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## **PHASE 1: DESK TOP STUDY REPORT**

### **WILIAM GRAY ASSOCIATES**

### **PROPOSED RESIDENTIAL DEVELOPMENT**

### **27 MAIN ROAD, GAINFORD**

### **DARLINGTON**

### **DL2 3BE**

**Project No: 21-378**

Prepared By:

A handwritten signature in blue ink, appearing to read 'Phil Brown', is written over a light blue horizontal line.

Phil Brown

Date: 18/06/2021

Approved By:

A handwritten signature in black ink, appearing to read 'Darren McGrath', is written over a light blue horizontal line.

Darren McGrath

Date: 18/06/2021

The information and / or advice contained in this Phase 1: Desk Top Study Report is based solely on, and is limited to, the boundaries of the site, the immediate area around the site, and the historical use(s) unless otherwise stated. This 'Report' has been prepared to collate information relating to the physical, environmental and industrial setting of the site, and to highlight, where possible, the likely problems that might be encountered when considering the future development of this site for the proposed end use. All comments, opinions, diagrams, cross sections and / or sketches contained within the report, and / or any configuration of the findings is conjectural and given for guidance only, and confirmation of the anticipated ground conditions should be considered before development proceeds. Agreement for the use or copying of this report by any Third Party must be obtained in writing from Arc Environmental Limited (ARC). If a change in the proposed land use is envisaged, then a reassessment of the site should be carried out.

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## 1.0 Introduction

June 2021

Arc Environmental Limited (ARC) were instructed by William Gray Associates, on behalf of Mr David Hardy, to undertake a Phase 1: Desk Top Study for land at 27 Main Road, Gainford, Darlington, where it is proposed to developed 4 no. residential dwellings to the rear of the existing property.

The primary objectives of this report are to assess the geological and potential contaminated land conditions. This Phase 1: DTS Report has been carried out generally in accordance with the EA (Environment Agency) guidance for Land Contamination Risk Management (LCRM: October 2020) which has replaced CLR11: Model Procedures for the Management of Land Contamination.

Based on all of the data reviewed, a Conceptual Site Model (CSM) has been developed to help define the scope and extent of any further investigation works deemed necessary, prior to commencing with the proposed redevelopment works.

## 2.0 Physical Setting

### 2.1 Site Details: -

**Table 2.1**

<b>Site Name &amp; Address:</b>	27 Main Road, Gainford, Darlington, DL2 3BE.
<b>Grid Reference:</b>	417470, 516830 (representative of the centre of the site).
<b>Description of Location:</b>	The site is located to the north of Main Road, Gainford approximately 12km west of Darlington town centre.
<b>Site Shape &amp; Boundaries:</b>	The site is rectangular in shape (c.0.15Ha in size). N = Orchard House (residential property with large garden), E = Residential properties and gardens, W = Residential properties and gardens, S = Main Road leading to fields with garage to southwest.
<b>Development Details:</b>	Current proposals are for the development of 4 no. residential dwellings to the north of the existing buildings and a new access road off Main Road running south to north along the western boundary.
<b>Above Ground Structures:</b>	Existing 2 storey dwelling with associated detached garage and garden outbuildings.
<b>Below Ground/Sub-surface Structures and Services:</b>	Live services (i.e. drains, gas, etc.) are likely to be present below the existing building.
<b>General Topography:</b>	The site and surrounding topography appear to be relatively level. OS levels on historical plans record the immediate area to be c.73m AOD.
<b>Site Surfacing:</b>	The site surfacing comprises current building footprint with some hardstanding / parking to the south (off Main Road). The central and northern portions of the site comprise a large existing garden with some semi mature and mature vegetation around the boundaries.
<b>Summary of Historical Site Information</b>	The site was recorded as undeveloped land from c.1858 up until c.1951 at which time evidence of development is recorded (small building on southern area). By c.1975 the site is shown as a residential dwelling with outbuilding(s) to the north and the layout appears to be fairly similar to that of present day.

### **3.0 Environmental Setting**

The geological assessment for this site is based on geological maps and data published by the British Geological Survey (BGS), Coal Authority (CA) and data sources included in the Landmark Information Group Envirocheck Report (Ref. 278665226\_1\_1). The following documents have been reviewed as part of this study:

- Online BGS Geology of Britain Viewer
- BGS Geological Sheet 32, Barnard Castle, England and Wales, Solid & Drift, 1:50,000, 1969.
- Online CA Interactive Map Viewer

#### **3.1 Site Geology: -**

##### **3.1.1 Made Ground: -**

According to published BGS data, the site is not recorded to be underlain by significant thicknesses of made ground deposits. However, based on the historical site use, some limited thickness of made ground is likely to be present beneath the site associated with the historical and current development. Any made ground is likely to comprise disturbed natural strata with anthropogenic debris (i.e. brick, etc.).

##### **3.1.2 Superficial Deposits: -**

From the published BGS maps and online data, superficial deposits are recorded as Alluvial soils (3<sup>rd</sup> River Terrace), generally comprising sand and gravel, locally with lenses of silt, clay or peat.

##### **3.1.3 Solid Geology: -**

Based on published BGS maps, the site is underlain by the Stainmore Formation (mudstone, siltstones and sandstones) part of the Millstone Grit Series put down during the Carboniferous period.

Published geological information indicates that there is no evidence of any significant faulting or other lines of weakness intersecting the development area or its immediate surroundings.

#### **3.2 Potential Geological Hazards: -**

**Table 3.1**

<b>Land Slip:</b>	Ground Instability in association with landslide events is indicated to be generally very low.
<b>Shrinkable Soils:</b>	The information provided in the Envirocheck Report indicates that shrinkable soils do not represent a hazard.
<b>Collapsible Soils:</b>	A classification of very low has been attributed to collapsible ground stability hazards.
<b>Compressible Soils:</b>	The stability of the superficial deposits in relation to a potential compressible hazard, normally associated with poorly consolidated, is suggested not to represent a hazard.
<b>Running Sand:</b>	The hazard rating in connection with running sand conditions in open excavations is suggested to be generally very low.
<b>Dissolution</b>	The Envirocheck Report indicates that ground dissolution stability does not represent a hazard.

### 3.0 Environmental Setting (Cont'd)

#### 3.3 Coal Mining Risk Assessment & Mineral Extraction: -

The site is underlain by the Millstone Grit Series which is absent of productive / workable coal seams. In accordance with the Coal Authority (CA) Interactive Map Viewer the site does not lie within a 'Development High Risk Area' or within an Area of Probable Shallow Coal Mine Workings' and is not considered to be at risk from shallow coal workings with no further assessment required.

In addition to the above, the Millstone Grit Series can be subject to mineral extraction and / or quarrying (i.e. sandstones); however, there is no evidence of any such activities within influencing distance of the site.

#### 3.4 Site Hydrogeology: -

**Table 3.2**

<b>STRATA</b>	<b>EA Aquifer Classification</b>	<b>Comments</b>
<b>Groundwater Vulnerability:</b>	Combined: High.	Combined Aquifer: productive bedrock aquifer, productive superficial aquifer.
<b>Superficial Geology: (River Terrace Deposits)</b>	Secondary A Aquifer.	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.
<b>Solid Geology: (Mill Stone Grit Series)</b>	Secondary A Aquifer.	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.

- There are no Source Protection Zones (SPZ) recorded within 1km from the boundaries of the site.
- There are no Groundwater Abstractions recorded within 1km from the boundaries of the site.

#### 3.5 Site Hydrology: -

**Table 3.3**

<b>SURFACE WATER FEATURE</b>	<b>Location</b>	<b>Comments</b>
<b>OS Water Network</b>	One recorded within c.250m.	Referenced as the River Tees c.140m to the south of the site (the referenced data point is given as c.171m south of the site)
<b>GQA Classified River</b>	One recorded within c.250m	The River Tees is located c.140m to the south of the site. GQA Grade B recorded 269m southwest of the site.
<b>Unclassified Watercourse(s), Canals, Ponds &amp; Lakes</b>	None recorded within c.250m	~
<b>FLOODING</b>	<b>Location</b>	<b>Comments</b>
<b>Flooding from Rivers (fluvial) and the Sea (tidal)</b>	The whole of the site lies in a Zone 1 Flood Risk area.	The whole of the site lies within a Zone 1 Flood Risk area and is considered a very low risk. Further consultation should be made to the EA and Local Planning Authority for further advice or the requirements for a site-specific flood risk assessment for the proposed development.

### 3.0 Environmental Setting (Cont'd)

#### 3.5 Site Hydrology (Cont'd): -

**Table 3.3 (Cont'd)**

<b>FLOODING</b>	<b>Location</b>	<b>Comments</b>
<b>Surface Water Flooding (Environment Agency)</b>	The EA data indicates that the site is within an area considered to be at a low risk of flooding from surface water.	Surface water flooding occurs when rainwater does not drain away through the standard drainage systems or soak into the ground but lies on or flows over the ground instead. However, flooding events, although considered a low risk may still occur.
<b>Groundwater Flooding at Surface (BGS)</b>	The BGS record the site to be at potential risk from groundwater flooding to occur at surface.	Information obtained from Landmark which publish maps indicating the potential for groundwater flooding at surface, proposed by the British Geological Survey (BGS). This information is based on areas which may be potentially influenced by geological factors.
<b>RAINFALL</b>	<b>Measurements (mm)</b>	<b>Comments</b>
<b>Annual</b>	651.1	Based on 'station average' records from Durham dated 1981-2010
<b>Rainfall: Max (Nov)</b>	72.0	
<b>Rainfall: Min (Feb)</b>	41.8	

#### 3.6 Radon Assessment: -

The site lies in an area where 1% to 3% of homes are estimated to be at or above the Action Level. In accordance with the BGS, National Geoscience Information Service, their assessment suggests that no radon protection measures for new dwellings. This corresponds with the BRE Digest, BR211 (2015) Radon: Guidance on Protective Measures for New Buildings, where the site is situated within a clear grid square (1km), and therefore no radon protective measures are required for the site.

#### 3.7 Site Ecology: -

From observations made using google street view imagery, there is no visual evidence to suggest the site is affected by the presence of invasive weed species (i.e. Japanese Knotweed, Giant Hogweed or Himalayan Balsam). However, a detailed invasive plant survey has not been carried out.

**Table 3.4**

<b>FEATURES</b>	<b>Location</b>	<b>Comments</b>
<b>Local Nature Reserves</b>	None recorded within c.250m.	~
<b>Areas of Adopted/Unadopted Green Belt</b>	None recorded within c.250m.	~
<b>Special Protection Areas</b>	None recorded within c.250m.	~
<b>Nitrate Vulnerable Zone</b>	None recorded within c.250m.	~

#### 3.8 Estimated Soil Chemistry: -

Data provided by the BGS in relation to estimated soil chemistry for a number of key metals and metalloid elements are summarised in Table 3.5 on the following page. Note: the references to the anticipated background concentrations of contaminants, sourced from the BGS, should not be relied upon. They are not site-specific and do not represent the condition of the ground at the proposed development site.

### 3.0 Environmental Setting (Cont'd)

#### 3.8 Estimated Soil Chemistry (Cont'd): -

Table 3.5

Element	Soil Type	Average Soil Concentrations (mg/kg)
Arsenic	Rural Soil & Sediment	<15
Cadmium	Rural Soil & Sediment	<1.8
Chromium (total)	Rural Soil & Sediment	60 – 90
Lead	Rural Soil & Sediment	100 – 200
Nickel	Rural Soil & Sediment	15 – 30

### 4.0 Industrial Setting

#### 4.1 Site History: -

Copies of old survey plans covering the site area & adjacent land are included in Appendix II and a summary of the site history based on these plans is provided in Table 4.1 below.

Table 4.1

Date	Site	Adjacent Areas
c.1858 – c.1859	The site is recorded as undeveloped land / pastoral fields.	Road to the southern boundary (running east / west) and a road 20m to the west (running north / south). The village of Gainford is shown c.100m to the west with a public house closest to the subject site. The River Tees is c.130m / c.140m to the south (flowing west / east).
c.1895 – c.1899	As c.1858 – c.1859.	' <b>Smithy</b> ' (blacksmith) shown c.100m to west and numerous 'pump' references recorded within 250m from the site.
c.1914	As c.1895 – c.1899.	Possible ' <b>drainage / ditch</b> ' feature running parallel with road to the west possibly associated with small ' <b>pond</b> ' features c.90m and c.150m north of the site.
c.1920	As c.1914.	Gainford Village has expanded to the west.
c.1923 – c.1924	As c.1920.	As c.1920.
c.1951 – c.1954	Small rectangular structure shown on southern portion of the site and boundary fence present on central area (running east / west).	Buildings shown on land to the east and west of the site. Continued expansion to Gainford village.
c.1975	Site now has defined boundaries with a residential property present on the southern portion and a smaller outbuilding present on the central western boundary. Area to north appears to be gardens.	Immediate surrounding area has been developed primarily as residential end use. A police office is adjacent to the north-western boundary and a <b>garage</b> is now shown c.40m to the southeast. <b>Pond</b> features to north are no longer evident.
c.1982	As c.1975.	As c.1975.
c.1994 – c.1999	As c.1982.	As c.1982.
c.2006	As c.1994 - 1999.	As c.1994 - 1999.
c.2021	Additional small outbuildings are shown to the north of the main building.	As c.2006.

Significant features / potential contamination sources highlighted in **bold**

## 4.0 Industrial Setting (Cont'd)

### 4.2 Landfill & Waste: -

The following information relating to Landfill and Waste has been obtained from the Envirocheck Report (attached in Appendix II).

- There are no BGS or Historical Recorded Landfill Sites within c.250m of the site.
- There are no Local Authority Recorded Landfill Sites recorded within c.250m of the site.
- There are no Registered Waste Transfer Sites recorded within c.250m of the site.
- There are two areas of infilled land (water) recorded c.99m and c.144m to the north of the site with the date of mapping recorded as c.1954. Historical plans from that date show small 'pond' and 'drainage / ditch' features around the referenced coordinates.

### 4.3 Statutory Requirements / Authorisations: -

Table 4.2

<u>TYPE</u>	<u>Location</u>	<u>Comments</u>
Enforcement and Prohibition Notices	None recorded within c.250m	~
Integrated Pollution Prevention & Control	None recorded within c.250m	~
Local Authority Pollution Prevention & Controls	None recorded within c.250m	~
Prosecutions Relating to Authorised Processes	None recorded within c.250m	~
Registered Radioactive Substances	None recorded within c.250m	~
COMAH/NIHHS Sites	None recorded within c.250m	~
Explosive Sites	None recorded within c.250m	~
Planning Hazardous Substances Consents / Enforcements	None recorded within c.250m	~
Fuel Station Entries	One recorded within c.250m	Recorded 47m south of the site (Gainford Garage). Status recorded as 'obsolete' and not considered to represent a risk to the site.
Contemporary Trade Entries and Points of Interest (POI)	Two recorded within c.250m.	The closest 'active' status is recorded 149m northwest of the site. Classification noted as Cleaning Services – Domestic and not considered to represent a risk to the site.

### 4.4 Pollution Incidents and Discharge Consents: -

Table 4.3

<u>TYPE</u>	<u>Location</u>	<u>Comments</u>
Discharge Consents	None recorded within c.250m	~
Pollution Incidents to Controlled Waters	None recorded within c.250m	~
Substantiated Pollution Incident Register	None recorded within c.250m	~
Water Industry Act Referrals	None recorded within c.250m	~



## 5.0 Conceptual Site Model (CSM)

The Conceptual Site Model (CSM) is one of the primary planning tools that can be used to support the decision-making process of managing contaminated land and groundwater on any given site. The CSM allows for a better understanding of what needs to be done to achieve risk management, and design appropriate remediation techniques if required for the risk management goals chosen. This can be done by undertaking a *source-pathway-receptor* analysis of the site. The likely *sources*, *pathways* and *receptors* for this site are summarised in Table 5.1 below.

**Table 5.1**

	<i>Sources (S)</i>		<i>Pathways (P)</i>		<i>Receptors (R)</i>
<b>S1</b>	Possible made ground associated with current & historical development on site and adjacent.	<b>P1</b>	Ingestion & Dermal Contact	<b>R1</b>	Human Health - End user to be taken as Residential with Home Grown Produce (and construction workforce)
		<b>P2</b>	Air – Inhalation of vapours (indoor & outdoors) and contact with dust generated through the construction works		
		<b>P3</b>	Plant Uptake and attached soil	<b>R2</b>	Controlled Waters - Secondary ‘A’ Aquifers (superficial and solid geology) - Permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers. River Tees located c.140m south of the site.
<b>S2</b>	Hazardous ground gases associated with off-site sources (infilled pond / ditch features to north) and potential of organic rich soils i.e. peat (marsh gas) within superficial deposits – considered low risk.	<b>P4</b>	Migration through existing service corridors	<b>R3</b>	Adjacent sites
		<b>P5</b>	Direct contact with building materials	<b>R4*</b>	Building materials & protection of water supply pipes
		<b>P6</b>	Surface runoff & Infiltration	<b>R5*</b>	Flora and fauna

\* = Not included in the Human Health & Controlled Waters Risk Assessment.

A graphical representation of the CSM has been produced for this site and can be seen attached in Appendix III, which also sets out the critical pollutant linkages of concern for this particular site, with regard to contamination as discussed on the following page.

### 5.1 Geotechnical Considerations: -

The following potential geotechnical issues and hazards have been identified for this site. These issues should be considered before any redevelopment of the site is to take place;

- Thickness, type, variability of any made ground deposits below the site (likely to be localised).
- Geotechnical parameters of the natural superficial deposits and depth to suitable load bearing founding strata across the site, particularly with respect to the design of foundations.
- Volume change potential of natural drift deposits / founding strata will need to be considered due to proximity of trees / mature vegetation.
- Possibility of peat / organic soils within superficial deposits.
- Stability of excavations if significant thickness of geotechnically “poor” drift deposits exist below the site.
- Control of surface water drainage.
- The presence of services beneath the site and associated with adjacent developments.
- Chemical attack on buried concrete.

## **5.0 Conceptual Site Model (CSM) (Cont'd)**

### **5.1 Geotechnical Considerations (Cont'd): -**

To determine the geotechnical considerations above with more certainty, it is recommended that a programme of intrusive geotechnical investigation works is undertaken on this site with associated geotechnical testing, to aid in assessing the extent of any potential issues prior to commencing with any development in the future. Following this work detailed foundation proposals for the proposed development can then be prepared.

The information reviewed indicates that the site can be considered as being located within a **LOW to MODERATE** geotechnical risk setting.

### **5.2 Sources of Contamination and Probable Contaminants: -**

The OS maps, the Landmark Information Group Envirocheck Report and other environmental information reviewed, record the site as undeveloped land from c.1858 up until c.1951, at which time evidence of development is recorded (building on southern area). By c.1975 the site is shown as a residential dwelling with outbuilding(s) to the north and the layout appears to be fairly similar to that of present day.

The surrounding areas have been mainly developed as residential end use with some limited commercial properties recorded (garage c.40m to the south).

Ground contamination testing will need to be incorporated into the design of any intrusive investigation works.

#### **Soils – Human Health**

Given the above, it would be prudent to test selected samples of soil from this site for a range of contaminants, typically as listed below:

- Heavy Metals, typically comprising; Arsenic, Cadmium, Chromium (III & VI), Copper, Lead, Mercury, Nickel, Selenium, Zinc and Total Organic Carbon (TOC).
- Asbestos screening (and quantification if encountered).
- Polycyclic Aromatic Hydrocarbons (PAHs) and Total Petroleum Hydrocarbons (TPHs) testing if 'ashy' material is encountered in the made ground and/or if there is any visual or olfactory evidence of fuels / oils or other wastes present in the ground.

Consideration may need to be given to the protection of service pipes for the proposed development from the potential made ground materials present, and therefore a supplementary suite of contamination testing may be required in order to meet the requirements of the local utilities service provider for their 'pipe selection risk assessment' (PSRA), once the location and depth of future services have been determined.

The information reviewed indicates that the site can be considered as being located within a **LOW** ground contamination risk setting for Human Health.

## **5.0 Conceptual Site Model (CSM) (Cont'd)**

### **5.2 Sources of Contamination and Probable Contaminants (Cont'd): -**

#### **Groundwater/Leachate – Controlled Waters: -**

The following factors have been taken into consideration when assessing the risks posed towards Controlled Waters;

- Potential for limited / localised made ground soils on site.
- The River Tees is located c.140m to the south of the site.
- Alluvial superficial deposits are recorded below the site.
- There are no Source Protection Zones (SPZ) recorded on or within 1km from the boundaries of the site.
- There are no Groundwater Abstractions recorded on or within 1km from the boundaries of the site.

The information reviewed indicates that the site can be considered to have a **LOW** ground contamination risk setting for Controlled Waters.

## **6.0 Conclusions and Recommendations**

The conclusions contained within this report have been based on a review of geological plans, historical plans and available environmental data relating to the site and nearby adjacent land and forms the basis of a preliminary risk assessment. The primary benefits of undertaking this report are as follows;

- (i) Identify the geotechnical and / or geo-environmental characteristics of the ground in sufficient detail to enable economic design of the proposed development, construction or remedial works.
- (ii) Minimise the risk of unforeseen ground conditions which might cause increased costs and / or programme (construction) delays later.

Therefore, it is recommended that a programme of Ground Investigation (intrusive investigation) works are completed for this site to provide an assessment of its geoenvironmental characteristics.

These intrusive investigation works should be completed prior to commencing with any future development works and should include for the following or a similar scope of investigation works;

- A series of boreholes including in-situ geotechnical testing and sampling to aid with future foundation design and to collect samples for subsequent laboratory testing.
- Provision and installation of combined groundwater and ground gas monitoring standpipes followed by a program of monitoring visits.
- Laboratory geotechnical testing (i.e. liquid and plastic limit testing, pH & soluble sulphate testing, etc.).
- Laboratory contamination screening on selected samples recovered from the investigation positions for typical contaminants as detailed in Section 5.2 to assess the risks to Human Health and Controlled Waters. Samples of soil collected will be forwarded to UKAS and MCERTS accredited laboratory to undertake the recommended testing.
- Site supervision and production of RAMS and an interpretive Phase 2: Ground Investigation Report, including a Ground Contamination Risk Assessment and Waste Classification of soils.

**END OF REPORT**

# **APPENDIX I**

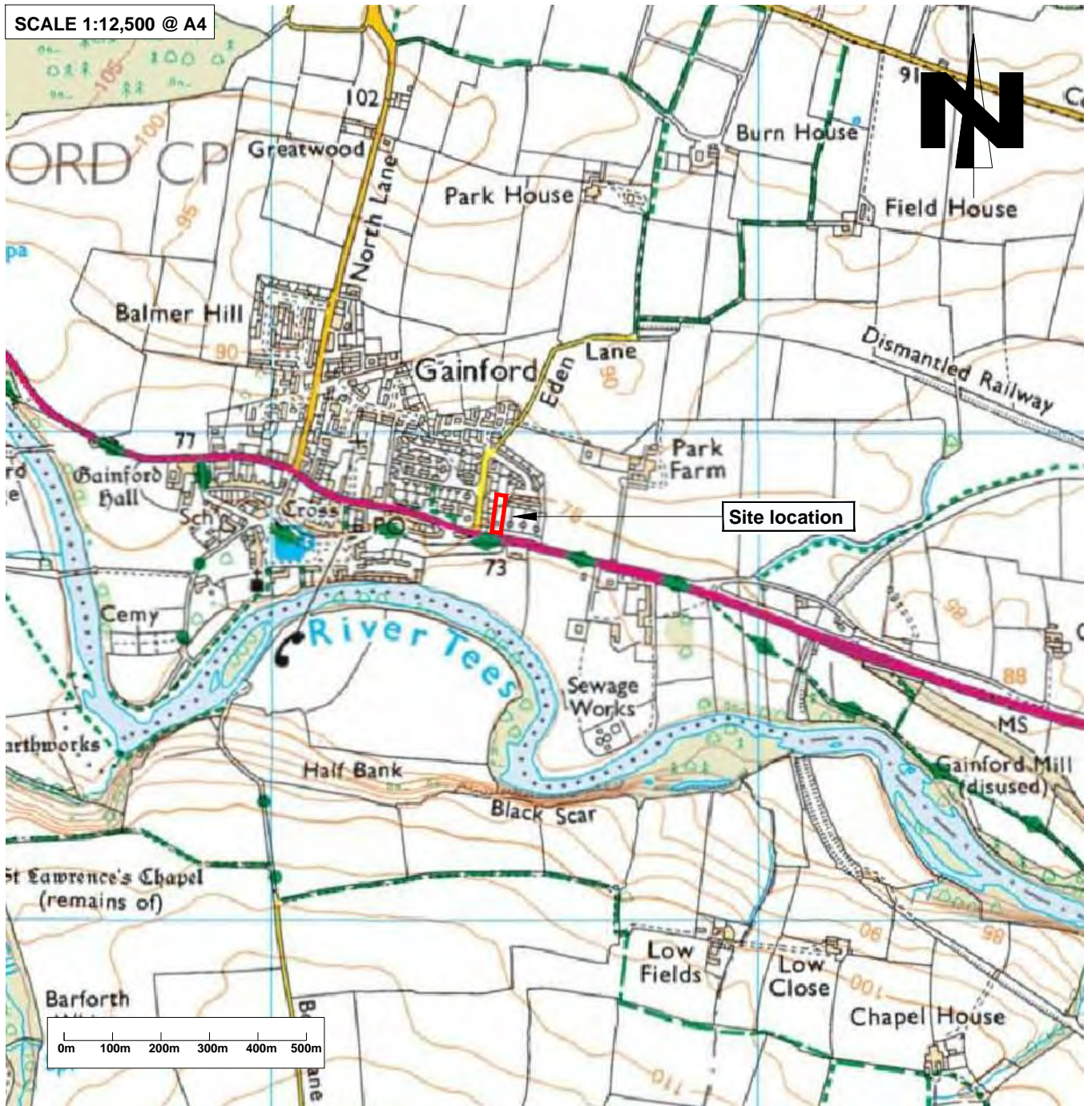
**Location Plan**

**Aerial Photograph**

**Existing Site Layout / Proposed**

**Development Layout Plan**

SCALE 1:12,500 @ A4



Client:

**WILLIAM GRAY ASSOCIATES**

Project Title:  
Proposed Residential Development  
27 Main Road, Gainford  
Darlington, DL2 3BE

Drawing Title:  
Location Plan

Job Reference:  
21-378

Drawing Number:  
-

Revision:  
-

Drawn by:  
P.D

Date:  
18.06.21

Scale at A4:  
As Shown

Checked by:  
P.B

Approved by:  
P.B

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rev.	date	amendments	drawn	chkd

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LEGEND	
	APPROXIMATE SITE BOUNDARY

rev.	date	amendments	drawn	chckd

Client:  
**WILLIAM GRAY ASSOCIATES**

Project Title:  
 Proposed Residential Development  
 27 Main Road, Gainford  
 Darlington, DL2 3BE

Drawing Title:  
 Aerial Photograph

Scale at A3: NTS @ A3	Date: 18.06.21	Drawn by: P.D	Approved by: P.B
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Job Ref: 21-378	Drg no: -	Rev: -
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LEGEND	
	APPROXIMATE SITE BOUNDARY

rev.	date	amendments	drawn	chckd

Client:  
**WILLIAM GRAY ASSOCIATES**

Project Title:  
 Proposed Residential Development  
 27 Main Road, Gainford  
 Darlington, DL2 3BE

Drawing Title:  
 Existing and Proposed Site Layout Plan

Scale at A3: NTS @ A3	Date: 18.06.21	Drawn by: P.D	Approved by: P.B
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Job Ref: 21-378	Drg no: -	Rev: -
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# **APPENDIX II**

## **Landmark Information Group Envirocheck Report**





# Envirocheck<sup>®</sup> Report:

## Datasheet

### Order Details:

**Order Number:**

278665226\_1\_1

**Customer Reference:**

21-378 PB

**National Grid Reference:**

417470, 516830

**Slice:**

A

**Site Area (Ha):**

0.15

**Search Buffer (m):**

1000

### Site Details:

27, Main Road

Gainford

DARLINGTON

DL2 3BE

### Client Details:

Mr D McGrath

Arc Environmental Ltd

Unit 1

Elliot Court

St John's Road

Meadowfield

Durham

DH7 8PN

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	13
Hazardous Substances	-
Geological	14
Industrial Land Use	16
Sensitive Land Use	18
Data Currency	19
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## Introduction

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

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## Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			8	10
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 6			1	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6		Yes		
Pollution Incidents to Controlled Waters	pg 6			1	1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 7			1	
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 7				3 (*2)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 8	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 8	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 8		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 8		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 8		1	2	29

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		2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 13			1	2
Potentially Infilled Land (Water)	pg 13		2	1	5
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					

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 14	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 14	Yes			Yes
BGS Recorded Mineral Sites	pg 14				2
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 14	Yes	n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 14	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 14	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 15		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 15	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 15		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 15	Yes	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 16		2	4	2
Fuel Station Entries	pg 16		1		
Points of Interest - Commercial Services	pg 16			1	
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 16		2	2	
Points of Interest - Public Infrastructure	pg 17			1	2
Points of Interest - Recreational and Environmental	pg 17		2		
Gas Pipelines					
Underground Electrical Cables					

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 18				1
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (N)	0	1	417468 516826
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	3	1	417450 516800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	87	1	417468 516700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	140	1	417500 516650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	147	1	417600 516950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	172	1	417650 516900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	188	1	417450 516600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	235	1	417468 517100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	261	1	417350 517100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	268	1	417750 516850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	270	1	417600 516550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (N)	335	1	417468 517200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	345	1	417550 517200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	382	1	417650 516450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (SW)	427	1	417050 516650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	435	1	417468 517300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	438	1	417900 516700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	458	1	417900 517050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	465	1	417200 516400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	471	1	417800 516450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	487	1	417468 516300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	488	1	417950 517000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	488	1	417450 516300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SW)	491	1	417100 516450
1	<b>Discharge Consents</b> Operator: Northumbrian Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Gainford Stw Ps, Gainford Authority: Environment Agency, North East Region Catchment Area: Tees (Middle) Reference: 252/1003 Permit Version: 1 Effective Date: 14th August 1992 Issued Date: 14th August 1992 Revocation Date: 14th August 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tees <b>Status: Application refused - 1961 Rivers (Prevention of Pollution) Act</b> Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	427	2	417650 516400
1	<b>Discharge Consents</b> Operator: Northumbrian Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Gainford Stw Ps, Gainford Authority: Environment Agency, North East Region Catchment Area: Tees (Middle) Reference: 252/1003 Permit Version: 1 Effective Date: 14th August 1992 Issued Date: 14th August 1992 Revocation Date: 14th August 1992 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tees <b>Status: Application refused - 1961 Rivers (Prevention of Pollution) Act</b> Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	427	2	417650 516400
1	<b>Discharge Consents</b> Operator: Northumbrian Water Limited Property Type: Sewage Disposal Works - Water Company Location: Gainford Stw Ps, Gainford Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 252/1003 Permit Version: 2 Effective Date: 14th August 1992 Issued Date: 14th August 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tees <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	427	2	417650 516400
1	<b>Discharge Consents</b> Operator: Northumbrian Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Gainford Stw Ps, Gainford Authority: Environment Agency, North East Region Catchment Area: Tees (Middle) Reference: 252/1000 Permit Version: 1 Effective Date: 31st July 1992 Issued Date: 31st July 1992 Revocation Date: 26th February 2001 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Tees <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	427	2	417650 516400



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Gainford Stw Ps, Gainford  Authority: Environment Agency, North East Region  Catchment Area: Tees (Middle)  Reference: 252/1000  Permit Version: 1  Effective Date: 31st July 1992  Issued Date: 31st July 1992  Revocation Date: 26th February 2001  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tees  <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A8NE (SE)	427	2	417650 516400
1	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Sewage Disposal Works - Water Company  Location: Gainford Stw Ps, Gainford  Authority: Environment Agency, North East Region  Catchment Area: Not Given  Reference: 252/1000  Permit Version: 2  Effective Date: 31st July 1992  Issued Date: 31st July 1992  Revocation Date: Not Supplied  Discharge Type: Unspecified  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tees  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	427	2	417650 516400
1	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: Sewage Disposal Works - Water Company  Location: Gainford Sewage Treatment Works, Near Barnard Castle, County Durham, DL11 7un  Authority: Environment Agency, North East Region  Catchment Area: Tees (Upper); Lune; Balder  Reference: 25/02/1078  Permit Version: 1  Effective Date: 1st April 2001  Issued Date: 26th February 2001  Revocation Date: 31st March 2009  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Tees  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	450	2	417640 516370
2	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Gainford Stw Sso, Gainford  Authority: Environment Agency, North East Region  Catchment Area: Tees (Middle)  Reference: 252/E/0671  Permit Version: 1  Effective Date: 26th March 1965  Issued Date: 26th March 1965  Revocation Date: 2nd January 1996  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tees  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A8NE (SE)	467	2	417700 516380

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: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Gainford Sewage Treatment Works, Gainford  Authority: Environment Agency, North East Region  Catchment Area: Tees (Middle)  Reference: 252/A/0796  Permit Version: 1  Effective Date: 24th September 1982  Issued Date: 24th September 1982  Revocation Date: 6th January 1993  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tees  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	508	2	417800 516400
3	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Gainford Sewage Treatment Works, Gainford  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 252/E/0366  Permit Version: 1  Effective Date: 22nd June 1962  Issued Date: 22nd June 1962  Revocation Date: 24th September 1982  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tees  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	508	2	417800 516400
3	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Gainford Sewage Treatment Works, Gainford  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 252/E/0367  Permit Version: 1  Effective Date: 22nd June 1962  Issued Date: 22nd June 1962  Revocation Date: 29th March 1993  Discharge Type: Unspecified  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tees  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	508	2	417800 516400
4	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Gainford Sewage Treatment Works, Near Barnard Castle, County Durham, DL11 7un  Authority: Environment Agency, North East Region  Catchment Area: Tees (Upper); Lune; Balder  Reference: 25/02/1078  Permit Version: 2  Effective Date: 1st April 2009  Issued Date: 14th October 2008  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Tees  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	525	2	417710 516320

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Gainford Sewage Treatment Works, Near Barnard Castle, County Durham, DI11 7un  Authority: Environment Agency, North East Region  Catchment Area: Tees (Upper); Lune; Balder  Reference: 25/02/1078  Permit Version: 2  Effective Date: 1st April 2009  Issued Date: 14th October 2008  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Tees  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	525	2	417710 516320
4	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Gainford Sewage Treatment Works, Near Barnard Castle, County Durham, DI11 7un  Authority: Environment Agency, North East Region  Catchment Area: Tees (Upper); Lune; Balder  Reference: 25/02/1078  Permit Version: 2  Effective Date: 1st April 2009  Issued Date: 14th October 2008  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Tees  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	525	2	417710 516320
4	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Gainford Sewage Treatment Works, Near Barnard Castle, County Durham, DI11 7un  Authority: Environment Agency, North East Region  Catchment Area: Tees (Upper); Lune; Balder  Reference: 25/02/1078  Permit Version: 2  Effective Date: 1st April 2009  Issued Date: 14th October 2008  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Tees  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	525	2	417710 516320
4	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Gainford Sewage Treatment Works, Near Barnard Castle, County Durham, DI11 7un  Authority: Environment Agency, North East Region  Catchment Area: Tees (Upper); Lune; Balder  Reference: 25/02/1078  Permit Version: 1  Effective Date: 1st April 2001  Issued Date: 26th February 2001  Revocation Date: 31st March 2009  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Tees  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	525	2	417710 516320

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Gainford Sewage Treatment Works, Near Barnard Castle, County Durham, DL11 7un  Authority: Environment Agency, North East Region  Catchment Area: Tees (Upper); Lune; Balder  Reference: 25/02/1078  Permit Version: 1  Effective Date: 1st April 2001  Issued Date: 26th February 2001  Revocation Date: 31st March 2009  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Tees  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	525	2	417710 516320
4	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Gainford Sewage Treatment Works, Near Barnard Castle, County Durham, DL11 7un  Authority: Environment Agency, North East Region  Catchment Area: Tees (Upper); Lune; Balder  Reference: 25/02/1078  Permit Version: 1  Effective Date: 1st April 2001  Issued Date: 26th February 2001  Revocation Date: 31st March 2009  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Tees  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	525	2	417710 516320
5	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Mr &amp; Mrs D F Nesbitt  Location: Teesdale Service Station, Gainford Garage, 13 South View, Gainford, DARLINGTON, County Durham, DL2 3EG  Authority: Durham County Council (Unitary), Environmental Health Department  Permit Reference: Not Given  Dated: Not Supplied  Process Type: Local Authority Air Pollution Control  Description: PG1/14 Petrol filling station  <b>Status: Application Not Yet Authorised</b>  Positional Accuracy: Manually positioned to the address or location</p>	A13NW (NW)	367	3	417229 517147
	<p><b>Nearest Surface Water Feature</b></p>	A13SW (S)	145	-	417411 516652
6	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Sewage Treatment Works  Location: Gainford Stw  Authority: Environment Agency, North East Region  Pollutant: Sewage - Storm Overflow  Note: No Fish Killed; Tees  Incident Date: 5th January 1995  Incident Reference: DD950002  Catchment Area: Tees Downstream Skerne To North Sea  Receiving Water: Freshwater Stream/River  Cause of Incident: Not Given  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A8NE (SE)	450	2	417700 516400
7	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Other General Premises  Location: Tess, GAINFORD  Authority: Environment Agency, North East Region  Pollutant: Unknown  Note: Fish Killed: No Information; Tees  Incident Date: 20th September 1995  Incident Reference: DD950337  Catchment Area: Tees From Coverstone To Skerne  Receiving Water: Saline Estuary  Cause of Incident: Not Given  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A12SE (W)	561	2	416900 516700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>River Quality</b> Name: Tees GQA Grade: River Quality B Reach: Langley_Beck_Killerby_Bec Estimated Distance (km): 6.4 Flow Rate: Flow less than 20 cumecs Flow Type: River Year: 2000	A13SW (SW)	269	2	417333 516550
8	<b>Water Abstractions</b> Operator: Holmedale Valley Ltd Licence Number: Ne/025/0002/005 Permit Version: 2 Location: River Tees At Cliffe Farms, Cliffe Hall, Piercebridge Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 7th April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	888	2	418237 516338
8	<b>Water Abstractions</b> Operator: Holmedale Valley Ltd Licence Number: Ne/025/0002/005 Permit Version: 1 Location: River Tees At Cliffe Farms, Cliffe Hall, Piercebridge Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	888	2	418237 516338
9	<b>Water Abstractions</b> Operator: P L Westgarth Licence Number: 01/25/2/135 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 605 Yearly Rate (m3): 12000 Details: River Tees; Licence Status:Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	899	2	416700 516300
	<b>Water Abstractions</b> Operator: Manners Farms Ltd Licence Number: 1/25/02/143 Permit Version: 3 Location: River Tees - Piercebridge Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At High Coniscliffe, & Piercebridge Darlington Authorised Start: 01 June Authorised End: 30 September Permit Start Date: 17th May 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5NE (SE)	1905	2	419100 515800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Manners Farms Ltd Licence Number: 1/25/02/143 Permit Version: 2 Location: River Tees - Piercebridge Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At High Coniscliffe, & Piercebridge Darlington Authorised Start: 01 June Authorised End: 30 September Permit Start Date: 18th March 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5NE (SE)	1905	2	419100 515800
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: Superficial Superficial Thickness: 3-10m Superficial Recharge: High	A13NE (N)	0	4	417468 516826
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13NE (N)	0	4	417468 516826
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13NE (N)	0	4	417468 516826
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (S)	126	2	417415 516670
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (S)	134	2	417425 516660
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
10	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1051.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A13SW (S)	171	5	417401 516628
11	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 200.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 2	A12SE (SW)	476	5	417006 516630

