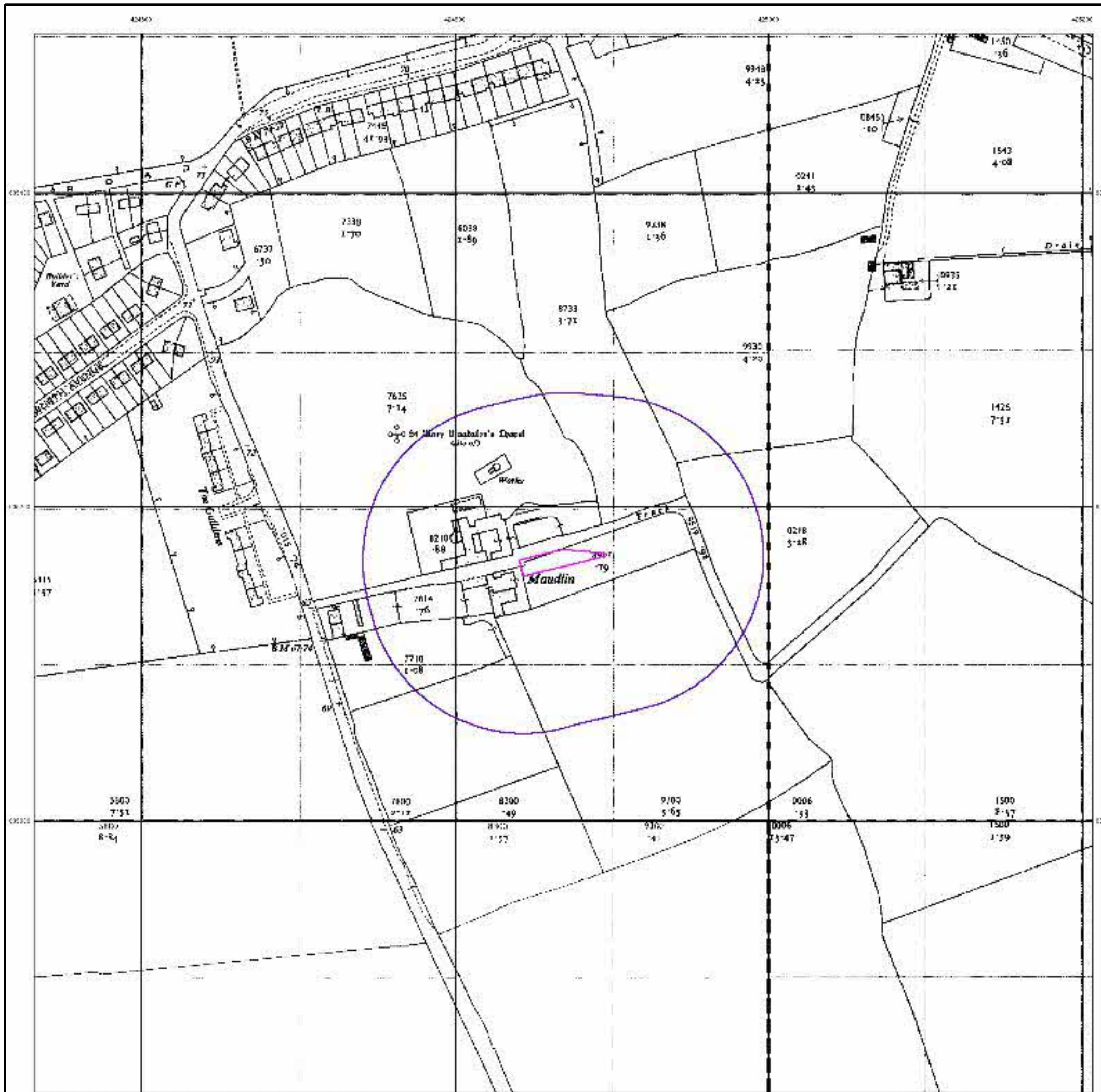
Order Number: 298815422\_1\_1  
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 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 100

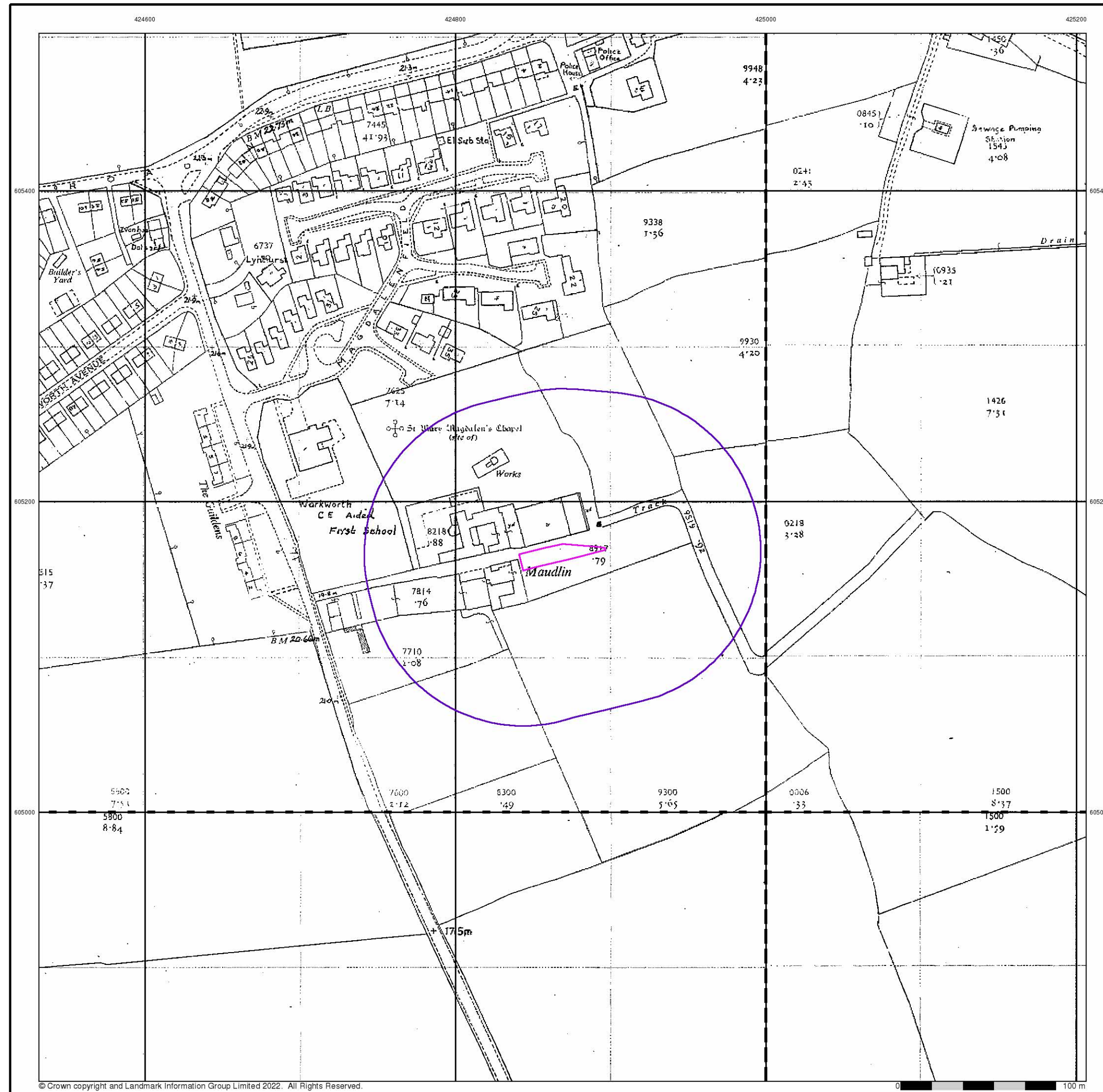
### Site Details

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### Additional SIMs

Published 1978 - 1990

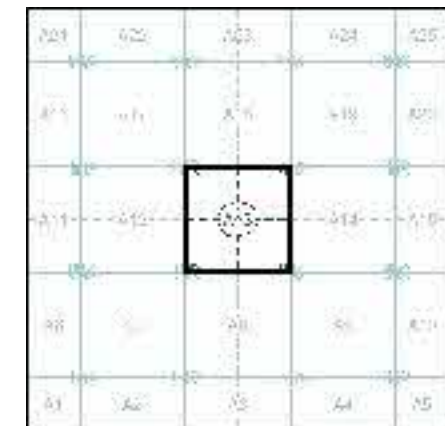
Source map scale - 1:2,500

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

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

NU2405 1978 1:2,500	NU2505 1978 1:2,500
NU2404 1990 1:2,500	NU2504 1985 1:2,500

### Historical Map - Segment A13



### Order Details

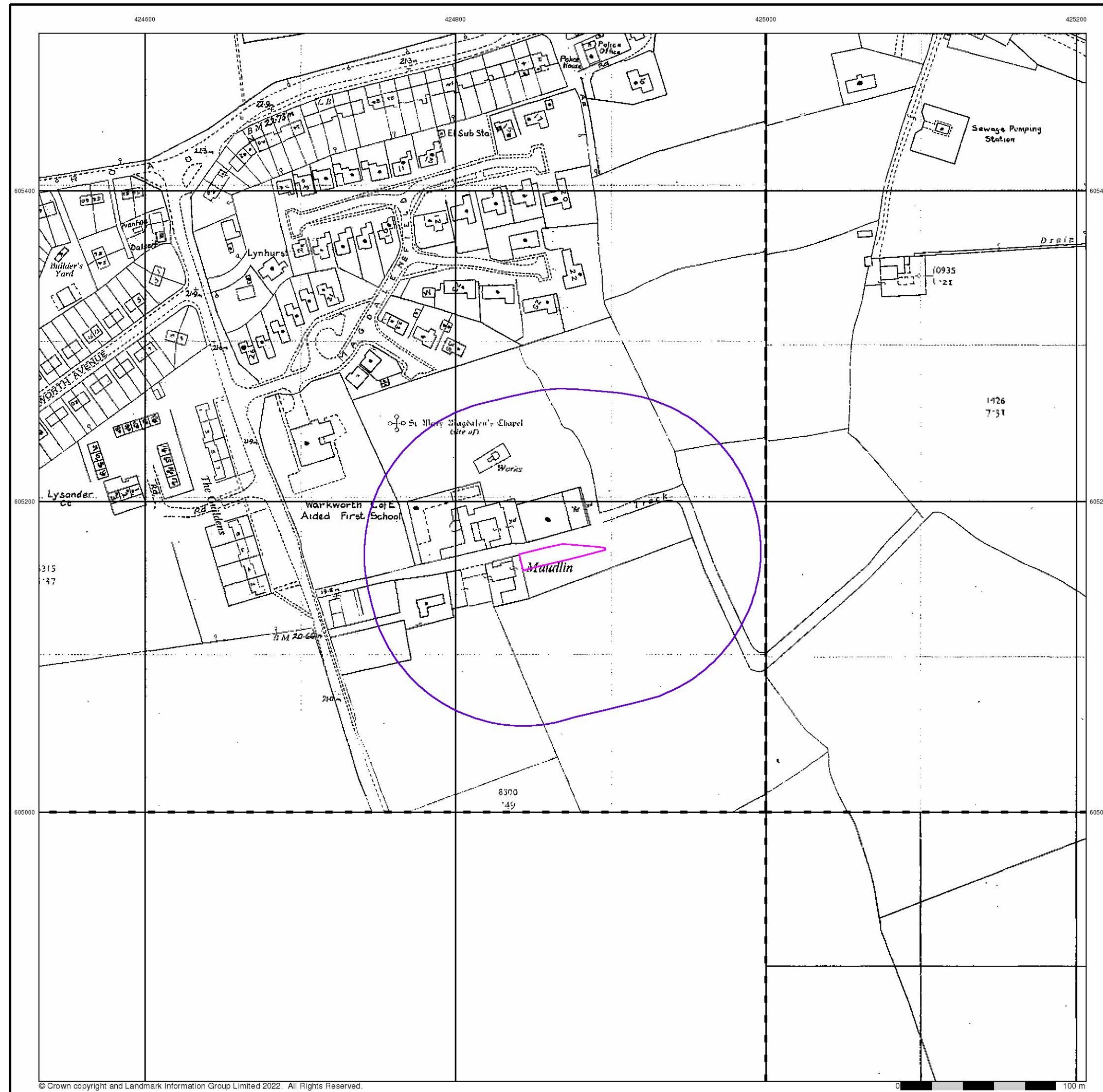
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 100

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**Additional SIMs**

**Published 1984 - 1991**

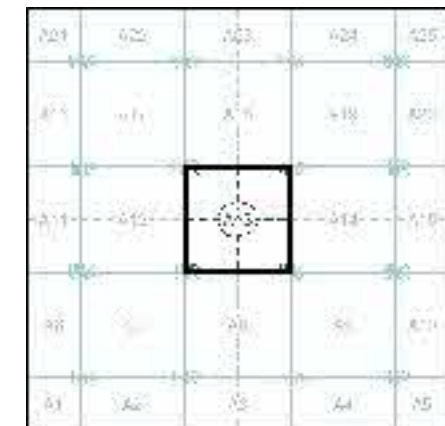
**Source map scale - 1:2,500**

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)**

NU2405 1984 1:2,500	NU2505 1984 1:2,500
	NU2504 1991 1:2,500

**Historical Map - Segment A13**



**Order Details**

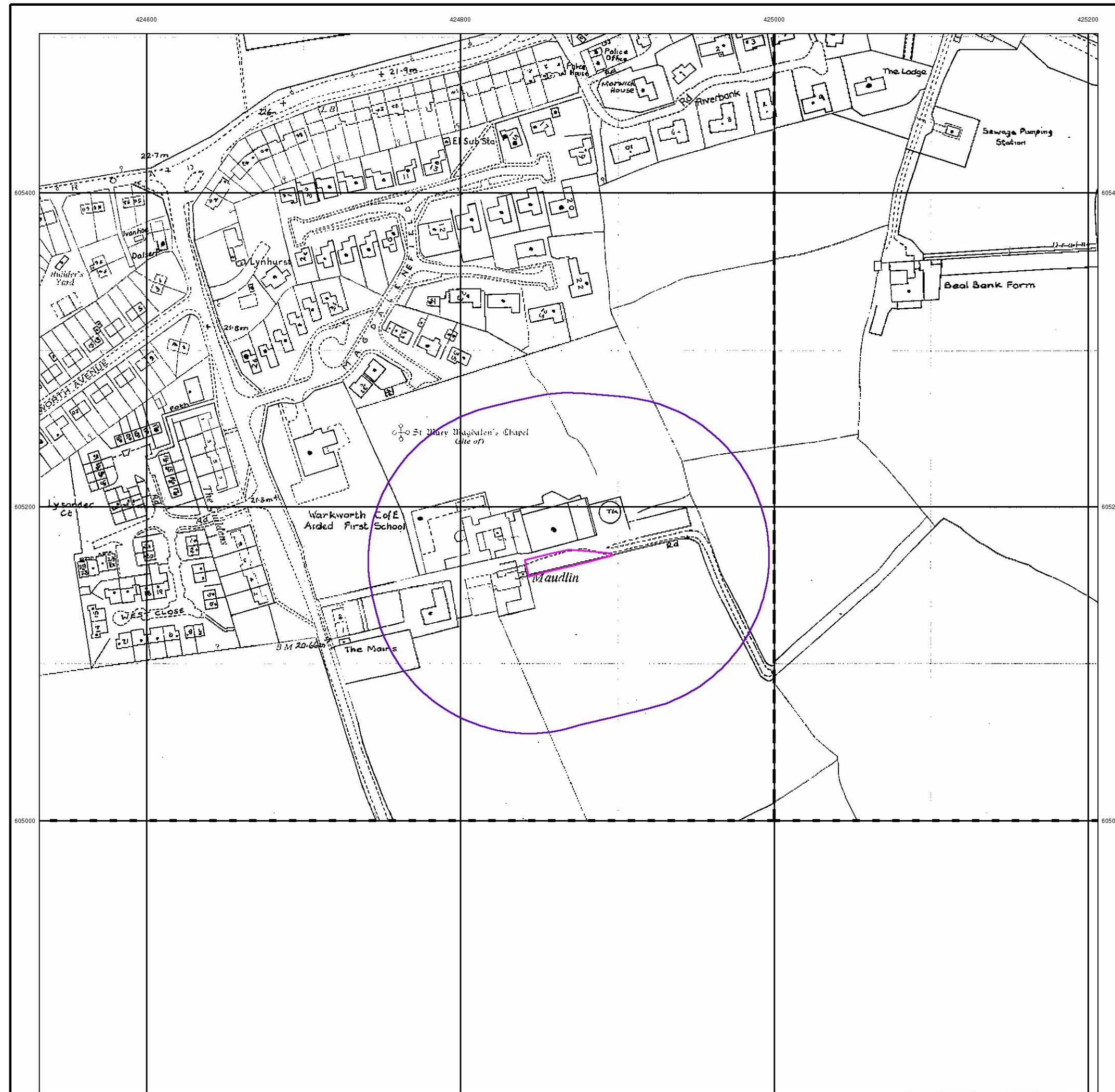
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 100

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### Additional SIMs

Published 1990

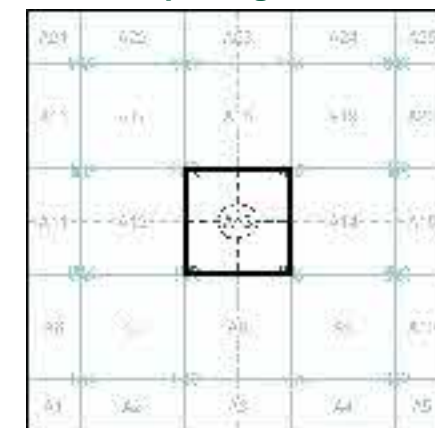
Source map scale - 1:2,500

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

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

NU2405 1990 1:2,500	NU2505 1990 1:2,500
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### Historical Map - Segment A13



### Order Details

Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 100

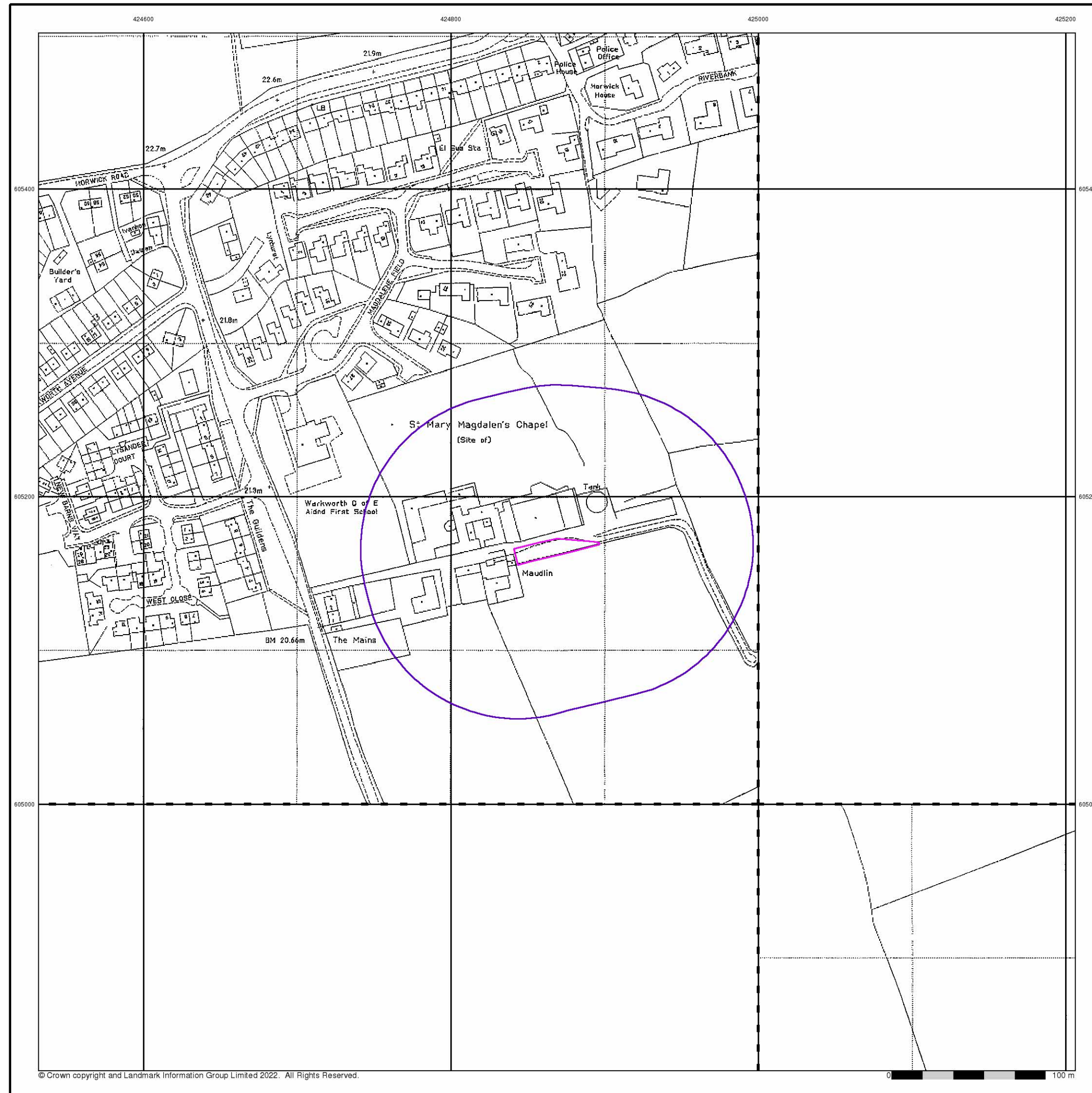
### Site Details

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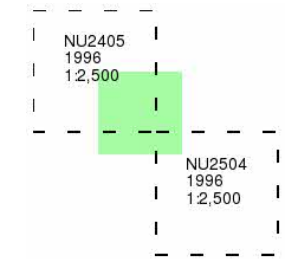
## Large-Scale National Grid Data