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 105.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A12SE (SW)	476	5	417006 516630
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 167.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A8NE (SE)	524	5	417795 516375
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 172.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A14SW (E)	524	5	417989 516705
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 519.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A14SW (E)	524	5	417989 516705
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 170.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 2	A8NE (SE)	536	5	417728 516317
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 198.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A9NW (SE)	558	5	417868 516395
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 139.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A12SE (SW)	574	5	416922 516573
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 101.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 2	A12SE (SW)	574	5	416922 516573
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 74.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 2	A7NE (SW)	637	5	416901 516474

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 203.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A14SW (SE)	666	5	418097 516561
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 143.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A7NE (SW)	694	5	416843 516460
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 193.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A9NW (SE)	712	5	418040 516358
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 36.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A9NW (SE)	712	5	418040 516358
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A9NW (SE)	714	5	418059 516382
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 63.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A9NW (SE)	725	5	418068 516376
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 81.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 2	A9NW (SE)	778	5	418130 516373
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 55.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A9NW (SE)	778	5	418130 516373
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 159.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A9NE (SE)	823	5	418185 516378



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 40.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A7NW (SW)	832	5	416727 516384
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 48.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A7NW (SW)	832	5	416727 516384
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 184.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A9NW (SE)	838	5	418033 516165
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 372.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A12SW (W)	850	5	416608 516694
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 55.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 2	A7NW (SW)	855	5	416691 516402
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 374.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A12SW (W)	862	5	416592 516753
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 185.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A12SW (W)	862	5	416592 516753
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Tees Primacy: 1	A7NW (SW)	873	5	416700 516350
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 49.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Tees Primacy: 1	A7NW (SW)	887	5	416693 516334

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 383.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Tees Primacy: 1	A7NW (SW)	925	5	416673 516293
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 227.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 2	A9NE (SE)	951	5	418272 516275
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 121.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Tees Catchment Name: Tees Primacy: 1	A9NE (SE)	953	5	418283 516288

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: Teesdale District Council - Has no landfill data to supply		0	6	417468 516826
	<b>Local Authority Landfill Coverage</b> Name: Durham County Council - Has supplied landfill data		0	7	417468 516826
	<b>Local Authority Landfill Coverage</b> Name: Richmondshire District Council - Has supplied landfill data		697	9	417957 516288
	<b>Local Authority Landfill Coverage</b> Name: North Yorkshire County Council - Has no landfill data to supply		697	8	417957 516288
42	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A8NE (SE)	441	-	417660 516388
43	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A7NW (SW)	859	-	416745 516305
44	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A7NW (SW)	936	-	416594 516419
45	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13NW (N)	99	-	417461 516964
46	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13NW (N)	144	-	417450 517009
47	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A14NW (E)	454	-	417935 516847
48	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A8NE (SE)	556	-	417763 516313
49	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A17SE (NW)	558	-	417119 517304
50	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A8NE (SE)	581	-	417760 516284
51	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A17SE (NW)	739	-	416953 517399
52	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A8SE (S)	870	-	417700 515948

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Yoredale Group	A13NE (N)	0	1	417468 516826
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (N)	0	1	417468 516826
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SW (NE)	822	1	418000 517500
53	<b>BGS Recorded Mineral Sites</b> Site Name: Malt Bank Location: Barforth, Darlington, Co. Durham Source: British Geological Survey, National Geoscience Information Service Reference: 110021 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Stainmore Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	856	1	416741 516316
54	<b>BGS Recorded Mineral Sites</b> Site Name: Malt Bank Sand Pit Location: Barforth, Darlington, Co. Durham Source: British Geological Survey, National Geoscience Information Service Reference: 110020 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Alluvium Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	933	1	416607 516398
	<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.	A13NE (N)	0	10	417468 516826
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	417468 516826
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	417468 516826
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	195	1	417370 516614

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	417468 516826
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	195	1	417370 516614
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	417468 516826
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	417468 516826
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	417468 516826
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	195	1	417370 516614
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	417468 516826
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	59	1	417521 516907
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	417468 516826
	<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	A13NE (N)	0	1	417468 516826

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	<b>Contemporary Trade Directory Entries</b> Name: Gainford Garage Location: Main Road, Gainford, Darlington, County Durham, DL2 3BE Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (S)	47	-	417496 516747
56	<b>Contemporary Trade Directory Entries</b> Name: Wizz Clean Location: 63, Eden Crest, Gainford, Darlington, DL2 3DE Classification: Cleaning Services - Domestic <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13NW (NW)	149	-	417362 516974
57	<b>Contemporary Trade Directory Entries</b> Name: Gainford Dairy Location: 2, High Green, Gainford, Darlington, County Durham, DL2 3DL Classification: Dairies <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12NE (W)	424	-	417037 516869
58	<b>Contemporary Trade Directory Entries</b> Name: K W Cleaning Services Location: 7, North Terrace, Gainford, Darlington, County Durham, DL2 3EE Classification: Cleaning Services - Domestic <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12NE (W)	425	-	417050 516964
59	<b>Contemporary Trade Directory Entries</b> Name: Rutter Bros Location: 5, Low Road, Gainford, Darlington, DL2 3DW Classification: Agricultural Merchants <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12NE (W)	475	-	416980 516827
60	<b>Contemporary Trade Directory Entries</b> Name: Peter Dransfield Location: 36, Balmer Hill, Gainford, Darlington, County Durham, DL2 3EJ Classification: Footwear Manufacturers & Wholesale <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SE (NW)	491	-	417090 517183
61	<b>Contemporary Trade Directory Entries</b> Name: Spotless Cleaning Services Location: 9, Spa Road, Gainford, Darlington, County Durham, DL2 3EB Classification: Carpet, Curtain & Upholstery Cleaners <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12NE (W)	570	-	416899 516938
62	<b>Contemporary Trade Directory Entries</b> Name: Feather Dusters Location: North Rise, Gainford, Darlington, County Durham, DL2 3EU Classification: Cleaning Services - Domestic <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	765	-	417235 517595
63	<b>Fuel Station Entries</b> Name: Gainford Garage Location: Main Road, Gainford, Darlington, County Durham, DL2 3BE Brand: Obsolete Premises Type: Not Applicable <b>Status: Obsolete</b> Positional Accuracy: Automatically positioned to the address	A13SE (S)	47	-	417495 516747
64	<b>Points of Interest - Commercial Services</b> Name: C Davison Ltd Location: 5a Main Road, Gainford, Darlington, DL2 3DZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NE (W)	342	11	417122 516886
65	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	149	11	417382 516989
65	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	179	11	417386 517026

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	487	11	417745 516384
66	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: DL2 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	487	11	417745 516385
67	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Works Location: DL2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	476	11	417734 516390
68	<b>Points of Interest - Public Infrastructure</b> Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	710	11	416780 516564
68	<b>Points of Interest - Public Infrastructure</b> Name: Cemetery Location: DL2 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	726	11	416765 516561
69	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	246	11	417230 516939
69	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Queens Court, DL2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13NW (NW)	246	11	417232 516946

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	<b>Ancient Woodland</b> Name: Winston Bridge Wood Reference: 1101351 Area(m <sup>2</sup> ): 268157.82 Type: Ancient and Semi-Natural Woodland	A12NW (W)	997	12	416487 517061



Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Richmondshire District Council - Environment Department Teesdale District Council (now part of Durham County Council) - Environmental Health Department Durham County Council (Unitary) - Environmental Health Department Environment Agency - Head Office Darlington Unitary Council - Development And Environment Department	April 2014 January 2009 January 2015 June 2020 October 2014	Annual Rolling Update Not Applicable Annually Annually Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - North East Region	January 2021	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - North East Region	March 2013	Annual Rolling Update
<b>Integrated Pollution Controls</b> Environment Agency - North East Region	October 2008	Variable
<b>Integrated Pollution Prevention And Control</b> Environment Agency - North East Region	January 2021	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Durham County Council (Unitary) - Environmental Health Department Darlington Unitary Council - Development And Environment Department Richmondshire District Council - Environment Department Teesdale District Council (now part of Durham County Council) - Environmental Health Department	April 2015 August 2014 January 2014 October 2008	Variable Variable Variable Not Applicable
<b>Local Authority Pollution Prevention and Controls</b> Durham County Council (Unitary) - Environmental Health Department Darlington Unitary Council - Development And Environment Department Richmondshire District Council - Environment Department Teesdale District Council (now part of Durham County Council) - Environmental Health Department	April 2015 August 2014 January 2014 October 2008	Annually Not Applicable Annual Rolling Update Not Applicable
<b>Local Authority Pollution Prevention and Control Enforcements</b> Durham County Council (Unitary) - Environmental Health Department Darlington Unitary Council - Development And Environment Department Richmondshire District Council - Environment Department Teesdale District Council (now part of Durham County Council) - Environmental Health Department	April 2015 August 2014 January 2014 October 2008	Variable Variable Variable Not Applicable
<b>Nearest Surface Water Feature</b> Ordnance Survey	January 2021	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - North East Region	December 1998	Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - North East Region	March 2013	Annual Rolling Update
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - North East Region	March 2013	Annual Rolling Update
<b>Registered Radioactive Substances</b> Environment Agency - North East Region	June 2016	
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area Environment Agency - North East Region - Yorkshire Area	January 2021 January 2021 January 2021	Quarterly Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
<b>Water Abstractions</b> Environment Agency - North East Region	January 2021	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - North East Region	October 2017	Quarterly
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Groundwater Vulnerability - Soluble Rock Risk</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	October 2019	Quarterly
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	March 2021	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	March 2021	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	March 2021	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	March 2021	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	March 2021	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	September 2020	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	October 2013	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually



Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	May 2021	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - North East Region	October 2008	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area Environment Agency - North East Region - Yorkshire Area	January 2021 January 2021 January 2021	Quarterly Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area Environment Agency - North East Region - Yorkshire Area	January 2021 January 2021 January 2021	Quarterly Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Darlington Borough Council Durham County Council - Economic Development and Planning Department North Yorkshire County Council Richmondshire District Council - Environment Department Teesdale District Council (now part of Durham County Council) - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Darlington Borough Council Durham County Council - Economic Development and Planning Department North Yorkshire County Council Richmondshire District Council - Environment Department Teesdale District Council (now part of Durham County Council) - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
<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	Not Applicable
<b>Registered Landfill Sites</b> Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area Environment Agency - North East Region - Yorkshire Area	March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area Environment Agency - North East Region - Yorkshire Area	March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area Environment Agency - North East Region - Yorkshire Area	March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> Darlington Unitary Council Durham County Council (Unitary) - Planning Department Richmondshire District Council - The Planning and Development Unit Durham County Council - Economic Development and Planning Department Teesdale District Council (now part of Durham County Council) - Planning Department North Yorkshire County Council	February 2016 February 2016 February 2016 July 2007 July 2008 October 2007	Variable Variable Variable Annual Rolling Update Not Applicable Annual Rolling Update
<b>Planning Hazardous Substance Consents</b> Darlington Unitary Council Durham County Council (Unitary) - Planning Department Richmondshire District Council - The Planning and Development Unit Durham County Council - Economic Development and Planning Department Teesdale District Council (now part of Durham County Council) - Planning Department North Yorkshire County Council	February 2016 February 2016 February 2016 July 2007 July 2008 October 2007	Variable Variable Variable Annual Rolling Update Not Applicable Annual Rolling Update
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	October 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	November 2020	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

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

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	February 2021	Bi-Annually
<b>Areas of Adopted Green Belt</b> Darlington Unitary Council Durham County Council (Unitary) - Planning Department Richmondshire District Council Teesdale District Council (now part of Durham County Council)	June 2020 June 2020 June 2020 June 2020	As notified As notified As notified As notified
<b>Areas of Unadopted Green Belt</b> Darlington Unitary Council Durham County Council (Unitary) - Planning Department Richmondshire District Council Teesdale District Council (now part of Durham County Council)	June 2020 June 2020 June 2020 June 2020	As notified As notified As notified As notified
<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	April 2017	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2016	Not Applicable
<b>Nitrate Vulnerable Zones</b> Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	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	 <b>British Geological Survey</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 <b>Centre for Ecology &amp; Hydrology</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	<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>Durham County Council (Unitary) - Environmental Health Department</b> Civic Centre, Medomsley Road, Consett, Durham, DH8 5JA	Telephone: 0300 123 7070 Website: www.durham.gov.uk
4	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	<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
6	<b>Teesdale District Council (now part of Durham County Council) - Environmental Health Department</b> County Hall, Durham, County Durham, DH1 5UL	Telephone: 03000 26 0000 Website: www.durham.gov.uk
7	<b>Durham County Council - Economic Development and Planning Department</b> County Hall, Durham, County Durham, DH1 5UL	Telephone: 0191 383 4751 Fax: 0191 383 3657 Website: www.durham.gov.uk
8	<b>North Yorkshire County Council</b> County Hall, Northallerton, North Yorkshire, DL7 8AD	Telephone: 01609 780780 Fax: 01609 778199 Website: www.northyorks.gov.uk
9	<b>Richmondshire District Council - Environment Department</b> Swale House, Frenchgate, Richmond, North Yorkshire, DL10 4JE	Website: www.richmondshire.gov.uk
10	<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
11	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
12	<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.



# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

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

## Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- 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
- Civil Parish
- BP, BS** Boundary Post or Stone
- Ch** Church
- CH** Club House
- F E Sta** Fire Engine Station
- FB** Foot Bridge
- Fn** Fountain
- GP** Guide Post
- MP** Mile Post
- MS** Mile Stone
- Pol Sta** Police Station
- PO** Post Office
- PC** Public Convenience
- PH** Public House
- SB** Signal Box
- Spr** Spring
- TCB** Telephone Call Box
- TCP** Telephone Call Post
- W** Well

## 1:10,000 Raster Mapping

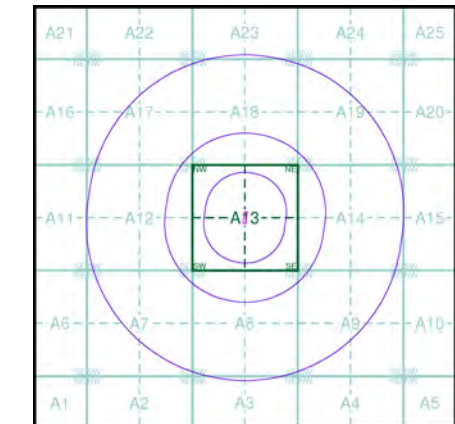
- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- General detail
- Overhead detail
- Multi-track railway
- County boundary (England only)
- District, Unitary, Metropolitan, London Borough boundary
- Area of wooded vegetation
- Non-coniferous trees (scattered)
- Coniferous trees (scattered)
-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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1857	2
Durham	1:10,560	1859 - 1860	3
Yorkshire	1:10,560	1895	4
Durham	1:10,560	1898 - 1899	5
Yorkshire	1:10,560	1920	6
Durham	1:10,560	1923 - 1924	7
Durham	1:10,560	1951	8
Ordnance Survey Plan	1:10,000	1954	9
Ordnance Survey Plan	1:10,000	1982	10
10K Raster Mapping	1:10,000	1999	11
10K Raster Mapping	1:10,000	2006	12
VectorMap Local	1:10,000	2021	13

## Historical Map - Slice A



## Order Details

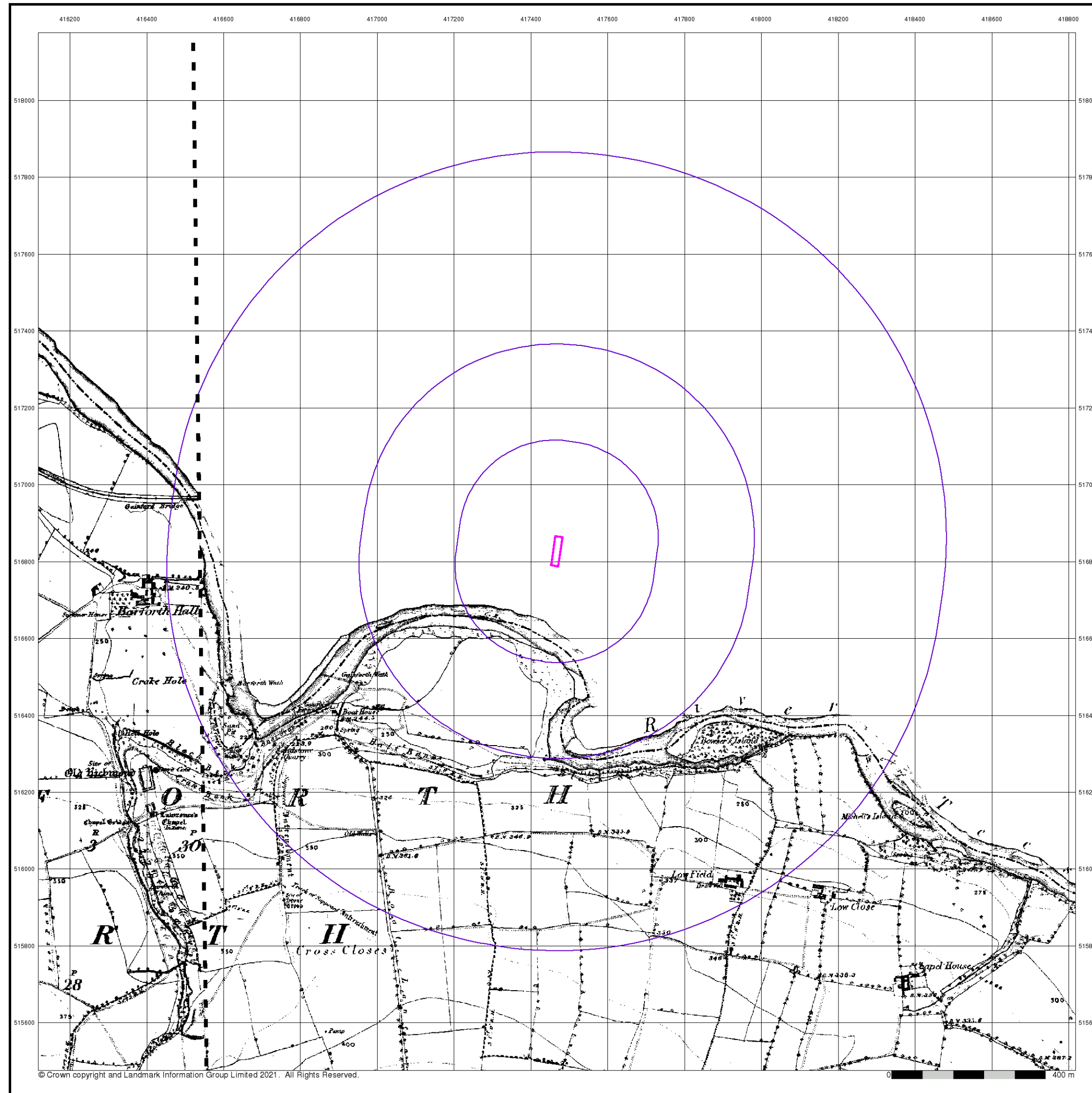
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

## Site Details

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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



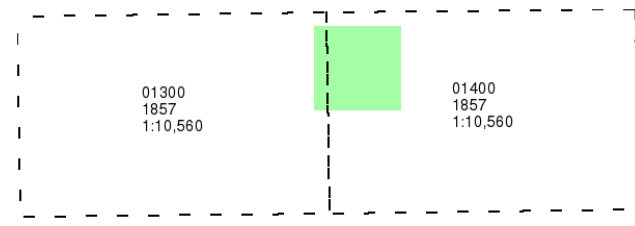
**Yorkshire**

**Published 1857**

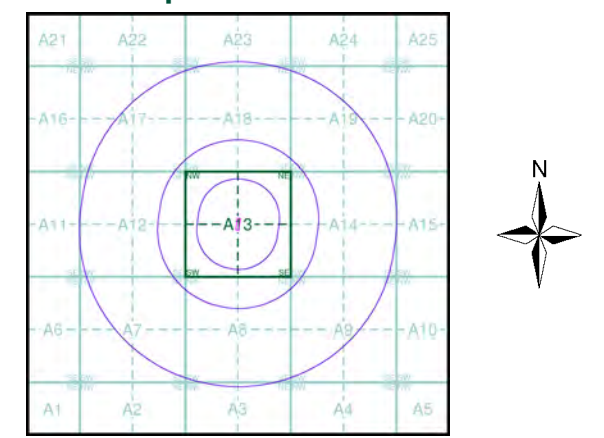
**Source map scale - 1:10,560**

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

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



**Historical Map - Slice A**



**Order Details**

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

**Site Details**

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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



## Durham

Published 1859 - 1860

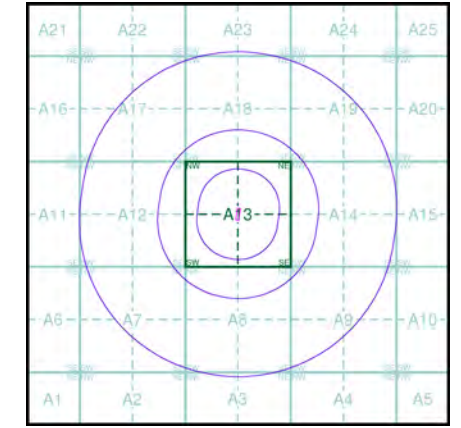
Source map scale - 1:10,560

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)

04700 1860 1:10,560	04800 1859 1:10,560
05300 1859 1:10,560	05400 1859 1:10,560

### Historical Map - Slice A



### Order Details

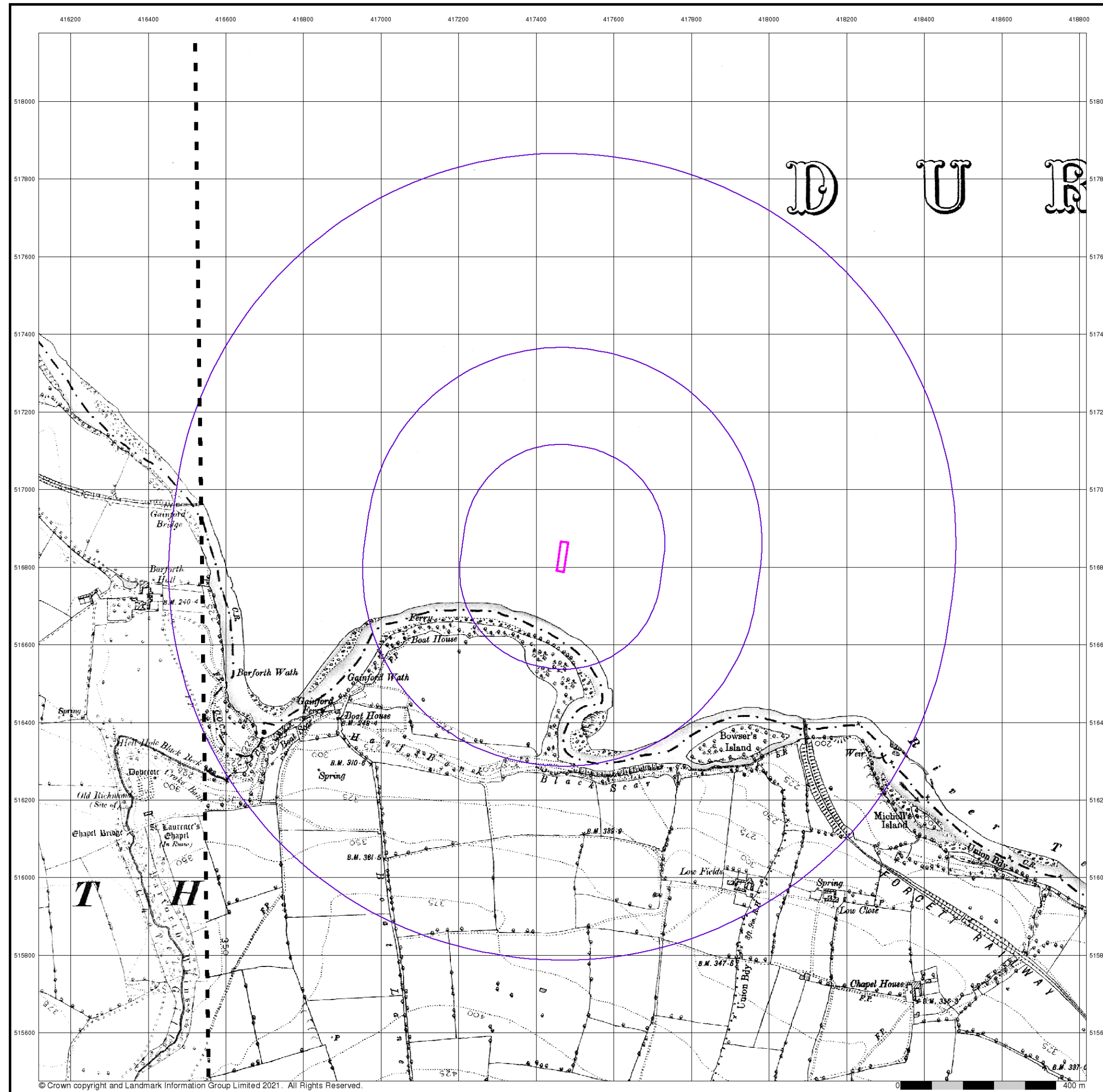
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Tel: 0844 844 9952  
 Fax: 0844 844 9951  
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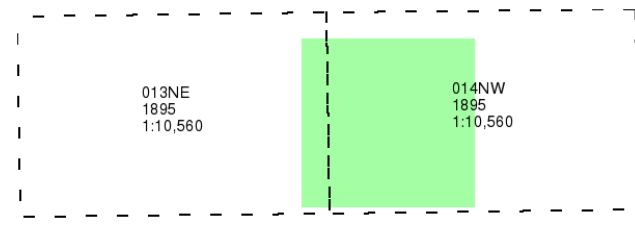
**Yorkshire**

**Published 1895**

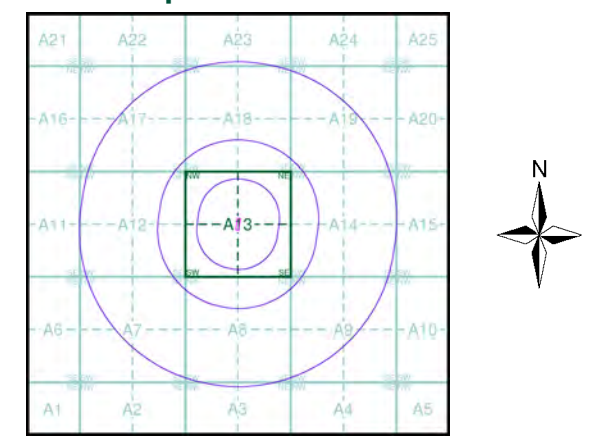
**Source map scale - 1:10,560**

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

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



**Historical Map - Slice A**



**Order Details**

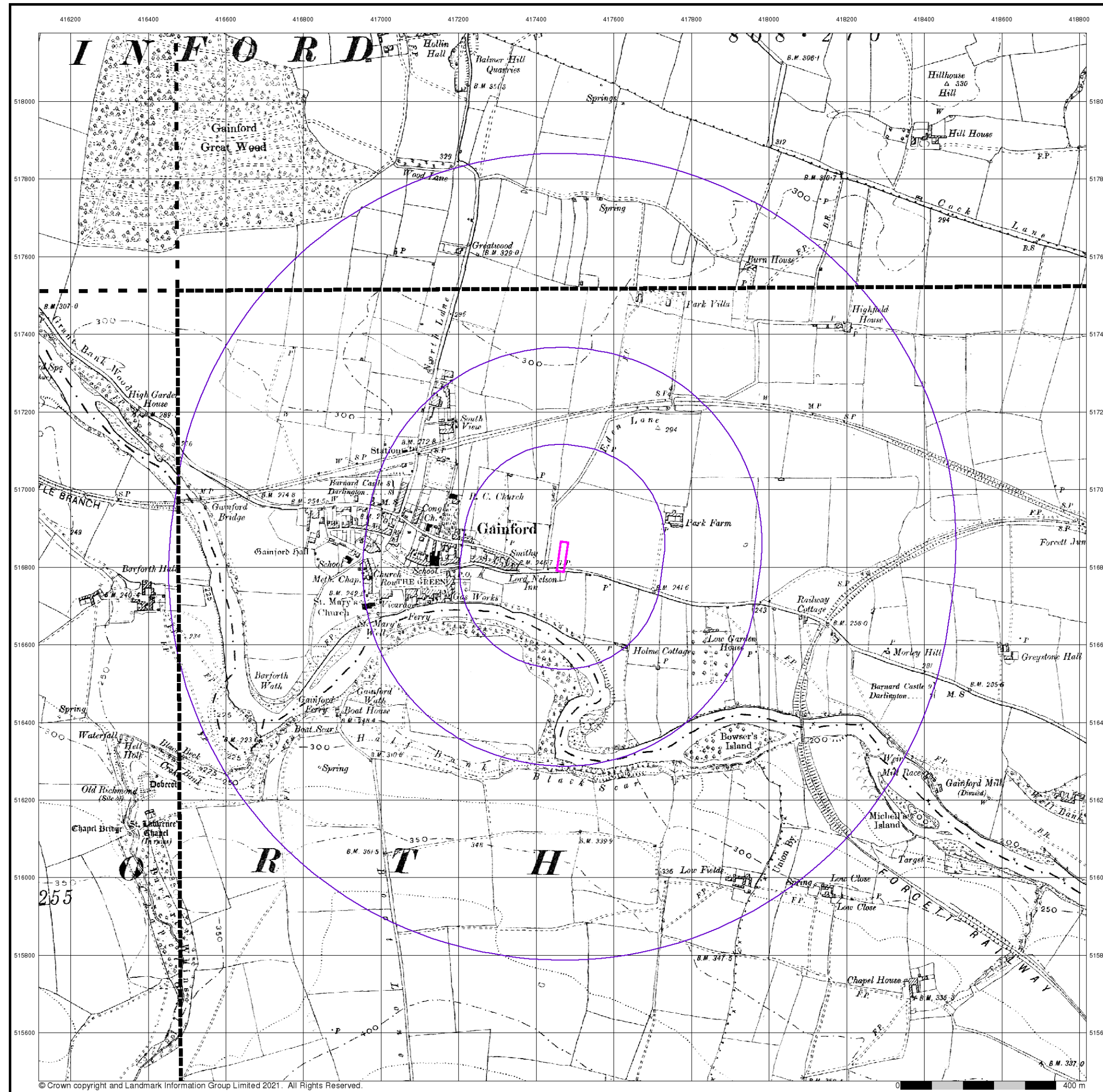
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

**Site Details**

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## Durham

Published 1898 - 1899

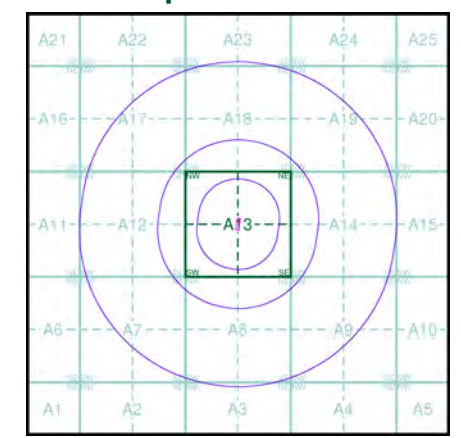
Source map scale - 1:10,560

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)

047SE 1899 1:10,560	048SW 1898 1:10,560
053NE 1899 1:10,560	054NW 1899 1:10,560

### Historical Map - Slice A



### Order Details

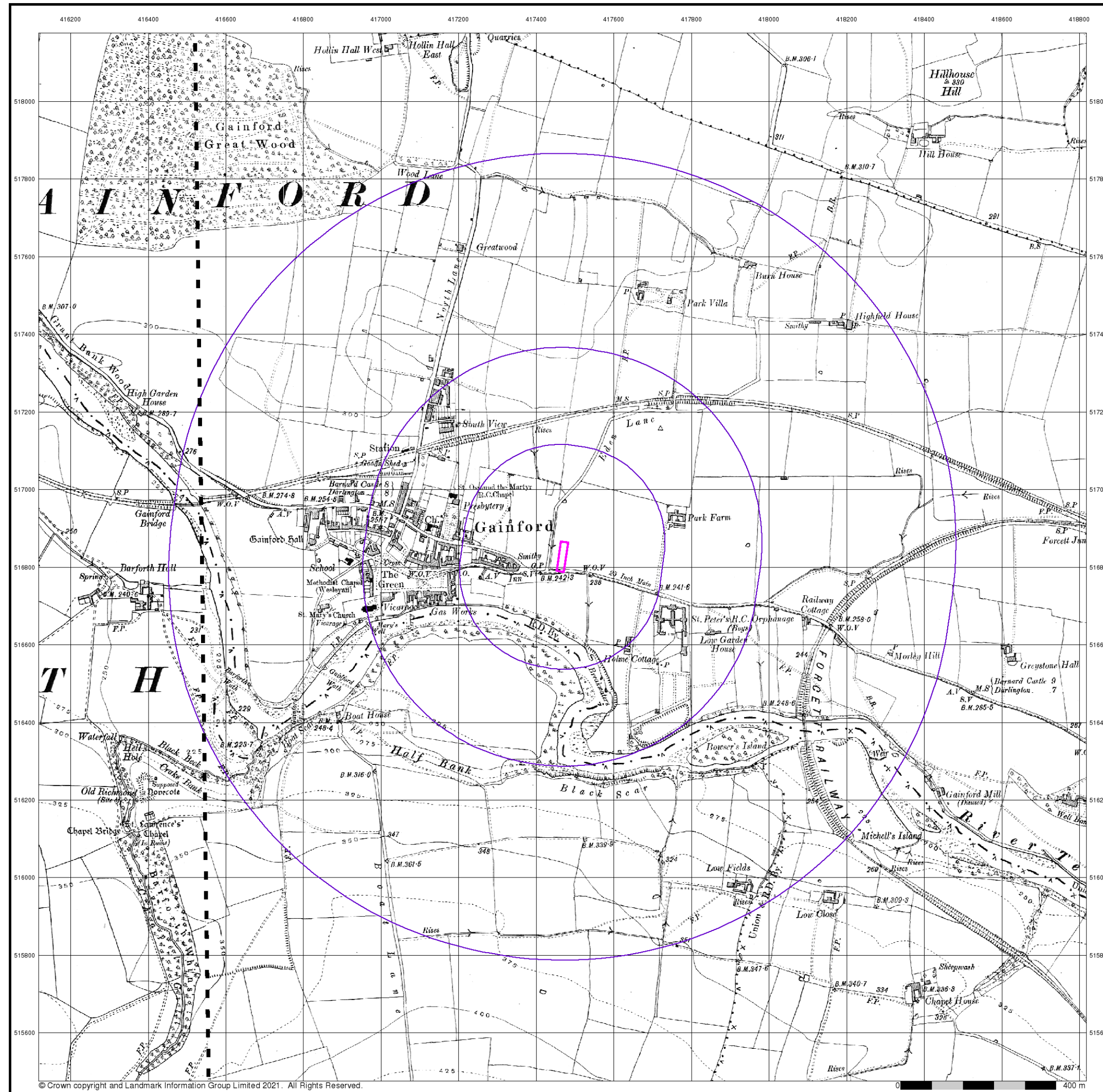
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

### Site Details

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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