Published 1996

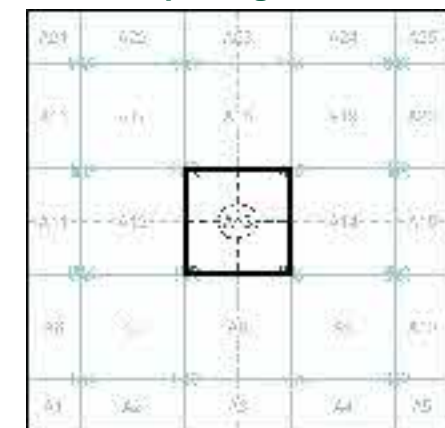
Source map scale - 1:2,500

'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: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 100

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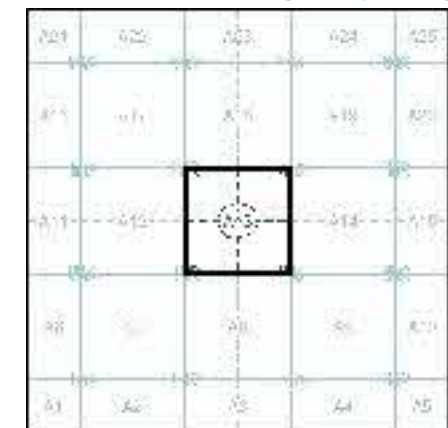


## Historical Aerial Photography

Published 1999

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

### Historical Aerial Photography - Segment A13



### Order Details

Order Number: 298815422\_1\_1  
Customer Ref: GEOL22-8277  
National Grid Reference: 424870, 605170  
Slice: A  
Site Area (Ha): 0.05  
Search Buffer (m): 100

### Site Details

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Northumberland, NE65 0WR



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# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

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

## Ordnance Survey Plan 1:10,000

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

## 1:10,000 Raster Mapping

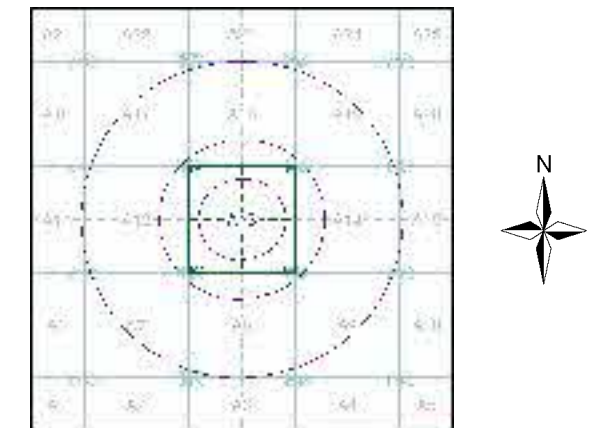
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Silt		Sand Pit
	Slopes		Top of silt
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northumberland	1:10,560	1866	2
Northumberland	1:10,560	1898 - 1899	3
Northumberland	1:10,560	1925 - 1926	4
Northumberland	1:10,560	1938	5
Ordnance Survey Plan	1:10,000	1957	6
Ordnance Survey Plan	1:10,000	1966 - 1968	7
Ordnance Survey Plan	1:10,000	1982 - 1987	8
Ordnance Survey Plan	1:10,000	1987	9
Ordnance Survey Plan	1:10,000	1991	10
10K Raster Mapping	1:10,000	2000	11
10K Raster Mapping	1:10,000	2006	12
VectorMap Local	1:10,000	2021	13

## Historical Map - Slice A



## Order Details

Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

## Site Details

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## Northumberland

Published 1866

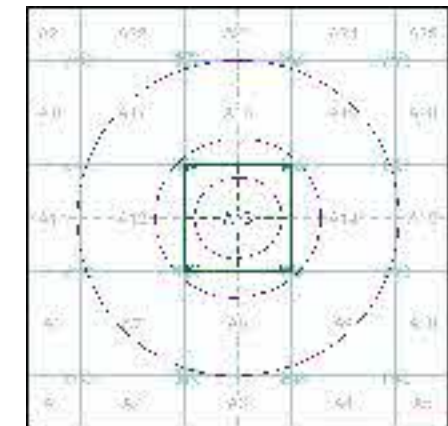
Source map scale - 1:10,560

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)

03900	1866	1:10,560
04600	1866	1:10,560

### Historical Map - Slice A



### Order Details

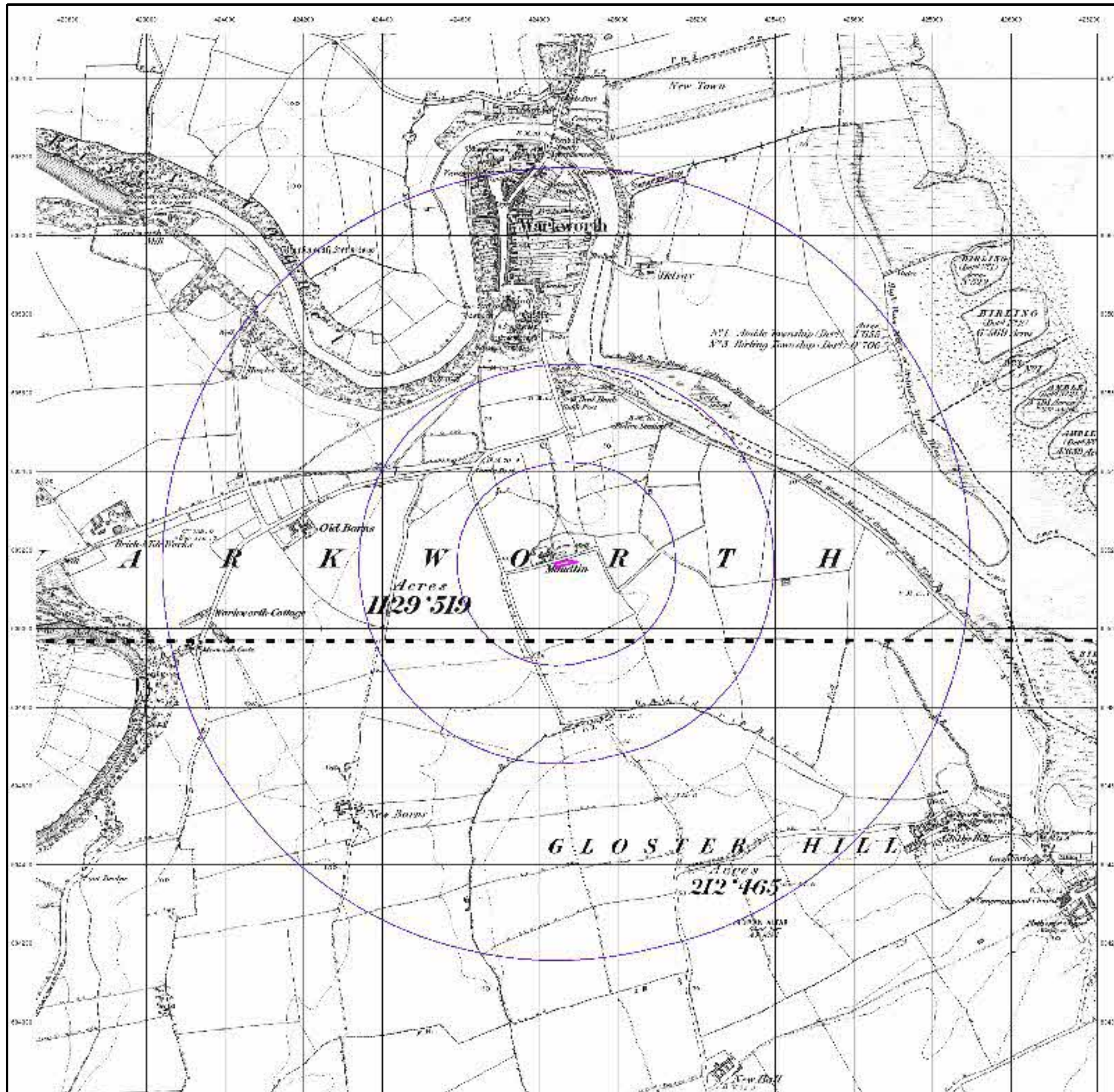
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

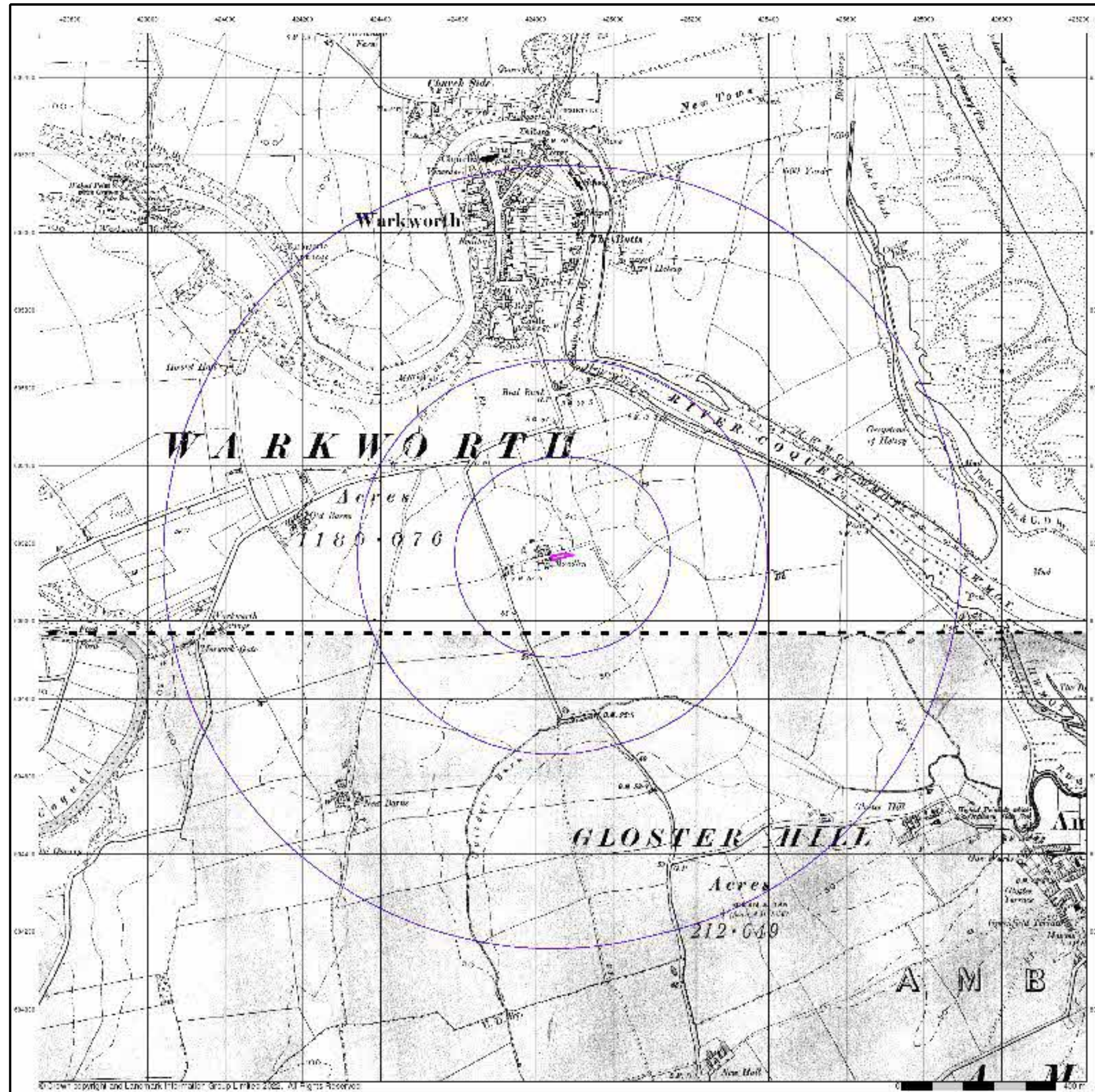
### Site Details

Plots 2 & 3, Maudlin Farm, Warkworth, Morpeth,  
 Northumberland, NE65 0WR



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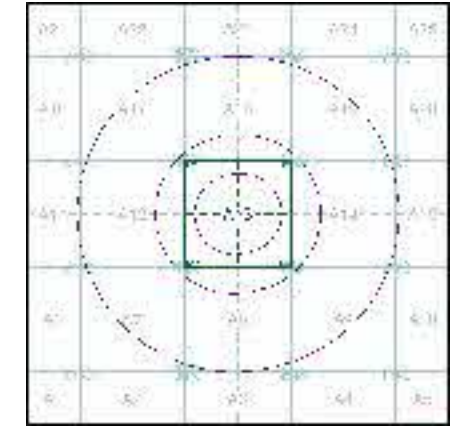
**Northumberland**  
**Published 1898 - 1899**  
**Source map scale - 1:10,560**

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

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

039SE	1899
1:10,560	
046NE	1898
1:10,560	

**Historical Map - Slice A**



**Order Details**

Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

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## Northumberland

Published 1925 - 1926

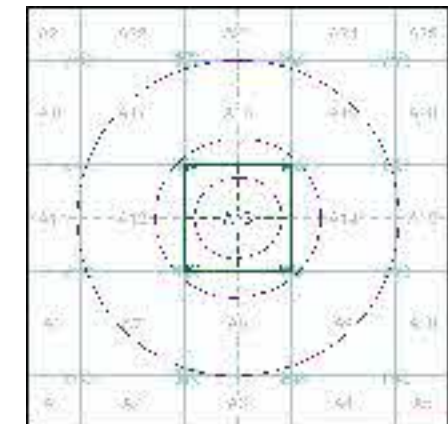
Source map scale - 1:10,560

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)

043NE 1926 1:10,560	044NW 1926 1:10,560
043SE 1925 1:10,560	044SW 1926 1:10,560

### Historical Map - Slice A



### Order Details

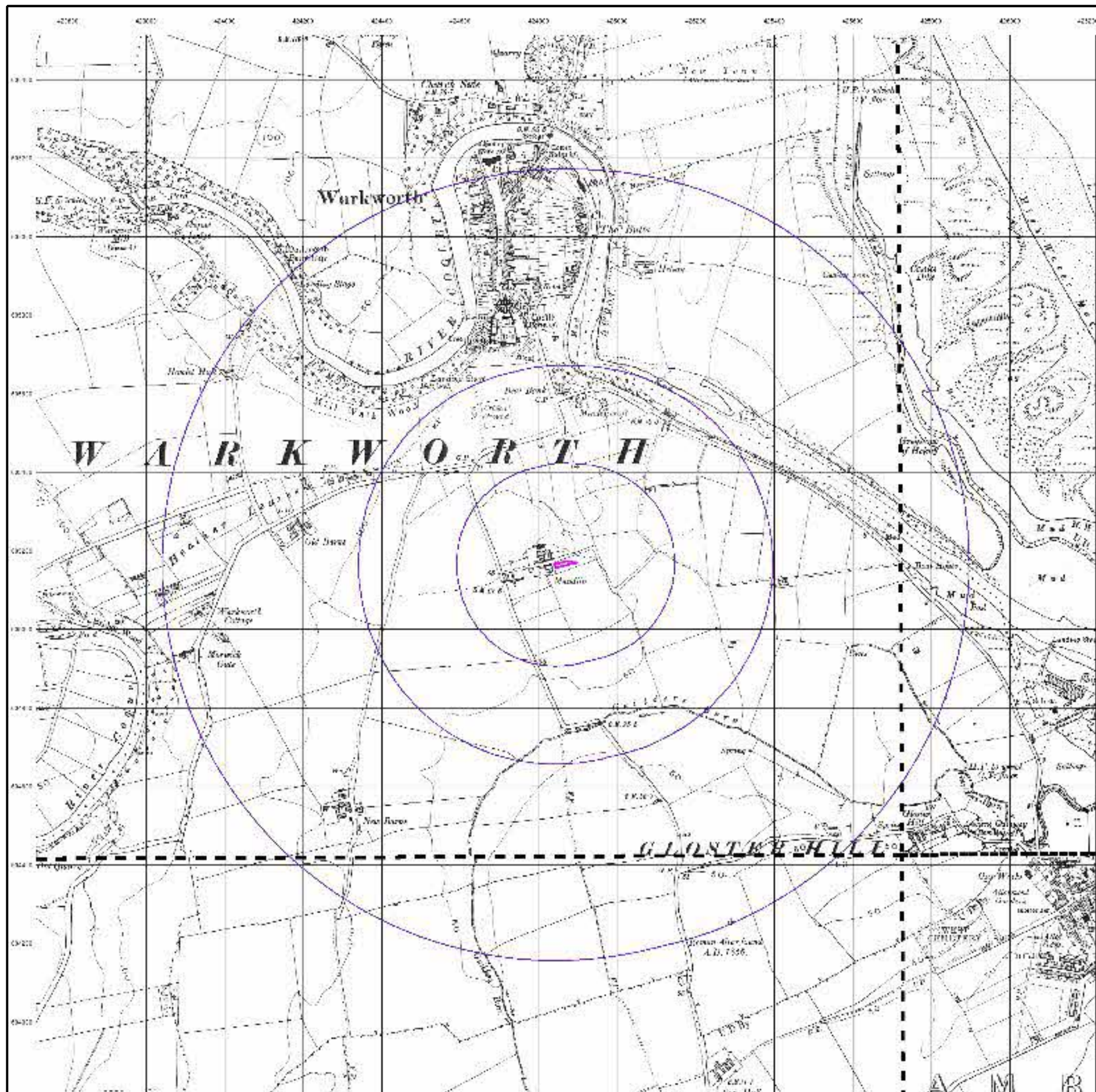
Order Number: 298815422\_1\_1  
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 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