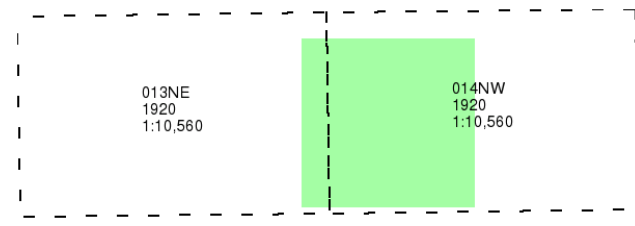
**Yorkshire**

**Published 1920**

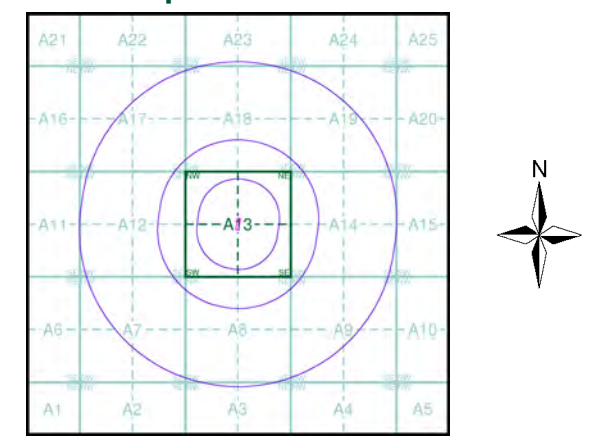
**Source map scale - 1:10,560**

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

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



**Historical Map - Slice A**



**Order Details**

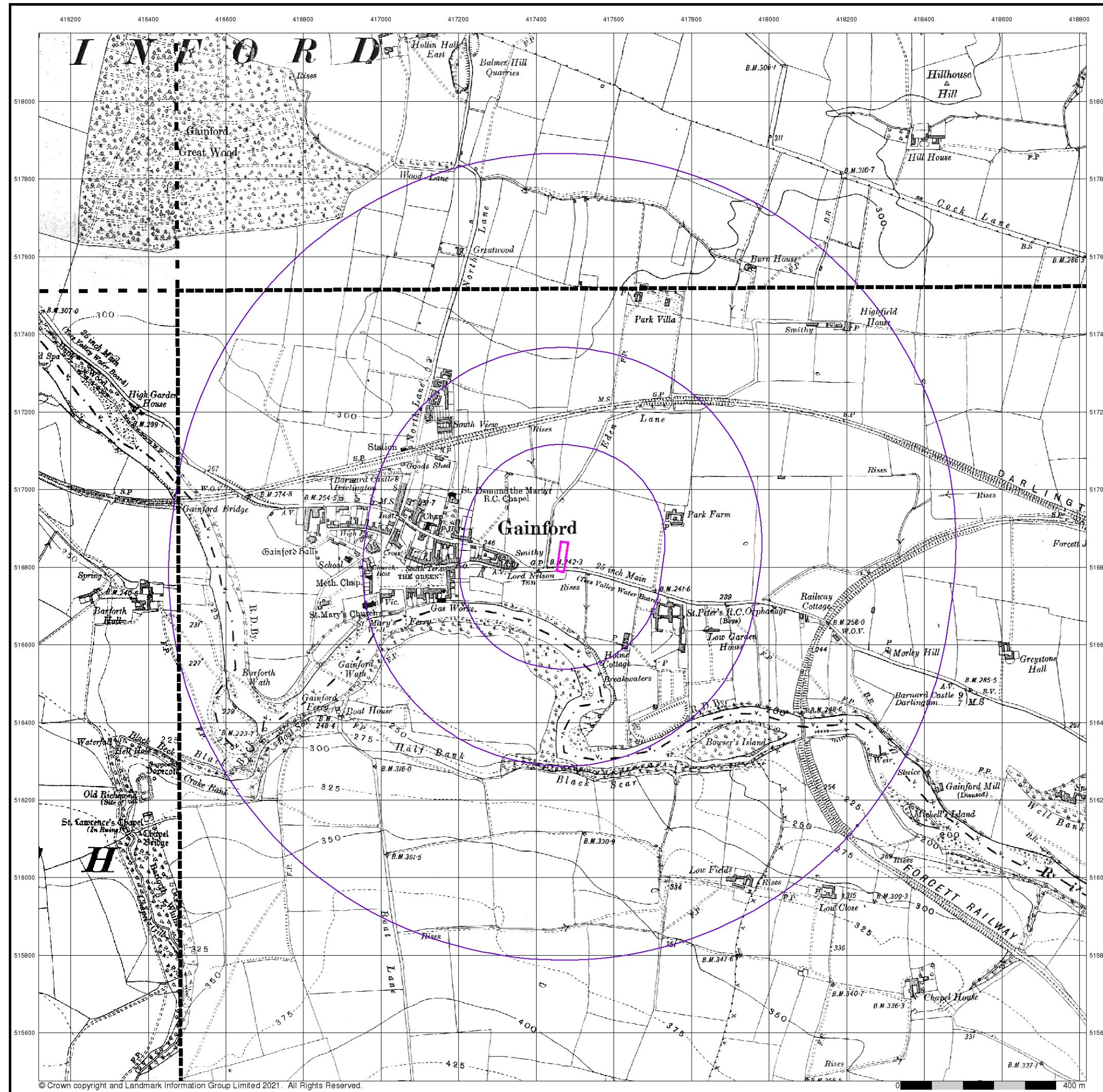
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

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## Durham

Published 1923 - 1924

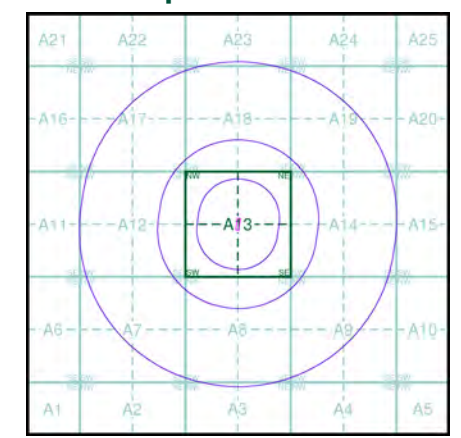
Source map scale - 1:10,560

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)

047SE	048SW
1923	1923
1:10,560	1:10,560
054NW	
1924	
1:10,560	

### Historical Map - Slice A



### Order Details

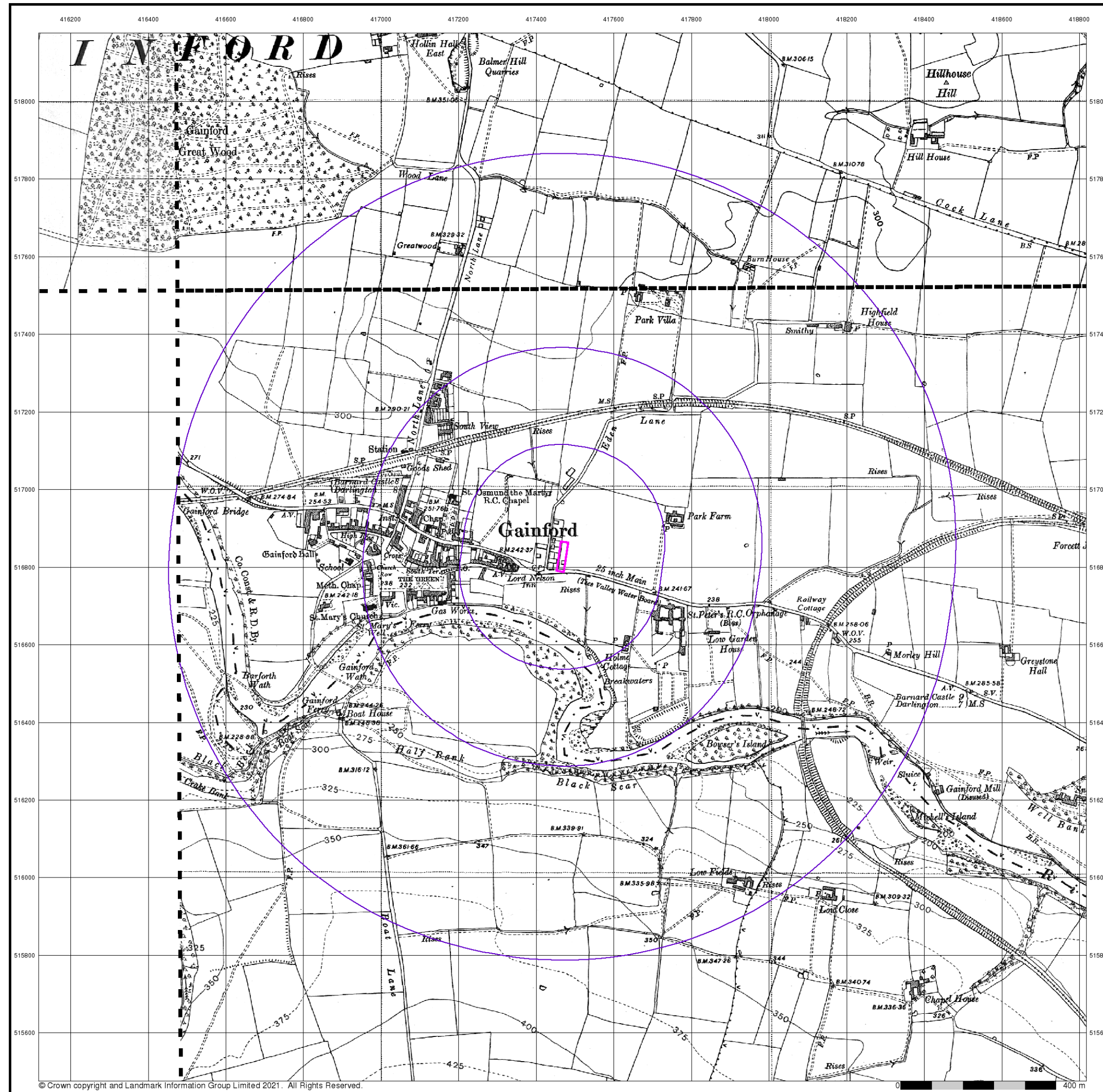
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

### Site Details

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## Durham

Published 1951

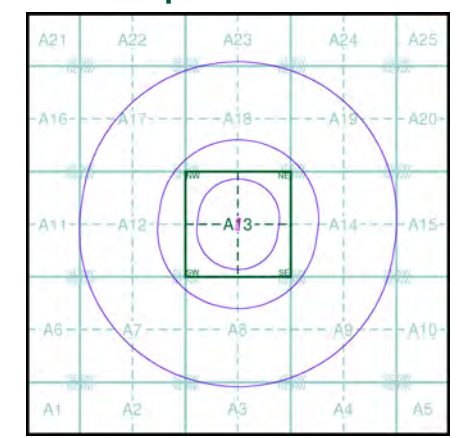
Source map scale - 1:10,560

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)

047SE 1951 1:10,560	048SW 1951 1:10,560
	054NW 1951 1:10,560

### Historical Map - Slice A



### Order Details

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

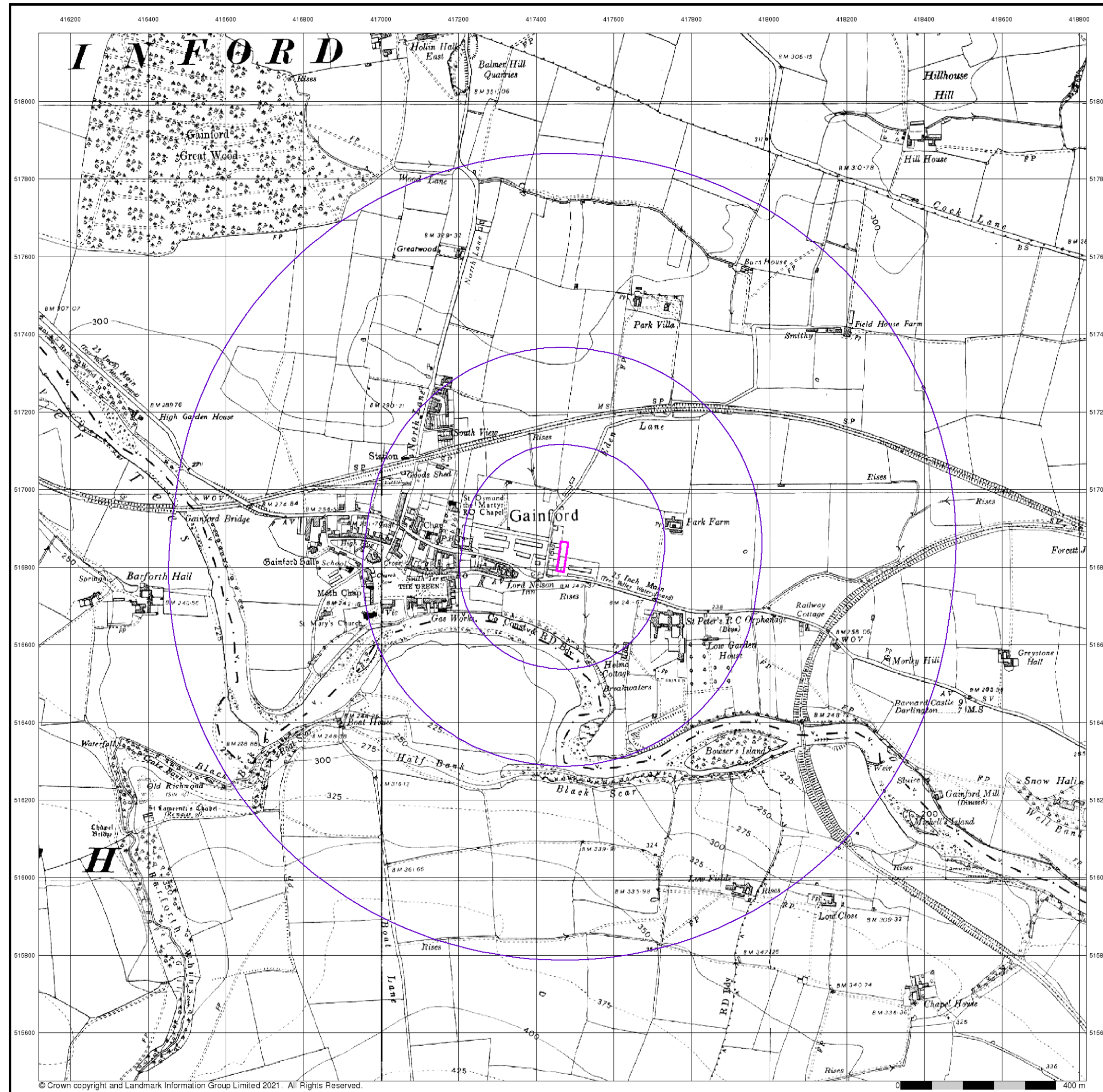
### Site Details

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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

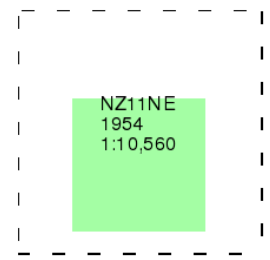




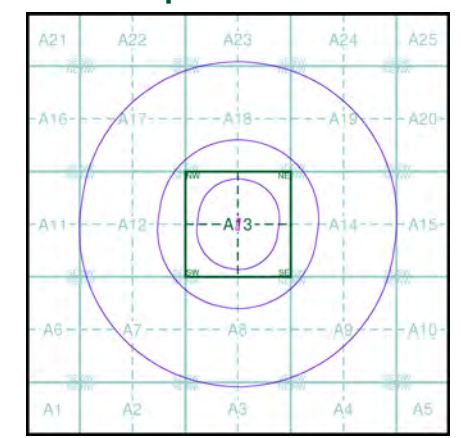
**Ordnance Survey Plan**  
**Published 1954**  
**Source map scale - 1:10,000**

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

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



**Historical Map - Slice A**



**Order Details**

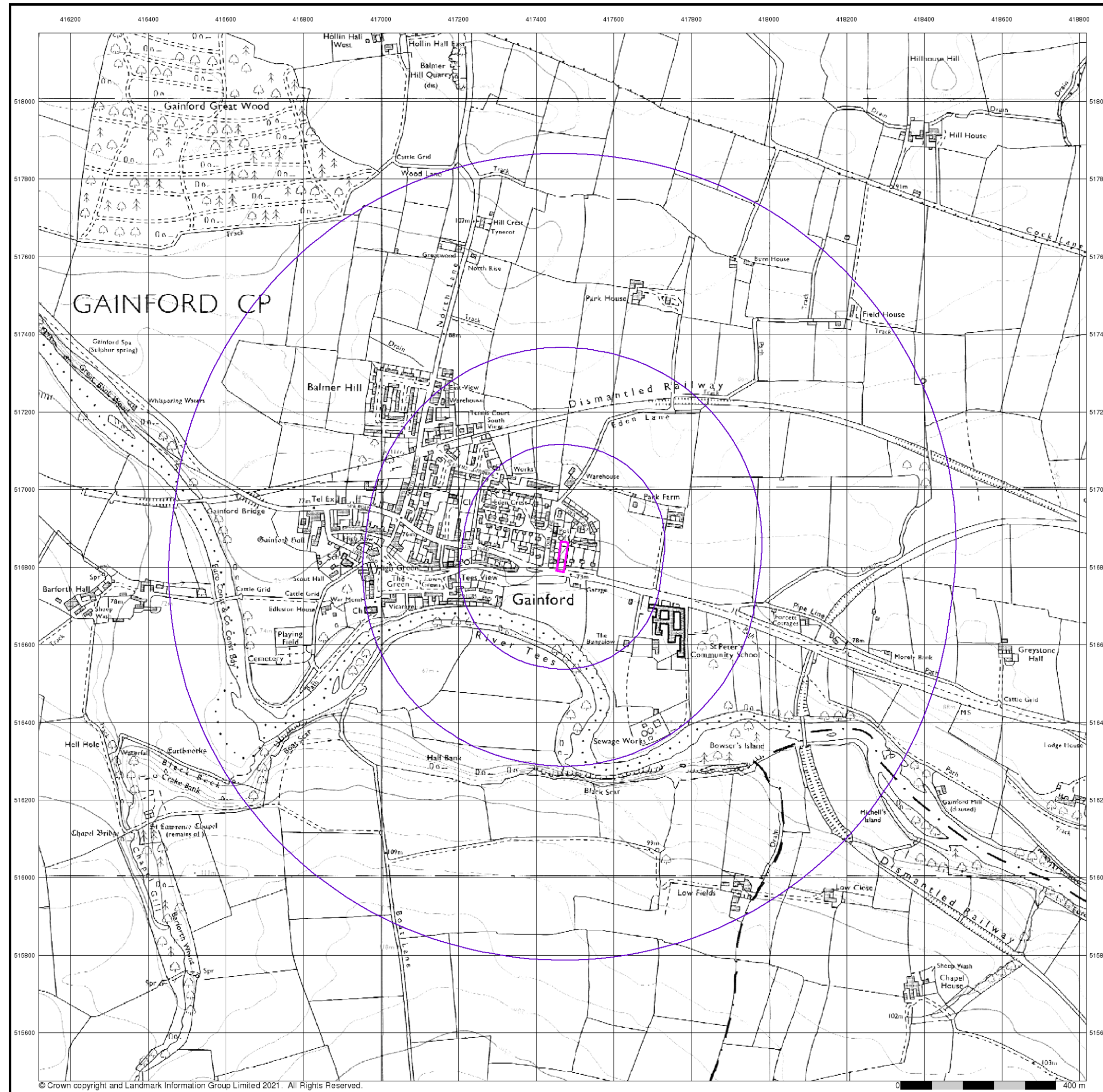
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
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 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

**Site Details**

27, Main Road, Gainford, DARLINGTON, DL2 3BE



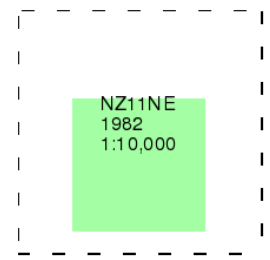
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



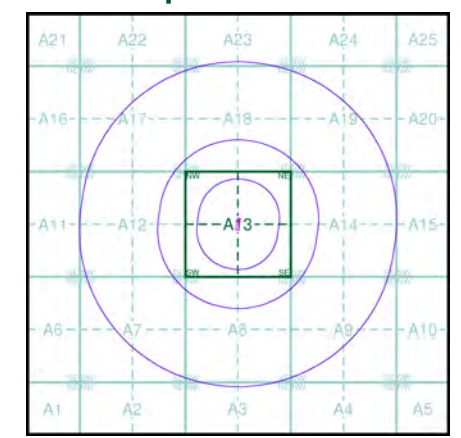
**Ordnance Survey Plan**  
**Published 1982**  
**Source map scale - 1:10,000**

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

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



**Historical Map - Slice A**



**Order Details**

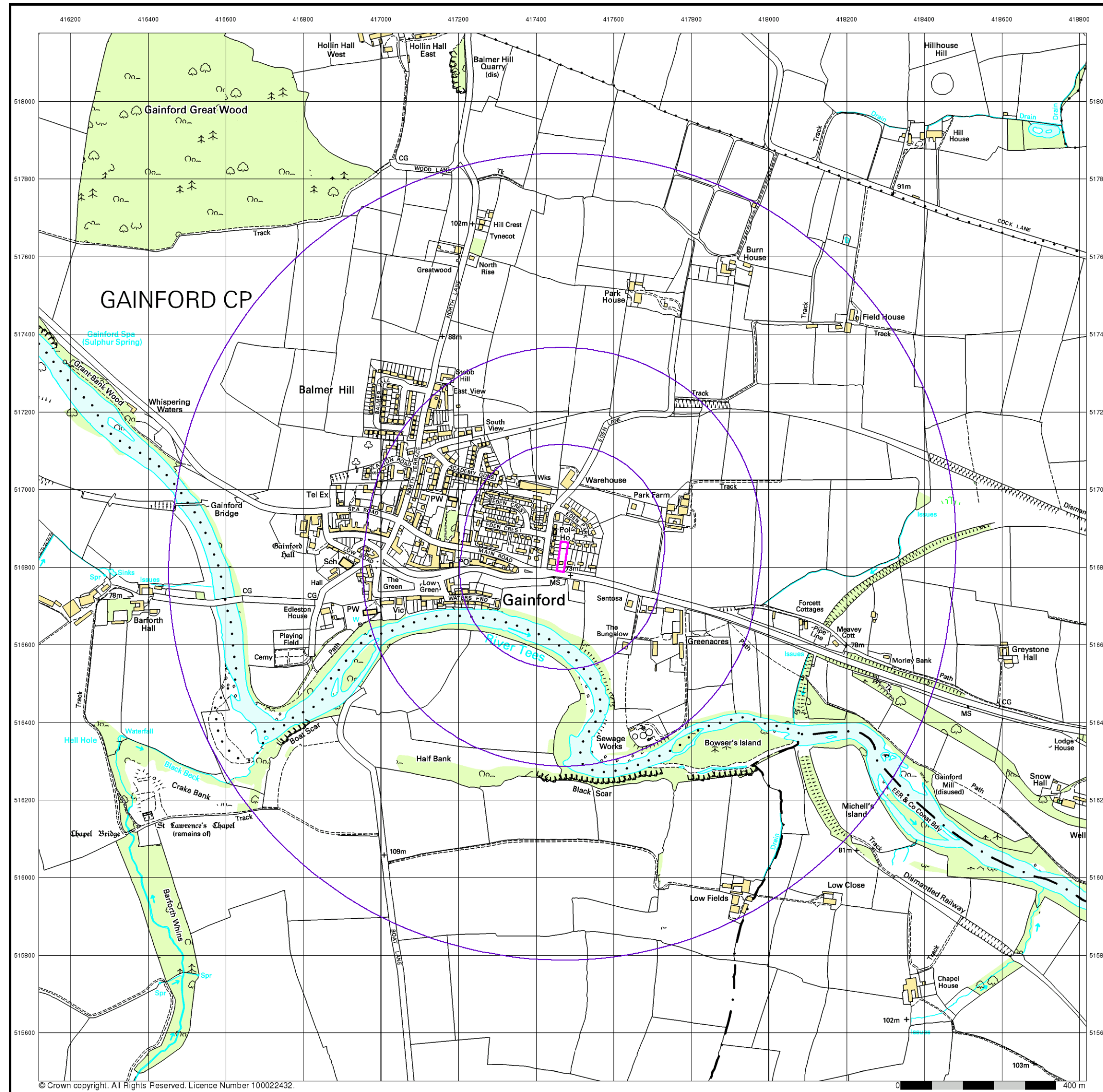
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

**Site Details**

27, Main Road, Gainford, DARLINGTON, DL2 3BE



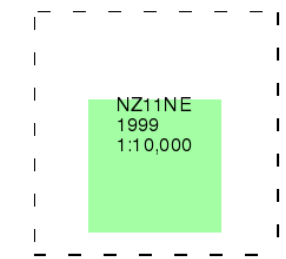
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



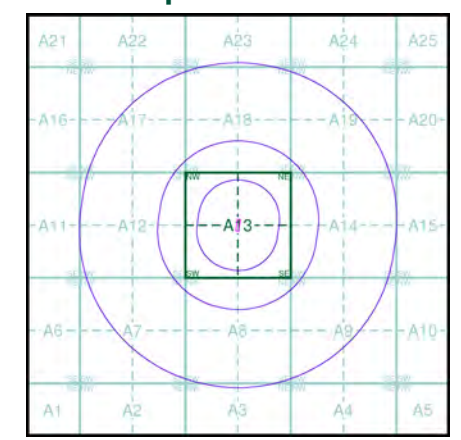
**10k Raster Mapping**  
**Published 1999**  
**Source map scale - 1:10,000**

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

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



**Historical Map - Slice A**



**Order Details**

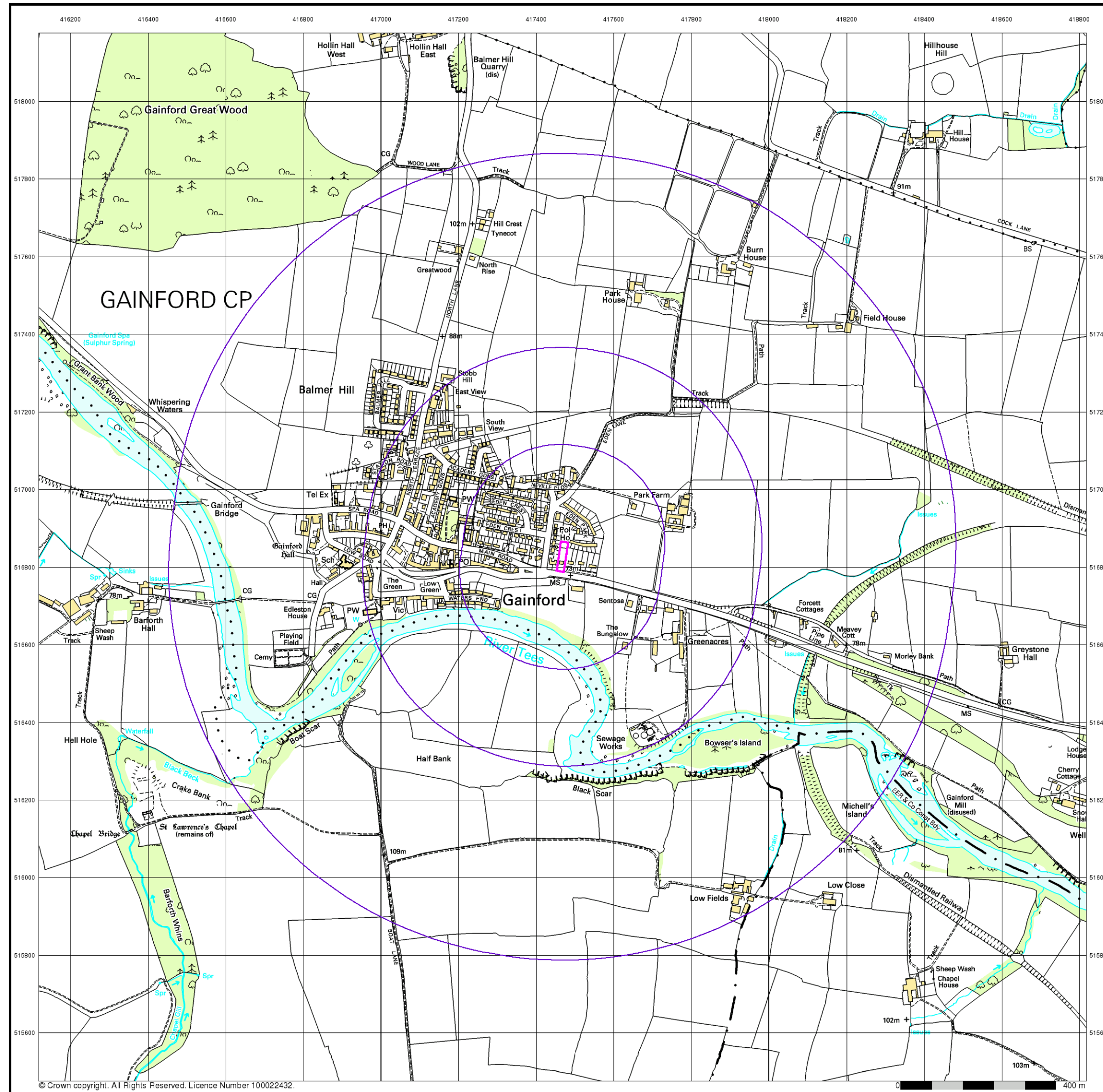
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

**Site Details**

27, Main Road, Gainford, DARLINGTON, DL2 3BE



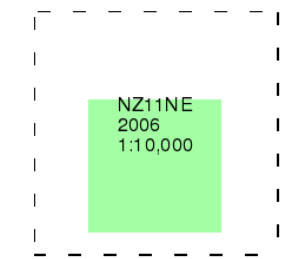
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



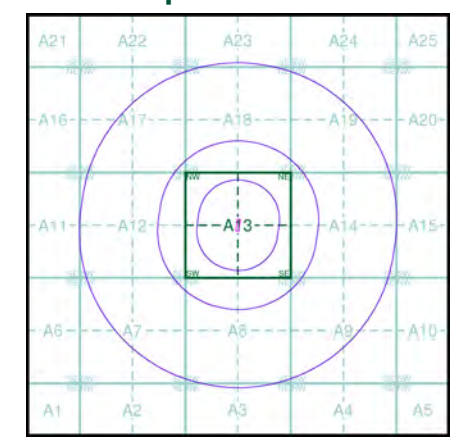
**10k Raster Mapping**  
**Published 2006**  
**Source map scale - 1:10,000**

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)**



**Historical Map - Slice A**



**Order Details**

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
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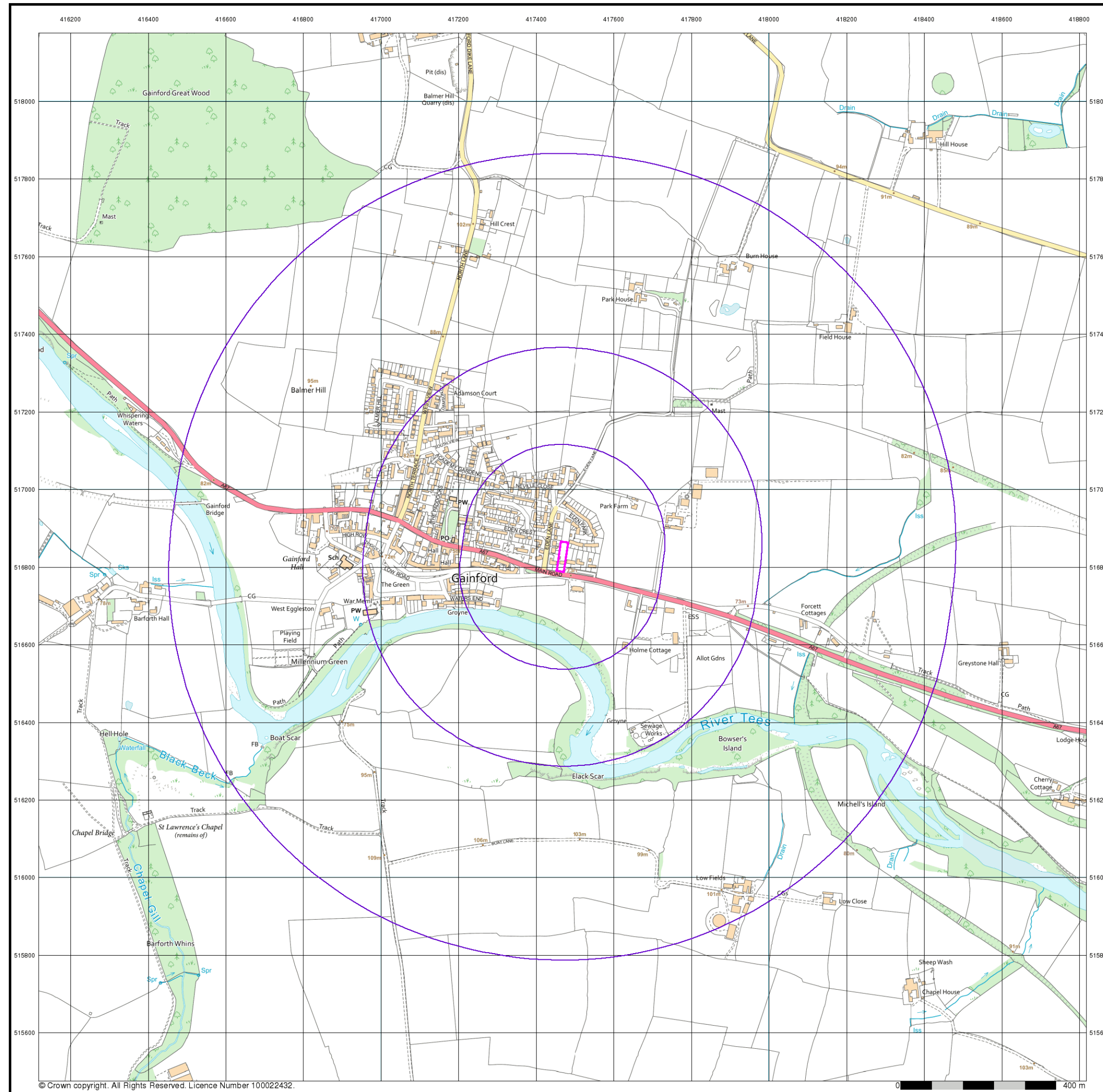
**Site Details**

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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

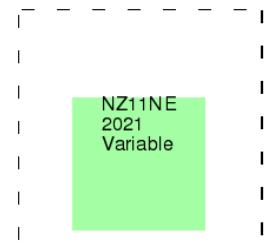
© Crown copyright. All Rights Reserved. Licence Number 100022432.



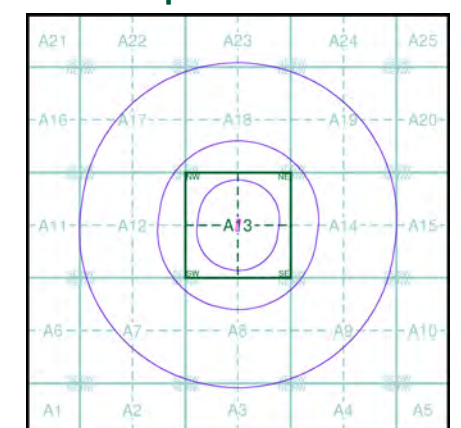
**VectorMap Local**  
**Published 2021**  
**Source map scale - 1:10,000**

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)**



**Historical Map - Slice A**



**Order Details**

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

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# Historical Mapping Legends

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

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

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

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

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

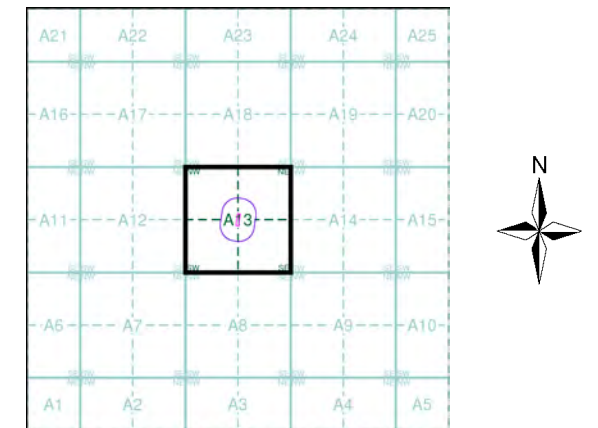
**Cliff** **Slopes** **Top**  
**Rock** **Rock (scattered)**  
**Boulders** **Boulders (scattered)**  
**Positioned Boulder** **Scree**  
**Non-Coniferous Tree (surveyed)** **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)** **Coniferous Trees (not surveyed)**  
**Orchard Tree**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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Durham	1:2,500	1858	2
Yorkshire	1:2,500	1893	3
Durham	1:2,500	1897	4
Yorkshire	1:2,500	1914	5
Durham	1:2,500	1914	6
Ordnance Survey Plan	1:2,500	1975 - 1976	7
Additional SIMs	1:2,500	1979 - 1985	8
Additional SIMs	1:2,500	1989	9
Large-Scale National Grid Data	1:2,500	1994	10
Historical Aerial Photography	1:2,500	2000	11

## Historical Map - Segment A13



## Order Details

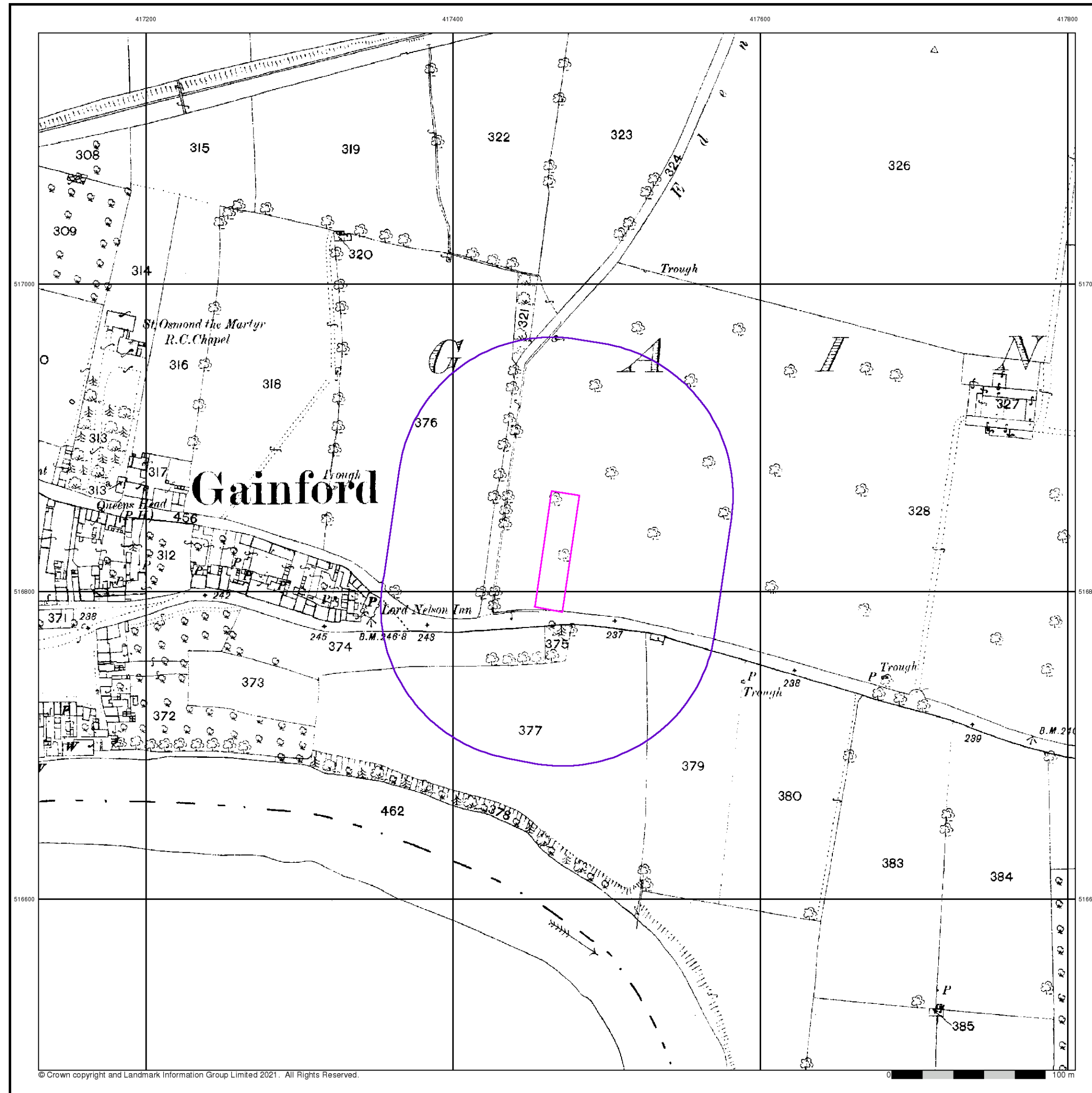
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 100