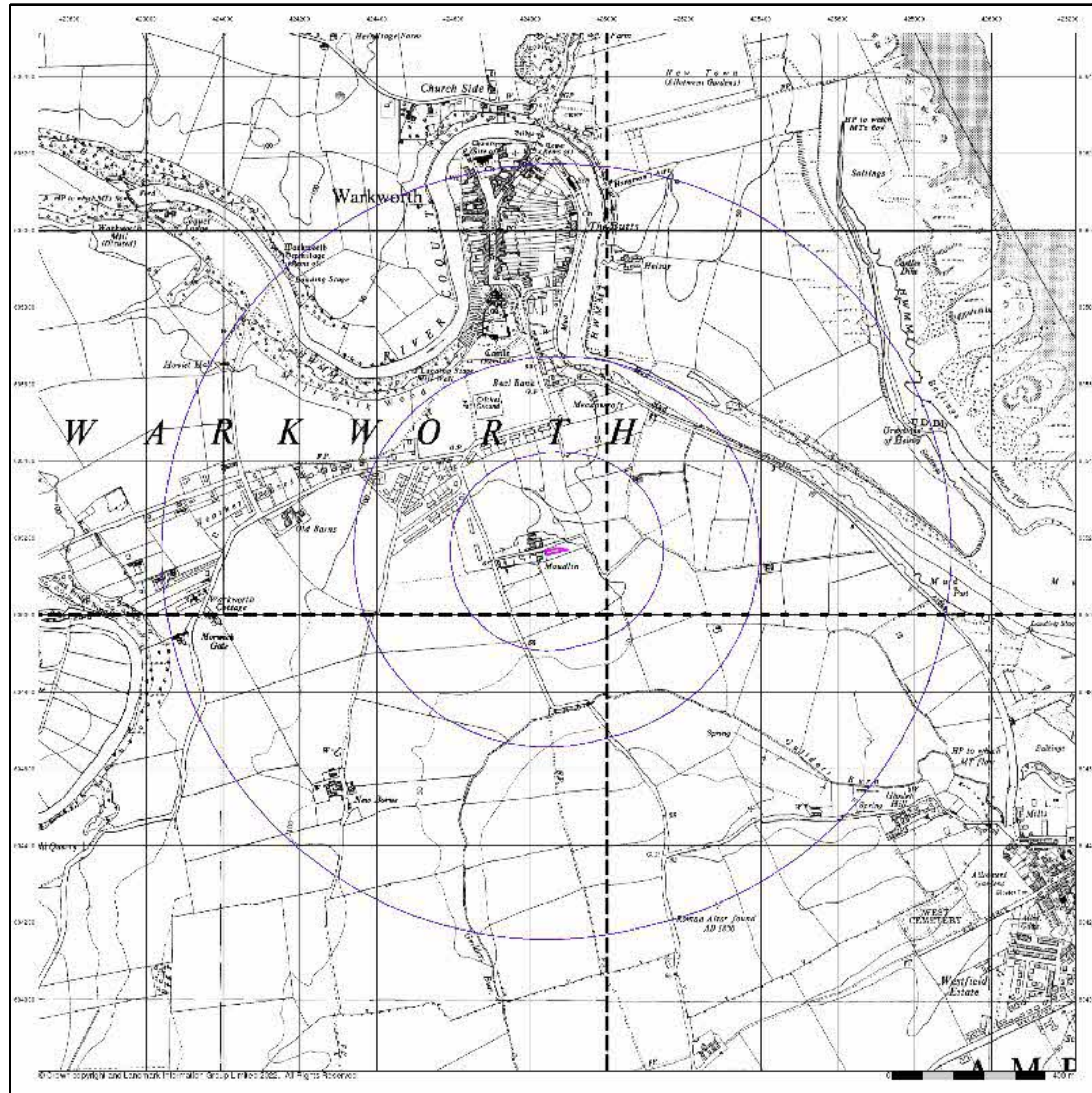
### Site Details

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 Northumberland, NE65 0WR



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## Ordnance Survey Plan

Published 1957

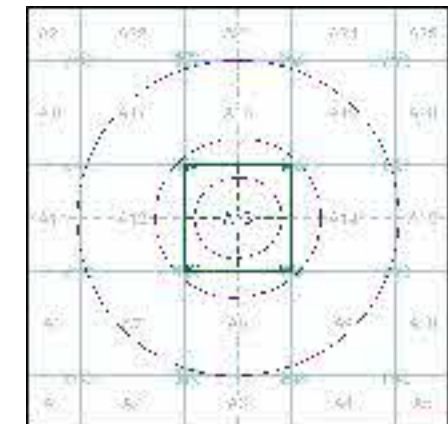
Source map scale - 1:10,000

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)

NU20NW	NU20NE
1957	1957
1:10,560	1:10,560
NU20SW	NU20SE
1957	1957
1:10,560	1:10,560

### Historical Map - Slice A



### Order Details

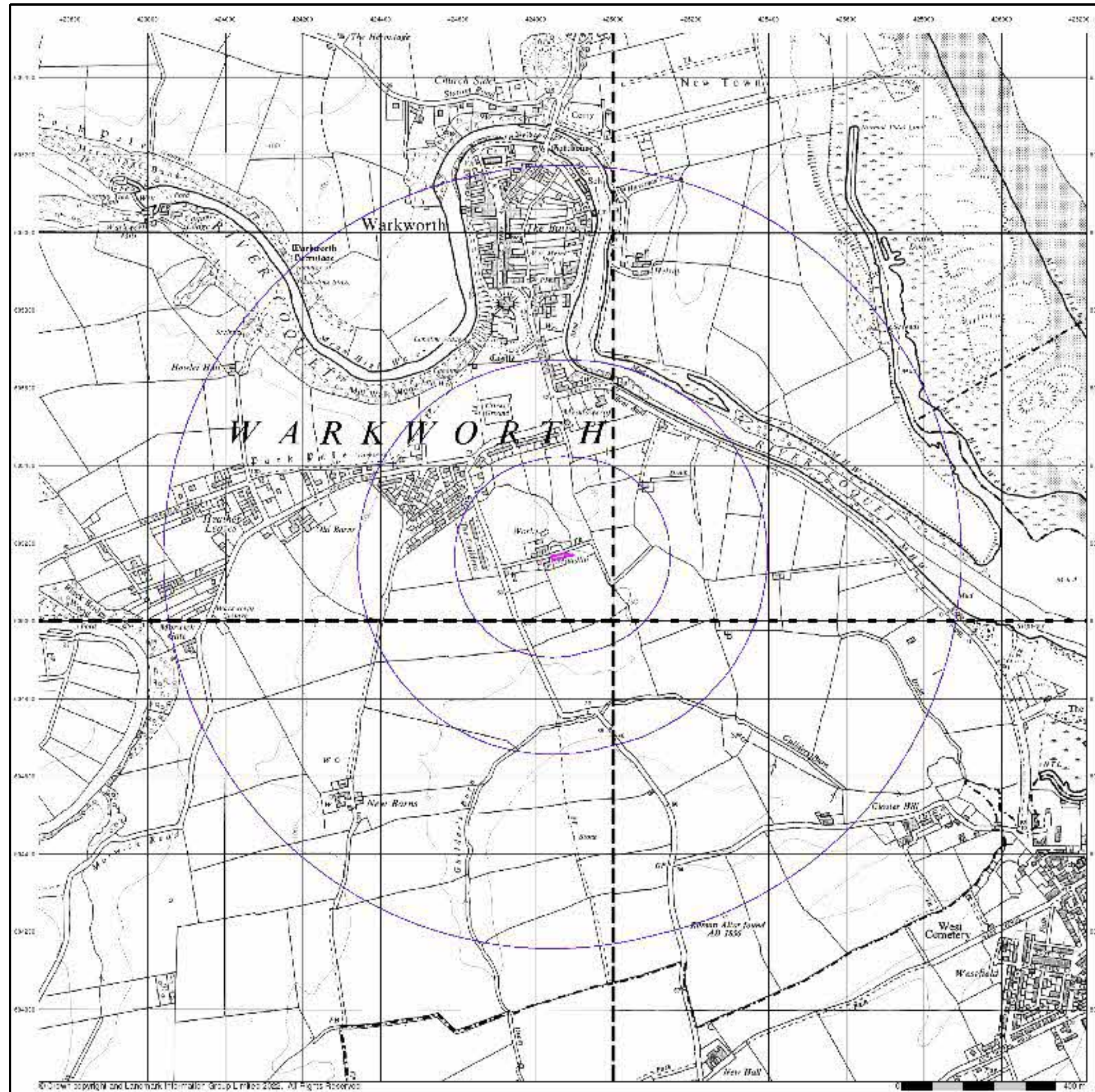
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
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Plots 2 & 3, Maudlin Farm, Warkworth, Morpeth, Northumberland, NE65 0WR



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### Ordnance Survey Plan

Published 1966 - 1968

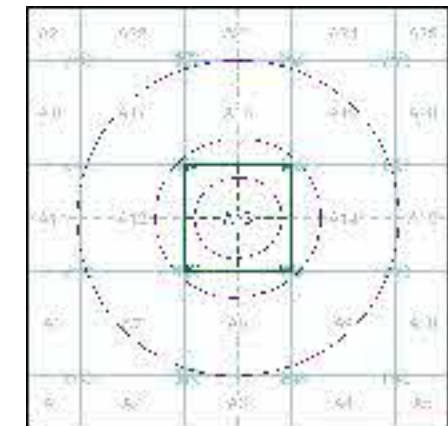
Source map scale - 1:10,000

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)

NU20NW	NU20NE
1966	1966
1:10,560	1:10,560
NU20SW	NU20SE
1966	1968
1:10,560	1:10,560

### Historical Map - Slice A



### Order Details

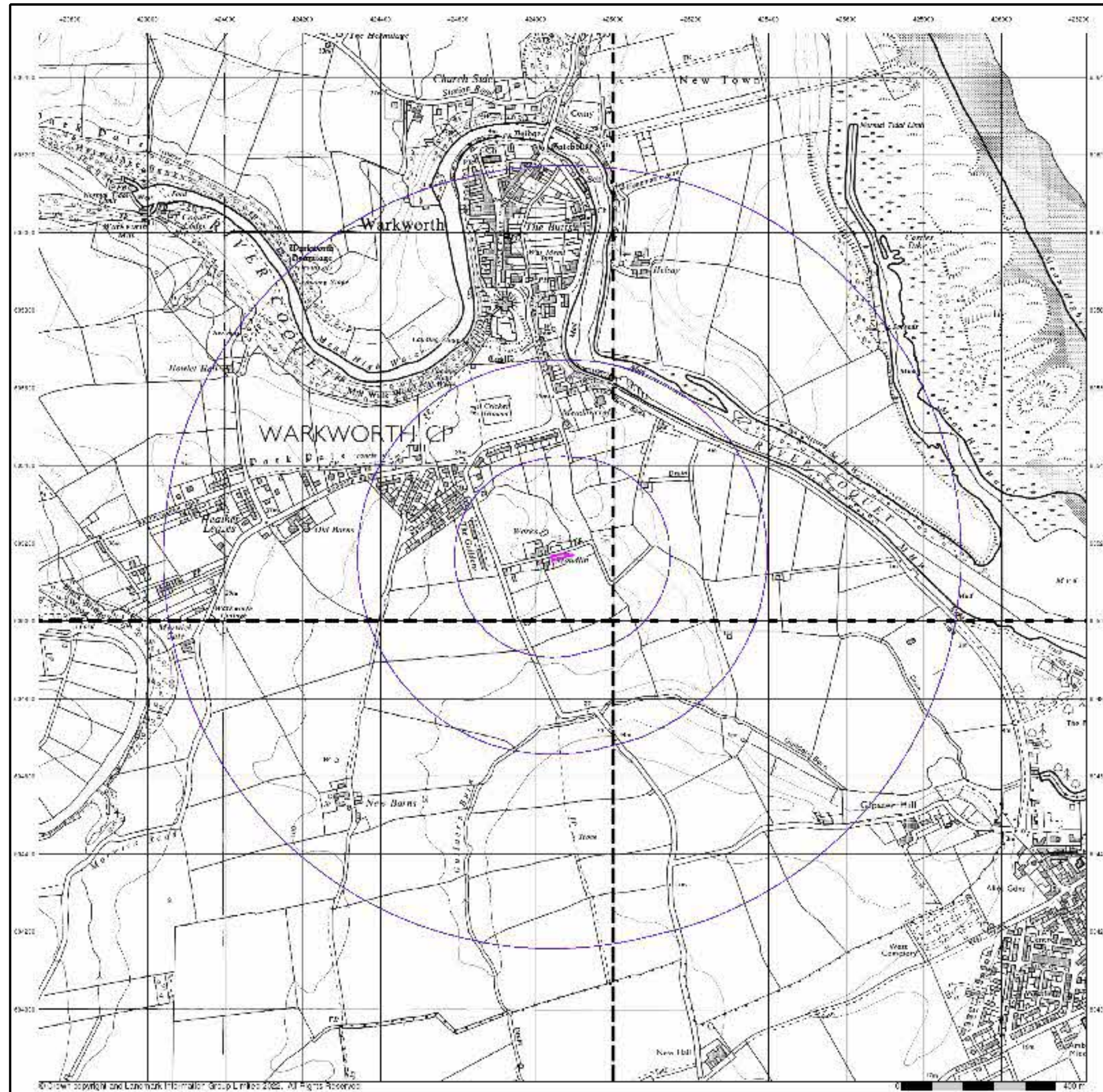
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

### Site Details

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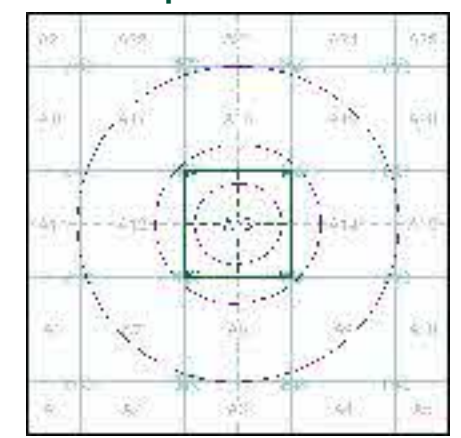
**Ordnance Survey Plan**  
**Published 1982 - 1987**  
**Source map scale - 1:10,000**

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)**

NU20NW 1987 1:10,000	NU20NE 1987 1:10,000
NU20SW 1982 1:10,560	NU20SE 1984 1:10,000

**Historical Map - Slice A**



**Order Details**

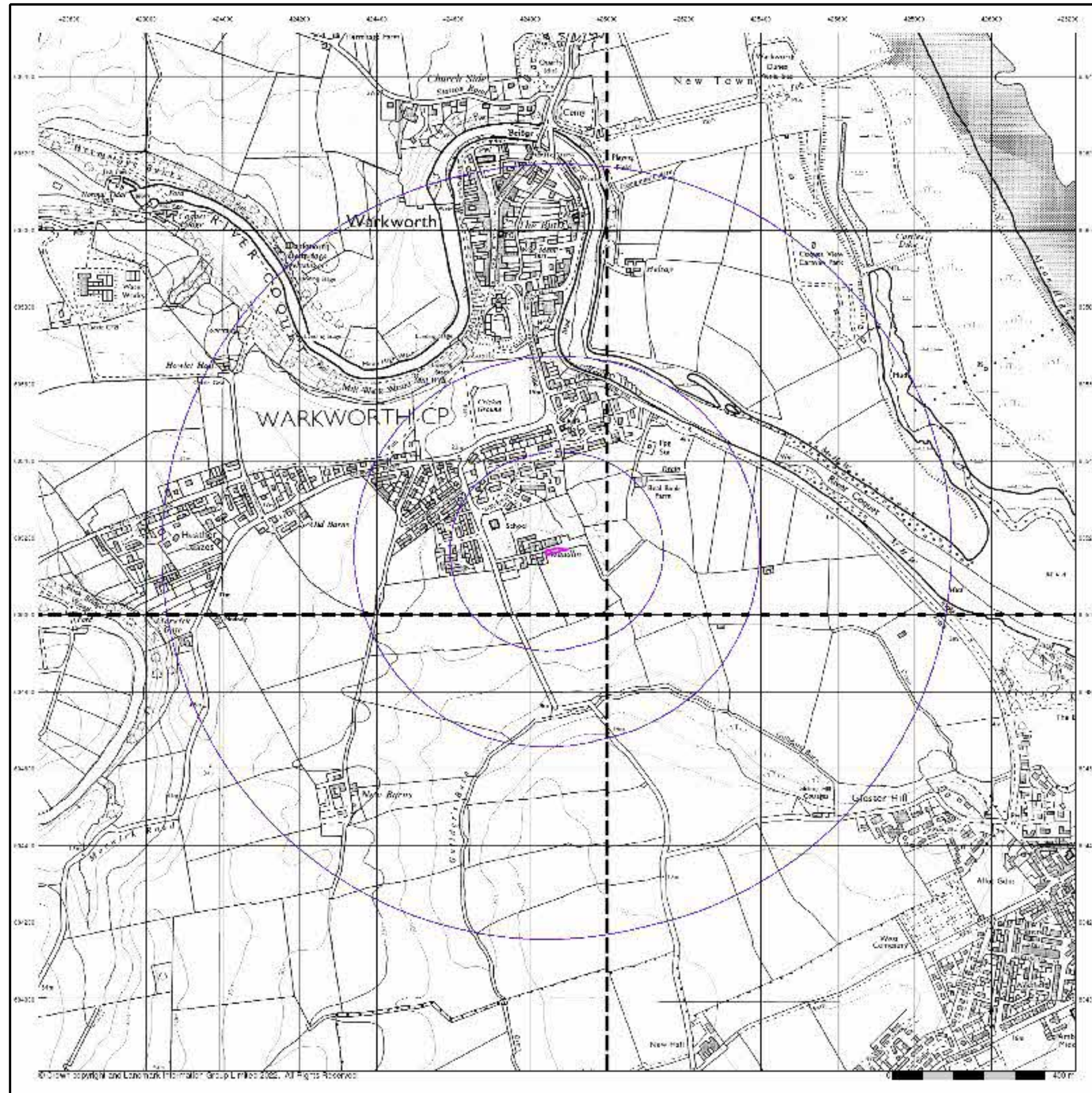
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

**Site Details**

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## Ordnance Survey Plan

Published 1991

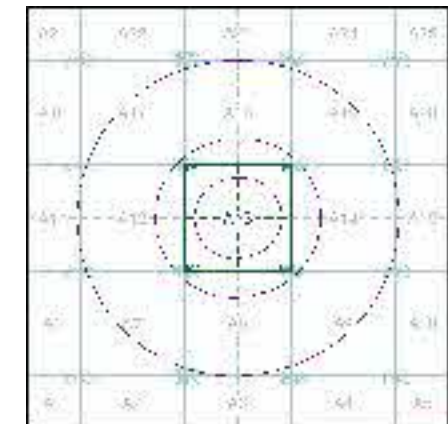
Source map scale - 1:10,000

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)

NU20NW	NU20NE
1991	1991
1:10,000	1:10,000
NU20SW	NU20SE
1991	1991
1:10,000	1:10,000

### Historical Map - Slice A



### Order Details

Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

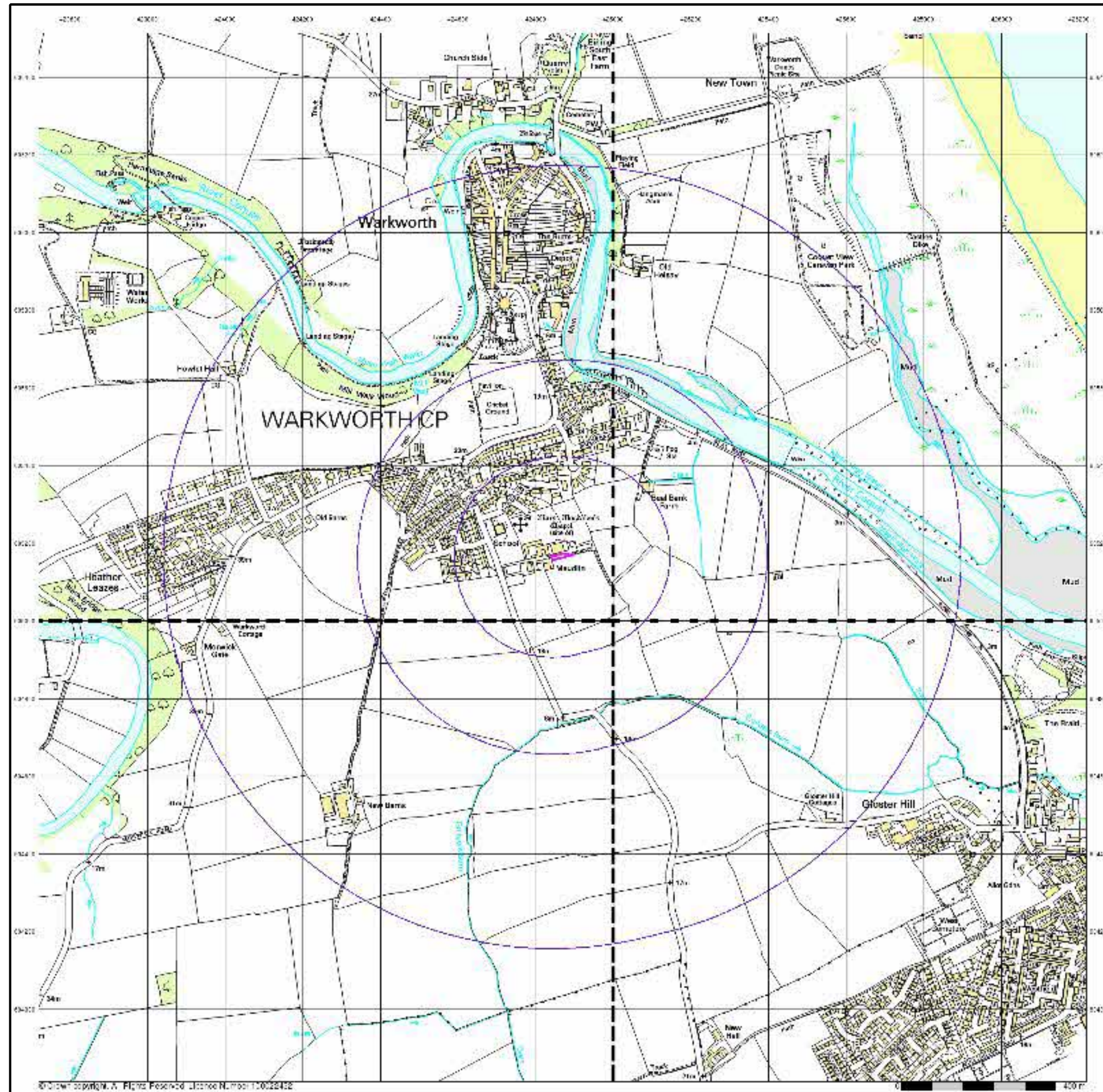
### Site Details

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### 10k Raster Mapping

Published 2000

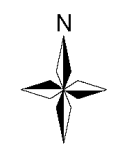
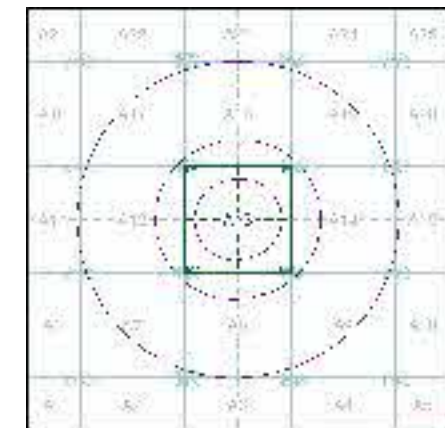
Source map scale - 1:10,000

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)

NU20NW 2000 1:10,000	NU20NE 2000 1:10,000
NU20SW 2000 1:10,000	NU20SE 2000 1:10,000

### Historical Map - Slice A



### Order Details

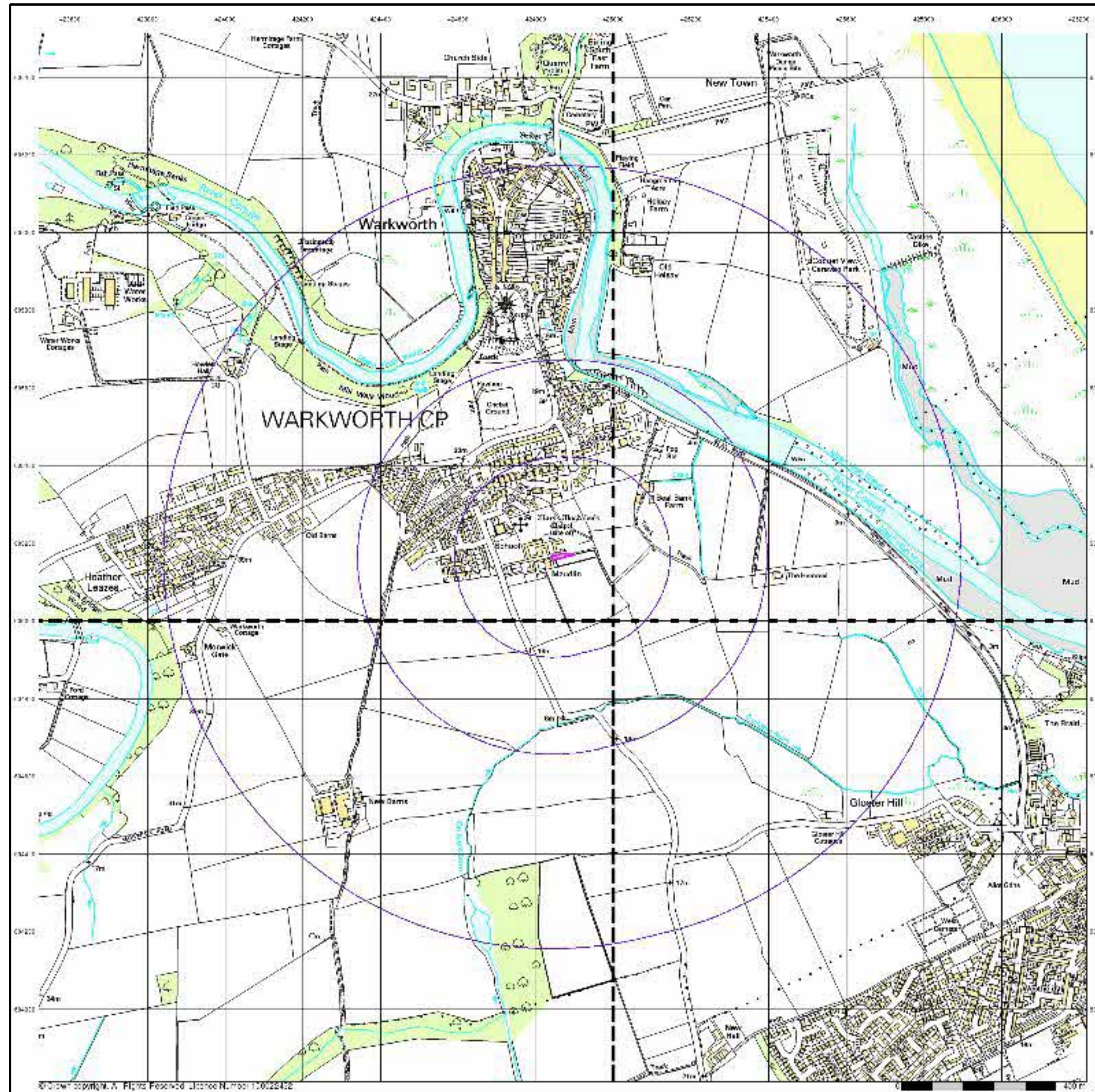
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

### Site Details

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## 10k Raster Mapping

Published 2006

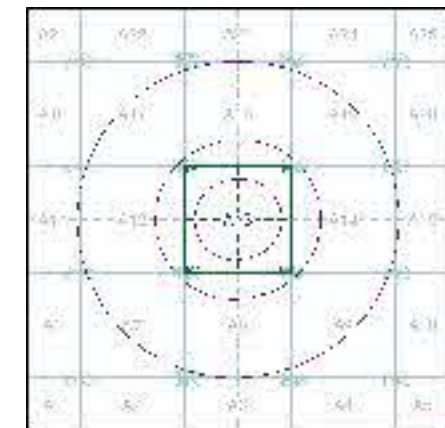
Source map scale - 1:10,000

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

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

NU20NW 2006 1:10,000	NU20NE 2006 1:10,000
NU20SW 2006 1:10,000	NU20SE 2006 1:10,000

### Historical Map - Slice A



### Order Details

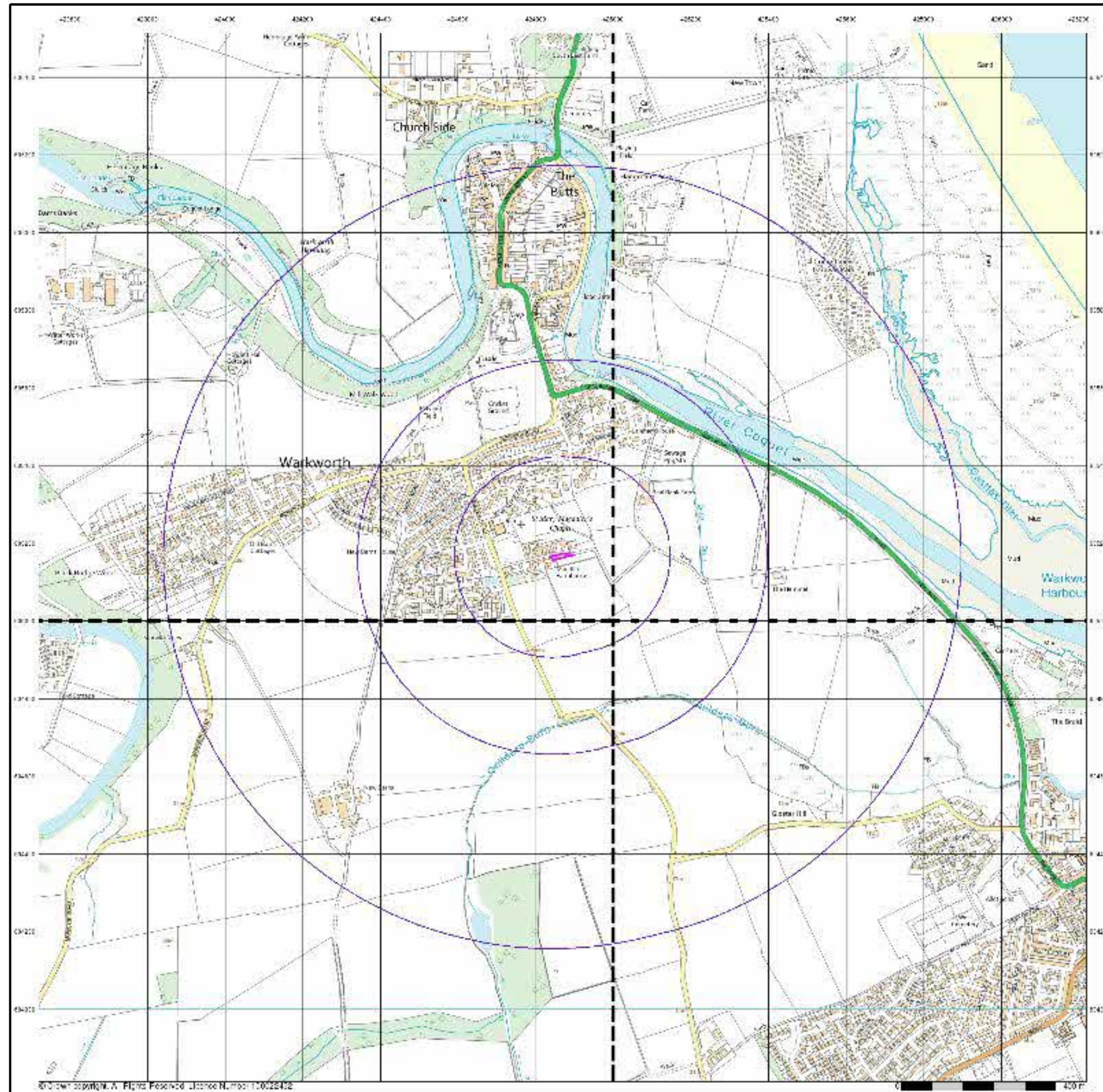
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

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### VectorMap Local

Published 2021

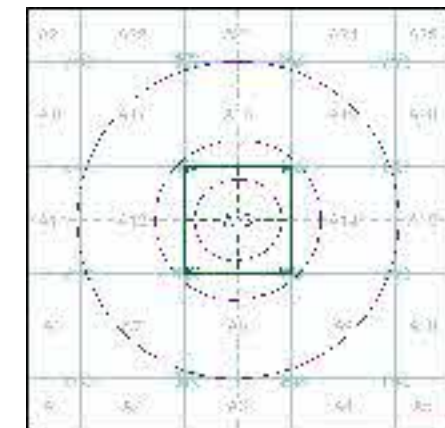
Source map scale - 1:10,000

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

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

NU20NW 2021 Variable	NU20NE 2021 Variable
NU20SW 2021 Variable	NU20SE 2021 Variable

### Historical Map - Slice A



### Order Details

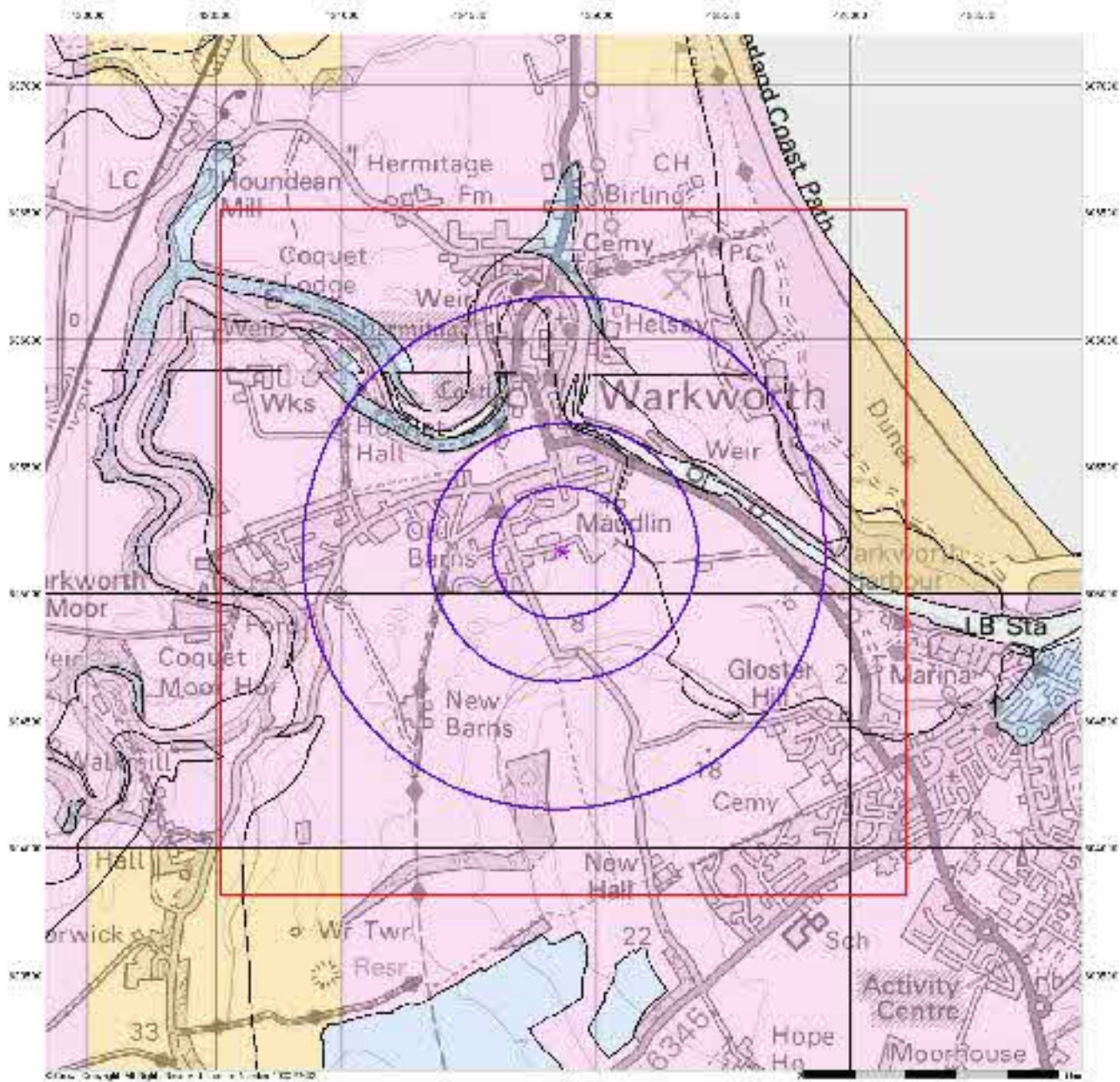
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

### Site Details

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## Groundwater Vulnerability

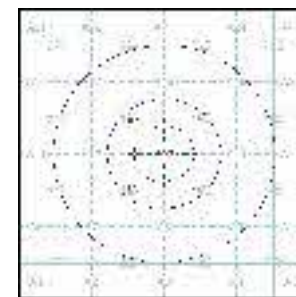
### General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### 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    |
| Unproductive Aquifer                    |   |
| Soluble Rock                            |   |

### Site Sensitivity Context Map - Slice A



### Order Details

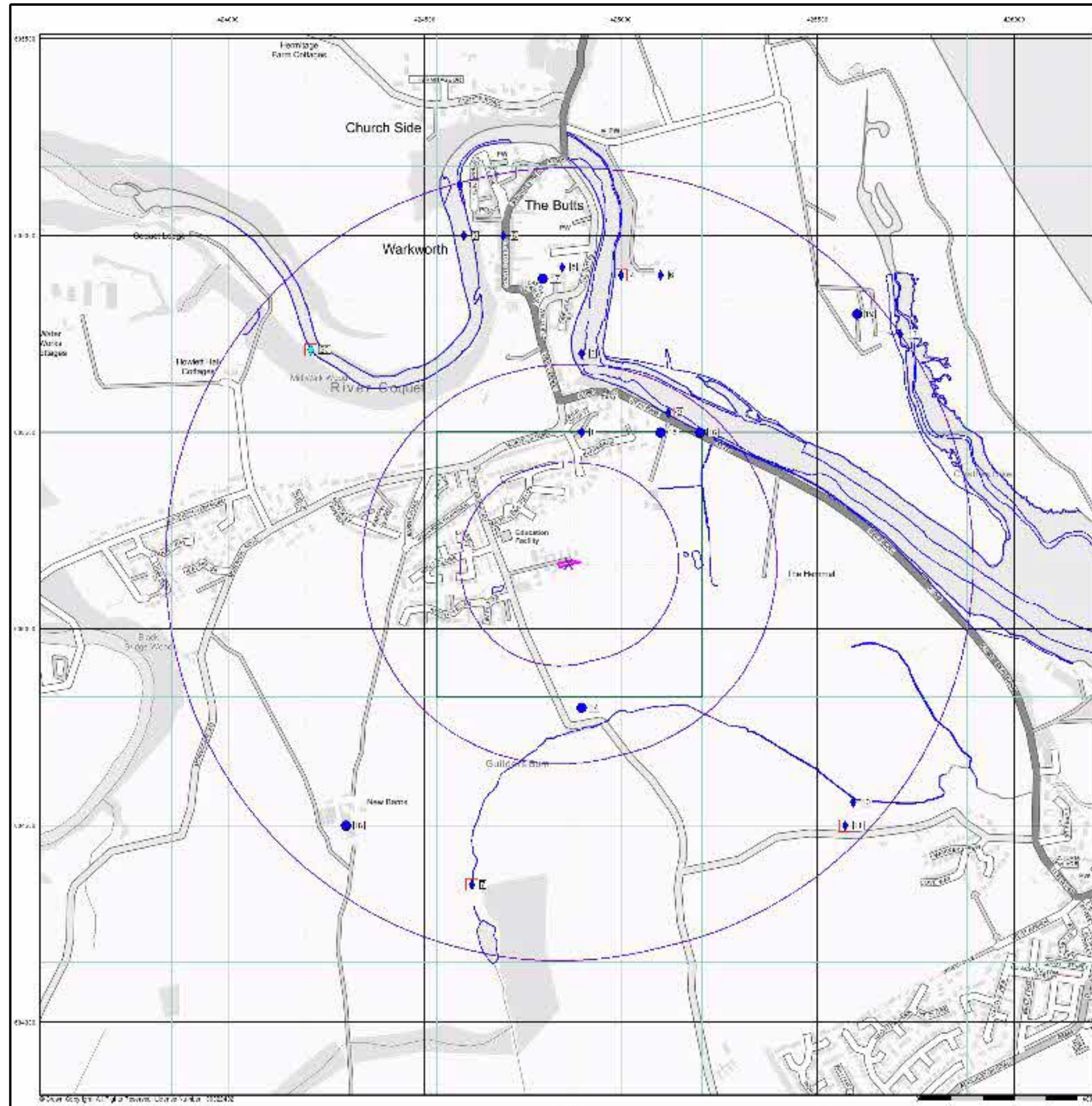
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
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 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

### Site Details

Plots 2 & 3, Maudlin Farm, Warkworth, Morpeth, Northumberland, NE65 0WR

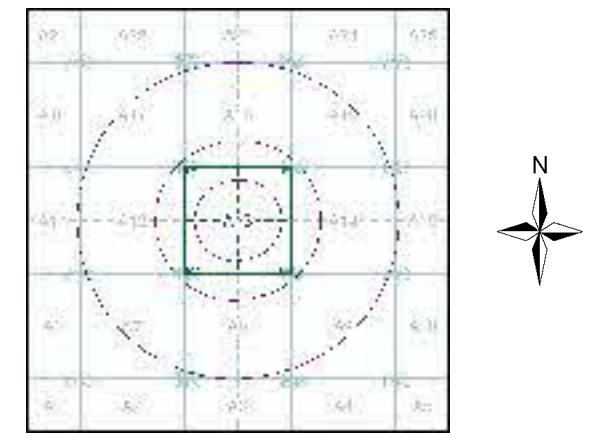


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- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - Discharge Consent
  - Enforcement or Prohibition Notice
  - Integrated Pollution Control
  - Integrated Pollution Prevention Control
  - Local Authority Integrated Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control Enforcement
  - Pollution Incident to Controlled Waters
  - Prosecution Relating to Authorised Processes
  - Prosecution Relating to Controlled Waters
  - Registered Radioactive Substance
  - River Network or Water Feature
  - River Quality Sampling Point
  - Substantiated Pollution Incident Register
  - Water Abstraction
  - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
  - BGS Recorded Landfill Site
  - EA Historic Landfill (Buffered Point)
  - EA Historic Landfill (Polygon)
  - Integrated Pollution Control Registered Waste Site
  - Licensed Waste Management Facility (Landfill boundary)
  - Licensed Waste Management Facility (Location)
  - Local Authority Recorded Landfill Site (Location)
  - Local Authority Recorded Landfill Site
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Registered Landfill Site (Location)
  - Registered Landfill Site (Point Buffered to 100m)
  - Registered Landfill Site (Point Buffered to 250m)
  - Registered Waste Transfer Site (Location)
  - Registered Waste Transfer Site
  - Registered Waste Treatment or Disposal Site (Location)
  - Registered Waste Treatment or Disposal Site