## Site Details

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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 Fax: 0844 844 9951  
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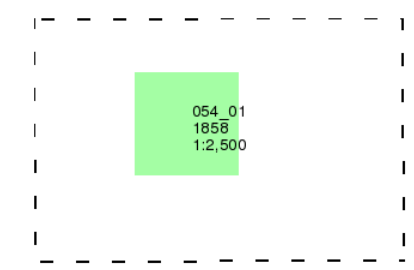
**Durham**

**Published 1858**

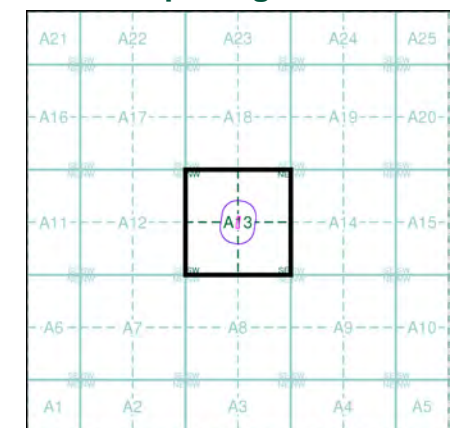
**Source map scale - 1:2,500**

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: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 100

**Site Details**

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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

417200

417400

417600

417800

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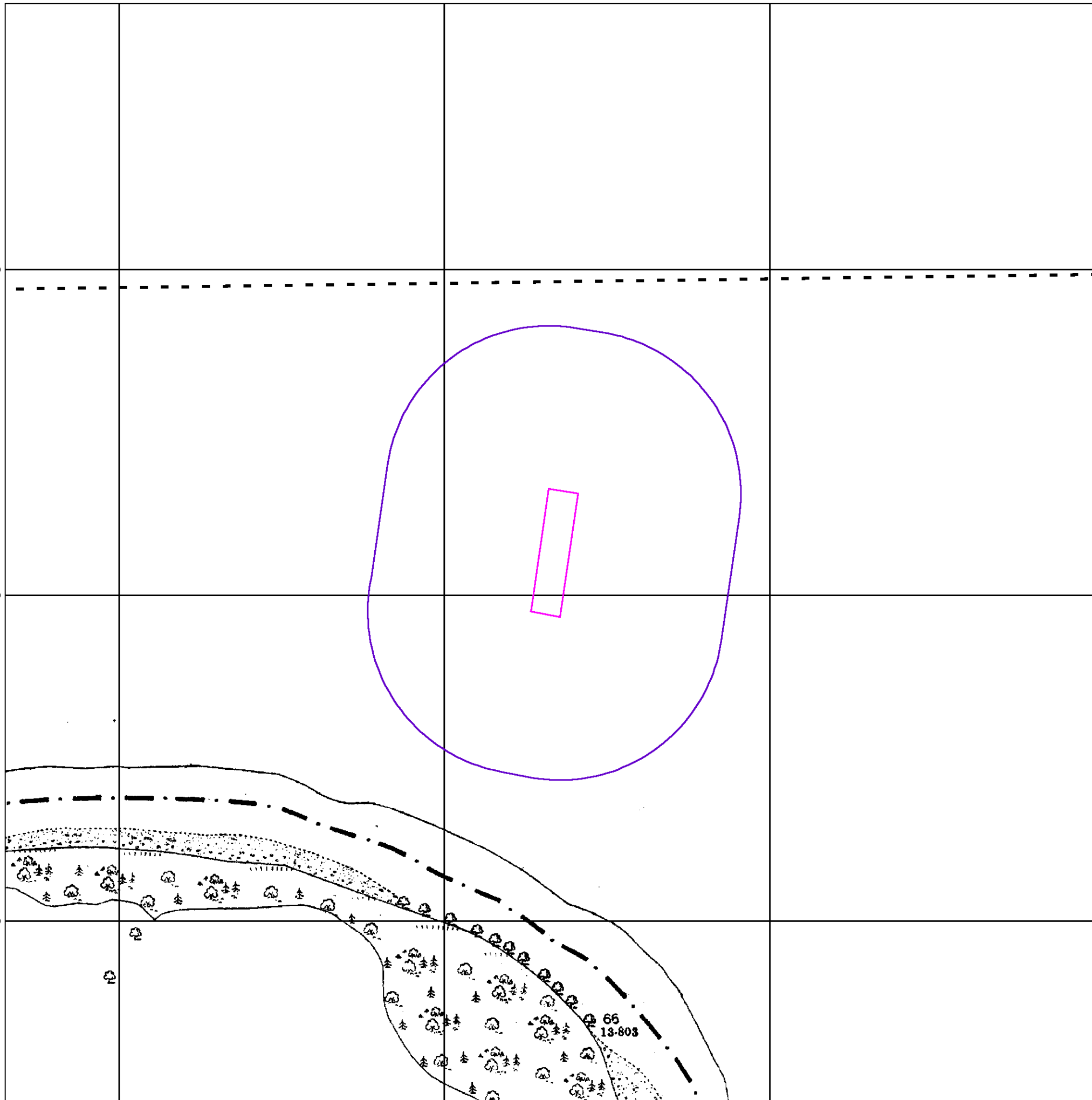
517000

516800

516800

516600

516600



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0 100 m



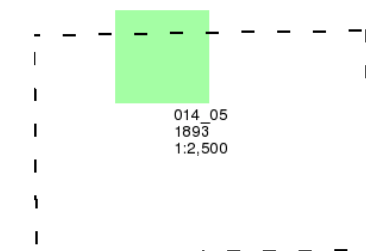
### Yorkshire

Published 1893

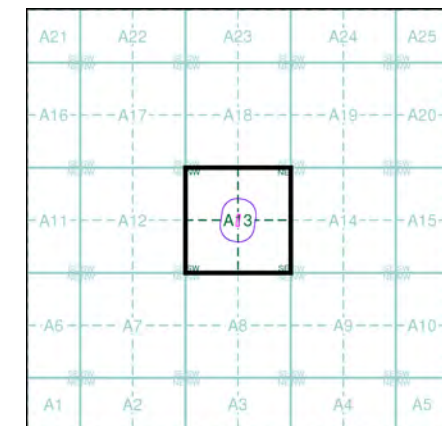
Source map scale - 1:2,500

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: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
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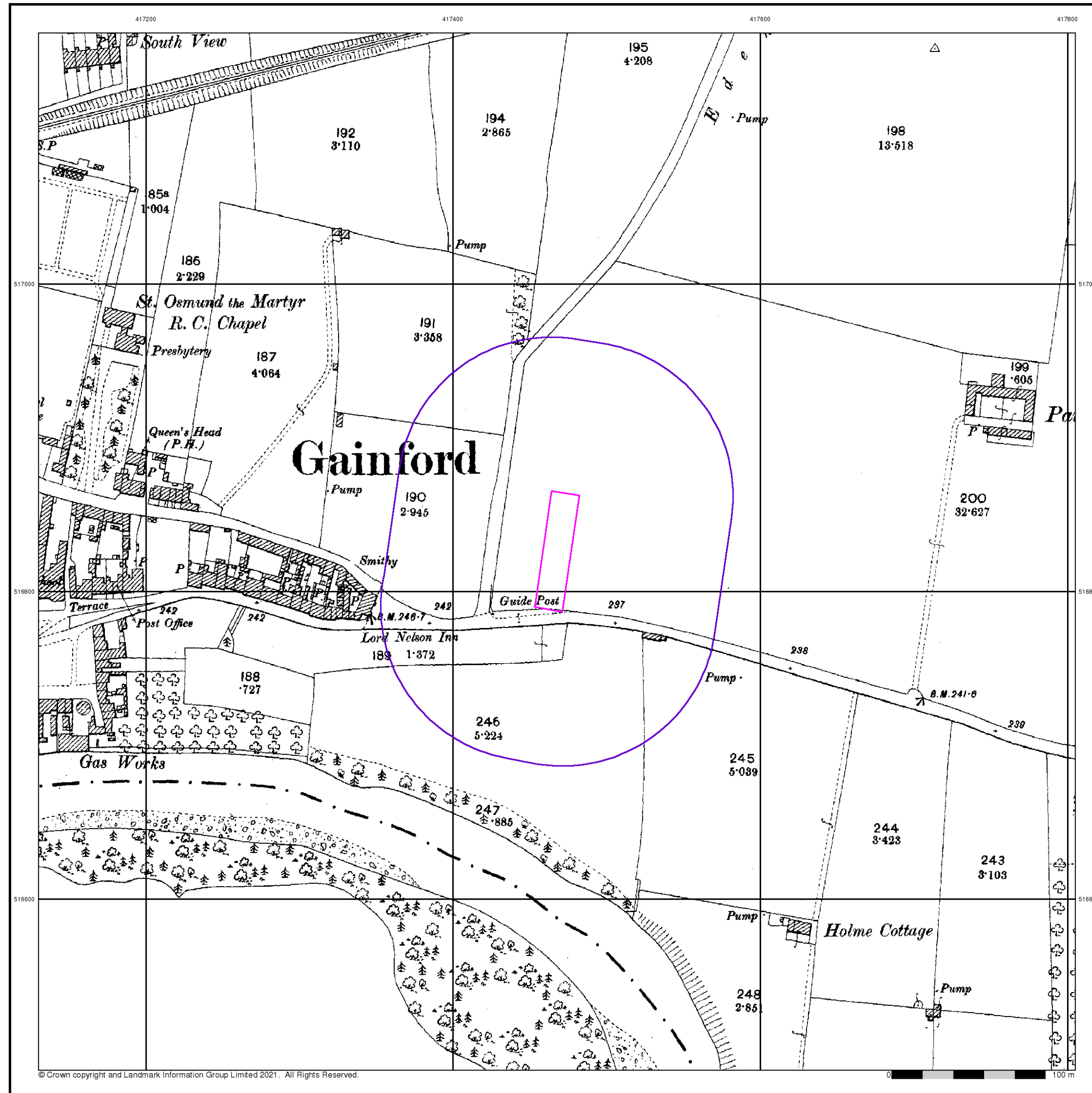
### Site Details

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 Web: www.envirocheck.co.uk

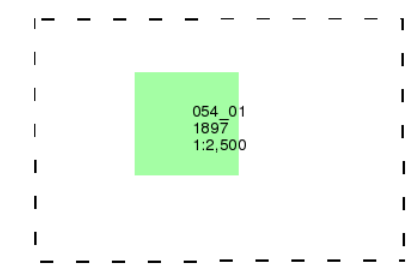




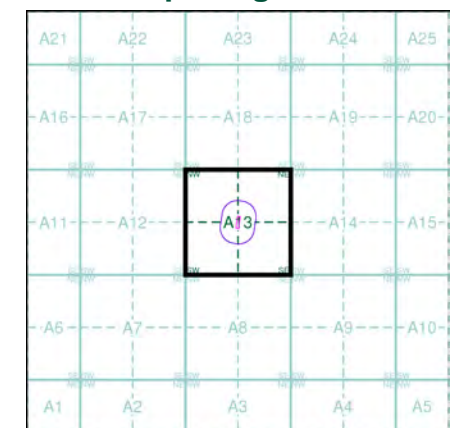
**Durham**  
**Published 1897**  
**Source map scale - 1:2,500**

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)**



**Historical Map - Segment A13**



**Order Details**

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
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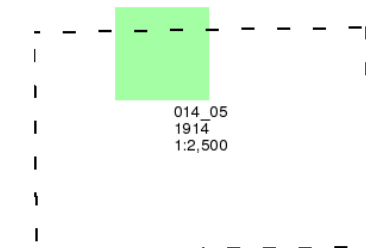
### Yorkshire

Published 1914

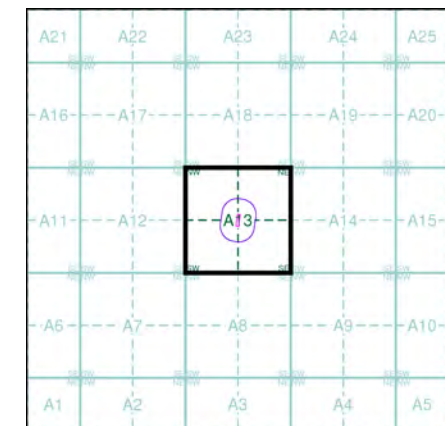
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered 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

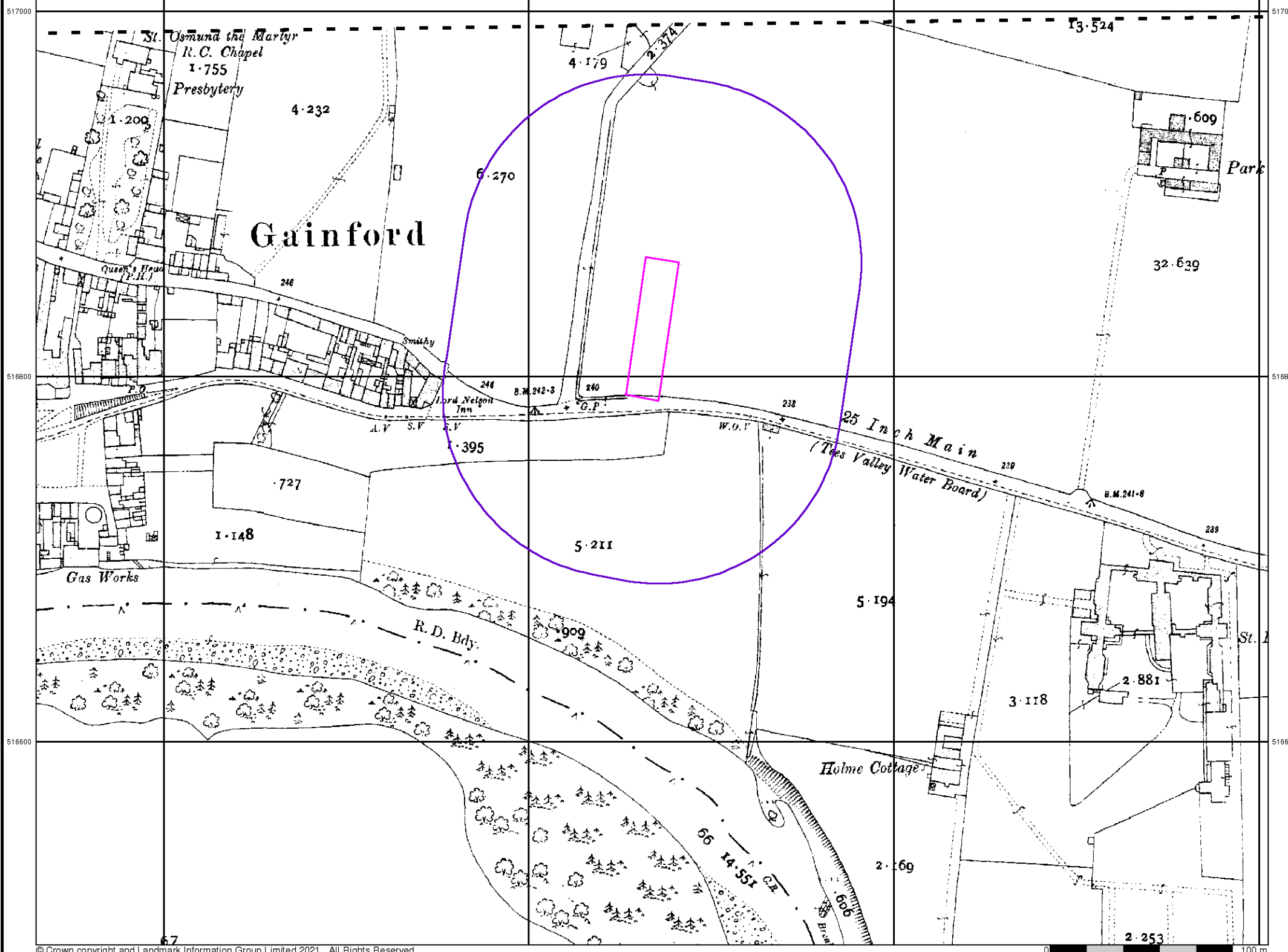
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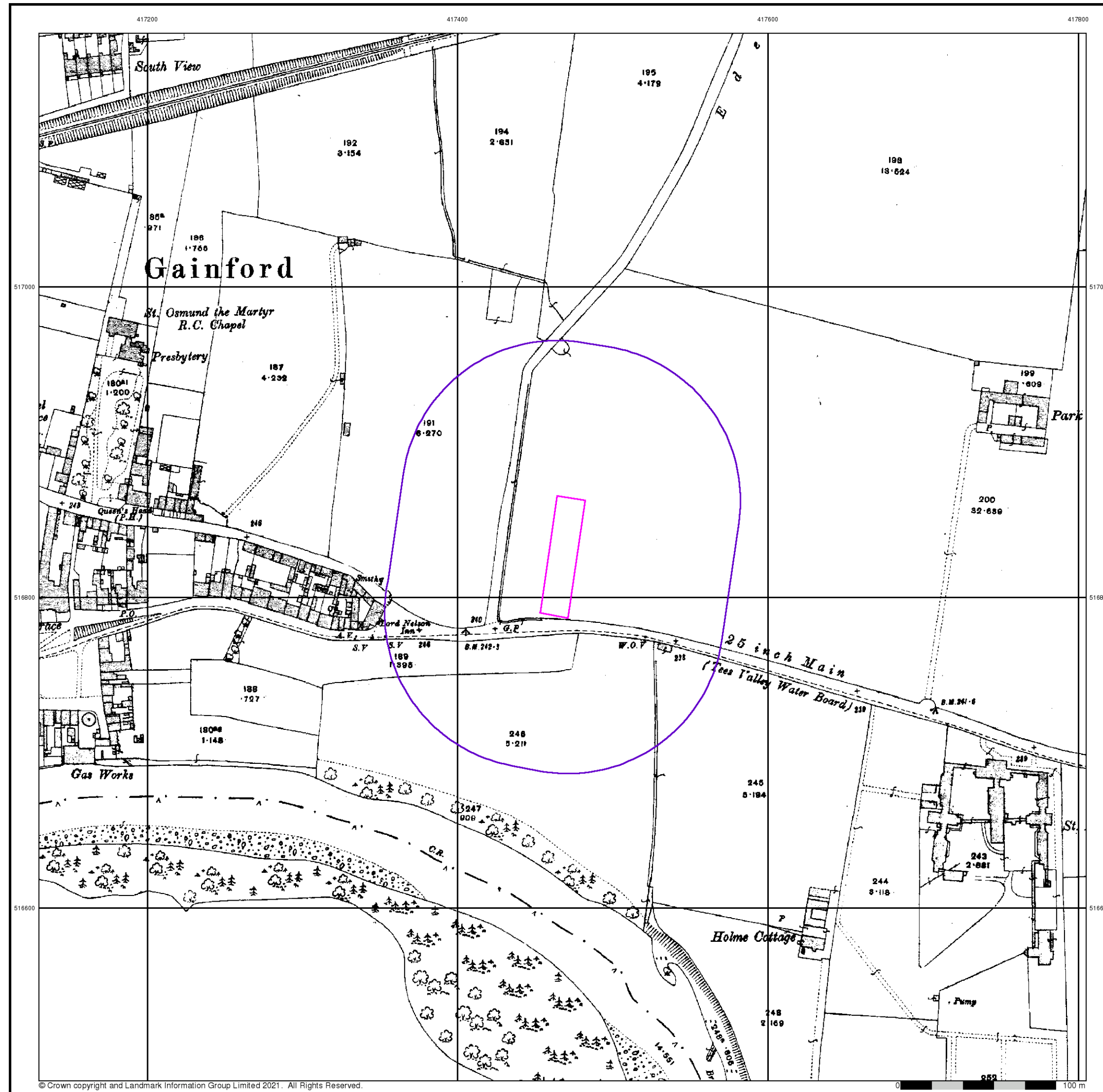
### Site Details

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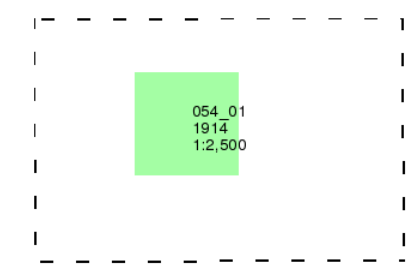
**Durham**

**Published 1914**

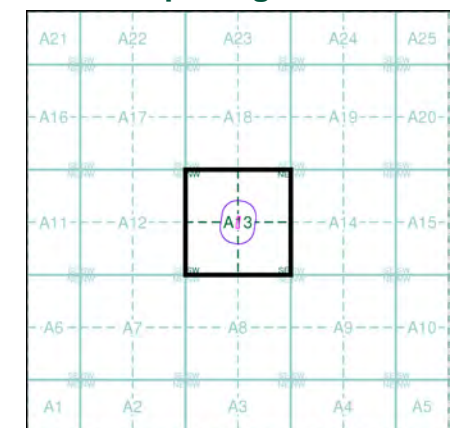
**Source map scale - 1:2,500**

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**

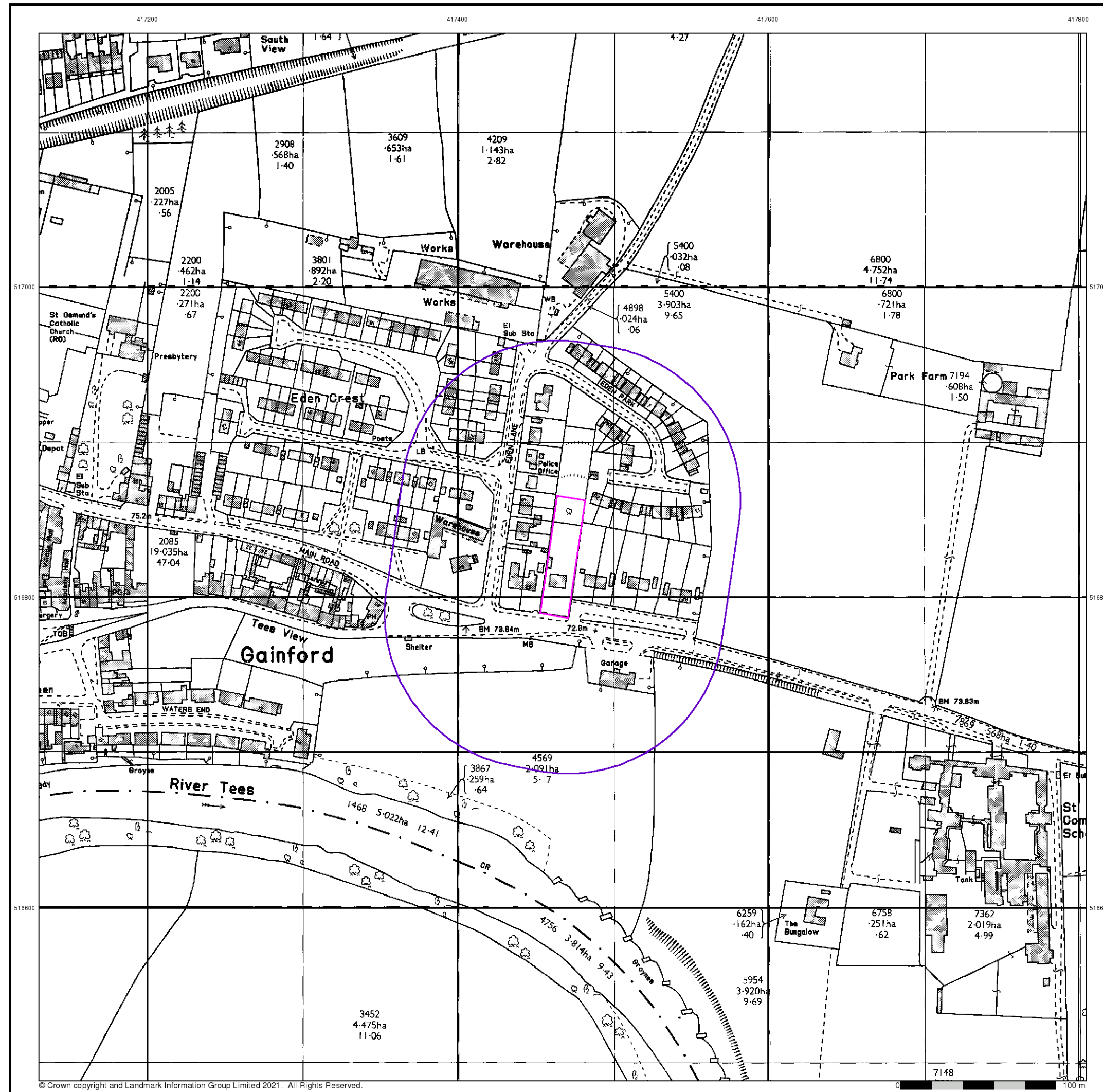
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
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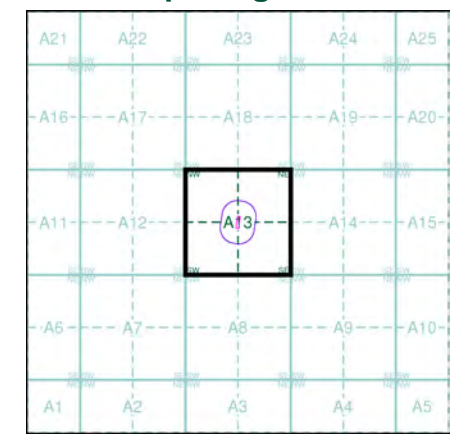
**Ordnance Survey Plan**  
**Published 1975 - 1976**  
**Source map scale - 1:2,500**

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)**

NZ1717	1976	1:2,500
NZ1716	1975	1:2,500

**Historical Map - Segment A13**



**Order Details**

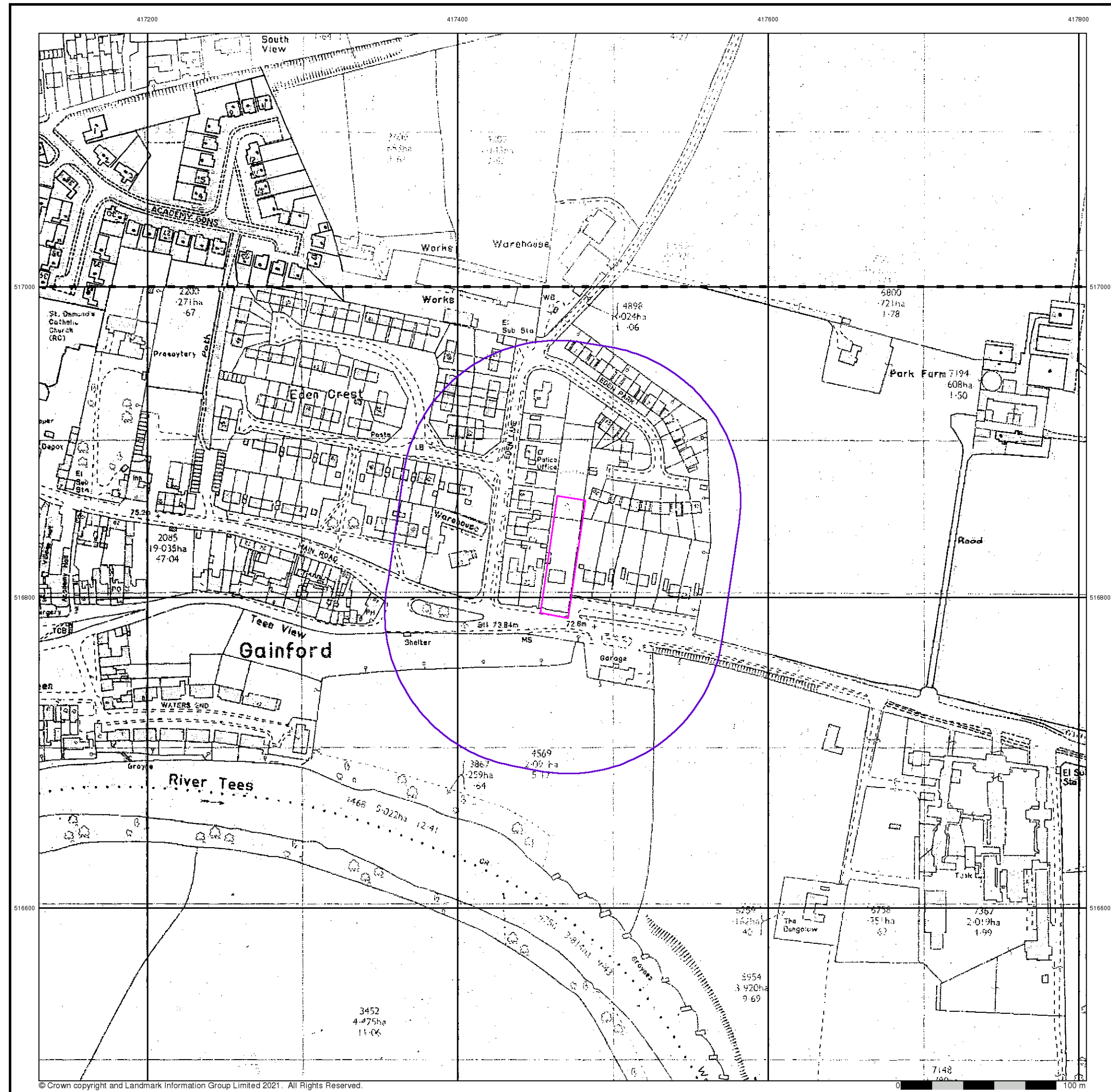
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
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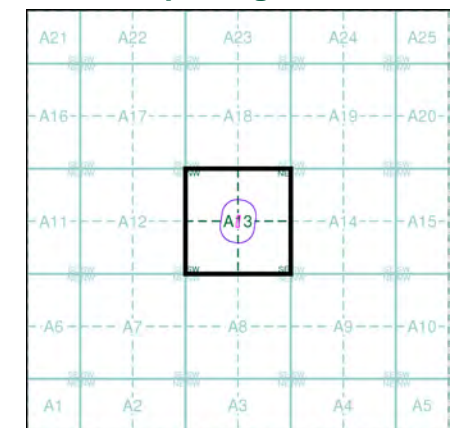
**Additional SIMs**  
**Published 1979 - 1985**  
**Source map scale - 1:2,500**

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)**

NZ1717	1979	1:2,500
NZ1716	1985	1:2,500

**Historical Map - Segment A13**



**Order Details**

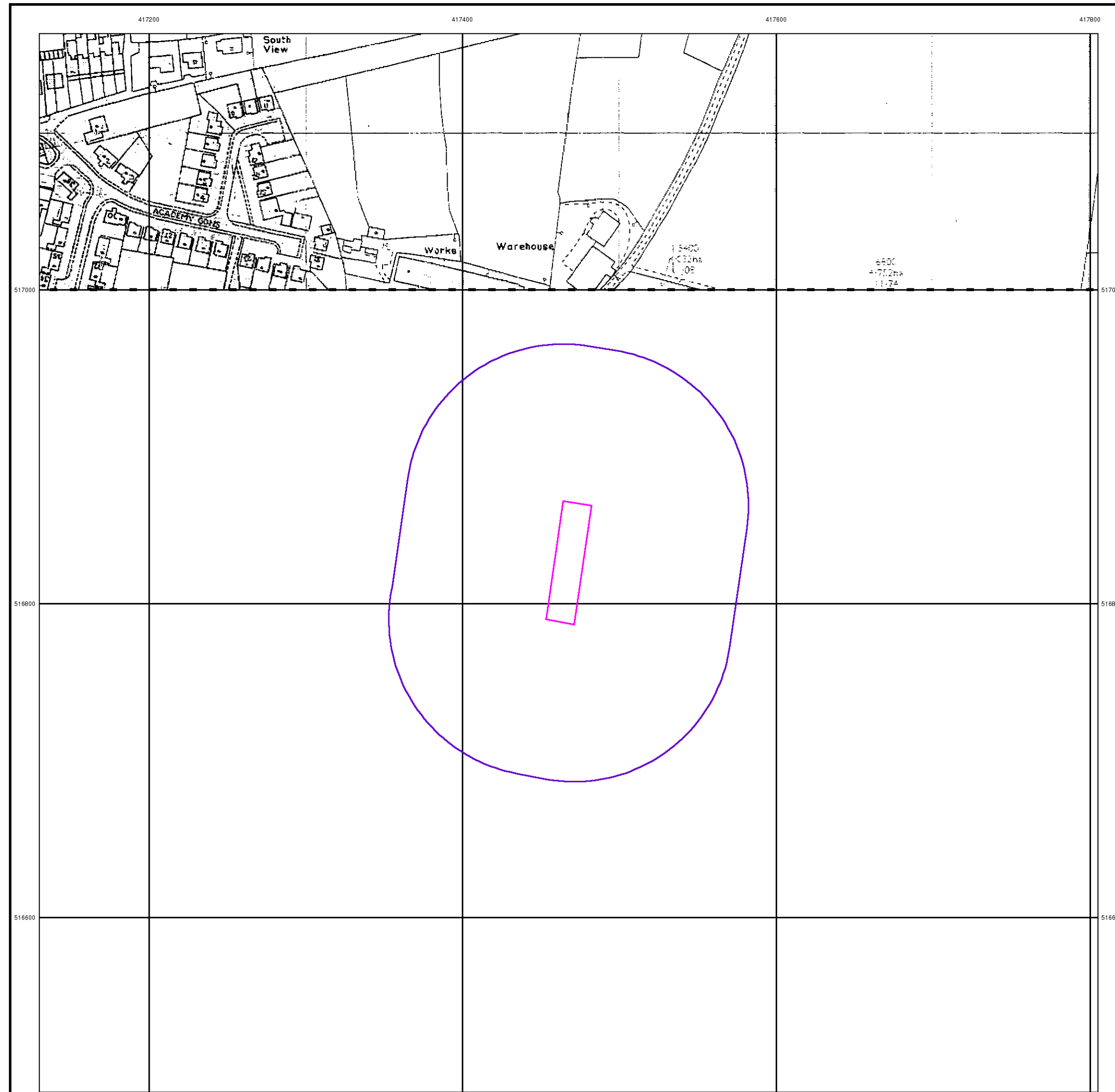
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 National Grid Reference: 417470, 516830  
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 Site Area (Ha): 0.15  
 Search Buffer (m): 100

**Site Details**

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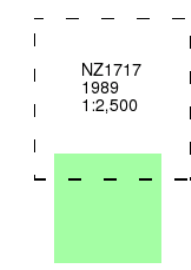
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



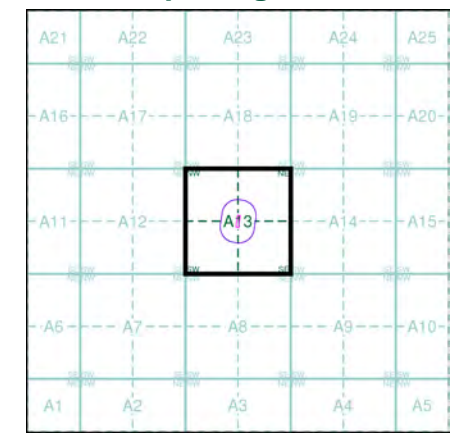
**Additional SIMs**  
**Published 1989**  
**Source map scale - 1:2,500**

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

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



**Historical Map - Segment A13**



**Order Details**

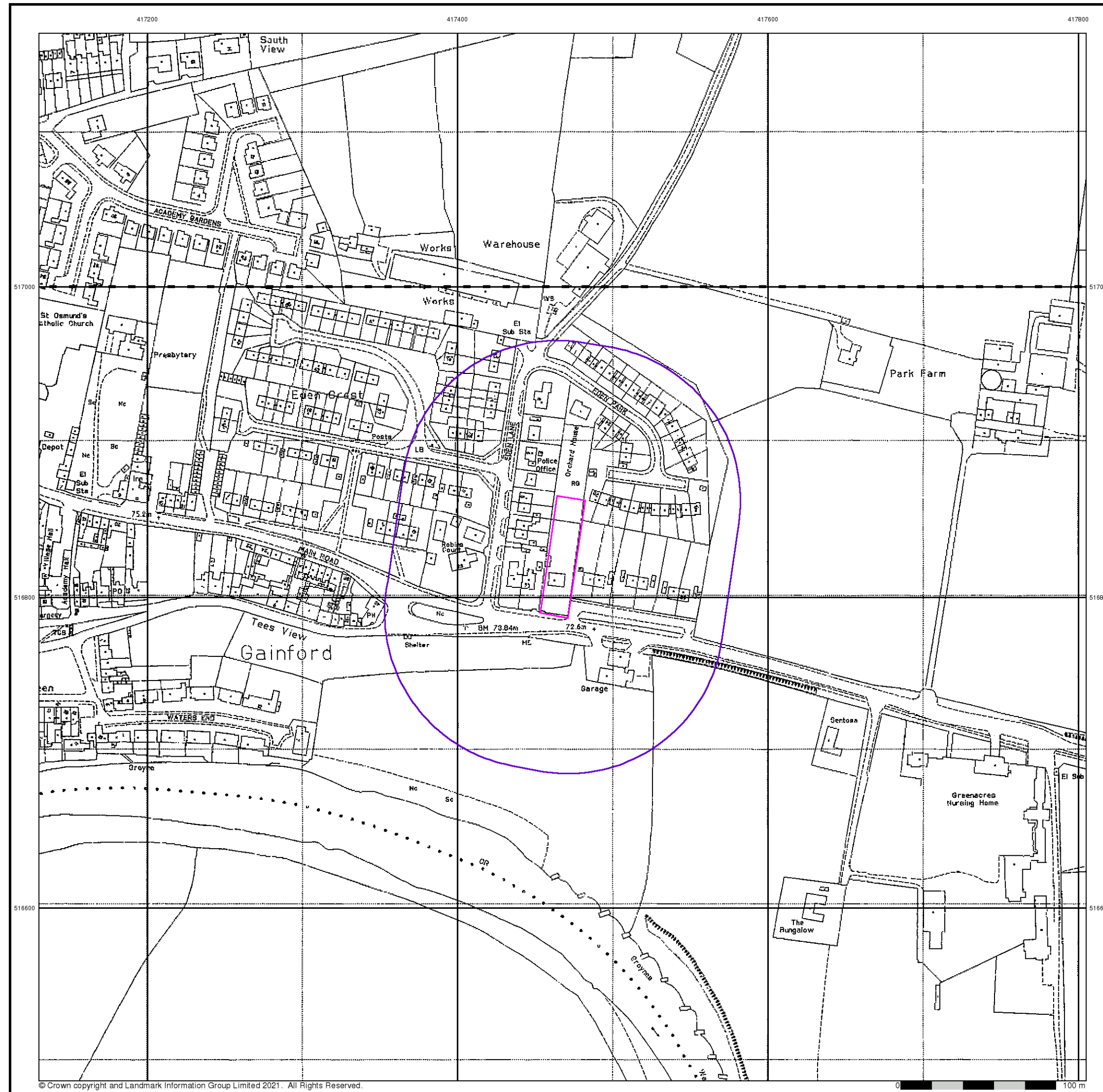
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 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
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 Site Area (Ha): 0.15  
 Search Buffer (m): 100