**Site Sensitivity Map - Slice A**

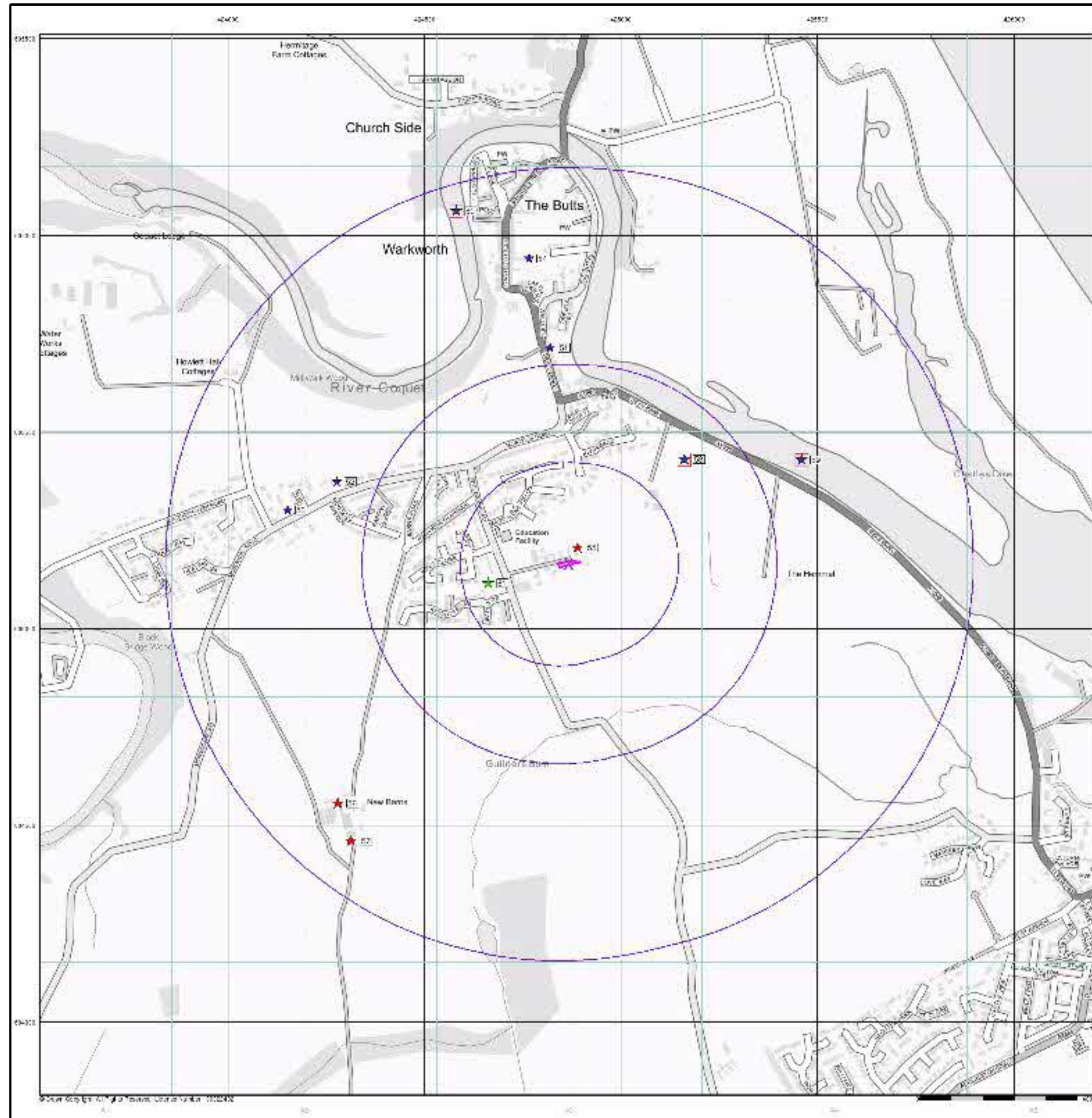


**Order Details**

Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

**Site Details**

Plots 2 & 3, Maudlin Farm, Warkworth, Morpeth, Northumberland, NE65 0WR

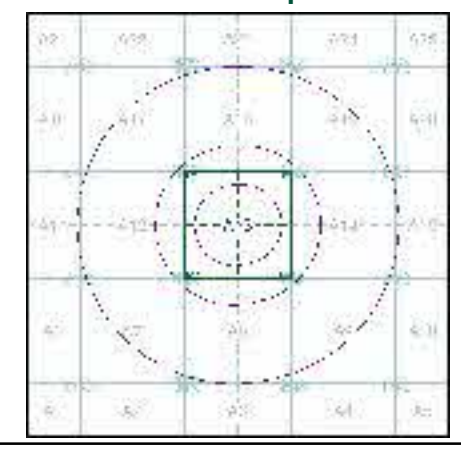


### Industrial Land Use Map

- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Slice
  - Map ID

- Industrial Land Use**
- Contemporary Trade Directory Entry
  - Fuel Station Entry
  - Gas Pipeline
  - Points of Interest - Commercial Services
  - Points of Interest - Education and Health
  - Points of Interest - Manufacturing and Production
  - Points of Interest - Public Infrastructure
  - Points of Interest - Recreational and Environmental
  - Underground Electrical Cables

### Industrial Land Use Map - Slice A



### Order Details

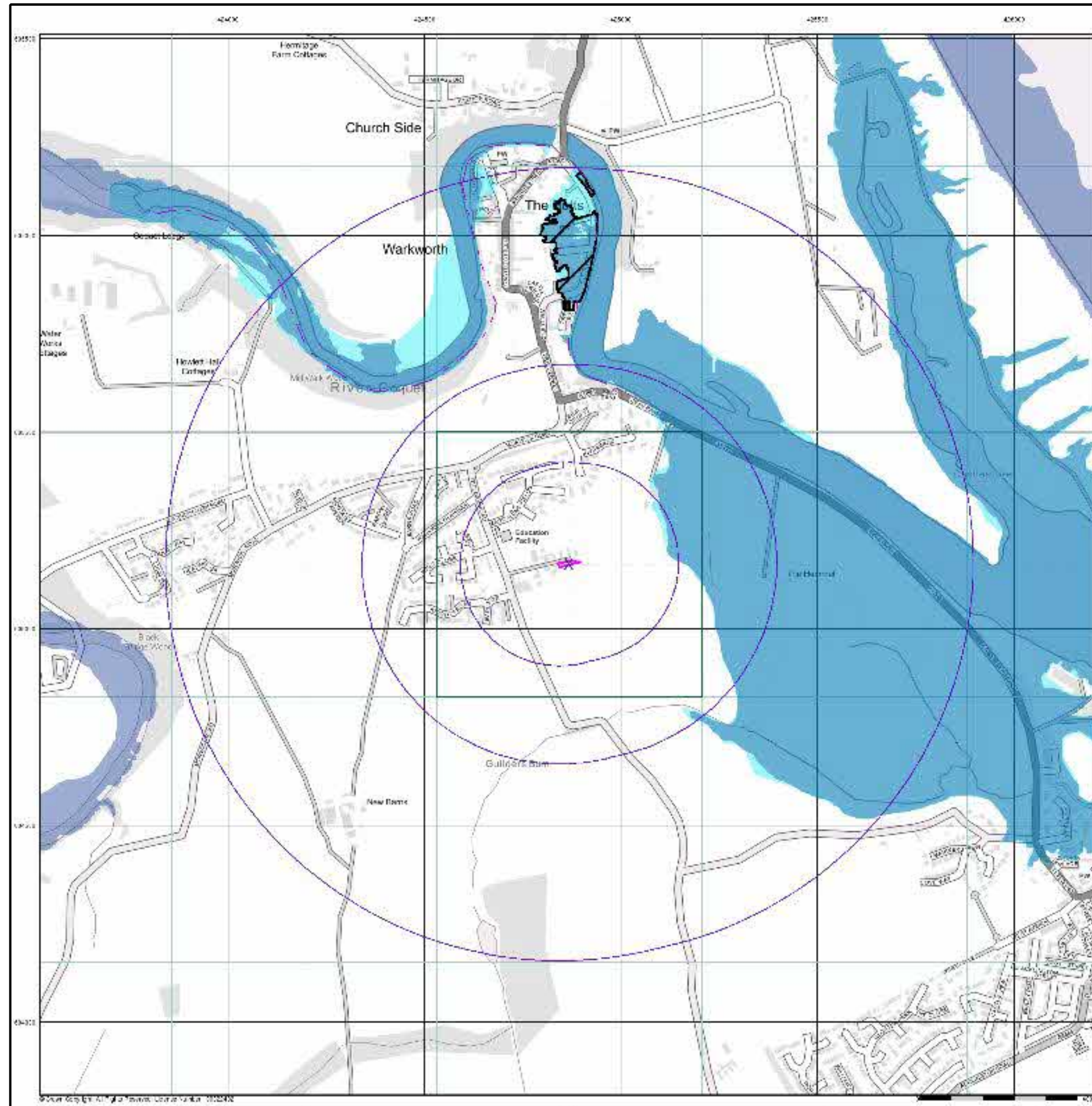
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 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

### Site Details

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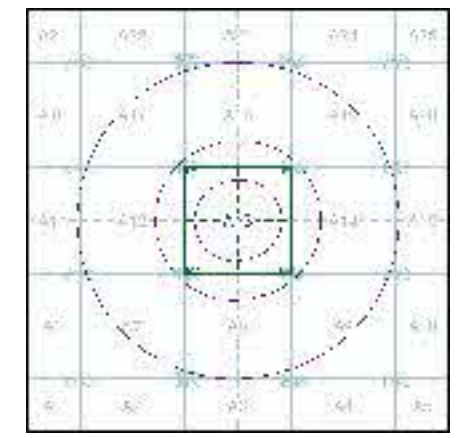
**General**

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

**Agency and Hydrological (Flood)**

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

**Flood Map - Slice A**



**Order Details**

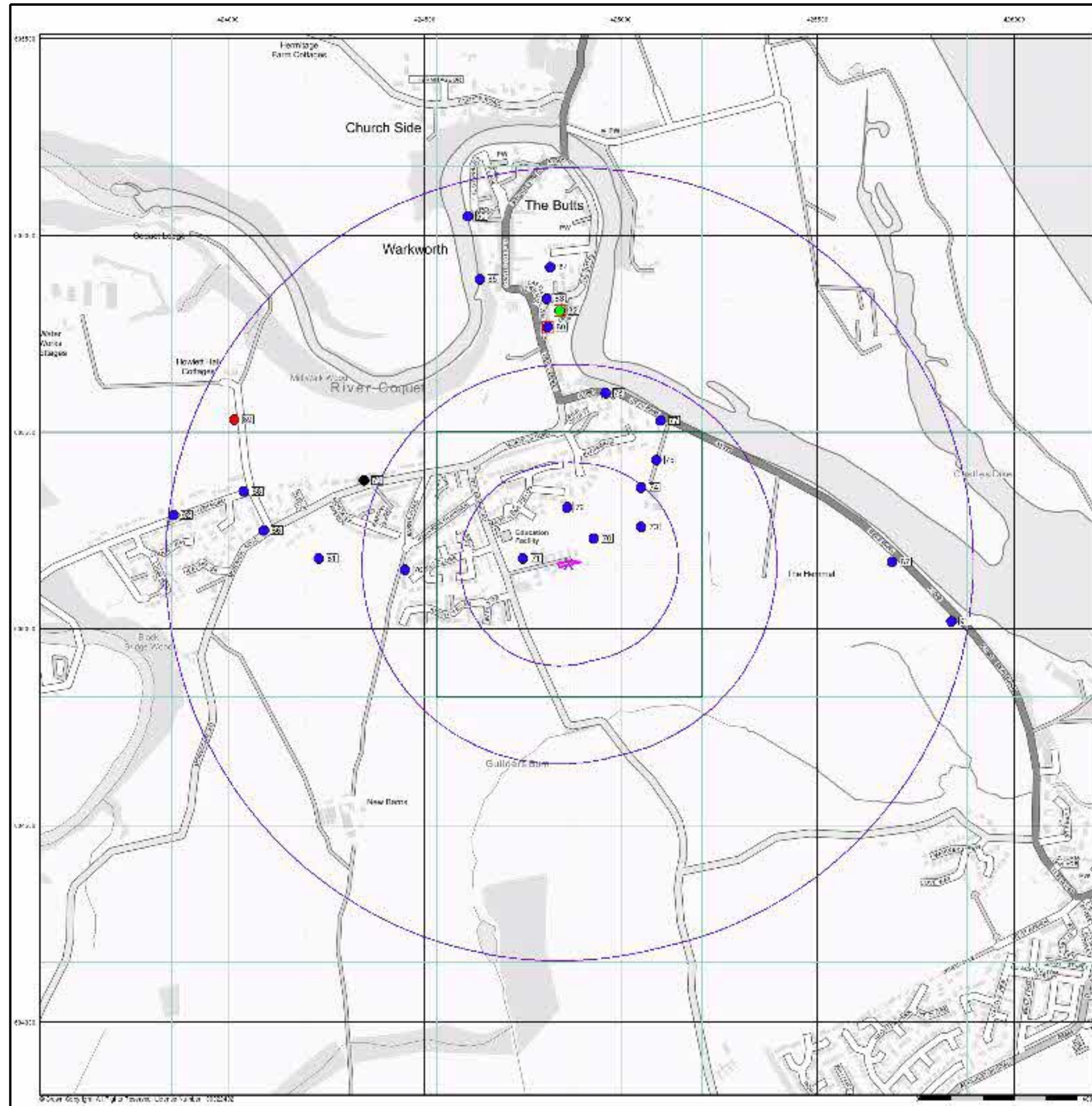
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

**Site Details**

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**General**

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

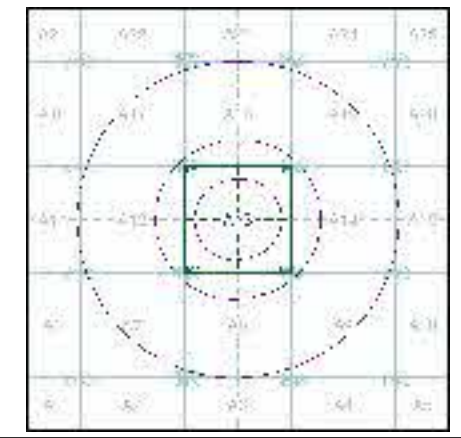
**Agency and Hydrological (Boreholes)**

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- 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: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

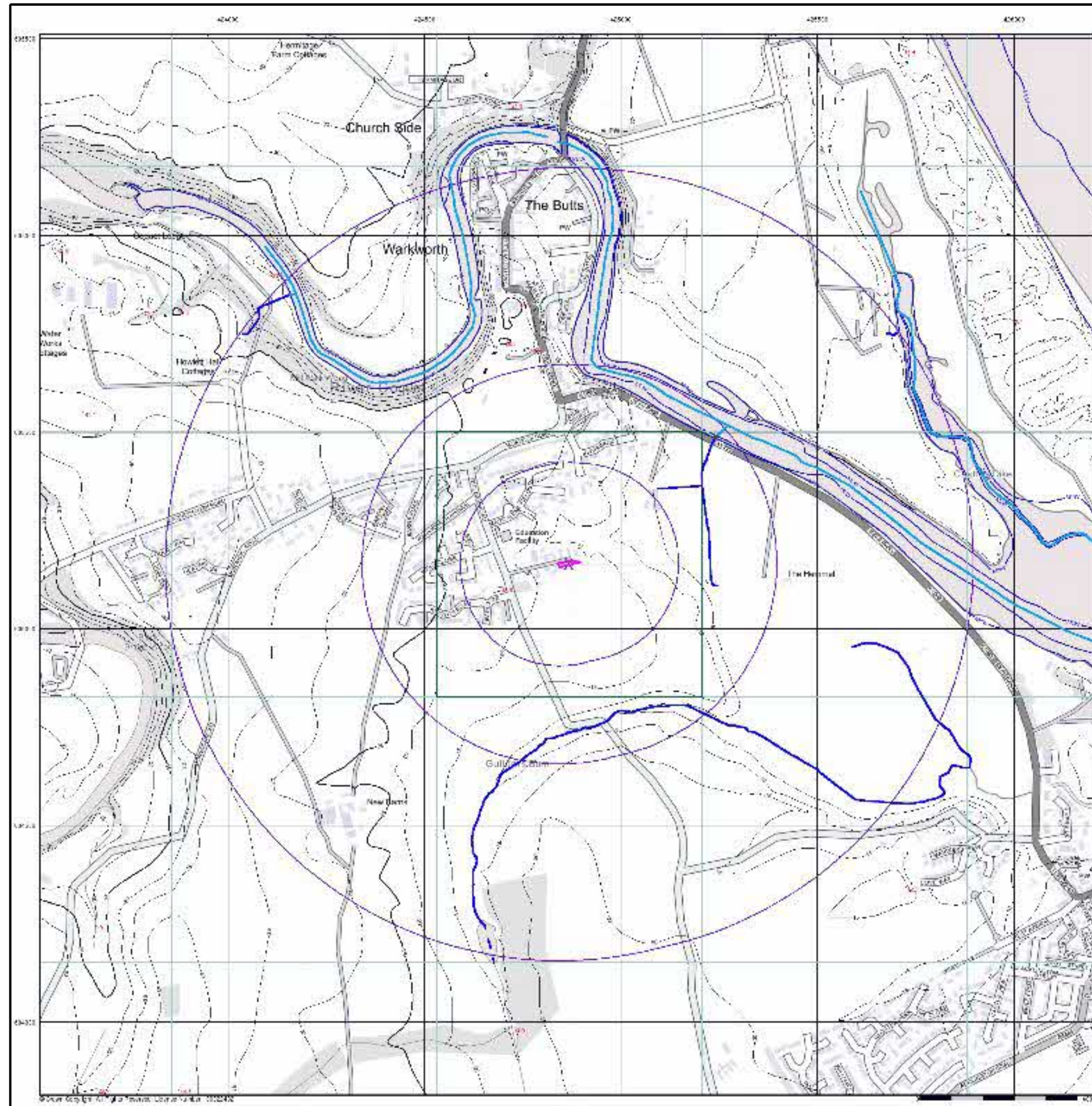
**Site Details**

Plots 2 & 3, Maudlin Farm, Warkworth, Morpeth, Northumberland, NE65 0WR



Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



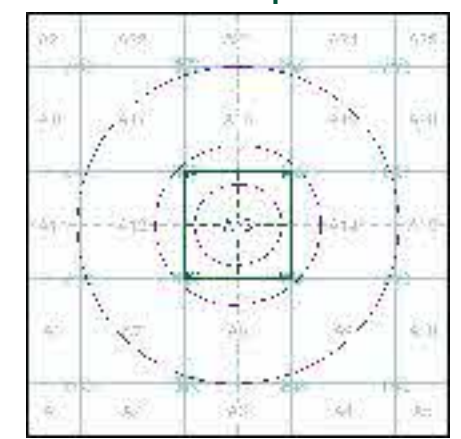


- General**
- Specified Site
  - Specified Buffer(s)
  - X Bearing Reference Point

- OS Water Network Data**
- |              |                         |
|--------------|-------------------------|
| Canal        | Drain                   |
| Reservoir    | Other                   |
| Forashore    | Lake                    |
| Marsh        | Transfer                |
| Tidal River  | Lock Or Flight Of Locks |
| Inland River | Sea                     |

- Contours (height in meters)**
- Standard Contour: 0.5
- Master Contour: 1.0
- Spot Height: 167.0
- MHW Mean Low Water
- MHH Mean High Water

**OS Water Network Map - Slice A**

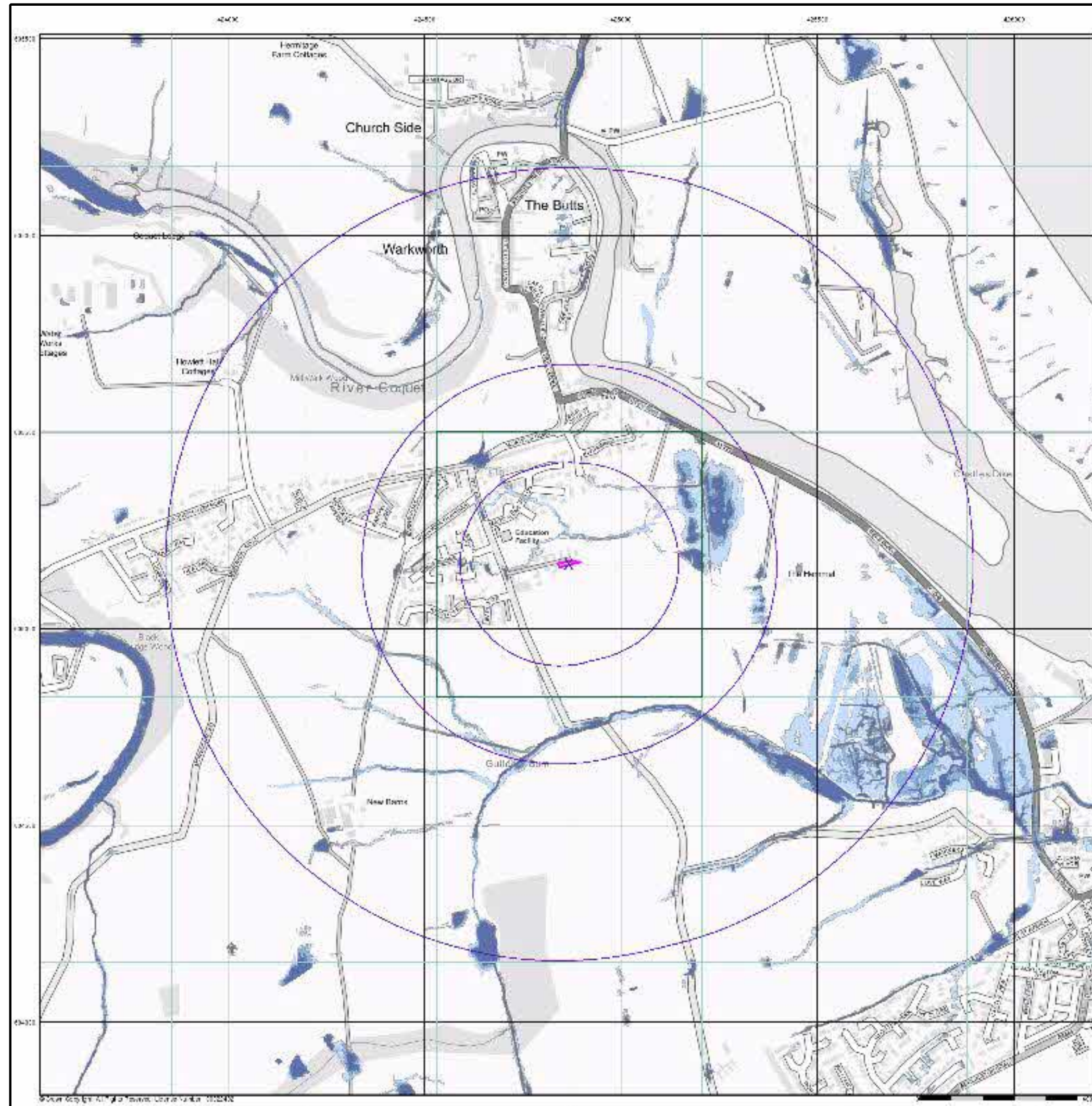


**Order Details**

Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

**Site Details**

Plots 2 & 3, Maudlin Farm, Warkworth, Morpeth,  
 Northumberland, NE65 0WR



**General**

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

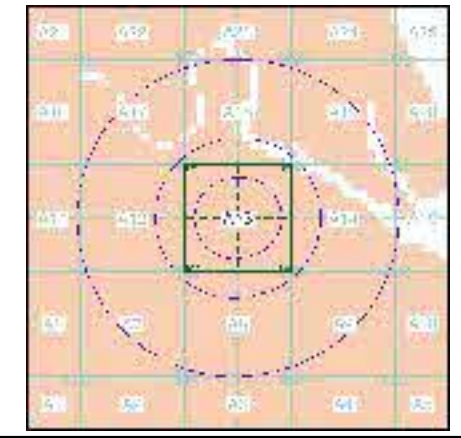
**Risk of Flooding from Surface Water**

- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

**Suitability**

- See the suitability map below
- National to county
  - County to town
  - Town to street
  - Street to parcels of land
  - Property

**EANRW Suitability Map - Slice A**



**Order Details**

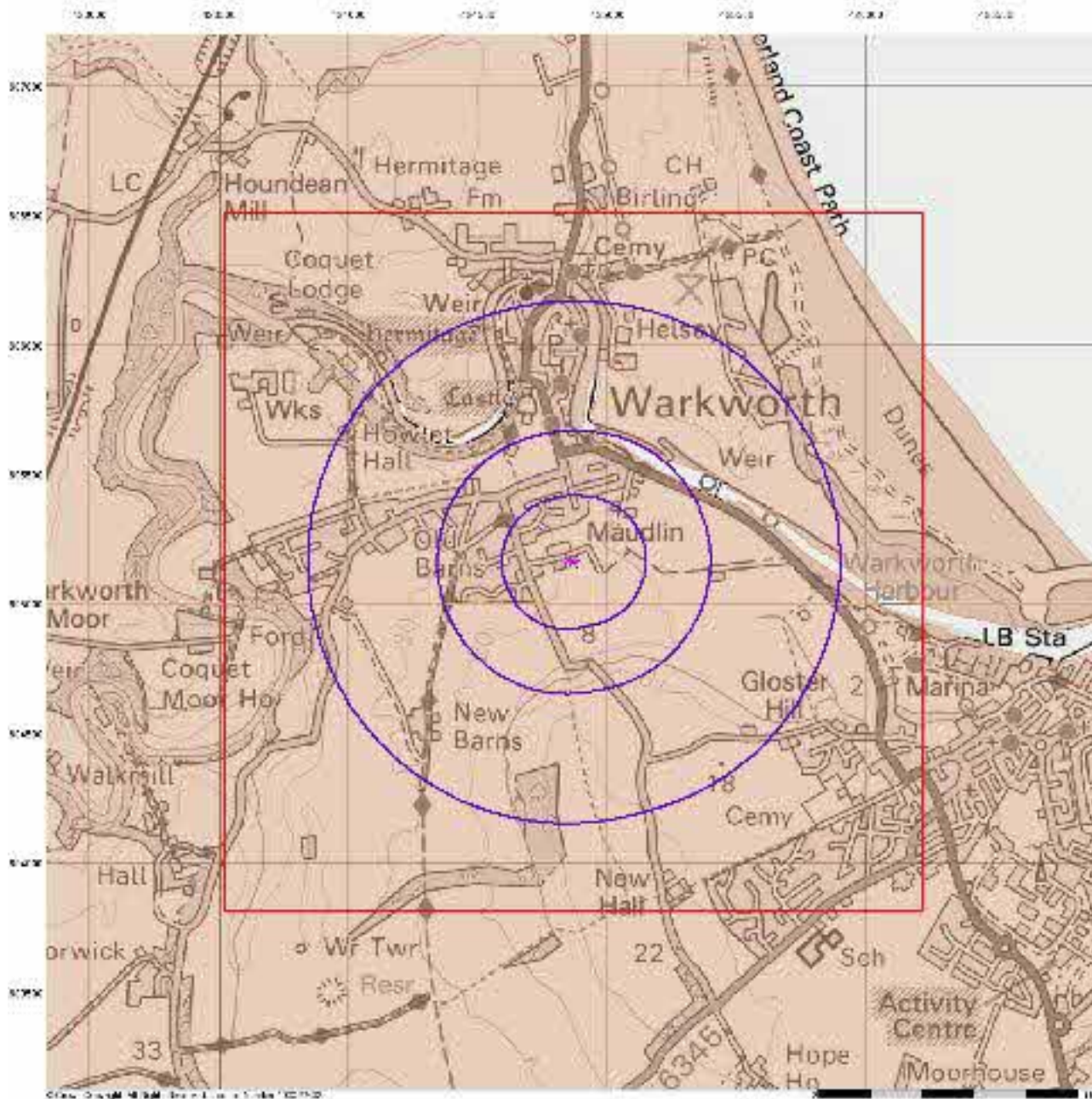
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

**Site Details**

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## Bedrock Aquifer Designation

### General

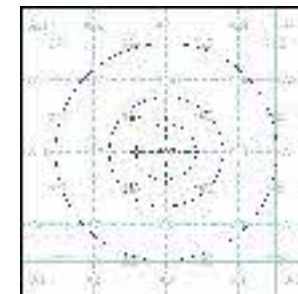
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

### Site Sensitivity Context Map - Slice A



### Order Details

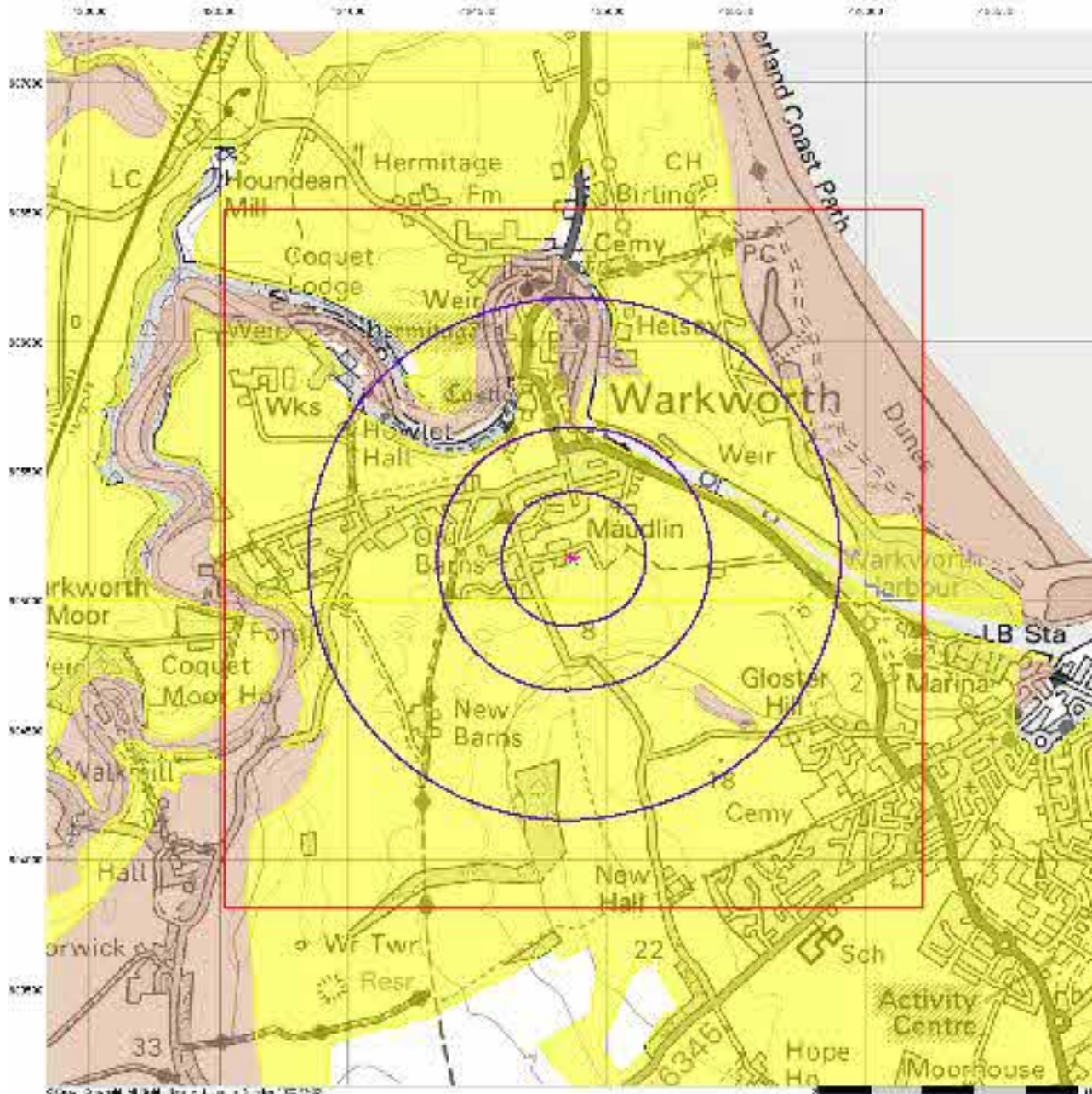
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

### Site Details

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 Web: www.envirocheck.co.uk



## Superficial Aquifer Designation

### General

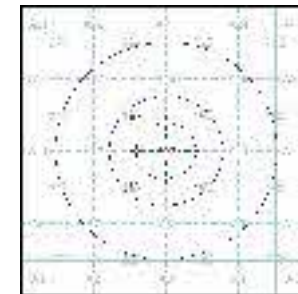
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

### Site Sensitivity Context Map - Slice A



### Order Details

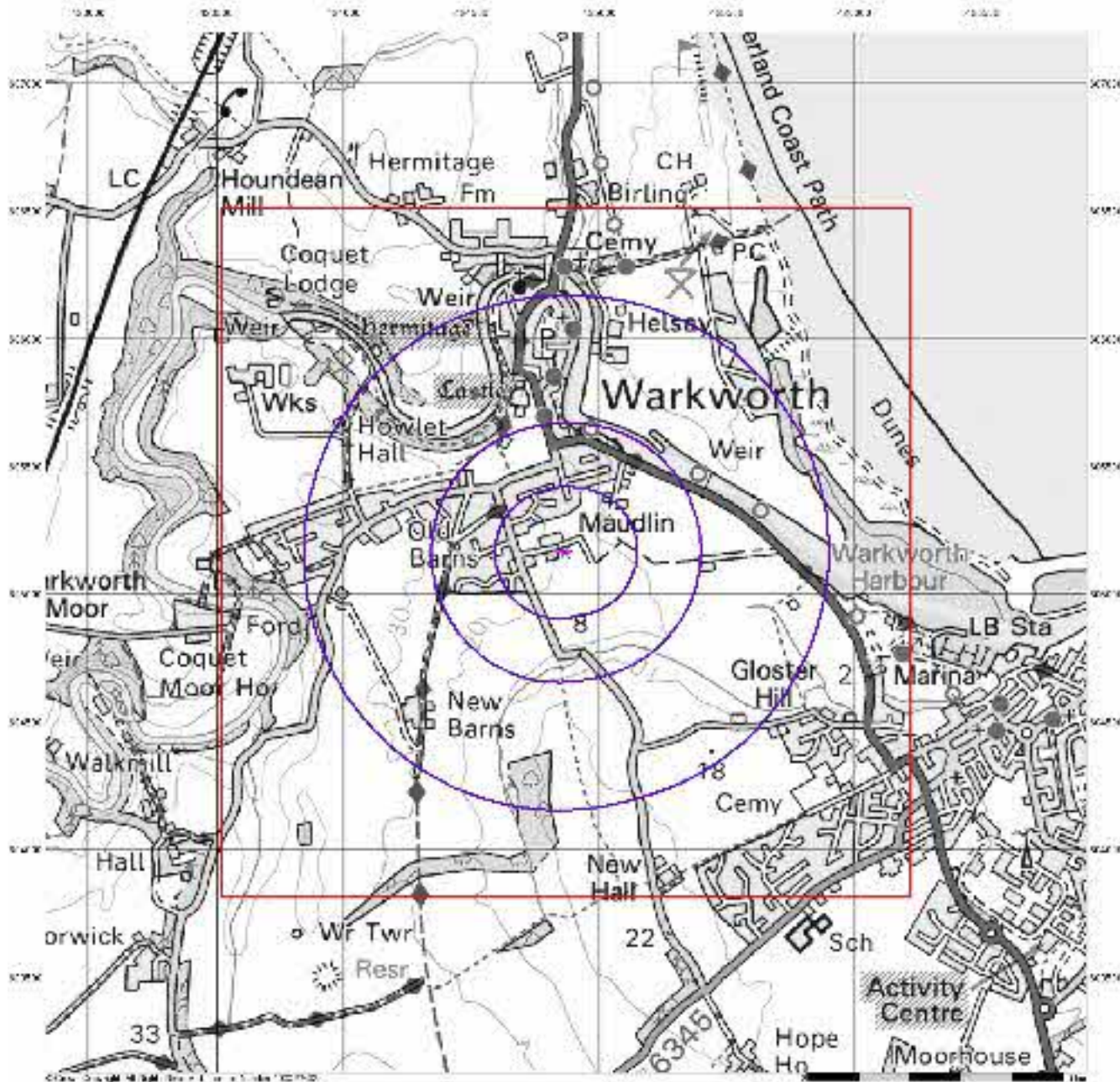
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

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## Source Protection Zones

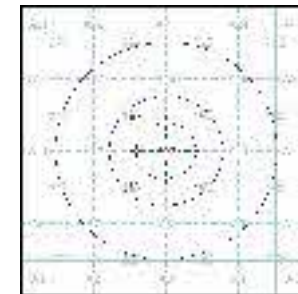
### General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

### Site Sensitivity Context Map - Slice A



### Order Details

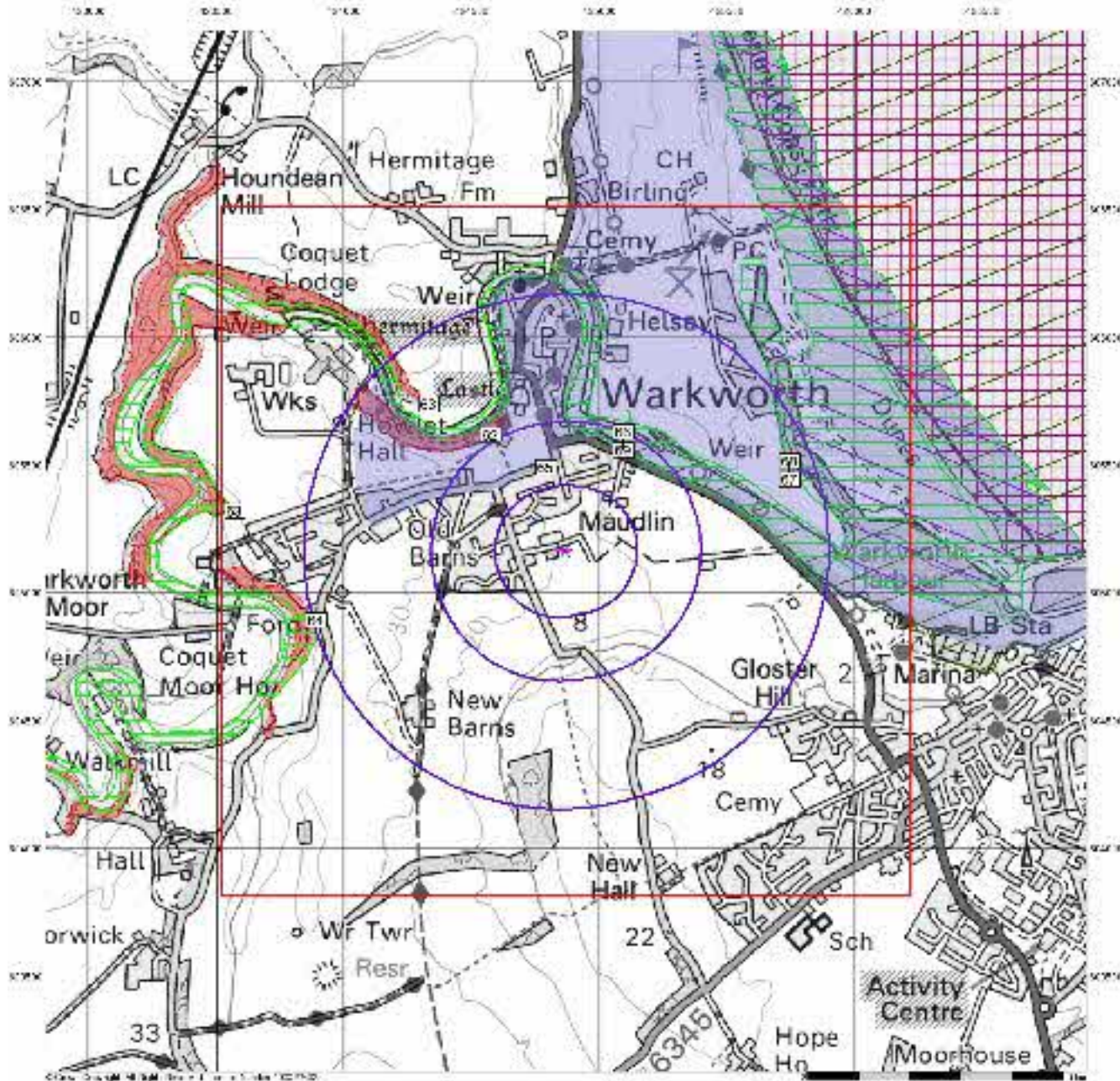
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