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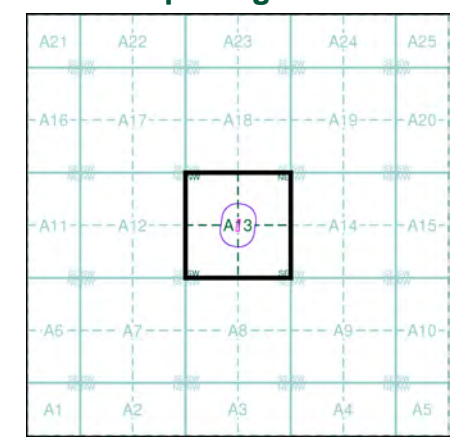
**Large-Scale National Grid Data**  
**Published 1994**  
**Source map scale - 1:2,500**

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

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

NZ1717	1994	1:2,500
NZ1716	1994	1:2,500

**Historical Map - Segment A13**



**Order Details**

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 100

**Site Details**

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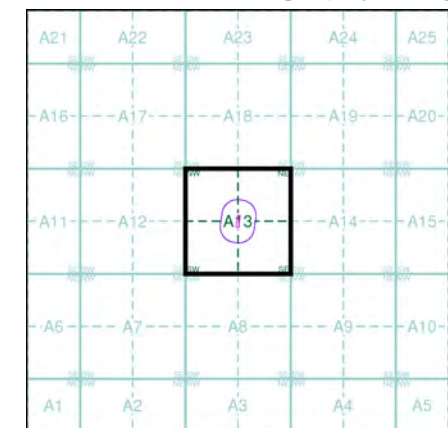


### Historical Aerial Photography

Published 2000

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: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 100

### Site Details

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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 Fax: 0844 844 9951  
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# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

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

## Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- 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
- Ch Church
- CH Club House
- F E Sta Fire Engine Station
- FB Foot Bridge
- Fn Fountain
- GP Guide Post
- MP Mile Post
- MS Mile Stone
- Pol Sta Police Station
- PO Post Office
- PC Public Convenience
- PH Public House
- SB Signal Box
- Spr Spring
- TCB Telephone Call Box
- TCP Telephone Call Post
- W Well

## 1:10,000 Raster Mapping

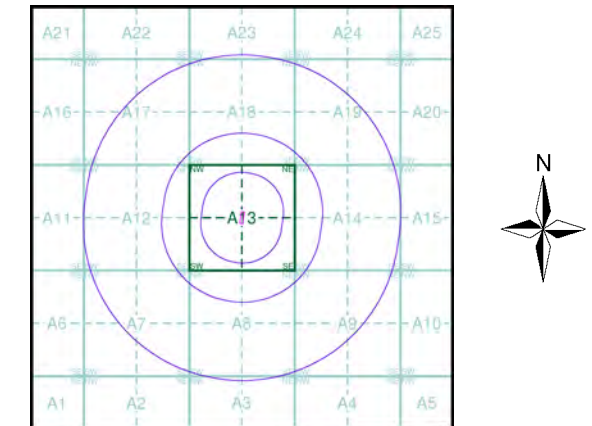
- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- General detail
- Overhead detail
- Multi-track railway
- County boundary (England only)
- District, Unitary, Metropolitan, London Borough boundary
- Area of wooded vegetation
- Non-coniferous trees (scattered)
- Coniferous trees (scattered)
-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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1857	2
Durham	1:10,560	1859 - 1860	3
Yorkshire	1:10,560	1895	4
Durham	1:10,560	1898 - 1899	5
Yorkshire	1:10,560	1920	6
Durham	1:10,560	1923 - 1924	7
Durham	1:10,560	1951	8
Ordnance Survey Plan	1:10,000	1954	9
Ordnance Survey Plan	1:10,000	1982	10
10K Raster Mapping	1:10,000	1999	11
10K Raster Mapping	1:10,000	2006	12
VectorMap Local	1:10,000	2021	13

## Historical Map - Slice A



## Order Details

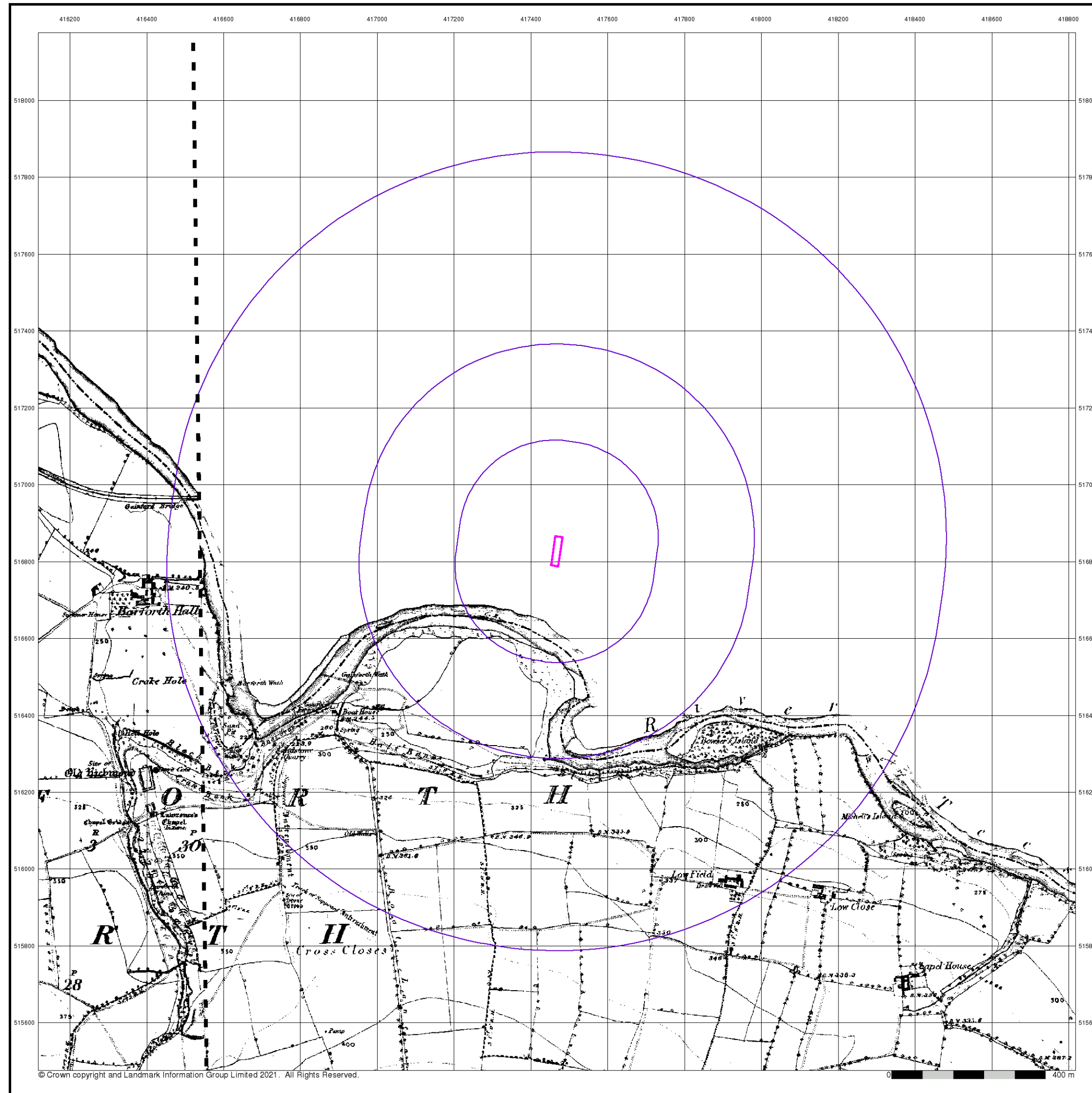
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

## Site Details

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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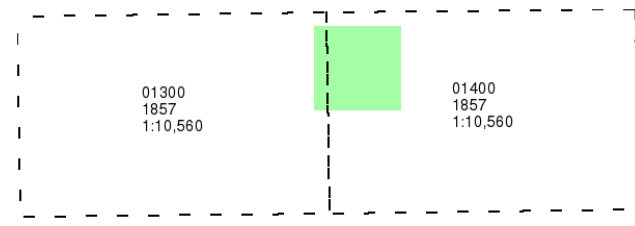
**Yorkshire**

**Published 1857**

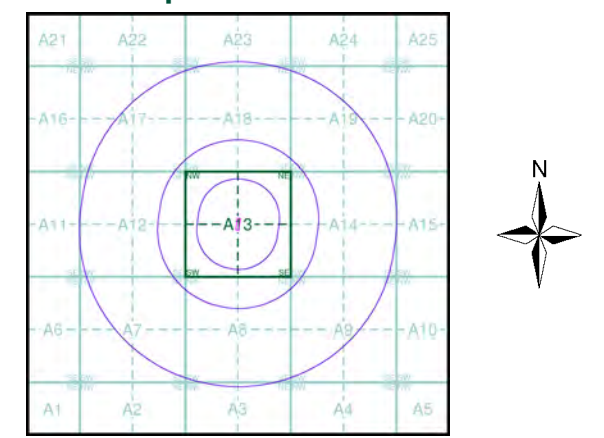
**Source map scale - 1:10,560**

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

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



**Historical Map - Slice A**



**Order Details**

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
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## Durham

Published 1859 - 1860

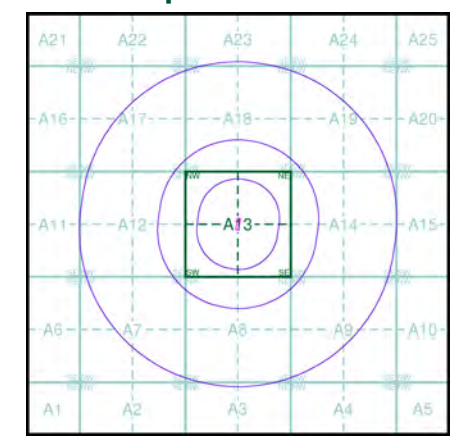
Source map scale - 1:10,560

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

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05300 1859 1:10,560	05400 1859 1:10,560

### Historical Map - Slice A



### Order Details

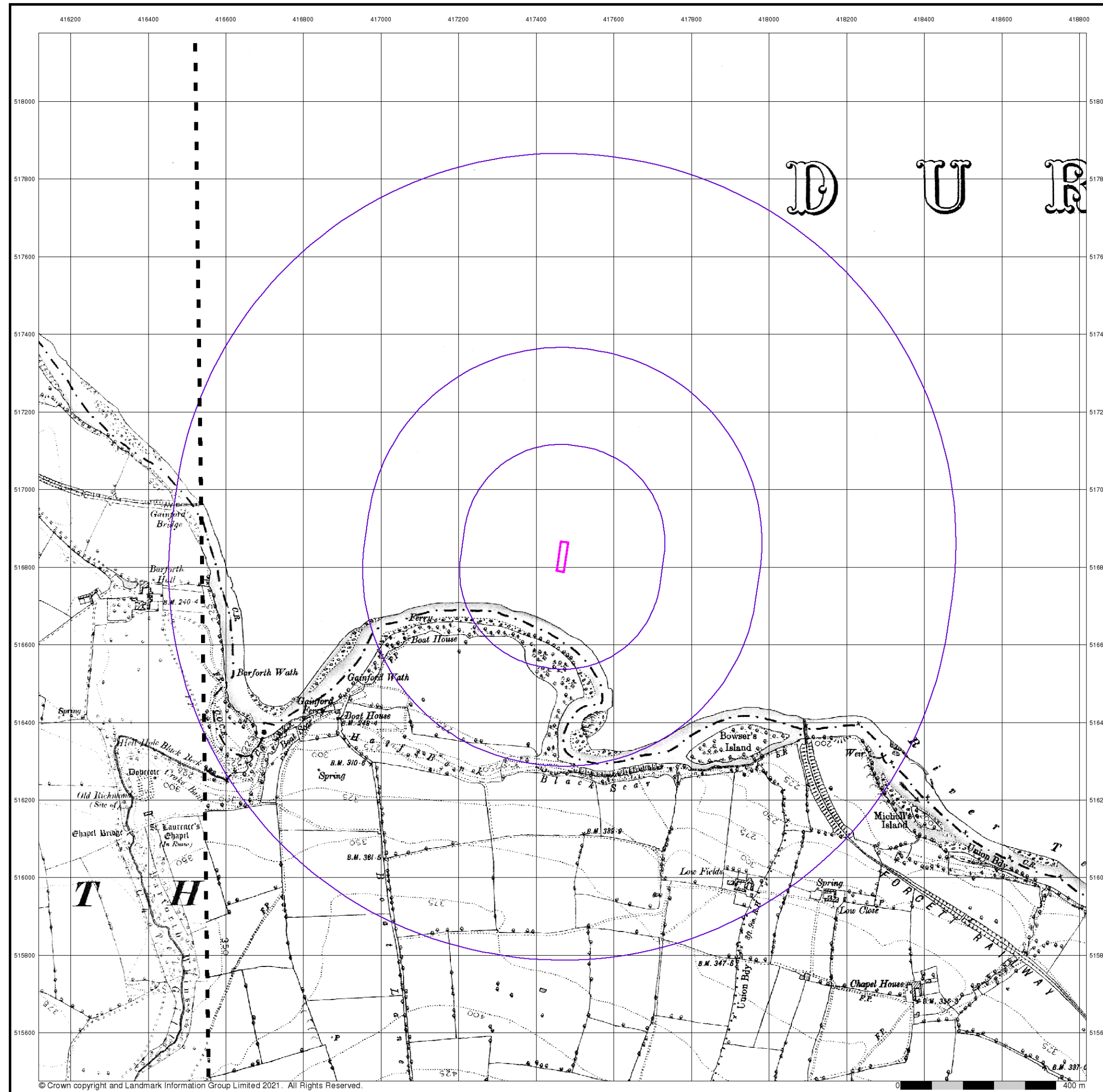
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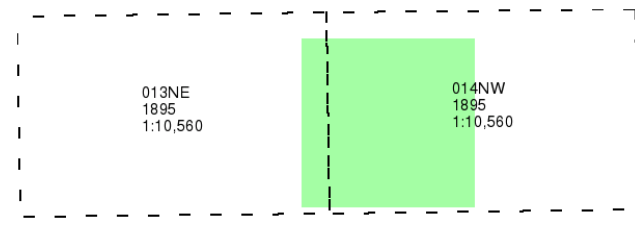
**Yorkshire**

**Published 1895**

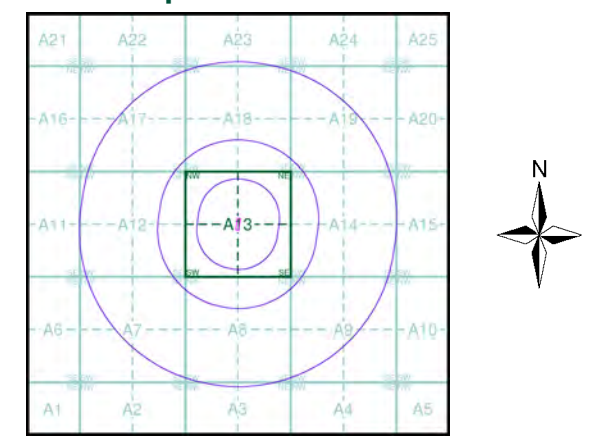
**Source map scale - 1:10,560**

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

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



**Historical Map - Slice A**



**Order Details**

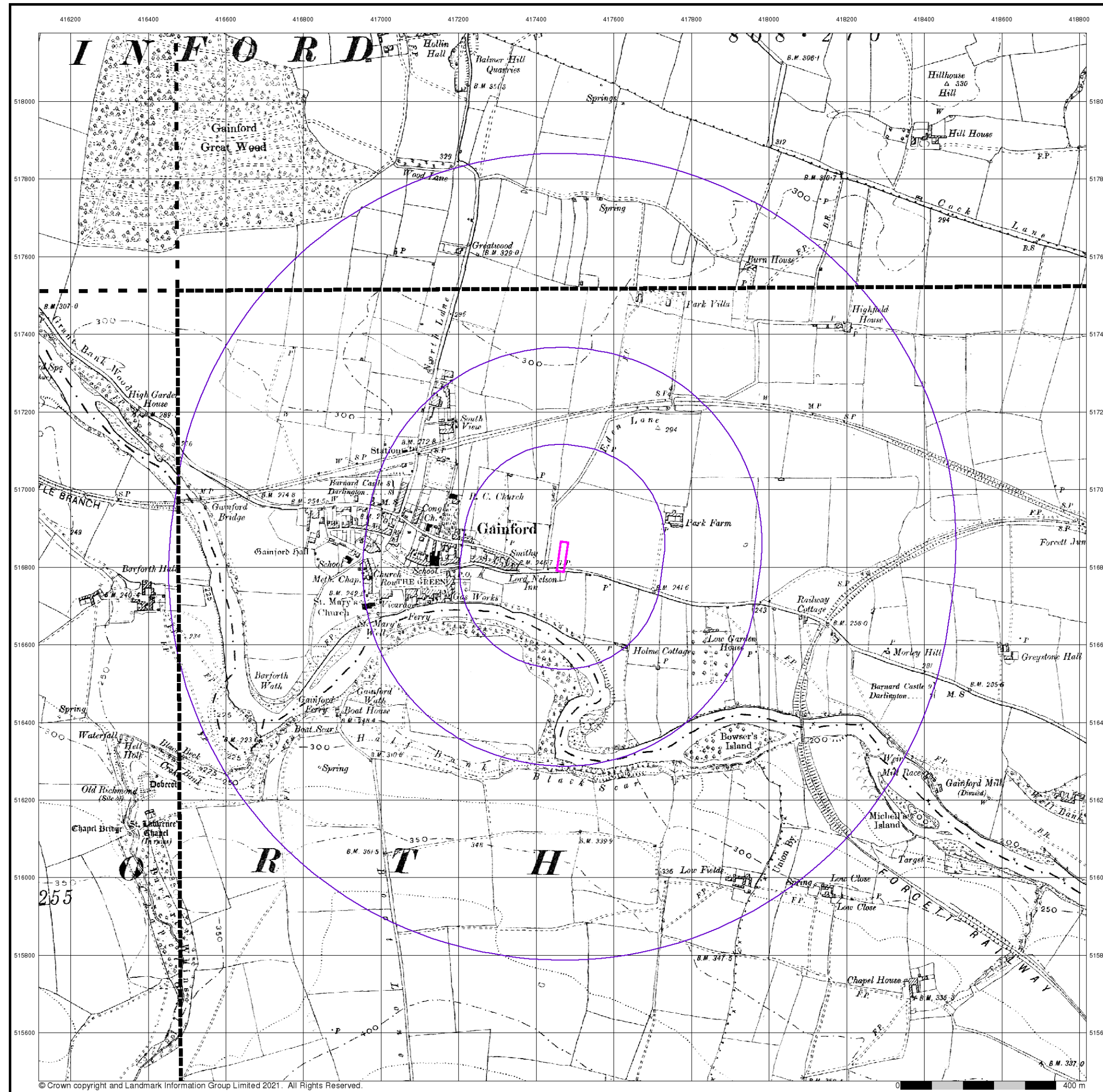
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

**Site Details**

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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



## Durham

Published 1898 - 1899

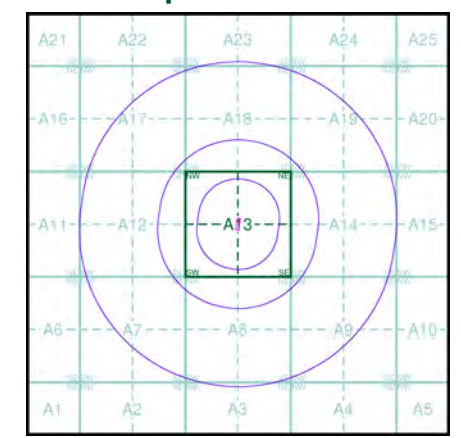
Source map scale - 1:10,560

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)

047SE 1899 1:10,560	048SW 1898 1:10,560
053NE 1899 1:10,560	054NW 1899 1:10,560

### Historical Map - Slice A



### Order Details

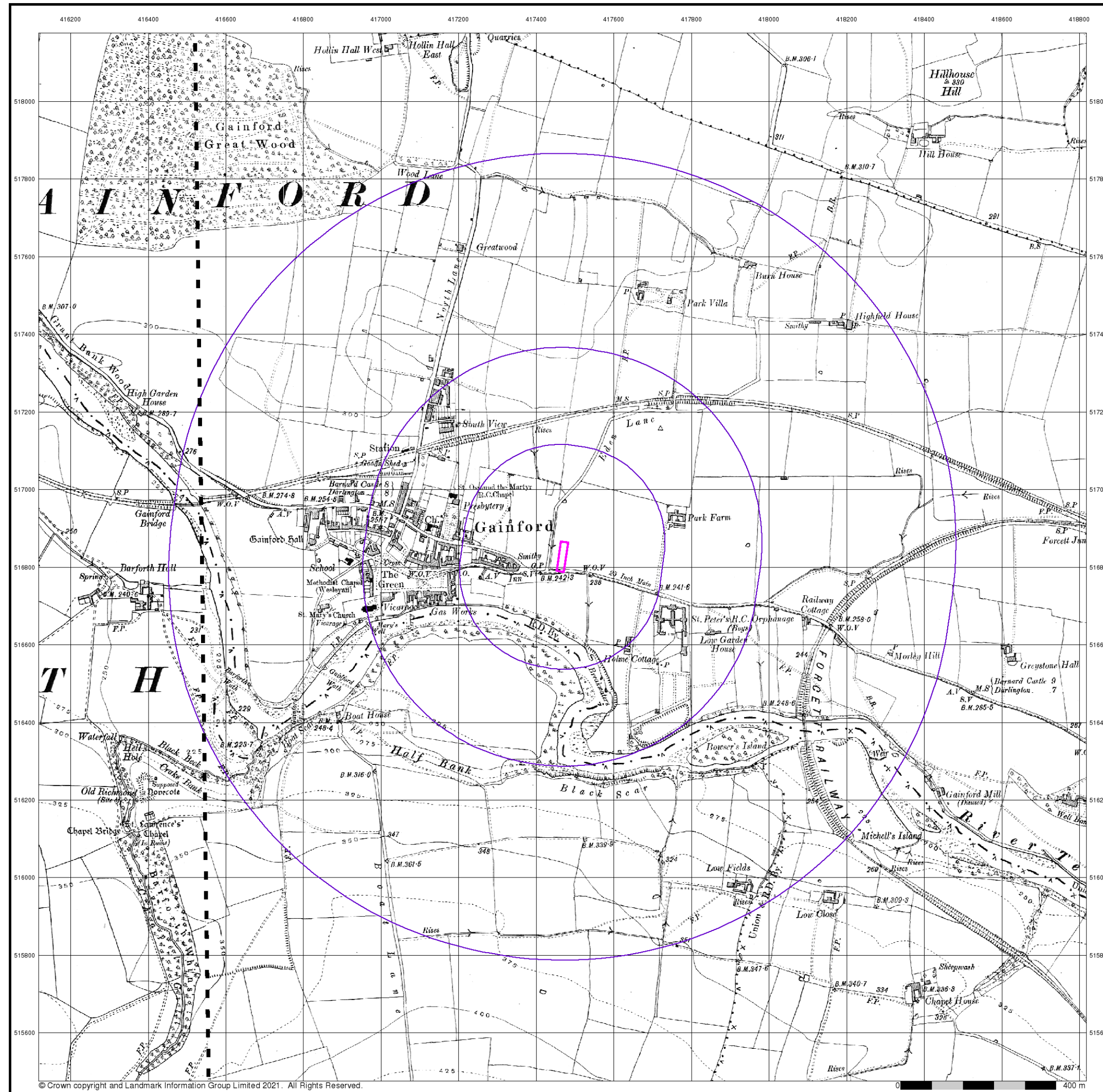
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

### Site Details

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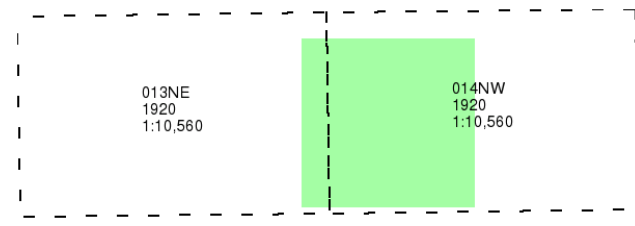
**Yorkshire**

**Published 1920**

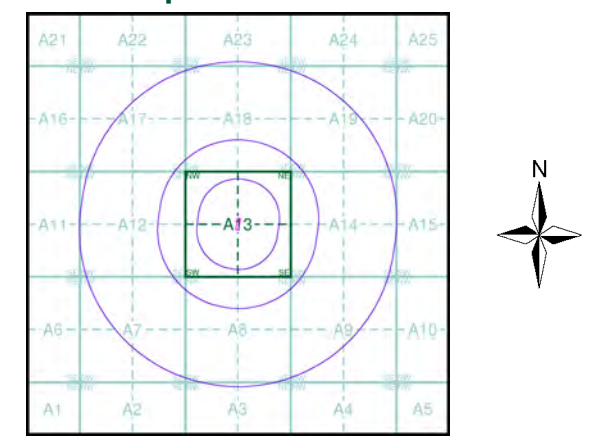
**Source map scale - 1:10,560**

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

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



**Historical Map - Slice A**



**Order Details**

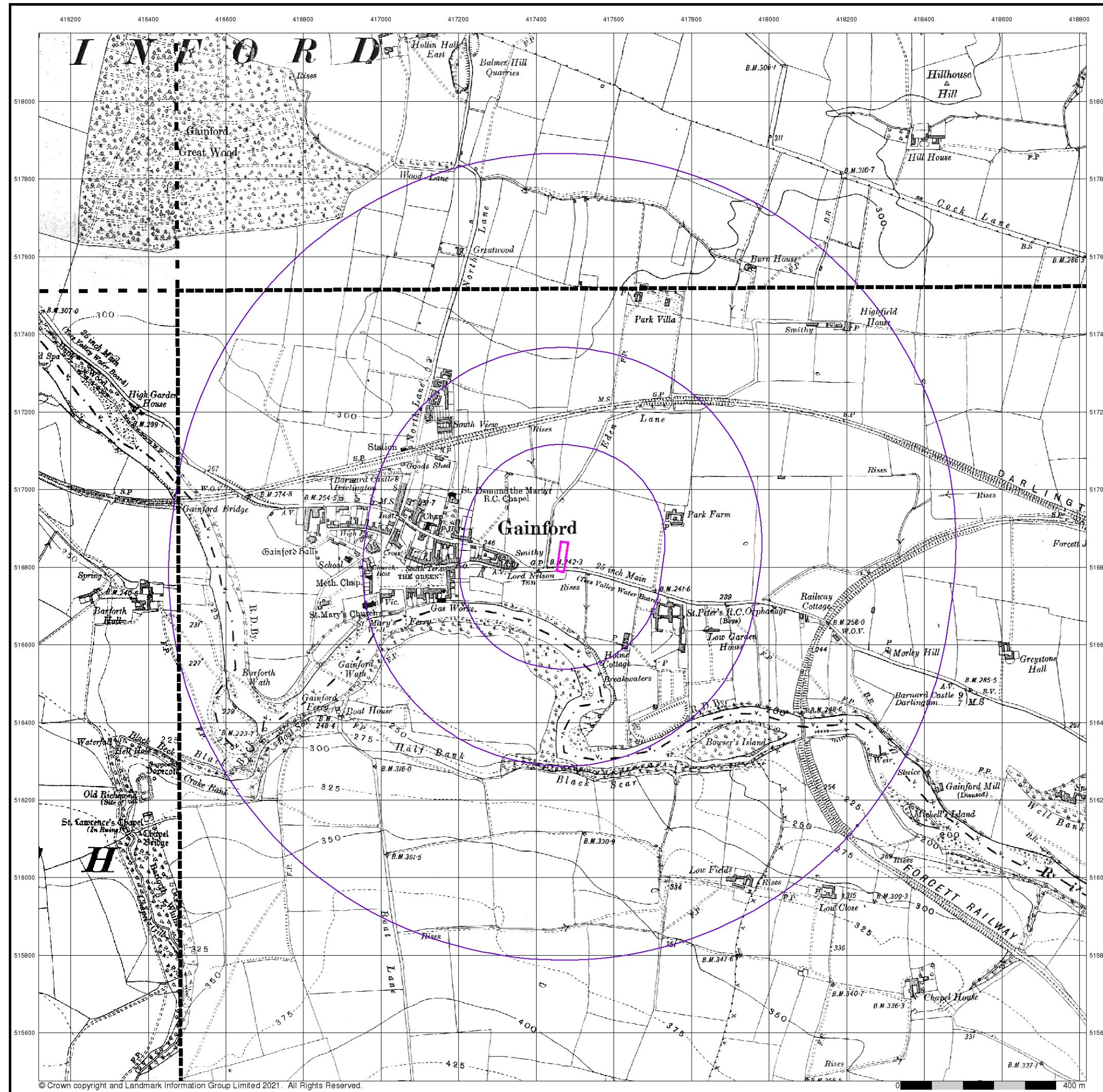
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

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## Durham

Published 1923 - 1924

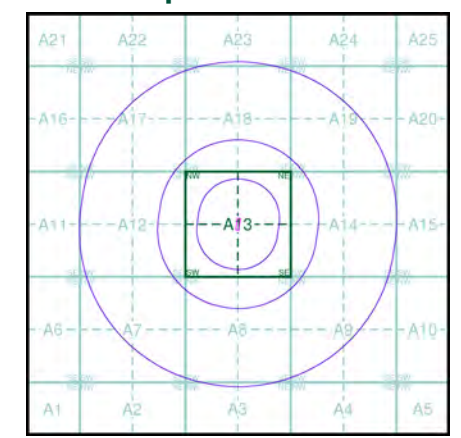
Source map scale - 1:10,560

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)

047SE	048SW
1923	1923
1:10,560	1:10,560
054NW	
1924	
1:10,560	
05300	
1924	
1:10,560	

### Historical Map - Slice A



### Order Details

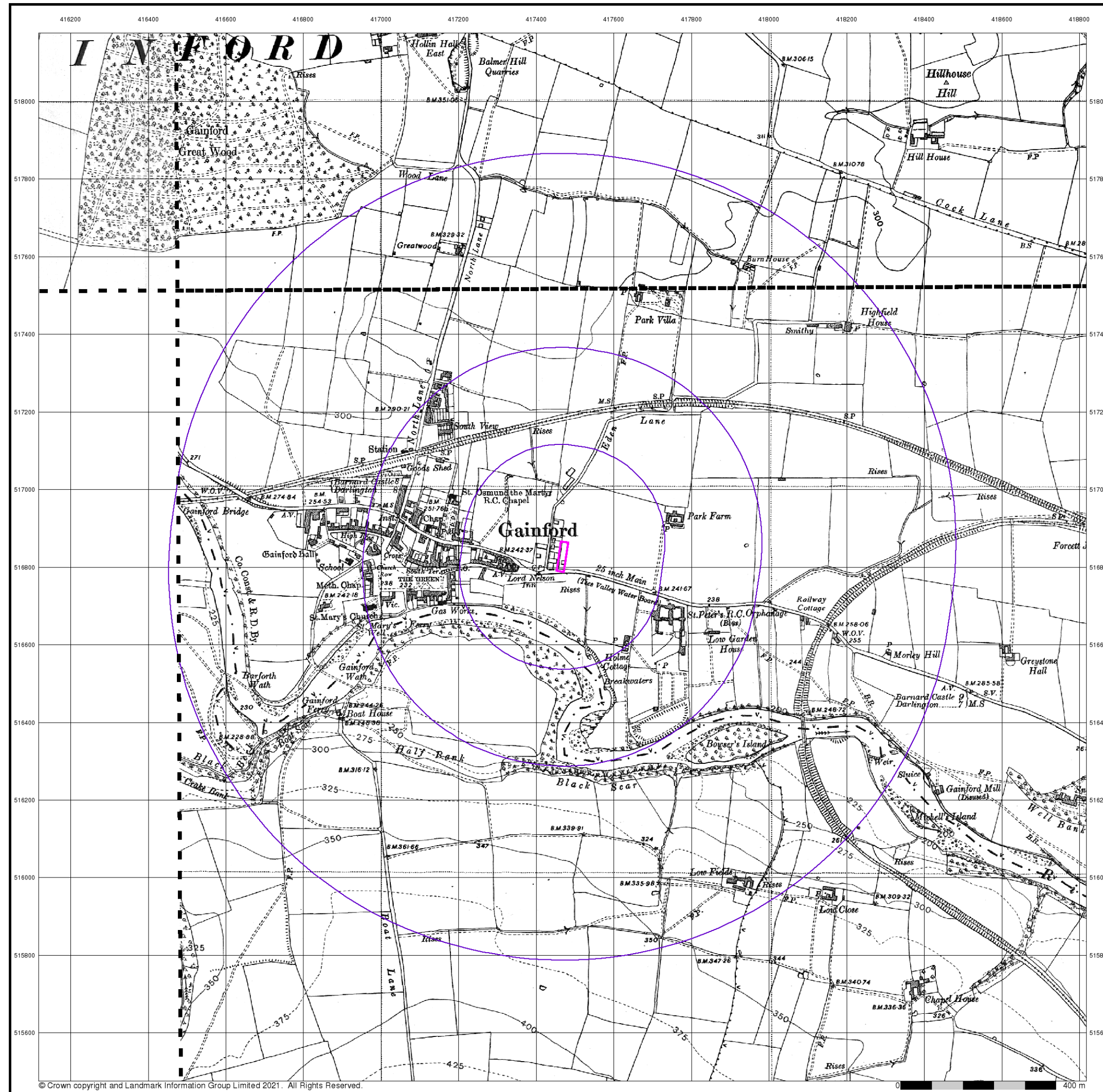
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
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## Durham

Published 1951

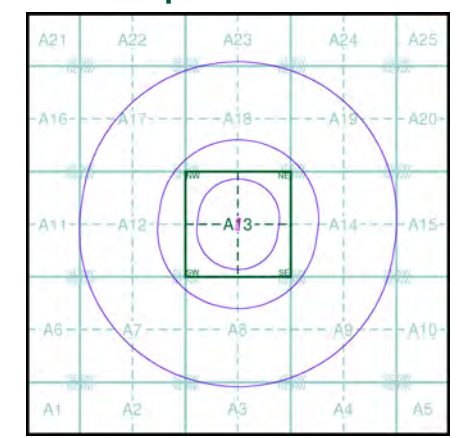
Source map scale - 1:10,560

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)

047SE 1951 1:10,560	048SW 1951 1:10,560
	054NW 1951 1:10,560

### Historical Map - Slice A



### Order Details

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

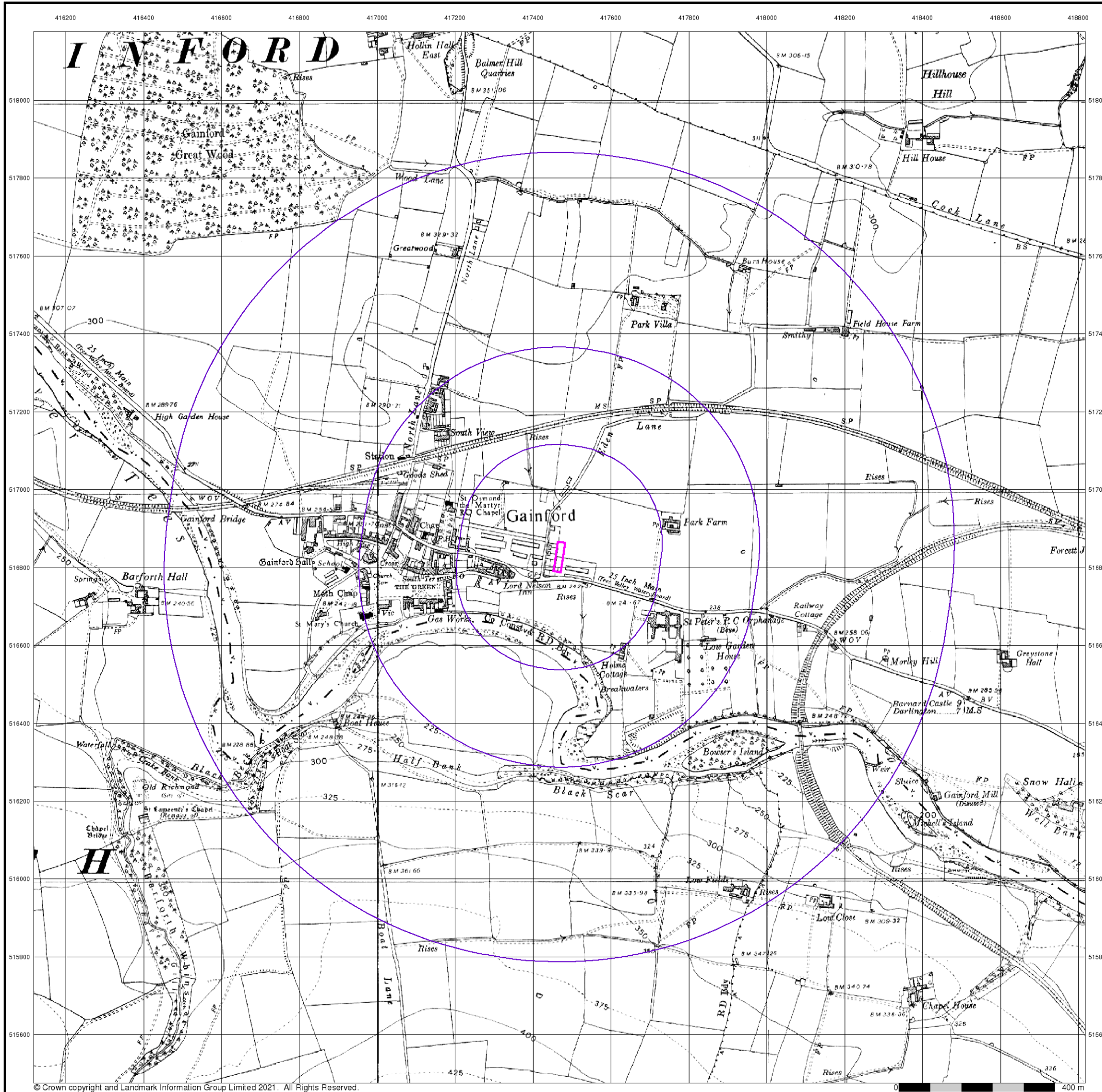
### Site Details

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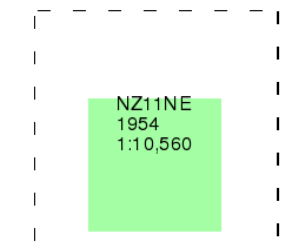
## Ordnance Survey Plan