### Site Details

Plots 2 & 3, Maudlin Farm, Warkworth, Morpeth, Northumberland, NE65 0WR








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



## Sensitive Land Uses

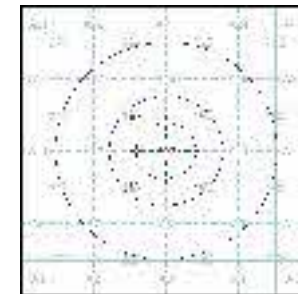
### General

-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point
-  Slice
-  Map ID

### Sensitive Land Uses

-  Ancient Woodland
-  Area of Adopted Green Belt
-  Area of Unadopted Green Belt
-  Area of Outstanding Natural Beauty
-  Environmentally Sensitive Area
-  Forest Park
-  Local Nature Reserve
-  Marine Nature Reserve
-  National Nature Reserve
-  National Park
-  Nitrate Sensitive Area
-  Nitrate Vulnerable Zone
-  Ramsar Site
-  Site of Special Scientific Interest
-  Special Area of Conservation
-  Special Protection Area
-  World Heritage Sites

### Site Sensitivity Context Map - Slice A



### Order Details

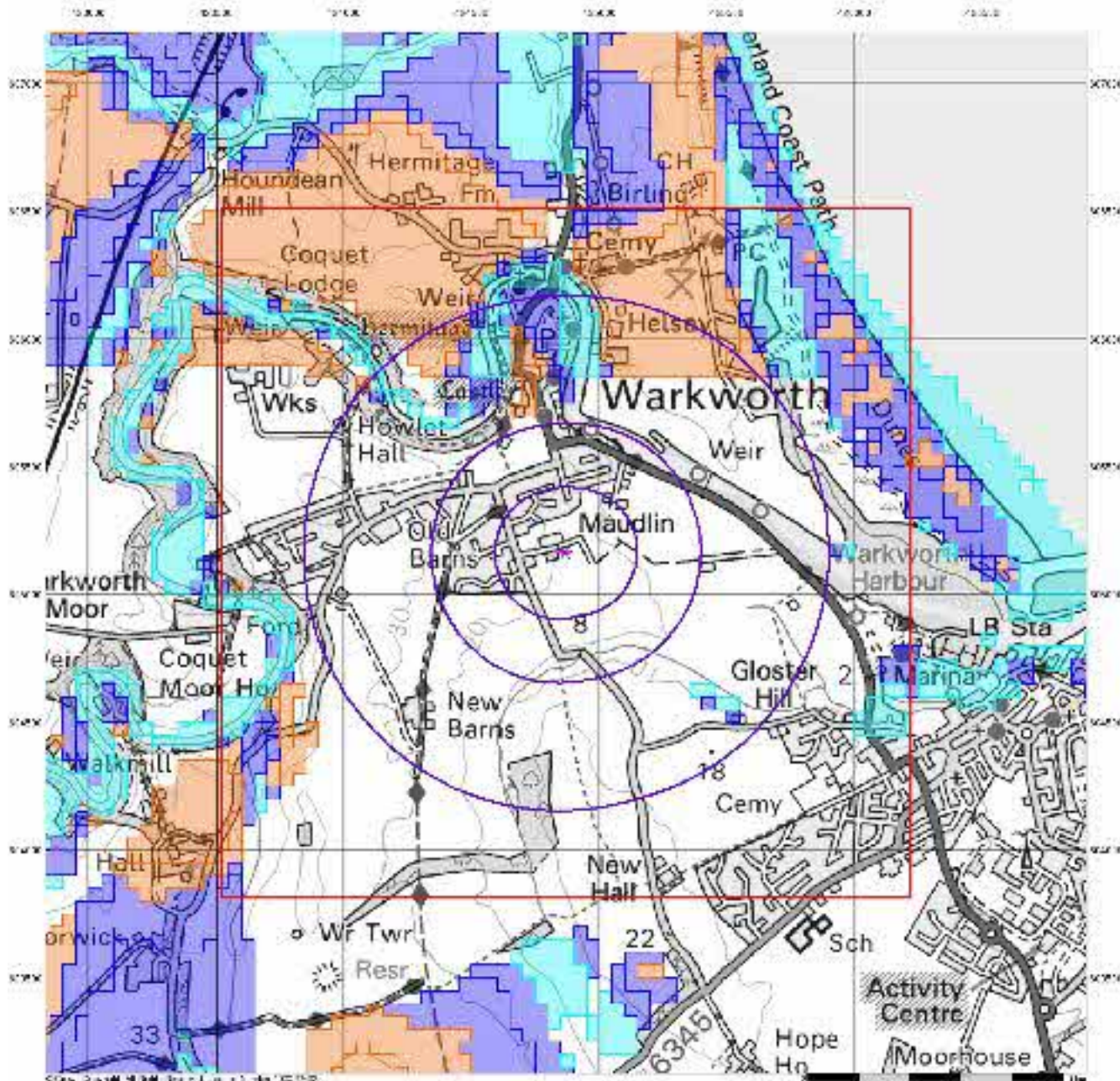
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

### Site Details

Plots 2 & 3, Maudlin Farm, Warkworth, Morpeth, Northumberland, NE65 0WR



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



**BGS Flood GFS Data**

**General**

- Boundary - Property
- Boundary - Flood
- Boundary - Watercourse
- Wall

**Agency and Hydrological (Flood)**

- Potential for Groundwater Flooding of Coastal
- Potential for Groundwater Flooding of Property, Coastal Drainage Line
- Potential for Groundwater Flooding of Coastal Gullies

**Site Sensitivity Context Map - Slice A**



**Order Details**

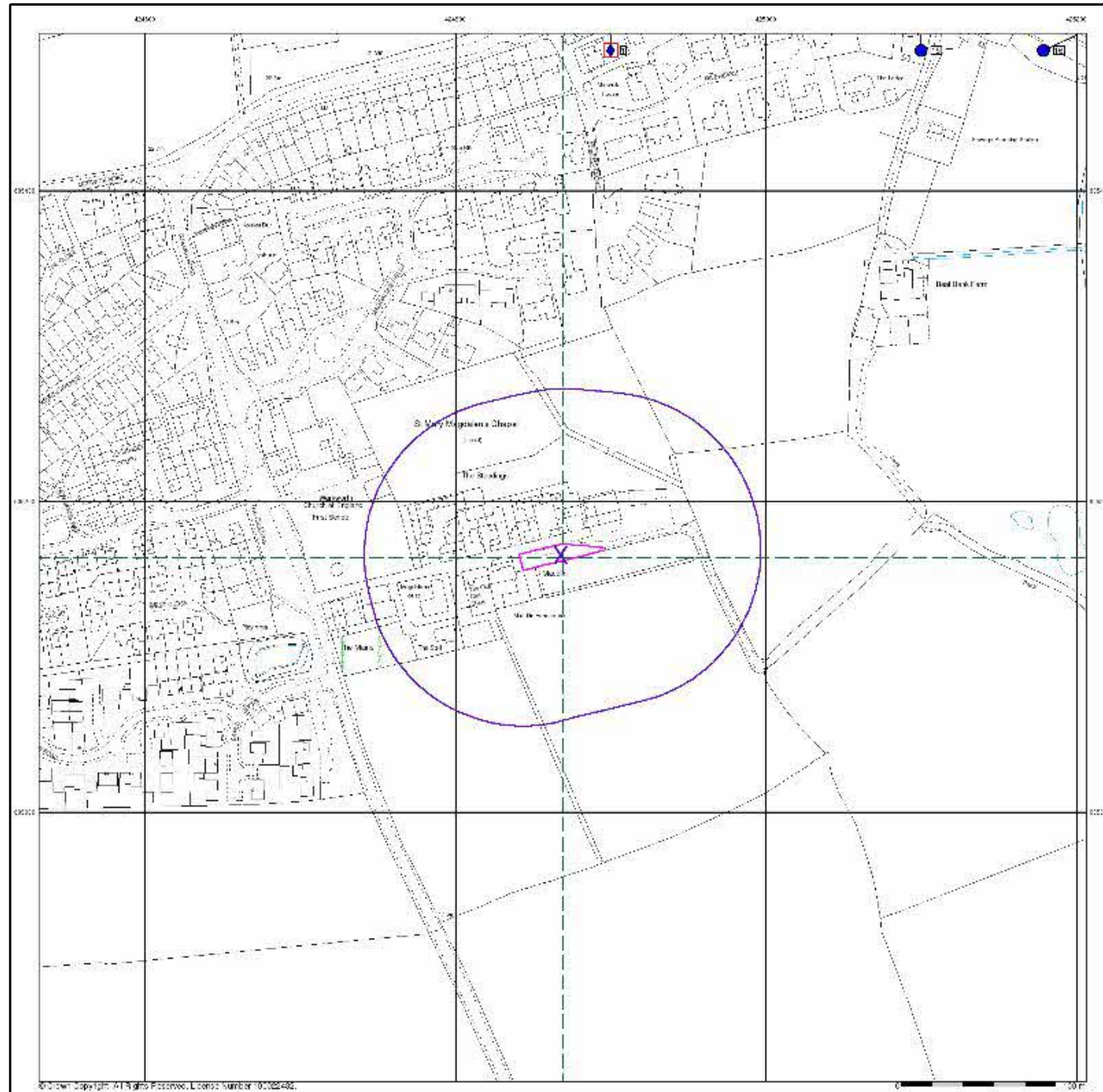
Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Search Buffer (m): 1000

**Site Details**

Plots 2 & 3, Maudlin Farm, Warkworth, Morpeth, Northumberland, NE65 0WR

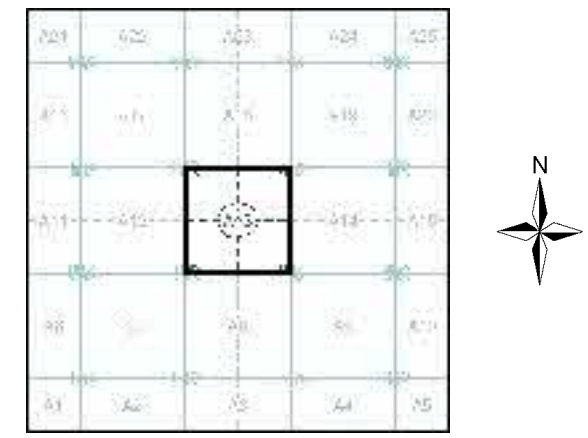


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 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
  - Pylon
  - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - Discharge Consent
  - Enforcement or Prohibition Notice
  - Integrated Pollution Control
  - Integrated Pollution Prevention Control
  - Local Authority Integrated Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control Enforcement
  - Pollution Incident to Controlled Waters
  - Prosecution Relating to Authorised Processes
  - Prosecution Relating to Controlled Waters
  - Registered Radioactive Substance
  - River Network or Water Feature
  - River Quality Sampling Point
  - Substantiated Pollution Incident Register
  - Water Abstraction
  - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
  - BGS Recorded Landfill Site
  - EA Historic Landfill (Buffered Point)
  - EA Historic Landfill (Polygon)
  - Integrated Pollution Control Registered Waste Site
  - Licensed Waste Management Facility (Landfill Boundary)
  - Licensed Waste Management Facility (Location)
  - Local Authority Recorded Landfill Site (Location)
  - Local Authority Recorded Landfill Site
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Registered Landfill Site
  - Registered Landfill Site (Location)
  - Registered Landfill Site (Point Buffered to 100m)
  - Registered Landfill Site (Point Buffered to 250m)
  - Registered Waste Transfer Site (Location)
  - Registered Waste Transfer Site
  - Registered Waste Treatment or Disposal Site (Location)
  - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

**Site Sensitivity Map - Segment A13**



**Order Details**

Order Number: 298815422\_1\_1  
 Customer Ref: GEOL22-8277  
 National Grid Reference: 424870, 605170  
 Slice: A  
 Site Area (Ha): 0.05  
 Plot Buffer (m): 100

**Site Details**

Plots 2 & 3, Maudlin Farm, Warkworth, Morpeth, Northumberland, NE65 0WR

**Landmark**  
 INFORMATION GROUP

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





# Envirocheck<sup>®</sup> Report:

## Datasheet

### Order Details:

**Order Number:**

298815422\_1\_1

**Customer Reference:**

GEOL22-8277

**National Grid Reference:**

424870, 605170

**Slice:**

A

**Site Area (Ha):**

0.05

**Search Buffer (m):**

1000

### Site Details:

Plots 2 & 3

Maudlin Farm

Warkworth

Morpeth

Northumberland

NE65 0WR

### Client Details:

G

Geol Consultants Ltd

3 Gladstone Terrace

Gateshead

NE8 4DY



Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	14
Hazardous Substances	-
Geological	15
Industrial Land Use	18
Sensitive Land Use	20
Data Currency	21
Data Suppliers	28
Useful Contacts	29

## 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



## Summary

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					n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			11	15
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					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7		Yes		
Pollution Incidents to Controlled Waters	pg 7			3	3
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 8			1	
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 8				3 (*2)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 10	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 10		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 10		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 10			15	15



## Summary

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					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 14	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
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					



## Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 15	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 15	Yes		Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 15	Yes	n/a	n/a	n/a
Mining Instability	pg 15	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 15	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 15	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 16	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 16	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 16	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 18				4
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 18		1		2
Points of Interest - Public Infrastructure	pg 18			2	4
Points of Interest - Recreational and Environmental	pg 19		1		
Gas Pipelines					
Underground Electrical Cables					



## Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Ancient Woodland	pg 20				3
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty	pg 20			1	
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 20			1	1
Special Areas of Conservation	pg 20				1
Special Protection Areas	pg 20			1	
World Heritage Sites					



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Ltd  Property Type: Not Given  Location: Beal Bank Pumping Station No 4, WARKWORTH  Authority: Environment Agency, North East Region  Catchment Area: Coquet  Reference: 223/B/0223/0657  Permit Version: Not Supplied  Effective Date: Not Supplied  Issued Date: 3rd February 1977  Revocation Date: Not Supplied  Discharge Type: Emergency overflow/SW  Discharge: Tidal Waters  Environment:  Receiving Water: Coquet  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	324	2	424900 605495
1	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Ltd  Property Type: Not Given  Location: Woodlands Pumping Station No 3, WARKWORTH  Authority: Environment Agency, North East Region  Catchment Area: Coquet  Reference: 223/B/0223/0657  Permit Version: Not Supplied  Effective Date: Not Supplied  Issued Date: 3rd February 1977  Revocation Date: Not Supplied  Discharge Type: Storm Sewage  Discharge: Tidal Waters  Environment:  Receiving Water: Coquet  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	325	2	424905 605495
1	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Ltd  Property Type: Not Given  Location: Beal Bank Pumping Station No 4, WARKWORTH  Authority: Environment Agency, North East Region  Catchment Area: Coquet  Reference: 223/B/0223/0657  Permit Version: Not Supplied  Effective Date: Not Supplied  Issued Date: 3rd February 1977  Revocation Date: Not Supplied  Discharge Type: Storm Sewage  Discharge: Tidal Waters  Environment:  Receiving Water: Coquet  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	329	2	424900 605500
2	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Beal Bank Sps Near Croft House, Beal Bank, Warkworth, Morpeth, Northumberland, Ne65 0ta  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 223/B/0222  Permit Version: 3  Effective Date: 10th February 2022  Issued Date: 10th February 2022  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: River Coquet  <b>Status: Varied under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	437	2	425114 605549



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Beal Bank Sps Near Croft House, Beal Bank, Warkworth, Morpeth, Northumberland, Ne65 0ta  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 223/B/0222  Permit Version: 3  Effective Date: 10th February 2022  Issued Date: 10th February 2022  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: River Coquet  <b>Status: Varied under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	437	2	425114 605549
2	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Beal Bank Sps Near Croft House, Beal Bank, Warkworth, Morpeth, Northumberland, Ne65 0ta  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 223/B/0222  Permit Version: 2  Effective Date: 26th March 2010  Issued Date: 26th March 2010  Revocation Date: 9th February 2022  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Coquet  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	437	2	425109 605551
2	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Beal Bank Sps Near Croft House, Beal Bank, Warkworth, Morpeth, Northumberland, Ne65 0ta  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 223/B/0222  Permit Version: 2  Effective Date: 26th March 2010  Issued Date: 26th March 2010  Revocation Date: 9th February 2022  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Coquet  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	437	2	425109 605551
2	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Beal Bank Sps Near Croft House, Beal Bank, Warkworth, Morpeth, Northumberland, Ne65 0ta  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 223/B/0222  Permit Version: 1  Effective Date: 3rd February 1977  Issued Date: 3rd February 1977  Revocation Date: 25th March 2010  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Coquet  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	441	2	425120 605550





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Beal Bank Sps Near Croft House, Beal Bank, Warkworth, Morpeth, Northumberland, Ne65 0ta  Authority: Environment Agency, North East Region  Catchment Area: Coquet  Reference: 223/B/0222  Permit Version: 1  Effective Date: 3rd February 1977  Issued Date: 3rd February 1977  Revocation Date: 25th March 2010  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Coquet  <b>Status:</b> <b>Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	441	2	425120 605550
3	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Woodlands Sso, Warkworth, Northumberland  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 223/0863  Permit Version: 1  Effective Date: 2nd June 1993  Issued Date: 2nd June 1993  Revocation Date: 29th June 1994  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Coquet Estuary  <b>Status:</b> <b>Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	499	2	424910 605670
3	<p><b>Discharge Consents</b></p> <p>Operator: Redundant - Northumbrian Water Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Woodlands Sso, Warkworth, Northumberland  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 223/X/0408  Permit Version: 1  Effective Date: 12th October 1987  Issued Date: 12th October 1987  Revocation Date: 2nd June 1993  Discharge Type: Unspecified  Discharge: Saline Estuary  Environment:  Receiving Water: Coquet Estuary  <b>Status:</b> <b>Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	499	2	424910 605670
3	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Warkworth Pumping Station No3, Warkworth, Northumberland  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 223/B/0223  Permit Version: 1  Effective Date: 3rd February 1977  Issued Date: 3rd February 1977  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Coquet  <b>Status:</b> <b>Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18SE (N)	529	2	424900 605700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Warkworth Pumping Station No3, Warkworth, Northumberland  Authority: Environment Agency, North East Region  Catchment Area: Coquet  Reference: 223/B/0223  Permit Version: 1  Effective Date: 3rd February 1977  Issued Date: 3rd February 1977  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Coquet  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18SE (N)	529	2	424900 605700
4	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Helsay Farm, Residential Properties, Warkworth, Morpeth, Northumberland  Authority: Environment Agency, North East Region  Catchment Area: Coquet  Reference: 223/0852  Permit Version: 1  Effective Date: 3rd February 1992  Issued Date: 3rd February 1992  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Coquet Estuary  <b>Status: Consent without application (Water Resources Act 1991, Schedule 10)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	738	2	425000 605900
4	<p><b>Discharge Consents</b></p> <p>Operator: Unknown,  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Helsay Farm, Residential Properties, Warkworth, Morpeth, Northumberland  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 223/0635  Permit Version: 1  Effective Date: 9th February 1989  Issued Date: 9th February 1989  Revocation Date: 3rd February 1992  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Coquet  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	738	2	425000 605900
5	<p><b>Discharge Consents</b></p> <p>Operator: Redundant - Northumbrian Water Ltd  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Warkworth (The Butts) P.S., Warkworth  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 223/0829  Permit Version: 1  Effective Date: 21st September 1989  Issued Date: 21st September 1989  Revocation Date: 21st January 1991  Discharge Type: Unspecified  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Coquet  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	748	2	424850 605920



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p><b>Discharge Consents</b></p> <p>Operator: Unknown,  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Helsay Farm, Residential Properties, Warkworth, Morpeth, Northumberland  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 223/0635  Permit Version: 1  Effective Date: 9th February 1989  Issued Date: 9th February 1989  Revocation Date: 3rd February 1992  Discharge Type: Unspecified  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Coquet  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	758	2	425100 605900
7	<p><b>Discharge Consents</b></p> <p>Operator: Uk Coal Mining Limited  Property Type: MINING OF COAL + LIGNITE  Location: Chester House Occs Settlement Lagoo, Acklington, Morpeth, Northumberland  Authority: Environment Agency, North East Region  Catchment Area: Coquet  Reference: 223/0880  Permit Version: 1  Effective Date: 7th March 1994  Issued Date: 7th March 1994  Revocation Date: 25th October 1999  Discharge Type: Unspecified  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Guilders Burn  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A8SW (S)	837	2	424620 604350
7	<p><b>Discharge Consents</b></p> <p>Operator: Uk Coal Mining Limited  Property Type: MINING OF COAL + LIGNITE  Location: Chester House Occs Settlement Lagoo, Acklington, Morpeth, Northumberland  Authority: Environment Agency, North East Region  Catchment Area: Coquet  Reference: 223/0880  Permit Version: 1  Effective Date: 7th March 1994  Issued Date: 7th March 1994  Revocation Date: 25th October 1999  Discharge Type: Trade Discharges - Site Drainage  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Guilders Burn  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	837	2	424620 604350
8	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Warkworth Pumping Station, Warkworth  Authority: Environment Agency, North East Region  Catchment Area: Coquet  Reference: 223/B/0059  Permit Version: 1  Effective Date: 19th November 1965  Issued Date: 19th November 1965  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Coquet, Tidal Waters  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	845	2	424700 606000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Warkworth Sewerage System Sso Mh No, Warkworth, Northumberland  Authority: Environment Agency, North East Region  Catchment Area: Coquet  Reference: 223/B/0057  Permit Version: 1  Effective Date: 19th November 1965  Issued Date: 19th November 1965  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Coquet, Tidal Waters  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	868	2	424600 606000
10	<p><b>Discharge Consents</b></p> <p>Operator: T M Capron  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Gloster Hill Farm, Cottages, Amble, Morpeth, Northumberland  Authority: Environment Agency, North East Region  Catchment Area: Coquet  Reference: 223/F/0131  Permit Version: 1  Effective Date: 29th July 1963  Issued Date: 29th July 1963  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Guilders Burn  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	923	2	425590 604560
11	<p><b>Discharge Consents</b></p> <p>Operator: Capron T M Mr  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: 1 &amp; 2 Gloster Hill, Amble, Northumberland, Ne65 0hj  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 223/0963  Permit Version: 1  Effective Date: 7th May 2003  Issued Date: 7th May 2003  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Land/Soakaway  Environment:  Receiving Water: Groundwater  <b>Status: Consent without application (Water Resources Act 1991, Schedule 10)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	950	2	425570 604500
11	<p><b>Discharge Consents</b></p> <p>Operator: Mr Allan Hindmarsh  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: 1 &amp; 2 Gloster Hill, Amble, Northumberland, Ne65 0hj  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 223/0963  Permit Version: 1  Effective Date: 7th May 2003  Issued Date: 7th May 2003  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Land/Soakaway  Environment:  Receiving Water: Groundwater  <b>Status: Consent without application (Water Resources Act 1991, Schedule 10)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	950	2	425570 604500



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)  Location: Ejector Station No 1, Warkworth, Northumberland  Authority: Environment Agency, North East Region  Catchment Area: Coquet  Reference: 223/B/0060  Permit Version: 1  Effective Date: 19th November 1965  Issued Date: 19th November 1965  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Coquet, Tidal Waters  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	996	2	424590 606130
13	<p><b>Discharge Consents</b></p> <p>Operator: Easy Leisure Parks Limited  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Coquet View Caravan Site, Beech Road, Warkworth, Northumberland, Ne65 0sw  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 223/0834  Permit Version: 2  Effective Date: 21st April 2016  Issued Date: 21st April 2016  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Saline Estuary  Environment:  Receiving Water: Coquet Estuary  <b>Status: Varied under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	1000	2	425710 605750
	<p><b>Nearest Surface Water Feature</b></p>	A13SW (W)	150	-	424702 605107
14	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Farm  Location: WARKWORTH  Authority: Environment Agency, North East Region  Pollutant: Not Given  Note: Guilders Burn  Incident Date: 24th June 1992  Incident Reference: 223/001385  Catchment Area: Not Given  Receiving Water: Freshwater Stream/River  Cause of Incident: Farm Cattle Slurry - Inadequate Store  Incident Severity: Category 2 - Significant Incident  Positional Accuracy: Located by supplier to within 100m</p>	A8NE (S)	361	2	424900 604800
15	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Pumping Station  Location: WARKWORTH  Authority: Environment Agency, North East Region  Pollutant: Other Sewage  Note: No Fish Killed  Incident Date: 22nd August 1995  Incident Reference: NN950041  Catchment Area: Coquet  Receiving Water: Saline Estuary  Cause of Incident: Not Given  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	388	2	425100 605500
16	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Surface Water Sewers  Location: WARKWORTH  Authority: Environment Agency, North East Region  Pollutant: Not Given  Note: Coquet  Incident Date: 24th June 1992  Incident Reference: 223/001384  Catchment Area: Not Given  Receiving Water: Freshwater Stream/River  Cause of Incident: Sewerage - Storm Overflow  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	449	2	425200 605500



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Other General Premises            Location: WARKWORTH            Authority: Environment Agency, North East Region            Pollutant: Not Given            Note: Coquet River Estuary            Incident Date: 29th September 1991            Incident Reference: 223/000884            Catchment Area: Not Given            Receiving Water: Saline Estuary            Cause of Incident: Water Supply Distribution System            Incident Severity: Category 2 - Significant Incident            Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	731	2	424800 605900
18	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Farm            Location: Amble Harbour            Authority: Environment Agency, North East Region            Pollutant: Not Given            Note: Guilders Burn            Incident Date: 23rd October 1990            Incident Reference: 223/000344            Catchment Area: Not Given            Receiving Water: Freshwater Stream/River            Cause of Incident: Farm Cattle - Yard Washing            Incident Severity: Category 2 - Significant Incident            Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	852	2	424300 604500
19	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Sewage Treatment Works            Location: Coquet View Caravan Site            Authority: Environment Agency, North East Region            Pollutant: Not Given            Note: Coquet Tidal            Incident Date: 18th July 1990            Incident Reference: 223/000192            Catchment Area: Not Given            Receiving Water: Saline Estuary            Cause of Incident: Private Sewage Treatment Works            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	945	2	425600 605800
	<p><b>River Quality</b></p> <p>Name: Not Supplied            GQA Grade: Unclassified Tidal River            Reach: Not Supplied            Estimated Distance (km): Not Supplied            Flow Rate: Not Supplied            Flow Type: Not Supplied            Year: 1995</p>	A18SE (N)	417	2	425032 605565
20	<p><b>Water Abstractions</b></p> <p>Operator: Northumbrian Water            Licence Number: 1/22/03/130            Permit Version: 1            Location: River Coquet - Tidal - Warkworth            Authority: Environment Agency, North East Region            Abstraction: Water Supply Related: Transfer Between Sources            Abstraction Type: Water may be abstracted from a single point            Source: Tidal            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: River Coquet At Warkworth, South Fish Pass            Authorised Start: 01 April            Authorised End: 31 March            Permit Start Date: 5th February 2007            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	834	2	424210 605710



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<b>Water Abstractions</b> Operator: Northumbrian Water Licence Number: 1/22/03/009 Permit Version: 101 Location: River Coquet Authority: Environment Agency, North East Region Abstraction: Water Supply Related: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	834	2	424210 605710
20	<b>Water Abstractions</b> Operator: Northumbrian Water Licence Number: 1/22/03/009 Permit Version: 100 Location: River Coquet Authority: Environment Agency, North East Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 68190 Yearly Rate (m3): 24889350 Details: River Coquet Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 7th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	834	2	424210 605710
	<b>Water Abstractions</b> Operator: Northumbrian Water Ltd Licence Number: 1/22/03/008 Permit Version: 101 Location: River Coquet Authority: Environment Agency, North East Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Within The Authorised Area Of Supply Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 7th April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NW (NW)	1369	2	423860 606120
	<b>Water Abstractions</b> Operator: Northumbrian Water Licence Number: 1/22/03/008 Permit Version: 100 Location: River Coquet Authority: Environment Agency, North East Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 90920 Yearly Rate (m3): 16592900 Details: Within The Authorised Area Of Supply Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th October 1983 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NW (NW)	1369	2	423860 606120



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: High	A13NW (NE)	0	3	424868 605165
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13NW (NE)	0	3	424868 605165
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (NE)	0	3	424868 605165
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NE (E)	218	2	425108 605224
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NE (E)	223	2	425117 605196
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 111.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A13NE (NE)	273	4	425096 605357
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 146.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A14NW (E)	331	4	425227 605179
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 119.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A14NW (E)	337	4	425224 605245
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A14NW (NE)	366	4	425207 605363





## Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A14NW (NE)	369	4	425207 605369
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 46.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A13NE (NE)	371	4	425206 605372
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 378.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Guilders Burn Catchment Name: Coquet Primacy: 1	A8NE (S)	392	4	424995 604790
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A14NW (NE)	401	4	425212 605417
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 47.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A14NW (NE)	406	4	425214 605422
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: Underground Permanent: True Watercourse Name: Guilders Burn Catchment Name: Coquet Primacy: 1	A8NE (S)	410	4	424959 604763
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 615.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Guilders Burn Catchment Name: Coquet Primacy: 1	A8NE (S)	411	4	424952 604760
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 21.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A14NW (NE)	447	4	425230 605466
33	<b>OS Water Network Lines</b> Watercourse Form: Foreshore Watercourse Length: 6.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A14NW (NE)	467	4	425240 605485



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	<b>OS Water Network Lines</b> Watercourse Form: Tidal river Watercourse Length: 39.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A14NW (NE)	474	4	425245 605490
35	<b>OS Water Network Lines</b> Watercourse Form: Tidal river Watercourse Length: 1017.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Coquet Catchment Name: Coquet Primacy: 1	A18SE (NE)	478	4	425116 605594
36	<b>OS Water Network Lines</b> Watercourse Form: Tidal river Watercourse Length: 1363.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Coquet Catchment Name: Coquet Primacy: 1	A19SW (NE)	513	4	425272 605518
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 712.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Guilders Burn Catchment Name: Coquet Primacy: 1	A9NW (SE)	589	4	425310 604749
38	<b>OS Water Network Lines</b> Watercourse Form: Tidal river Watercourse Length: 1321.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Coquet Catchment Name: Coquet Primacy: 1	A18SW (NW)	592	4	424538 605675
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 107.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A14SE (E)	725	4	425589 604953
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A14SE (E)	826	4	425691 604946
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 367.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A14SE (E)	828	4	425694 604945
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 45.4 Watercourse Level: Underground Permanent: True Watercourse Name: Guilders Burn Catchment Name: Coquet Primacy: 1	A8SW (S)	845	4	424624 604340



## Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 45.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Guilders Burn Catchment Name: Coquet Primacy: 1	A8SW (S)	889	4	424625 604295
44	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 112.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Guilders Burn Catchment Name: Coquet Primacy: 1	A8SW (S)	924	4	424644 604254
45	<b>OS Water Network Lines</b> Watercourse Form: Tidal river Watercourse Length: 1712.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Castles Dike Catchment Name: Coquet Primacy: 1	A19SE (E)	948	4	425776 605522
46	<b>OS Water Network Lines</b> Watercourse Form: Tidal river Watercourse Length: 14.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A17NW (NW)	958	4	424173 605852
47	<b>OS Water Network Lines</b> Watercourse Form: Tidal river Watercourse Length: 143.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Coquet Catchment Name: Coquet Primacy: 1	A17NW (NW)	958	4	424173 605852
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 91.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A17NW (NW)	966	4	424159 605850
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 27.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A19SE (NE)	975	4	425678 605751
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 86.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Coquet Primacy: 1	A17SW (NW)	983	4	424053 605753



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: Northumberland County Council - Has supplied landfill data		0	6	424868 605165
	<b>Local Authority Landfill Coverage</b> Name: Alnwick District Council - Has no landfill data to supply		0	5	424868 605165



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Yoredale Group	A13NW (NE)	0	1	424868 605165
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NE)	0	1	424868 605165
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SE (SE)	389	1	425205 604932
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A14NE (E)	725	1	425585 605397
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NW (NE)	0	7	424868 605165
	<b>Mining Instability</b> Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NW (NE)	0	-	424868 605165
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	424868 605165
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	104	1	425000 605165
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	156	1	424868 605000
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	198	1	425000 605000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	424868 605165
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	104	1	425000 605165



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	156	1	424868 605000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	198	1	425000 605000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	424868 605165
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	104	1	425000 605165
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	156	1	424868 605000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	198	1	425000 605000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	424868 605165
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	104	1	425000 605165
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	156	1	424868 605000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	198	1	425000 605000
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	424868 605165
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	104	1	425000 605165
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	156	1	424868 605000
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	198	1	425000 605000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	424868 605165
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	104	1	425000 605165
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	156	1	424868 605000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	198	1	425000 605000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	224	1	425115 605217
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	424868 605165
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	104	1	425000 605165



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	156	1	424868 605000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	198	1	425000 605000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	224	1	425115 605217
	<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	A13NW (NE)	0	1	424868 605165
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	1	424868 605165



## Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	<b>Contemporary Trade Directory Entries</b> Name: Iona Art Glass Location: 2, Woodlands, Warkworth, Morpeth, Northumberland, NE65 0SY Classification: Stained Glass Designers & Producers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A18SW (N)	544	-	424820 605714
52	<b>Contemporary Trade Directory Entries</b> Name: Forsyths Of Wooler Location: 15, Morwick Road, Warkworth, Morpeth, Northumberland, NE65 0TG Classification: Agricultural Merchants Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A12NE (W)	602	-	424277 605374
53	<b>Contemporary Trade Directory Entries</b> Name: L Mitchell Location: 1, Albion Close, Warkworth, Morpeth, Northumberland, NE65 0UE Classification: Domestic Appliances - Servicing, Repairs & Parts Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A12NW (W)	703	-	424151 605302
54	<b>Contemporary Trade Directory Entries</b> Name: K Forster Location: 40, Castle Street, Warkworth, Morpeth, Northumberland, NE65 0UN Classification: Domestic Appliances - Servicing, Repairs & Parts Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	776	-	424767 605942
55	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE65 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	35	8	424889 605206
56	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE65 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	824	8	424279 604556
57	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: NE65 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	875	8	424313 604460
58	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: NE65 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	371	8	425161 605429
58	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: NE65 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	372	8	425161 605431
59	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: NE65 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	620	8	425459 605430
59	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: NE65 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	621	8	425459 605432
60	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: NE65 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	934	8	424574 606061





## Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: NE65 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	934	8	424580 606062
61	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: NE65 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	186	8	424662 605116



## Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	<b>Ancient Woodland</b> Name: Not Supplied Reference: 1412729 Area(m <sup>2</sup> ): 42794.69 Type: Ancient and Semi-Natural Woodland	A18SW (NW)	526	9	424575 605619
63	<b>Ancient Woodland</b> Name: Brotherwick Banks Reference: 1100217 Area(m <sup>2</sup> ): 250849.42 Type: Ancient and Semi-Natural Woodland	A17SE (NW)	767	9	424332 605740
64	<b>Ancient Woodland</b> Name: Morwick Gate Wood Reference: 1100218 Area(m <sup>2</sup> ): 42631.78 Type: Ancient and Semi-Natural Woodland	A12SW (W)	990	9	423890 604893
65	<b>Areas of Outstanding Natural Beauty</b> Name: Northumberland Coast Multiple Areas: Y Total Area (m2): 133352524.89558241 Designation Date: 30th March 1958 Source: Natural England	A13NW (N)	327	9	424790 605490
66	<b>Sites of Special Scientific Interest</b> Name: River Coquet And Coquet Valley Woodlands Multiple Areas: N Total Area (m2): 11848071.23 Source: Natural England Reference: 2000052 Designation Details: Site Of Special Scientific Interest Designation Date: 31st July 1996 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 31st July 1996 Date Type: Notified	A18SE (NE)	437	9	425095 605560
67	<b>Sites of Special Scientific Interest</b> Name: Warkworth Dunes And Saltmarsh Multiple Areas: N Total Area (m2): 1236248.98 Source: Natural England Reference: 1002846 Designation Details: Crown Estate Designation Date: 1st February 1988 Date Type: Notified Designation Details: Special Area Of Conservation Designation Date: 1st February 1988 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 1st February 1988 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 1st February 1988 Date Type: Notified	A19SE (E)	915	9	425743 605515
68	<b>Special Areas of Conservation</b> Name: North Northumberland Dunes Multiple Areas: Y Total Area (m2): 11342563.52 Source: Natural England Reference: UK0017097 <b>Status: Designated</b>	A19SE (E)	915	9	425743 605515
69	<b>Special Protection Areas</b> Name: Northumberland Marine Multiple Areas: N Total Area (m2): 884986606.57 Source: Natural England Reference: UK9020325 Designation Date: Not Supplied	A18SE (NE)	437	9	425094 605559



## Data Currency

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Alnwick District Council (now part of Northumberland Council) - Environmental Health Department Northumberland Council - Environmental Health Department Environment Agency - Head Office Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	December 2019  January 2020 June 2020 September 2017	Annually Annually
<b>Discharge Consents</b> Environment Agency - North East Region	April 2022	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - North East Region	March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - North East Region	January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - North East Region	April 2022	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Alnwick District Council (now part of Northumberland Council) - Environmental Health Department Northumberland Council - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	April 2009  May 2014 September 2008	Not Applicable  Variable Not Applicable
<b>Local Authority Pollution Prevention and Controls</b> Alnwick District Council (now part of Northumberland Council) - Environmental Health Department Northumberland Council - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	April 2009  May 2014 September 2008	Not Applicable  Annually Not Applicable
<b>Local Authority Pollution Prevention and Control Enforcements</b> Alnwick District Council (now part of Northumberland Council) - Environmental Health Department Northumberland Council - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	April 2009  May 2014 September 2008	Not Applicable  Variable Not Applicable
<b>Nearest Surface Water Feature</b> Ordnance Survey	May 2022	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - North East Region	December 1998	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - North East Region	July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - North East Region	March 2013	
<b>Registered Radioactive Substances</b> Environment Agency - North East Region	June 2016	As notified
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	April 2012	
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	April 2012	
<b>Substantiated Pollution Incident Register</b> Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	April 2022 April 2022	Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - North East Region	July 2022	Quarterly



## Data Currency

Agency & Hydrological	Version	Update Cycle
<b>Water Industry Act Referrals</b> Environment Agency - North East Region	October 2017	
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Source Protection Zones</b> Environment Agency - Head Office	May 2021	Bi-Annually
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	May 2022	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	May 2022	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	May 2022	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	May 2022	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	May 2022	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	April 2022	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	February 2016	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	As notified



Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	As notified
<b>Historical Landfill Sites</b> Environment Agency - Head Office	April 2022	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - North East Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	April 2022 April 2022	Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	April 2022 April 2022	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Alnwick District Council (now part of Northumberland Council) Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department Northumberland County Council (now part of Northumberland Council)	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Alnwick District Council (now part of Northumberland Council) Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department Northumberland County Council (now part of Northumberland Council)	October 2018 October 2018 October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	March 2006 March 2006	Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	April 2018 April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	June 2015 June 2015	



## Data Currency

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	January 2022	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	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Alnwick District Council (now part of Northumberland Council) Northumberland County Council (now part of Northumberland Council) - Minerals Waste and Development Control Northumberland Council - Planning Department	August 2009  February 2009 October 2008  October 2015	Not Applicable  Not Applicable Annual Rolling Update  Variable
<b>Planning Hazardous Substance Consents</b> Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Alnwick District Council (now part of Northumberland Council) Northumberland County Council (now part of Northumberland Council) - Minerals Waste and Development Control Northumberland Council - Planning Department	August 2009  February 2009 October 2008  October 2015	Not Applicable  Not Applicable Annual Rolling Update  Variable



Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	As notified
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	As notified
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	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	As notified
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<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



## Data Currency

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





Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	February 2021	Bi-Annually
<b>Areas of Adopted Green Belt</b> Alnwick District Council (now part of Northumberland Council) Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Northumberland Council - Planning Department	October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly
<b>Areas of Unadopted Green Belt</b> Alnwick District Council (now part of Northumberland Council) Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Northumberland Council - Planning Department	October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	January 2021	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	February 2021	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Nature Reserves</b> Natural England	January 2021	Bi-Annually
<b>National Parks</b> Natural England	February 2018	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2016	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
<b>Ramsar Sites</b> Natural England	August 2020	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	February 2021	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	July 2020	Bi-Annually
<b>Special Protection Areas</b> Natural England	February 2021	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	



## Useful Contacts

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: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>Alnwick District Council (now part of Northumberland Council)</b> County Hall, Morpeth, Northumberland, NE61 2EF	Telephone: 0845 600 6400 Website: www.northumberland.gov.uk
6	<b>Northumberland County Council (now part of Northumberland Council)</b> County Hall, Morpeth, Northumberland, NE61 2EF	Telephone: 01670 533000 Fax: 01670 534160 Website: www.northumberland.gov.uk
7	<b>The Coal Authority - Property Searches</b> 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
8	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	<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: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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