Published 1954

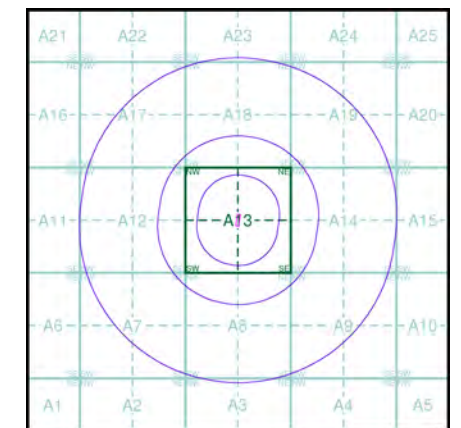
Source map scale - 1:10,000

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

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



### Historical Map - Slice A



### Order Details

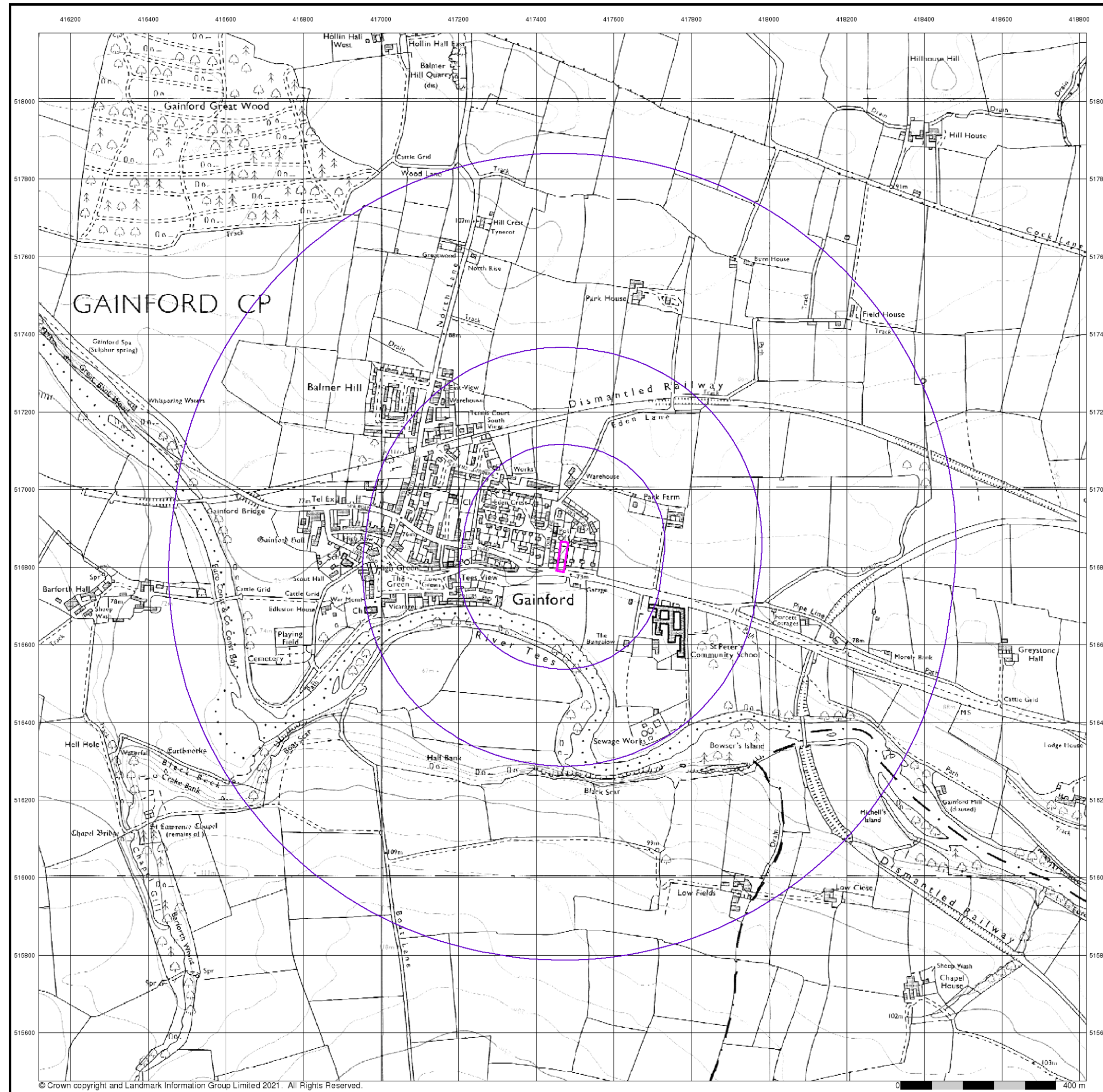
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

### Site Details

27, Main Road, Gainford, DARLINGTON, DL2 3BE



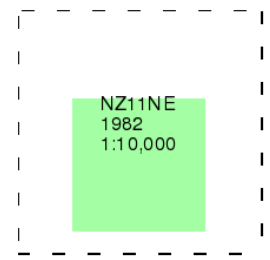
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



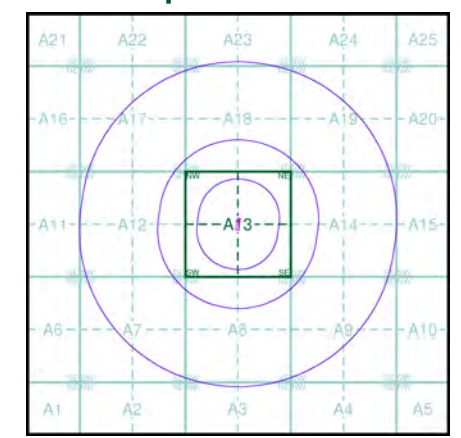
**Ordnance Survey Plan**  
**Published 1982**  
**Source map scale - 1:10,000**

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

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



**Historical Map - Slice A**



**Order Details**

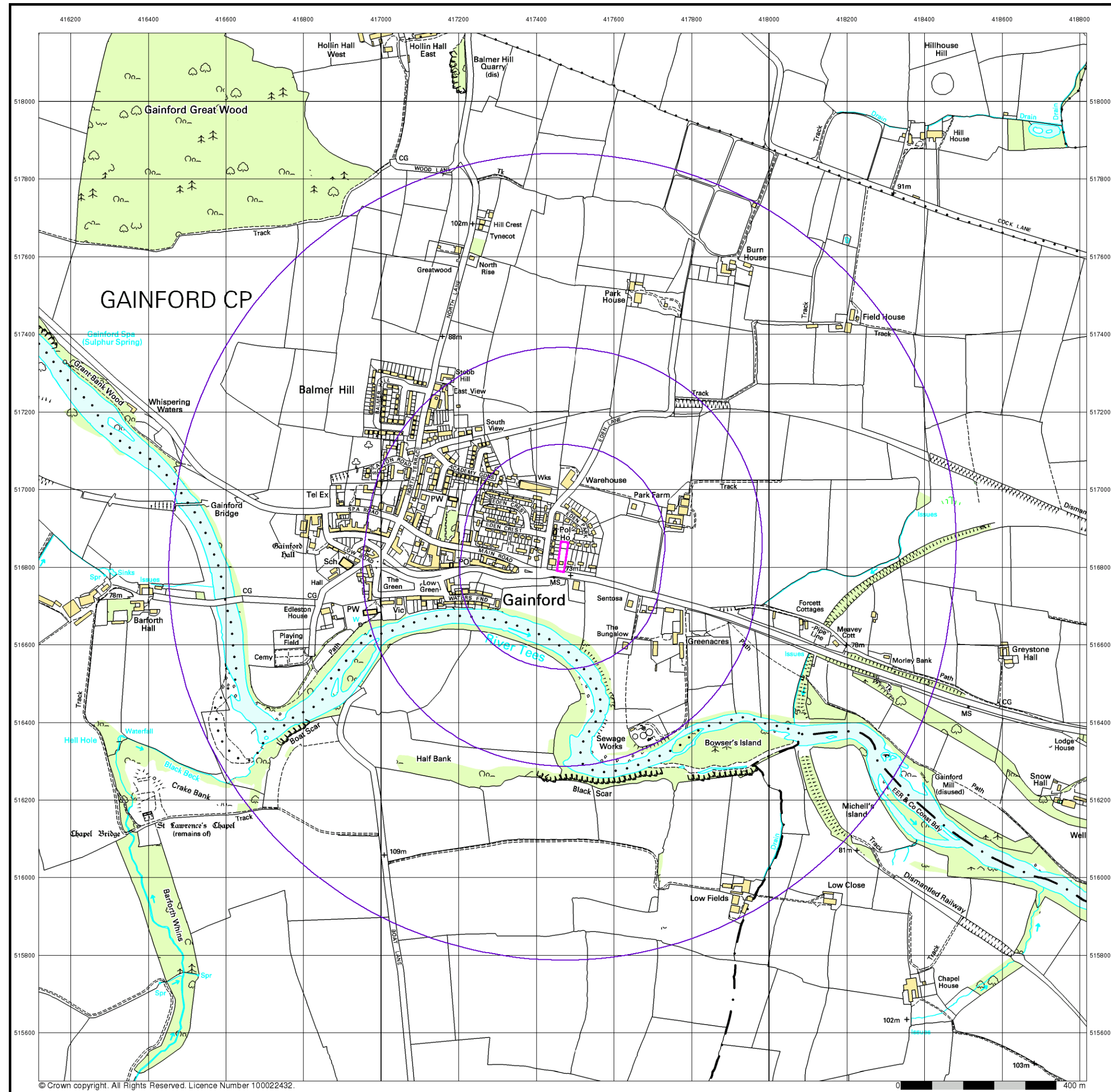
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
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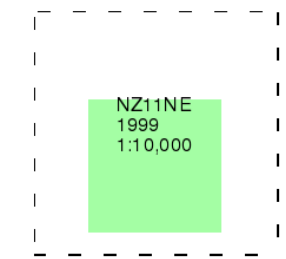
© Crown copyright. All Rights Reserved. Licence Number 100022432.



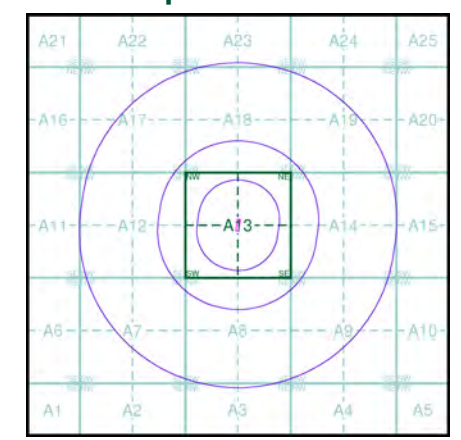
**10k Raster Mapping**  
**Published 1999**  
**Source map scale - 1:10,000**

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

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



**Historical Map - Slice A**



**Order Details**

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

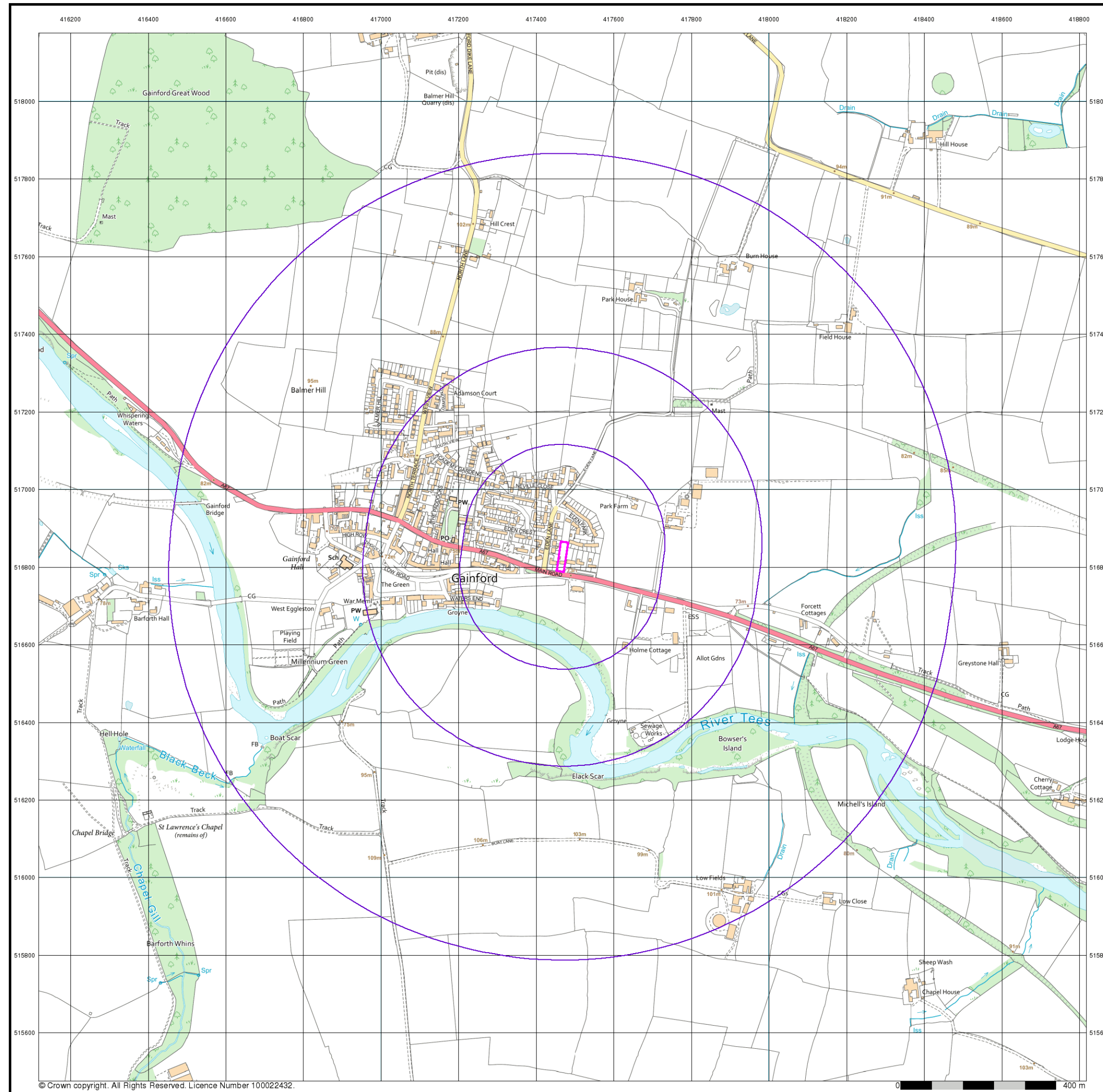
**Site Details**

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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

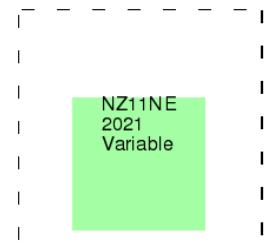




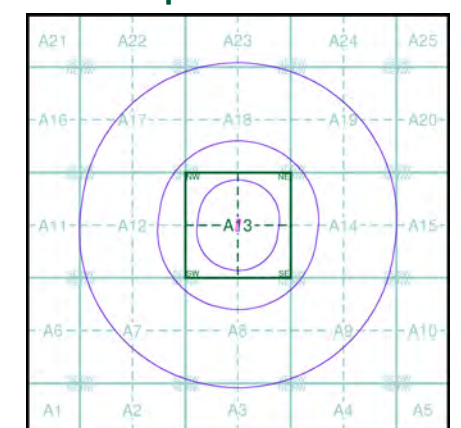
**VectorMap Local**  
**Published 2021**  
**Source map scale - 1:10,000**

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)**



**Historical Map - Slice A**



**Order Details**

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

**Site Details**

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# Historical Mapping Legends

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

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

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

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

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

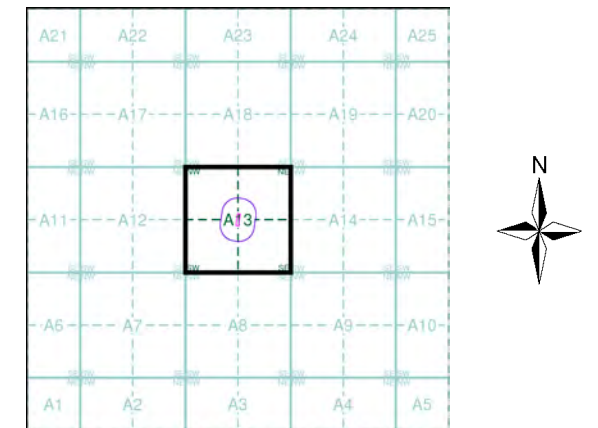
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Durham	1:2,500	1858	2
Yorkshire	1:2,500	1893	3
Durham	1:2,500	1897	4
Yorkshire	1:2,500	1914	5
Durham	1:2,500	1914	6
Ordnance Survey Plan	1:2,500	1975 - 1976	7
Additional SIMs	1:2,500	1979 - 1985	8
Additional SIMs	1:2,500	1989	9
Large-Scale National Grid Data	1:2,500	1994	10
Historical Aerial Photography	1:2,500	2000	11

## Historical Map - Segment A13



## Order Details

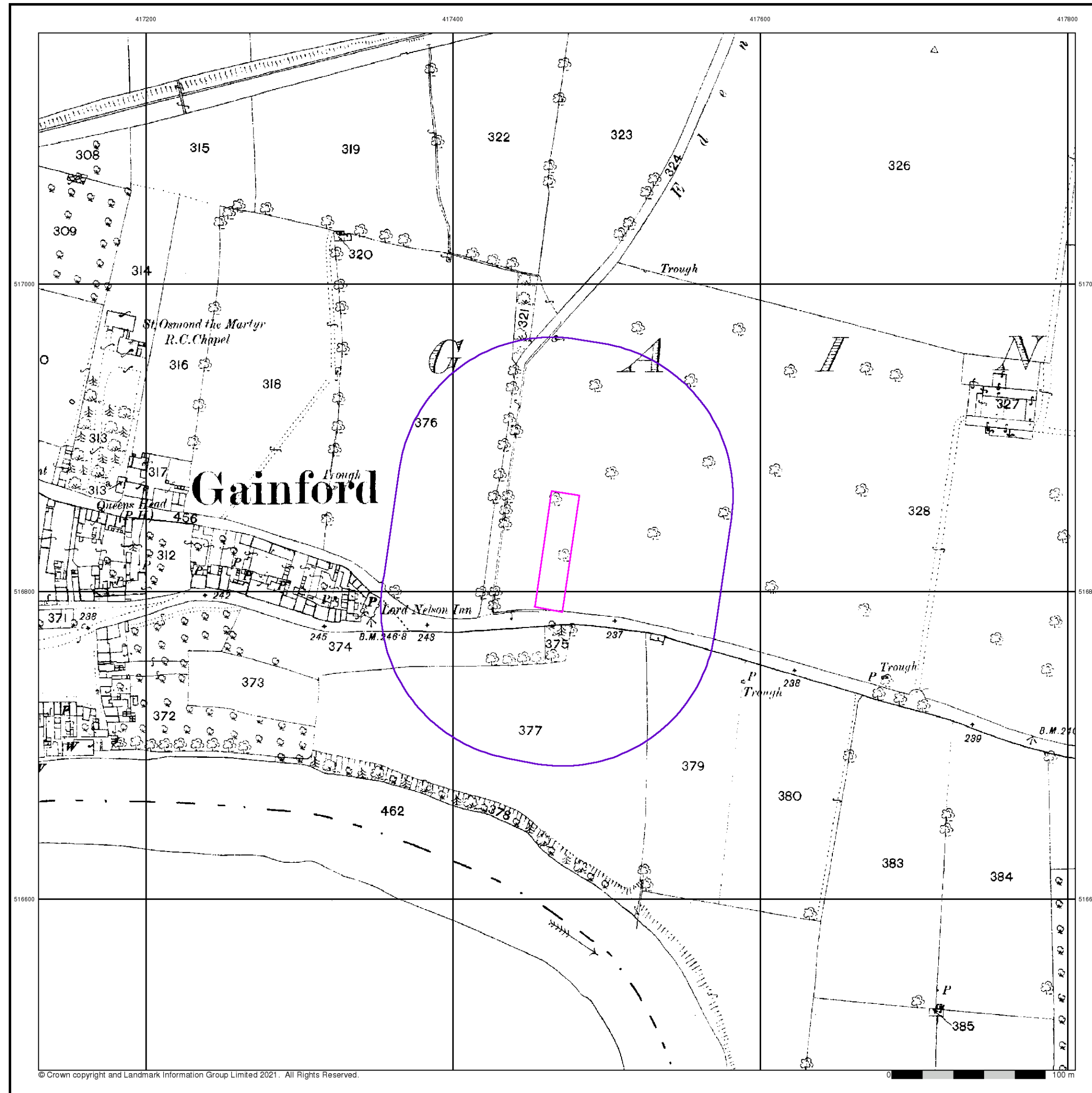
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 100

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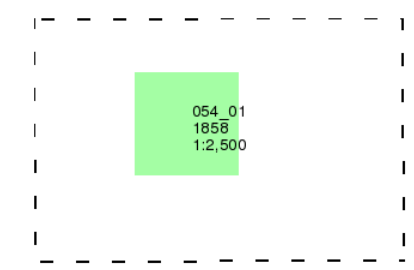
**Durham**

**Published 1858**

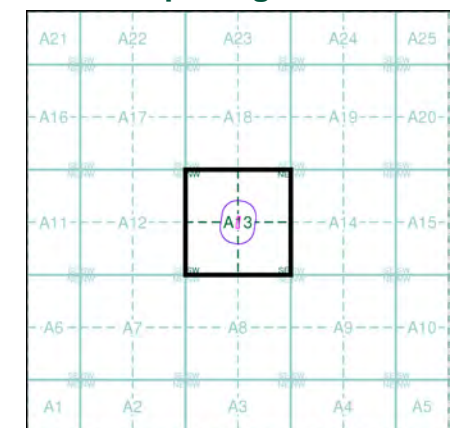
**Source map scale - 1:2,500**

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: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
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417200

417400

417600

417800

517000

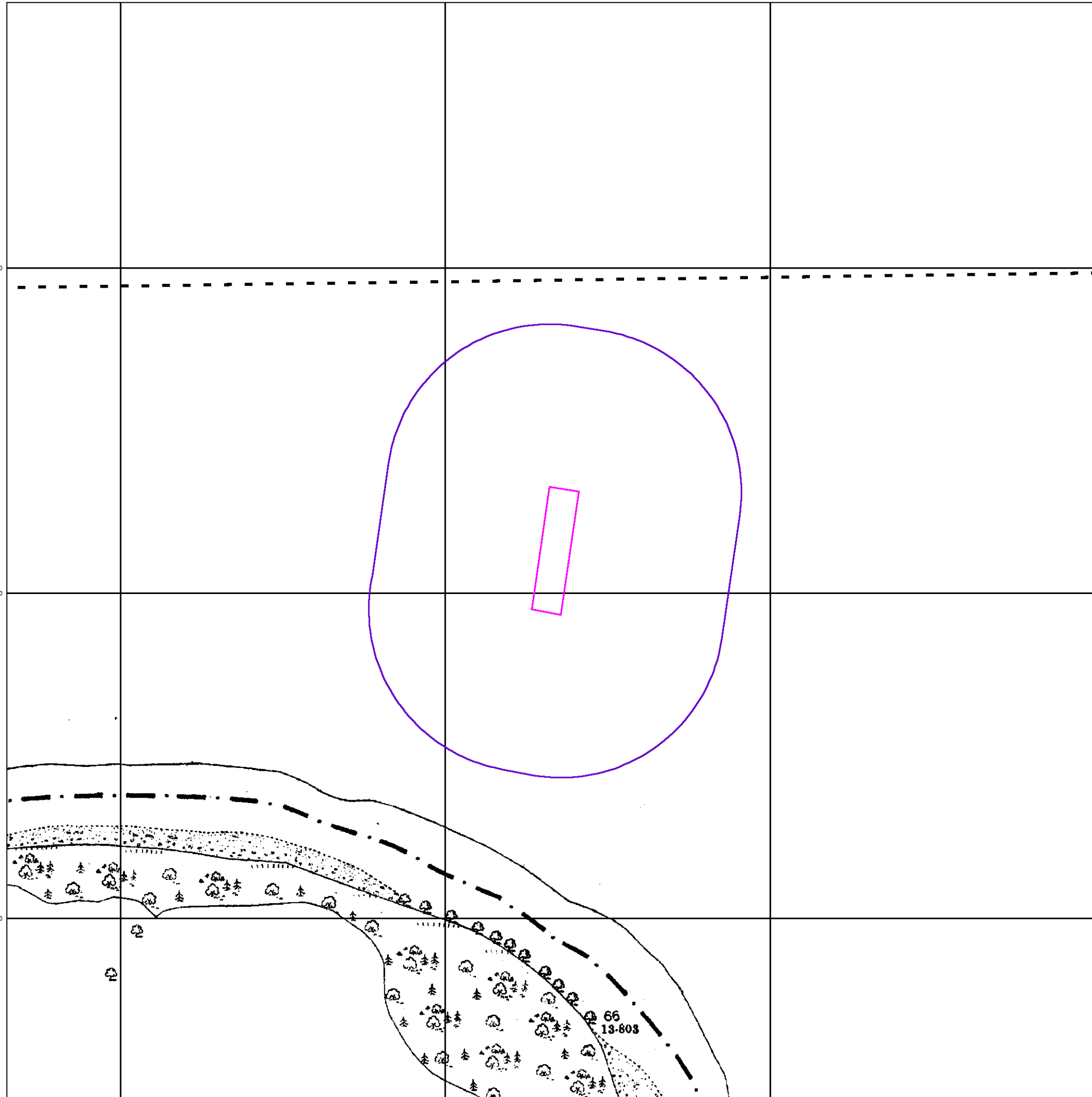
517000

516800

516800

516600

516600



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0 100 m



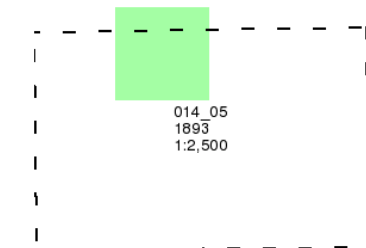
### Yorkshire

Published 1893

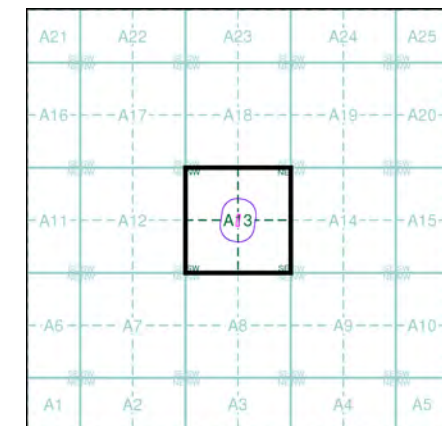
Source map scale - 1:2,500

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: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 100

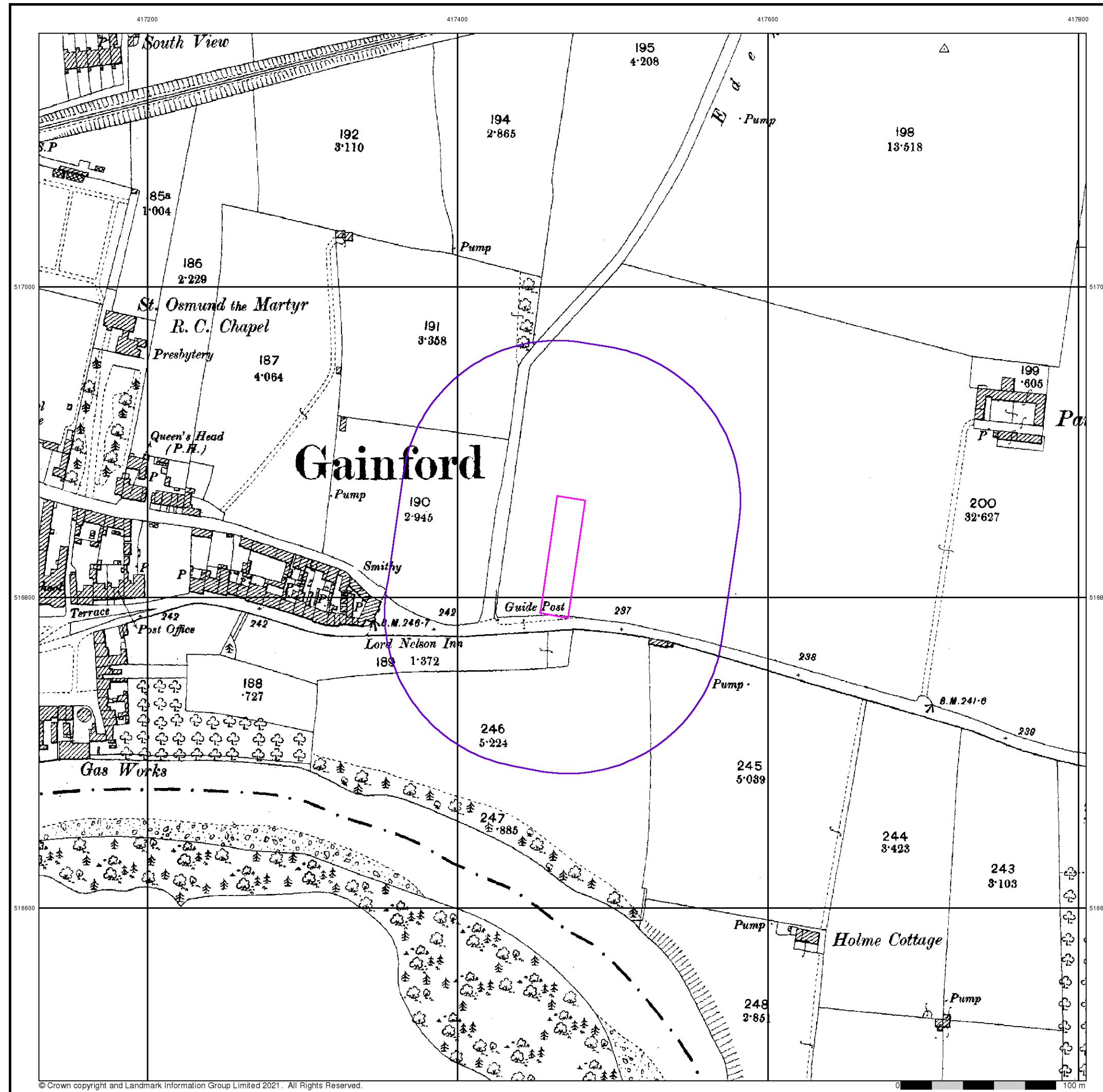
### Site Details

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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

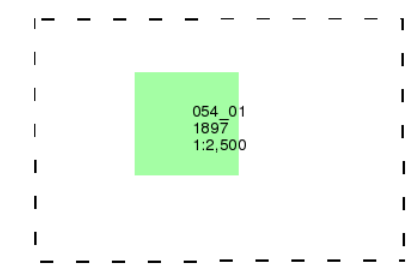




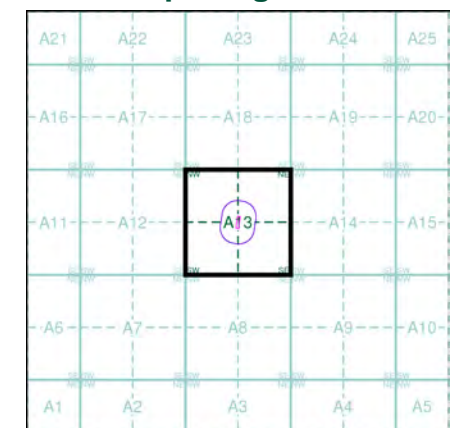
**Durham**  
**Published 1897**  
**Source map scale - 1:2,500**

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)**



**Historical Map - Segment A13**



**Order Details**

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 100

**Site Details**

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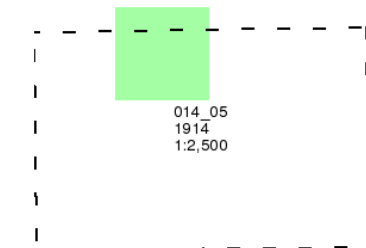
### Yorkshire

Published 1914

Source map scale - 1:2,500

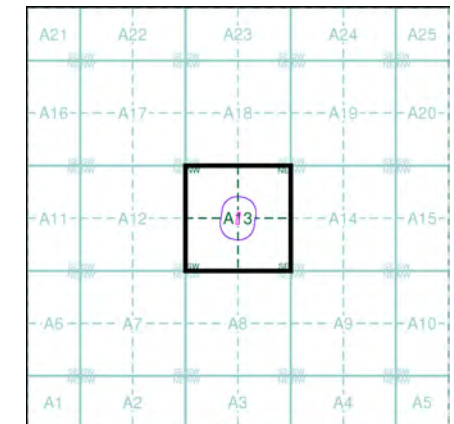
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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)



014\_05  
1914  
1:2,500

### Historical Map - Segment A13



### Order Details

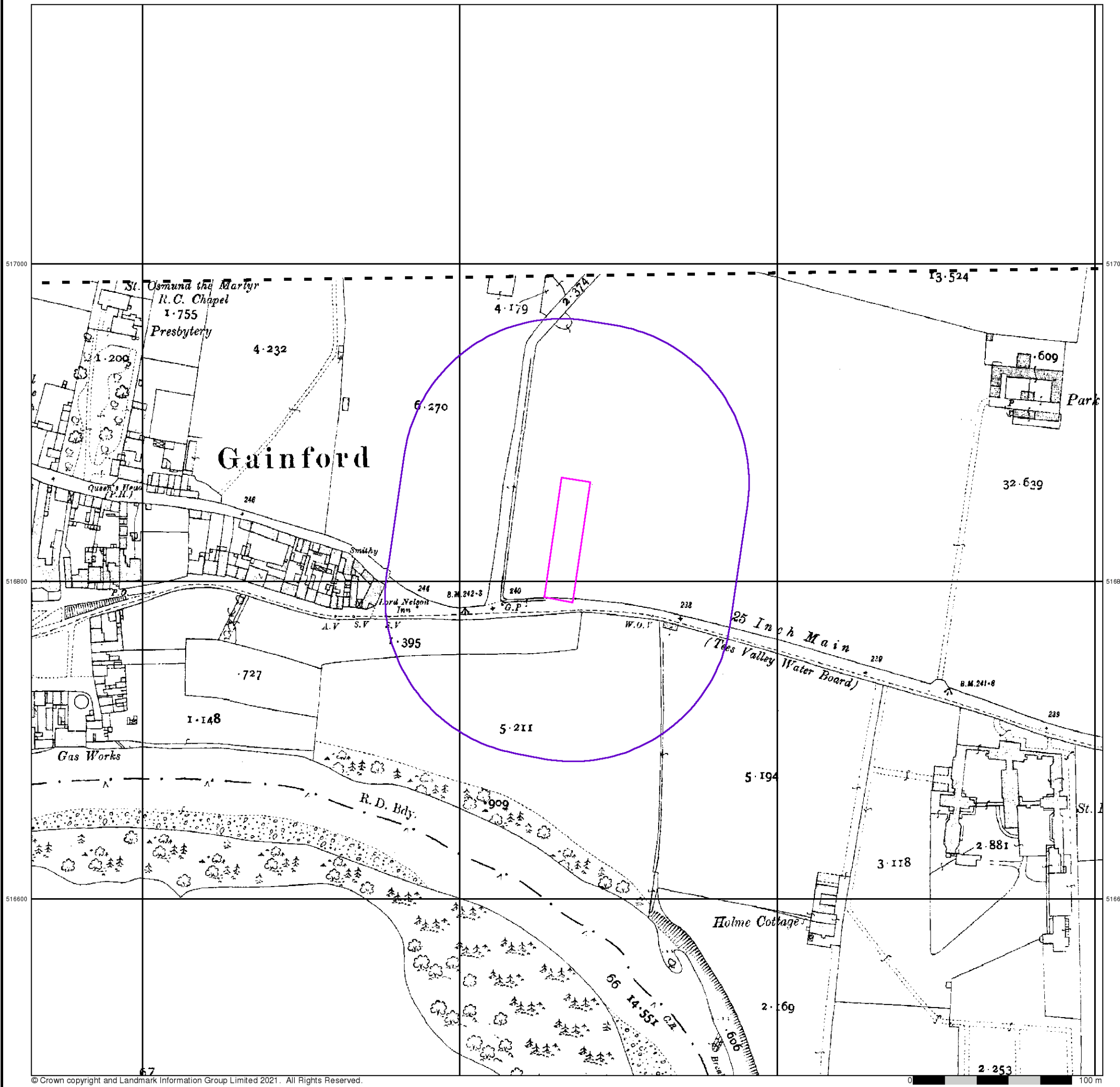
Order Number: 278665226\_1\_1  
Customer Ref: 21-378 PB  
National Grid Reference: 417470, 516830  
Slice: A  
Site Area (Ha): 0.15  
Search Buffer (m): 100

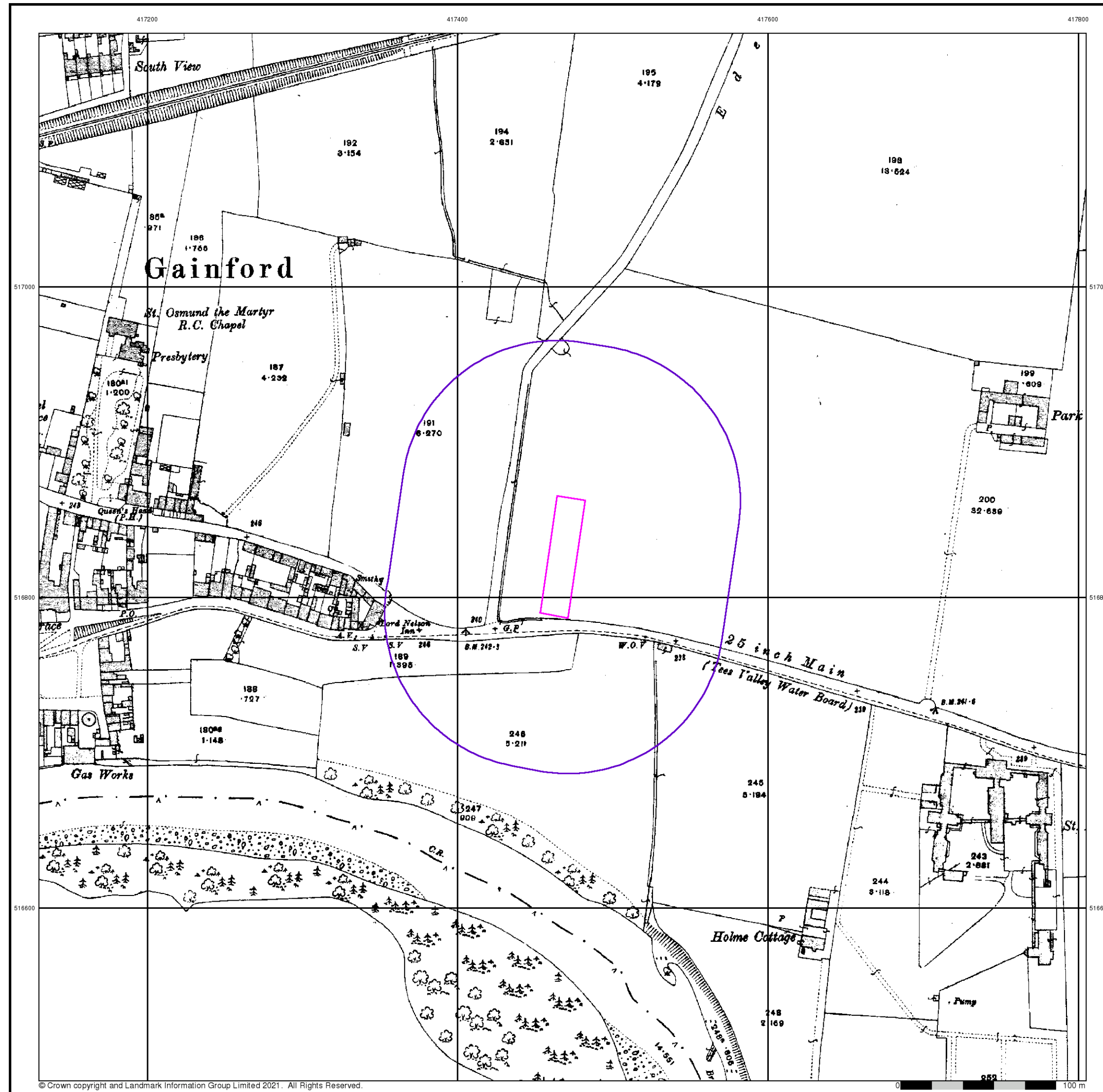
### Site Details

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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





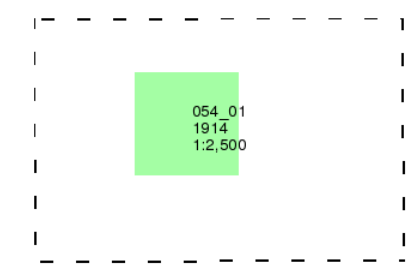
**Durham**

**Published 1914**

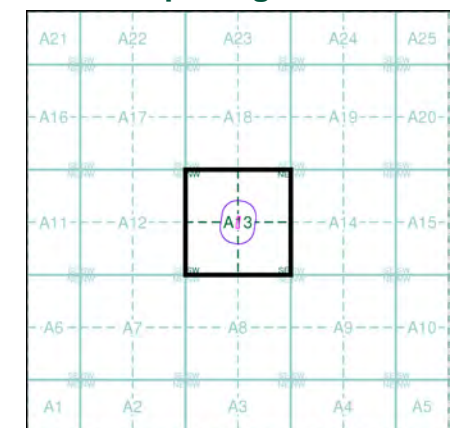
**Source map scale - 1:2,500**

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**

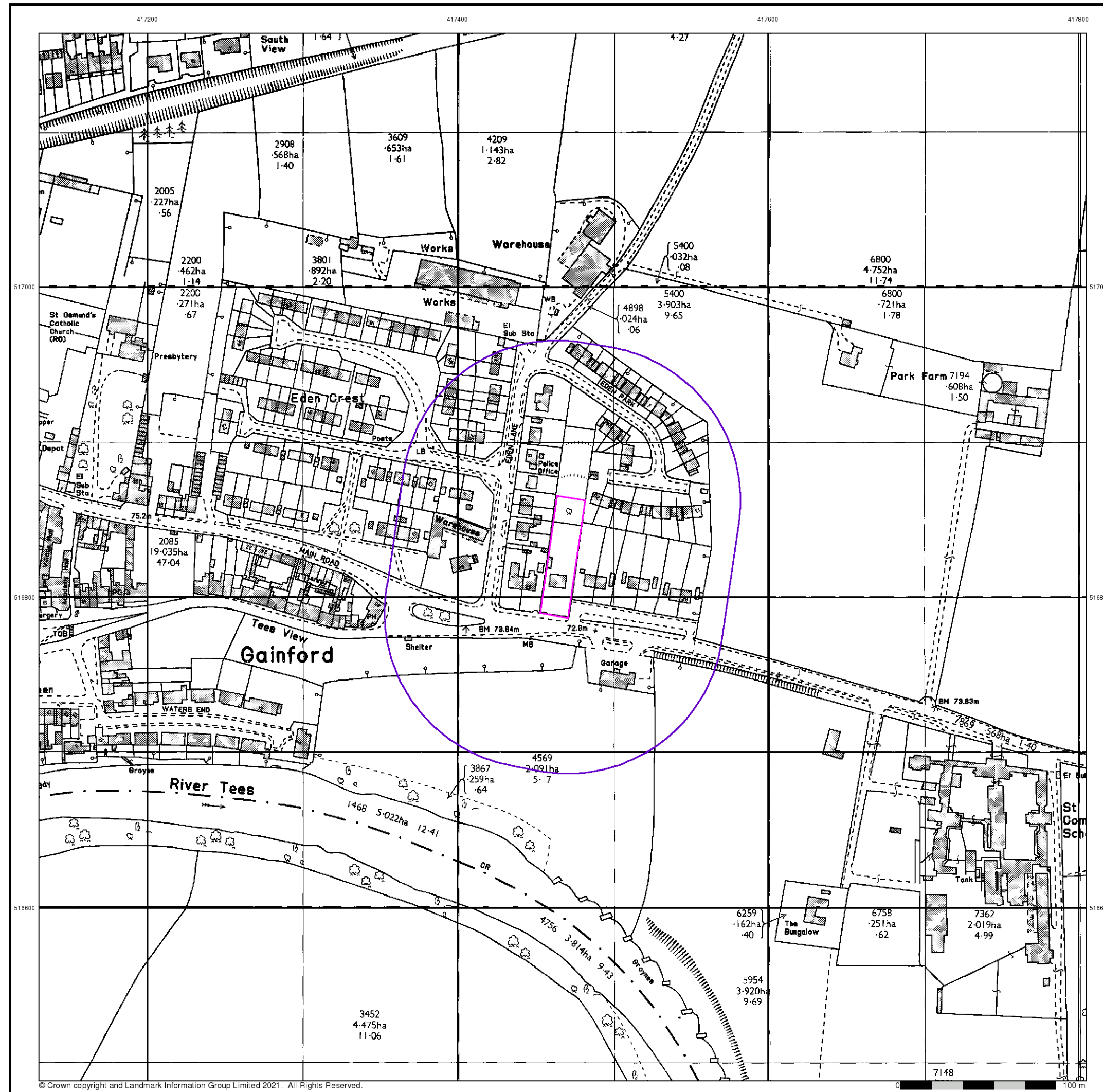
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 100

**Site Details**

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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 Web: www.envirocheck.co.uk



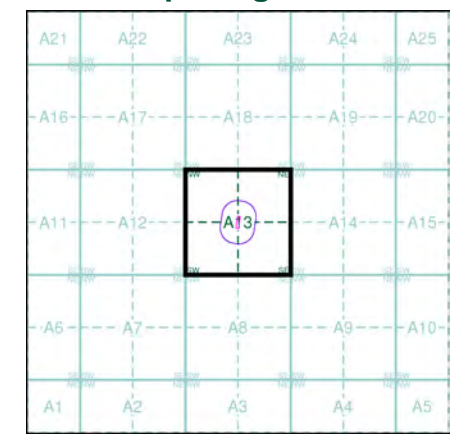
**Ordnance Survey Plan**  
**Published 1975 - 1976**  
**Source map scale - 1:2,500**

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)**

NZ1717	1976	1:2,500
NZ1716	1975	1:2,500

**Historical Map - Segment A13**



**Order Details**

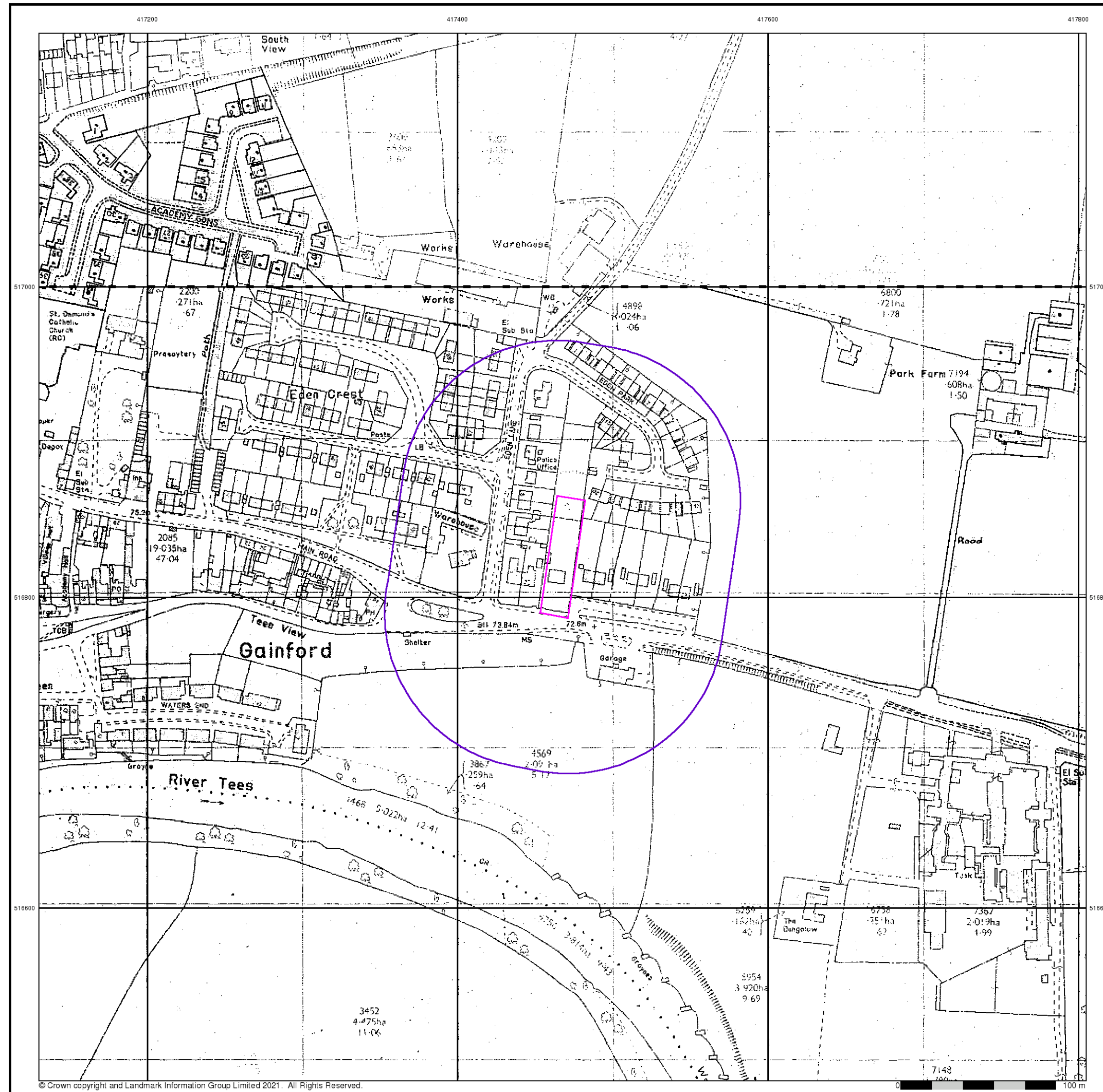
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 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 100

**Site Details**

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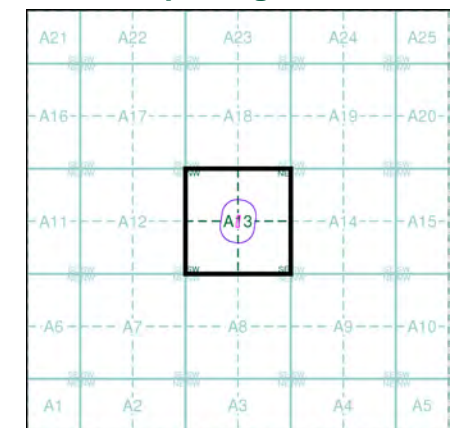
**Additional SIMs**  
**Published 1979 - 1985**  
**Source map scale - 1:2,500**

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)**

NZ1717	1979	1:2,500
NZ1716	1985	1:2,500

**Historical Map - Segment A13**



**Order Details**

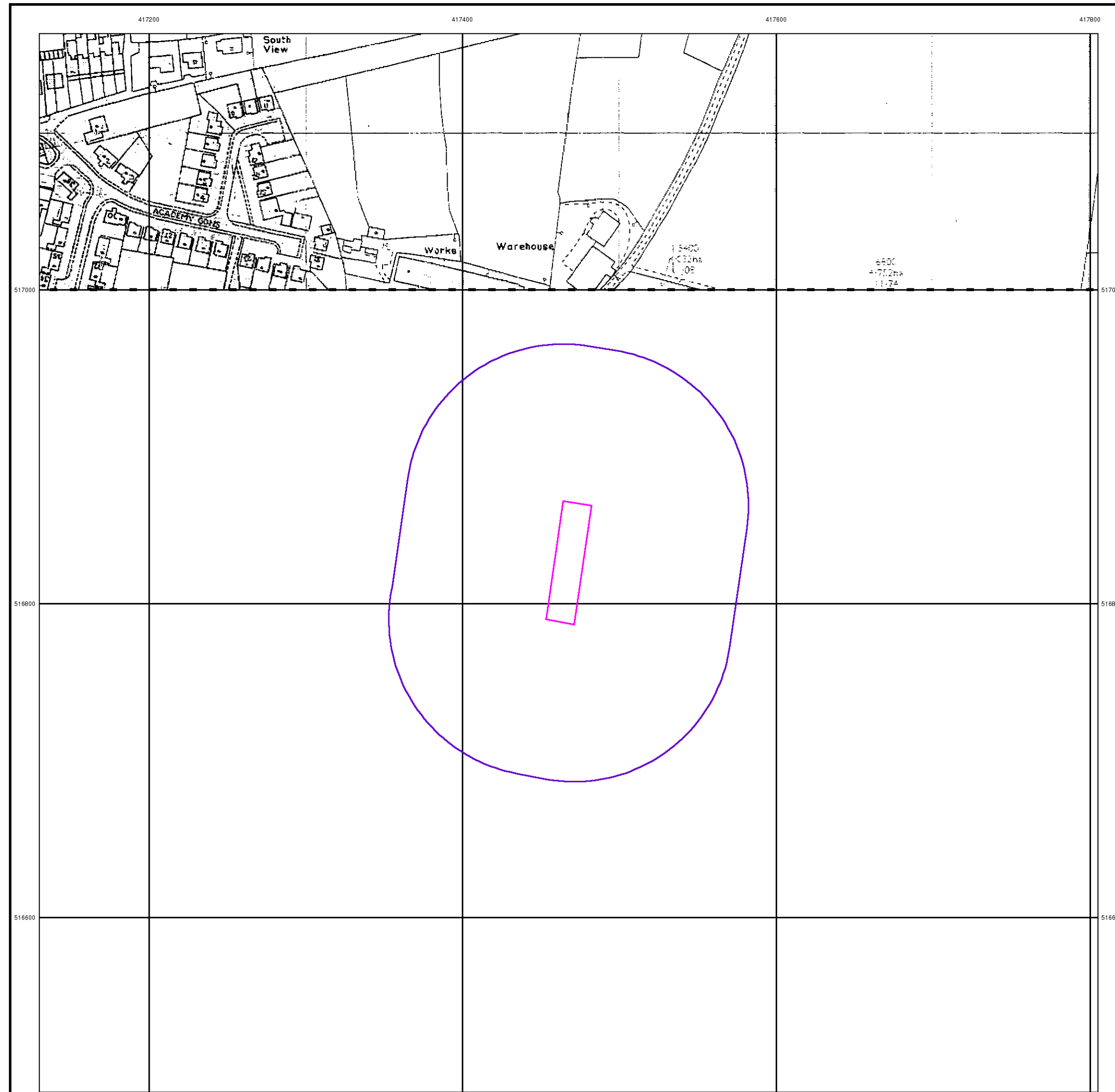
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 100

**Site Details**

27, Main Road, Gainford, DARLINGTON, DL2 3BE



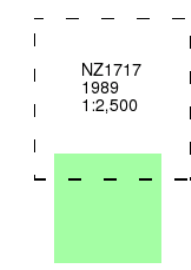
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



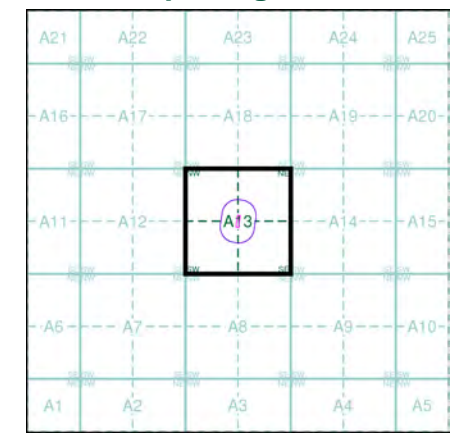
**Additional SIMs**  
**Published 1989**  
**Source map scale - 1:2,500**

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

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



**Historical Map - Segment A13**



**Order Details**

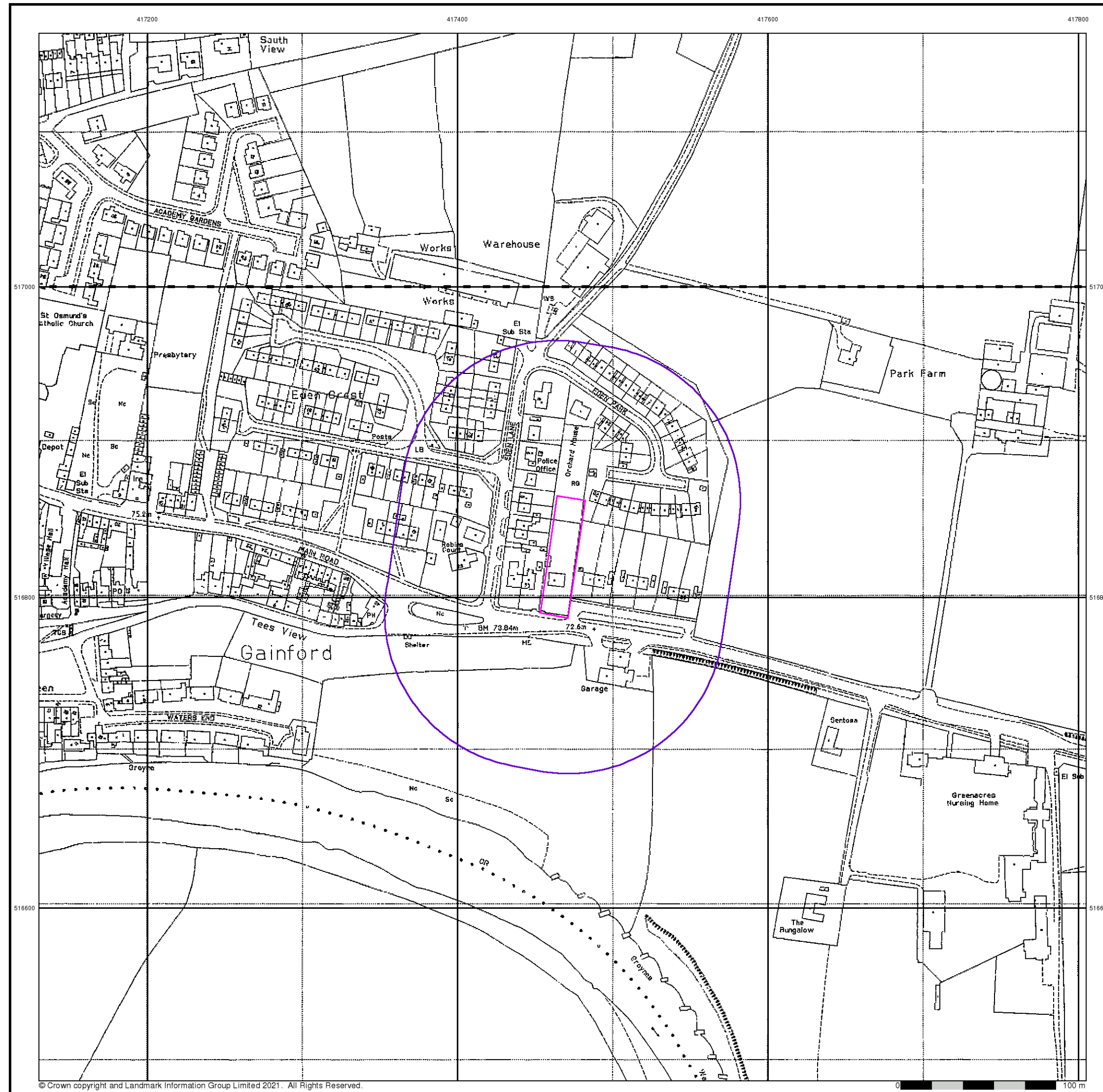
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 100

**Site Details**

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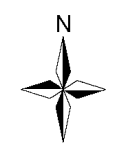
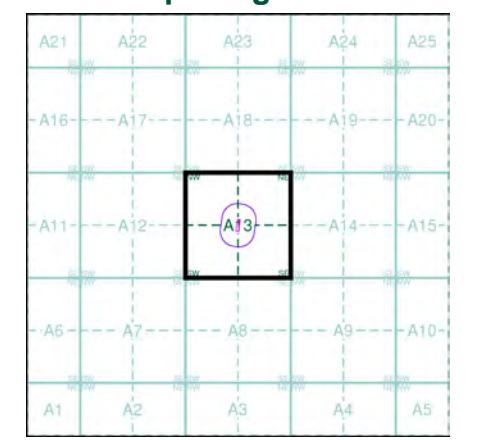
**Large-Scale National Grid Data**  
**Published 1994**  
**Source map scale - 1:2,500**

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

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

NZ1717	1994	1:2,500
NZ1716	1994	1:2,500

**Historical Map - Segment A13**



**Order Details**

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 100

**Site Details**

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 Web: www.envirocheck.co.uk

417200

417400

417600

417800



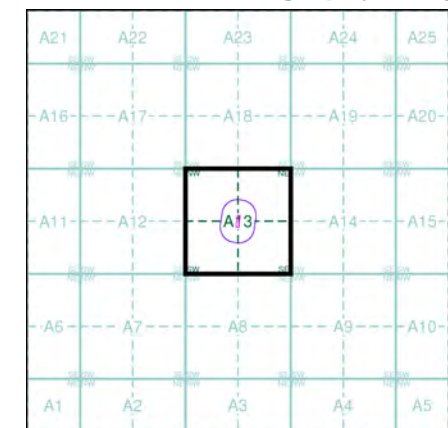
### Historical Aerial Photography

Published 2000

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: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 100

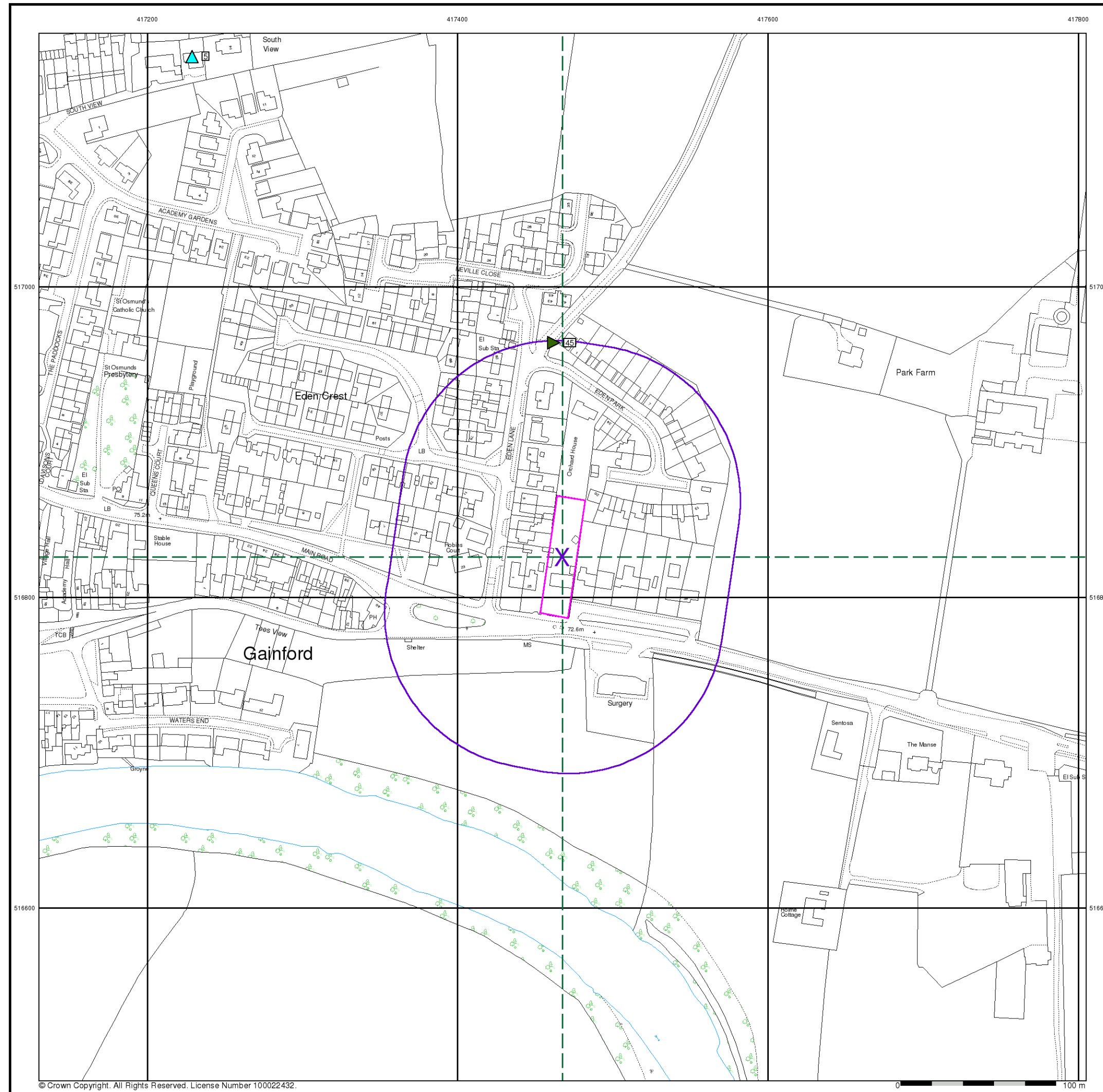
### Site Details

27, Main Road, Gainford, DARLINGTON, DL2 3BE



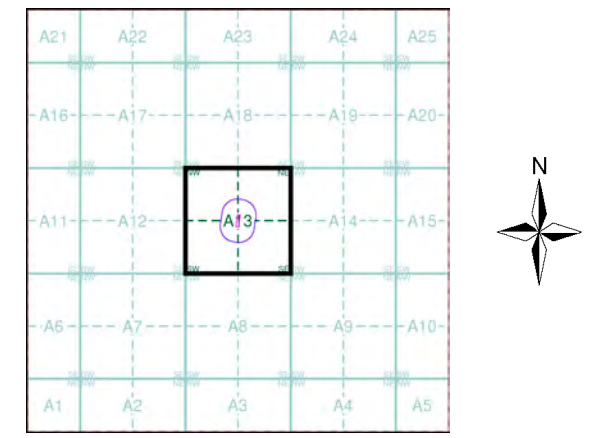
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk





- 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 Enforcement
  - 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 (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**



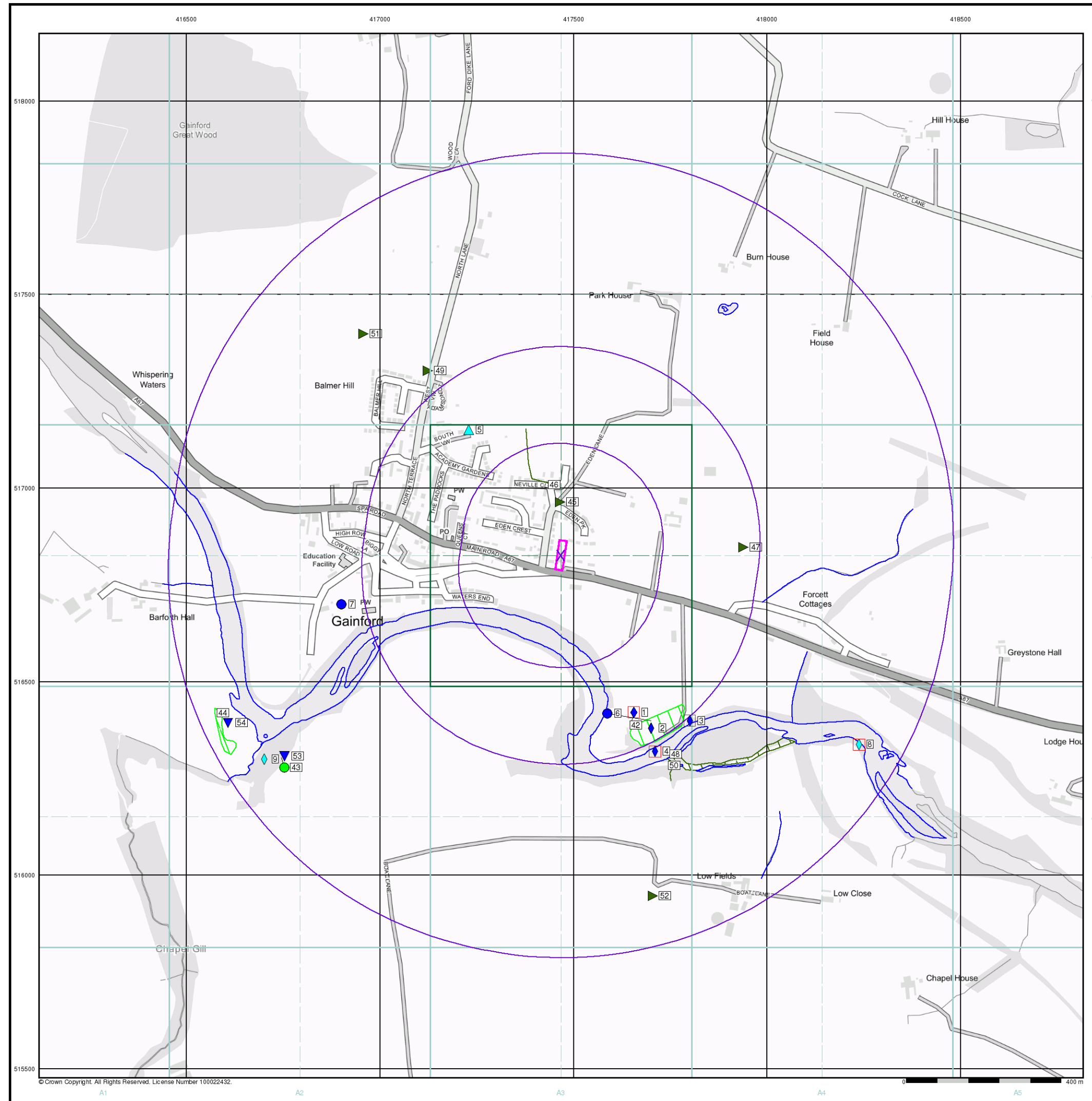
**Order Details**

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Plot Buffer (m): 100

**Site Details**  
 27, Main Road, Gainford, DARLINGTON, DL2 3BE

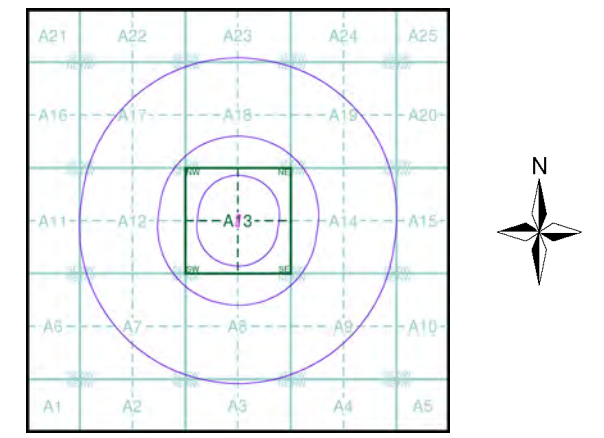
**Landmark**  
 INFORMATION GROUP

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



- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
- 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 (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
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
  - BGS Recorded Mineral Site

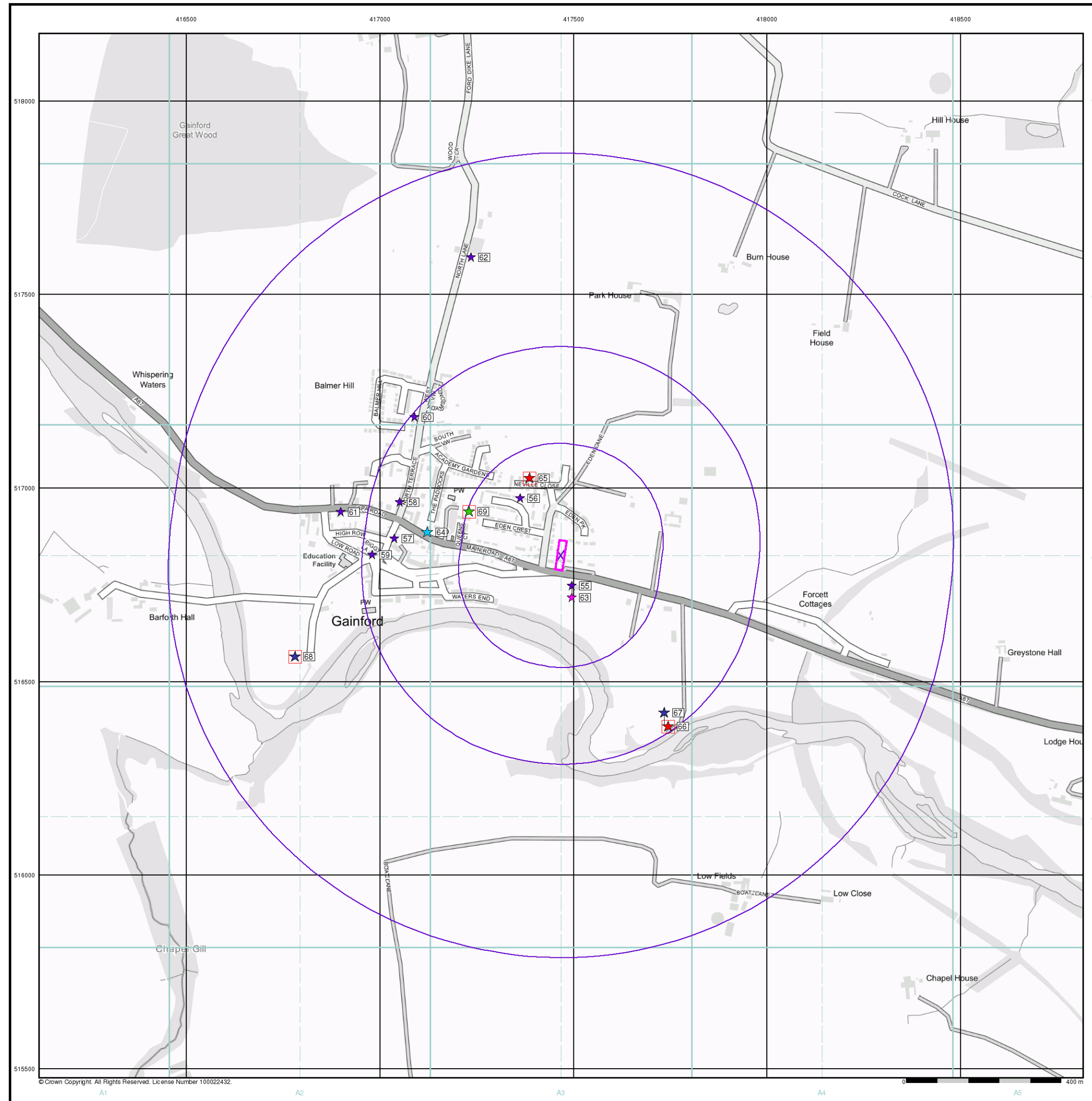
**Site Sensitivity Map - Slice A**



**Order Details**

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

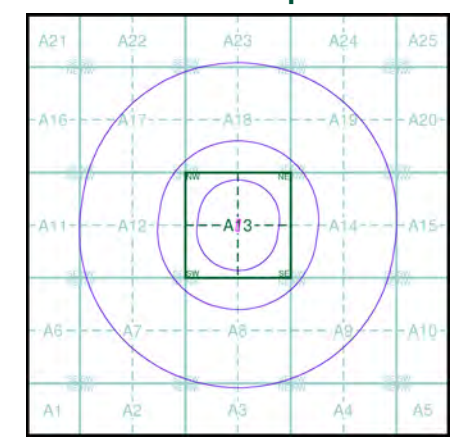
**Site Details**  
 27, Main Road, Gainford, DARLINGTON, DL2 3BE



### 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

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

### Site Details

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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



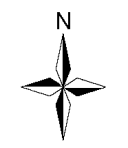
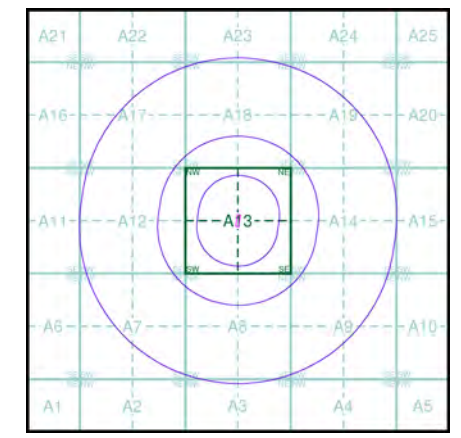
**General**

- 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**

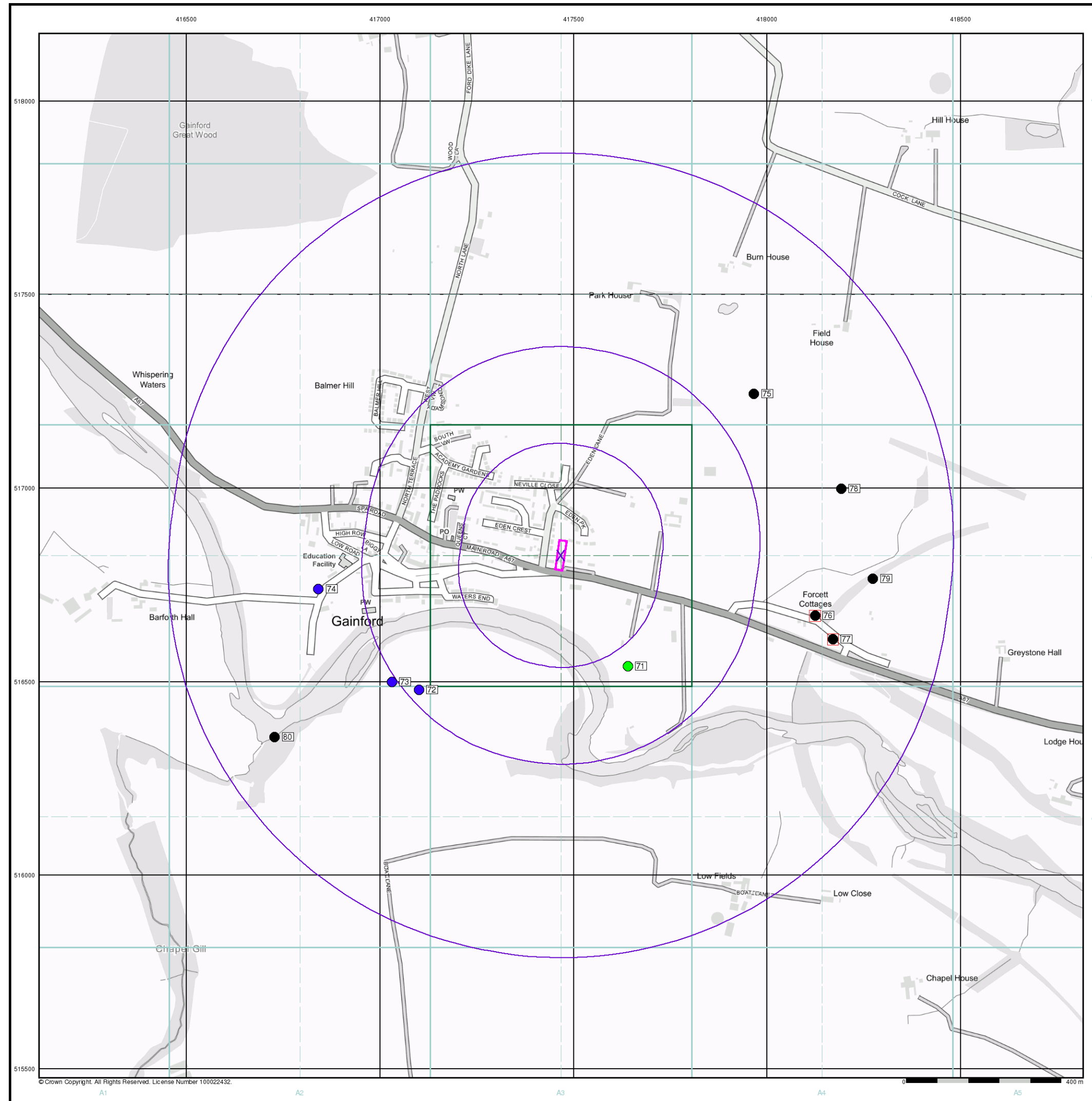
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

**Site Details**

27, Main Road, Gainford, DARLINGTON, DL2 3BE



Tel: 0844 844 9952  
 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

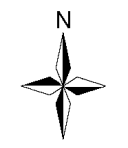
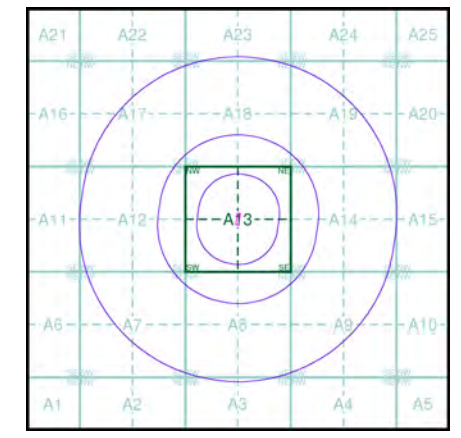
**Agency and Hydrological (Boreholes)**

- 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**

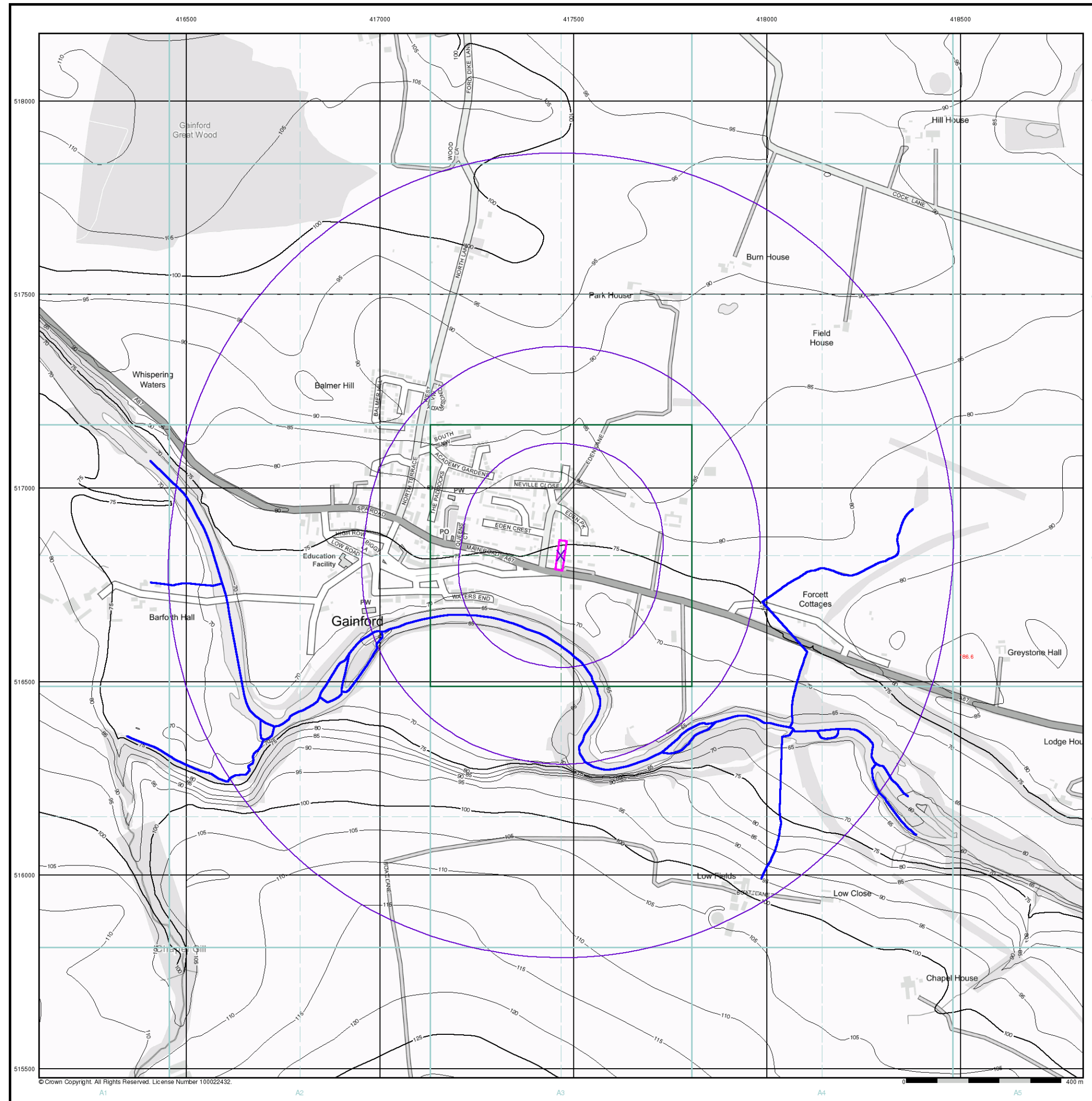
Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

**Site Details**

27, Main Road, Gainford, DARLINGTON, DL2 3BE



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

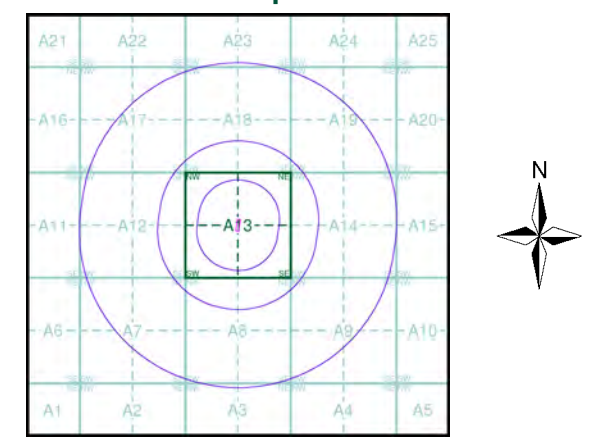


- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point

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

- Contours (height in meters)**
- Standard Contour 105
- Master Contour 100
- Spot Height 167.3
- Mean Low Water
- Mean High Water

**OS Water Network Map - Slice A**

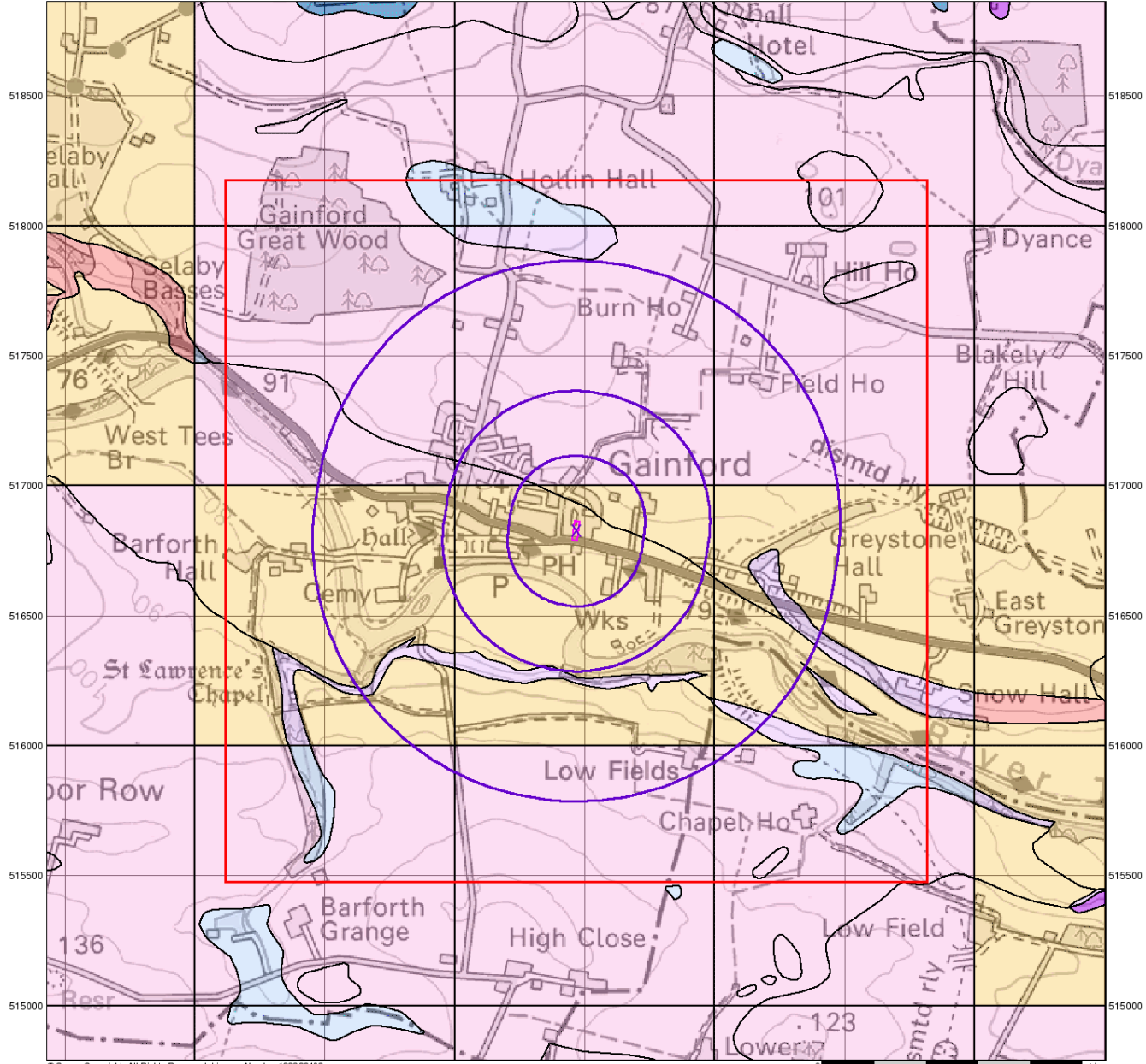


**Order Details**

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 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

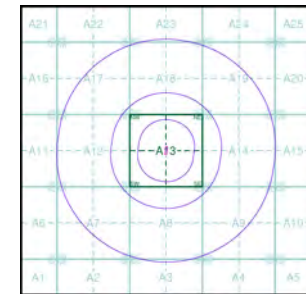
#### Bedrock Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer
- Unproductive Aquifer
- Soluble Rock

#### Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

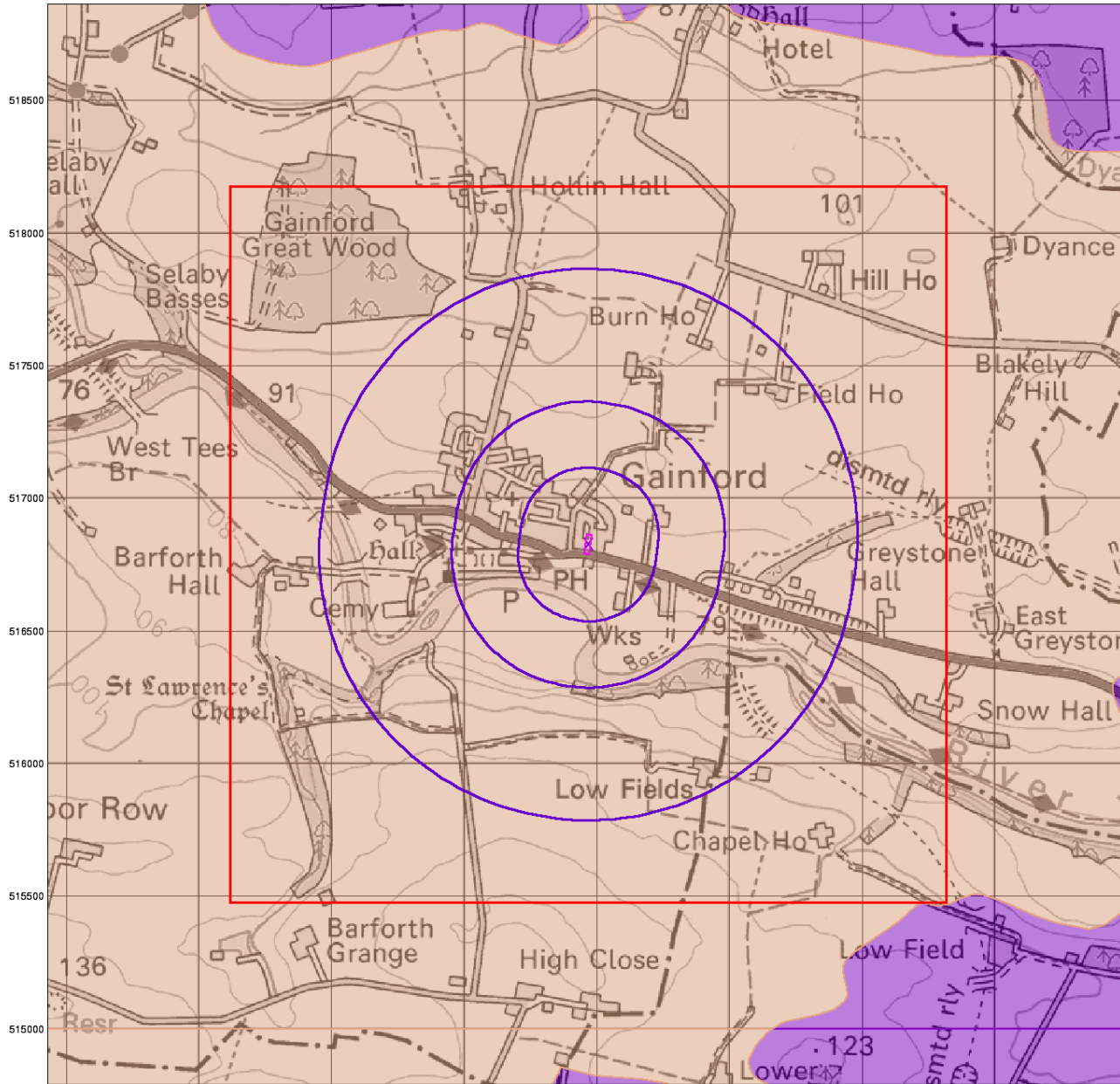
### Site Details

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## Bedrock Aquifer Designation

### General

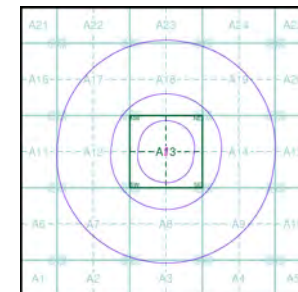
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### 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: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

### Site Details

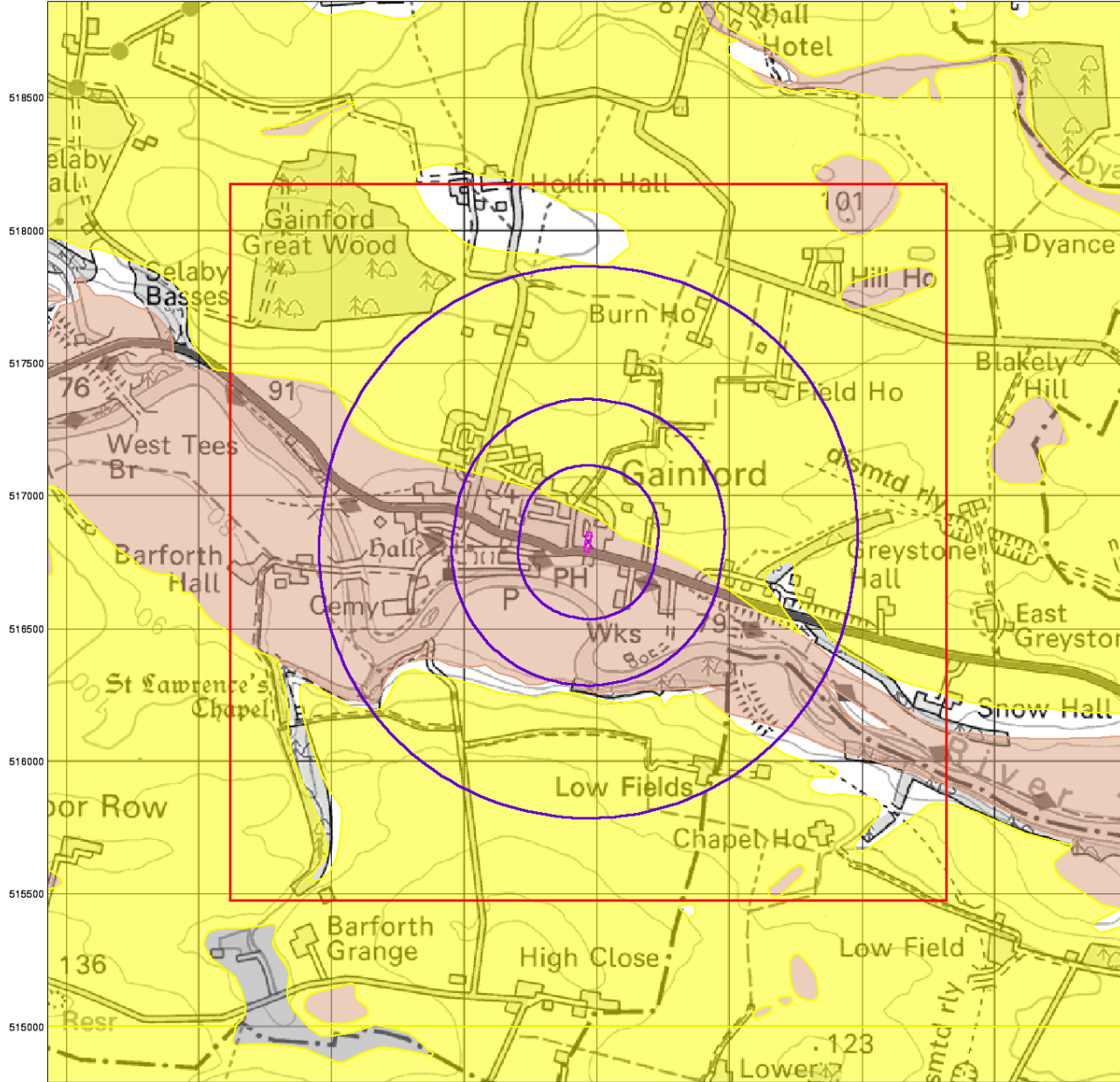
27, Main Road, Gainford, DARLINGTON, DL2 3BE



Tel: 0844 844 9952  
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## Superficial Aquifer Designation

### General

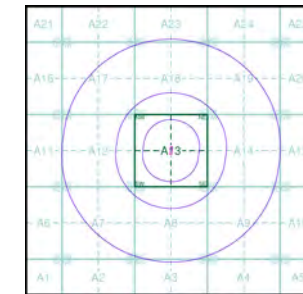
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### 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

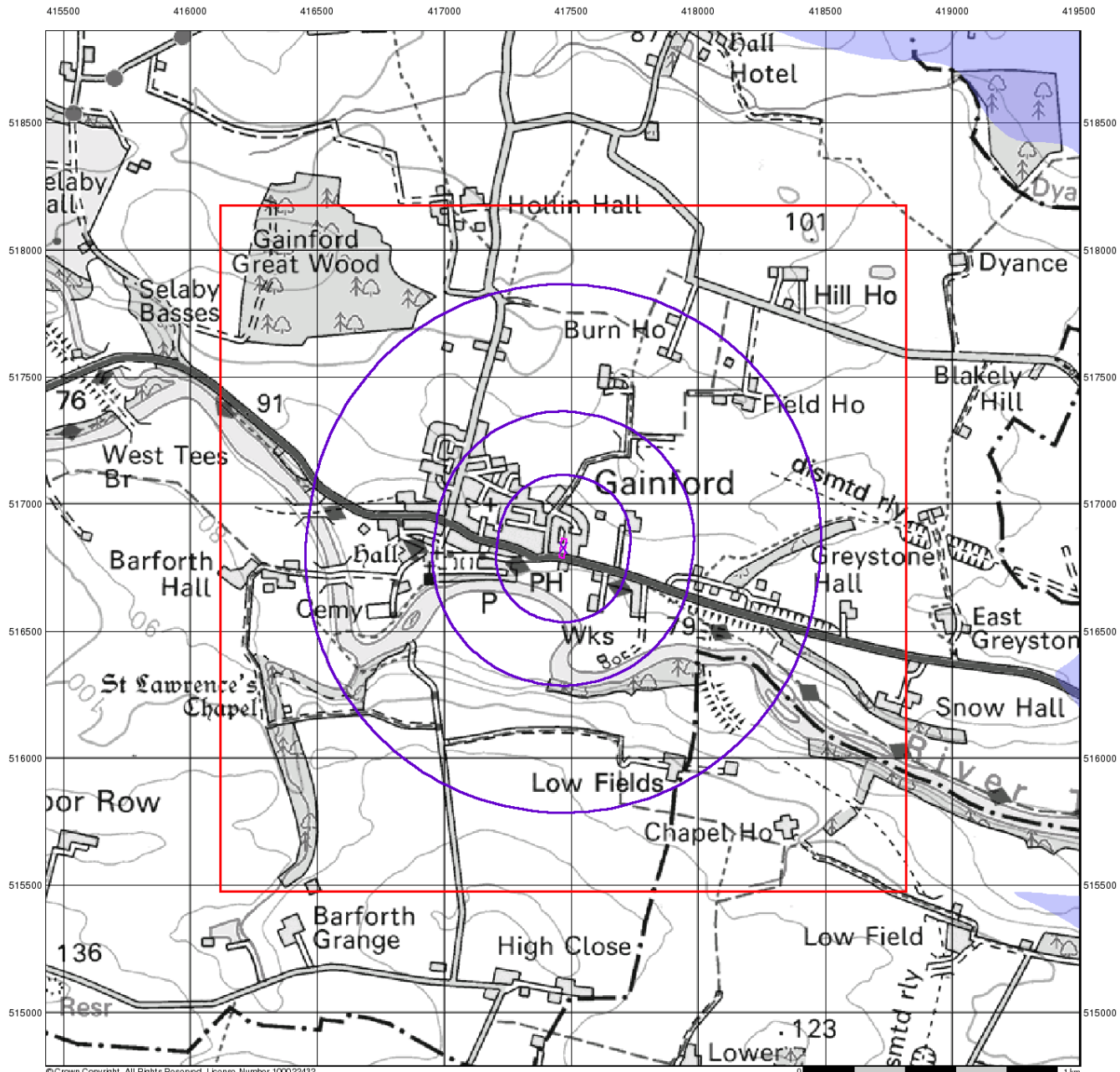
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 Customer Ref: 21-378 PB  
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 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

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## Source Protection Zones

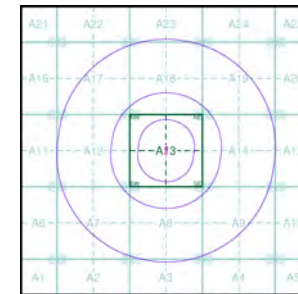
### General

- ◆ 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: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

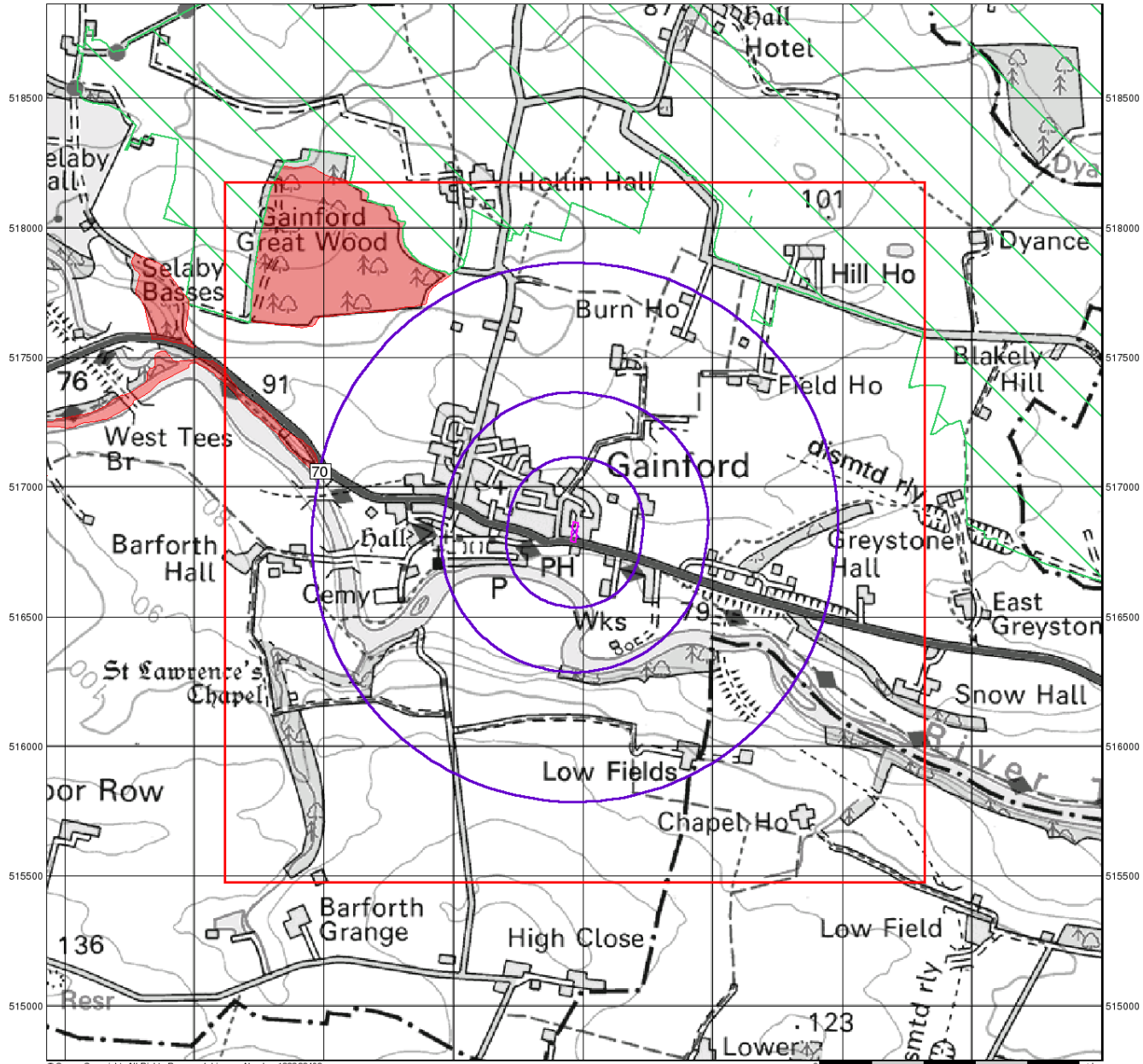
### Site Details

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## Sensitive Land Uses

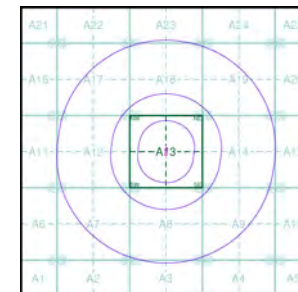
### General

- 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: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

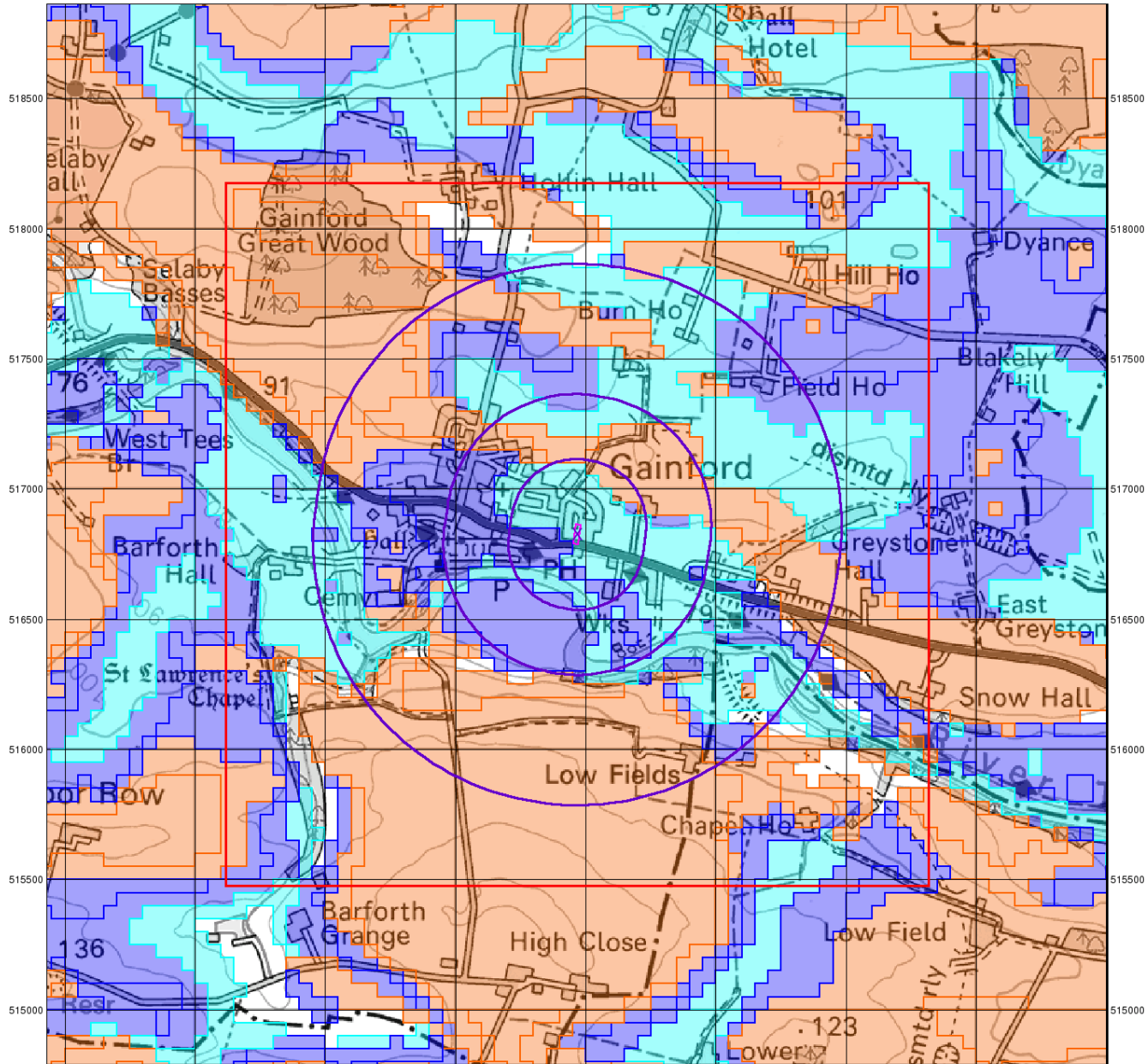
### Site Details

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**BGS Flood GFS Data**

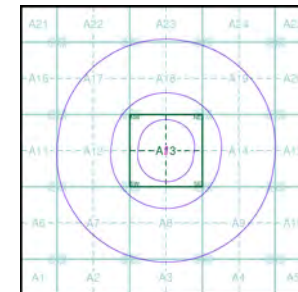
**General**

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

**Agency and Hydrological (Flood)**

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

**Site Sensitivity Context Map - Slice A**



**Order Details**

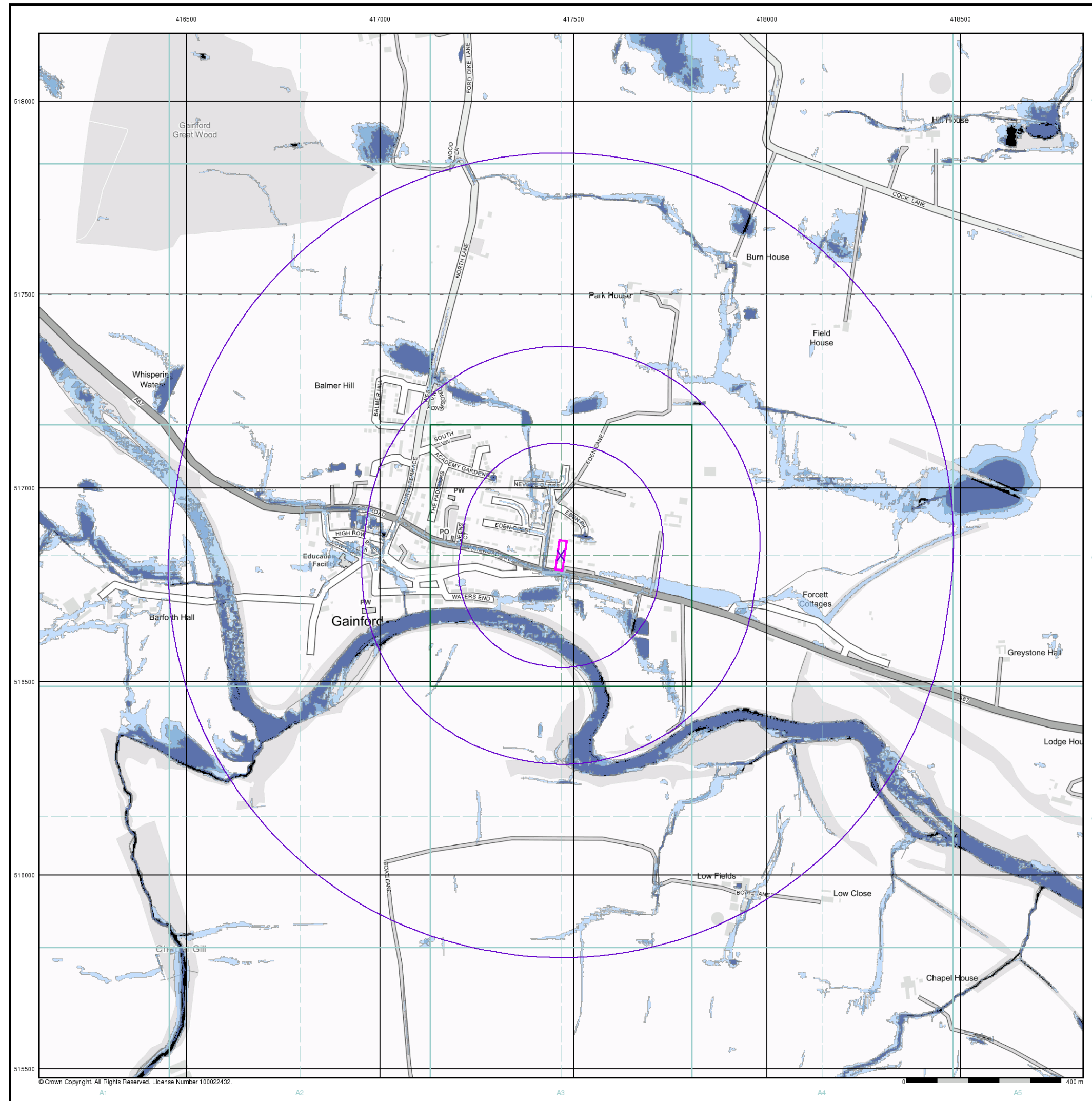
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 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

**Site Details**

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**General**

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

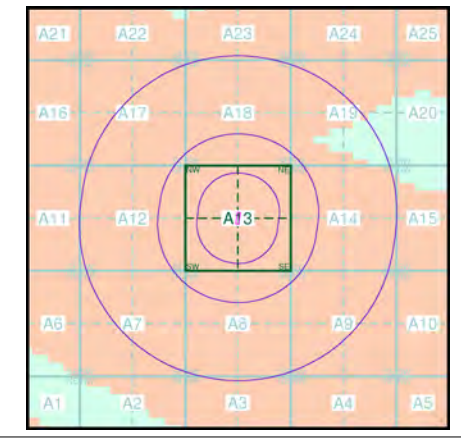
**Risk of Flooding from Surface Water**

- 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**

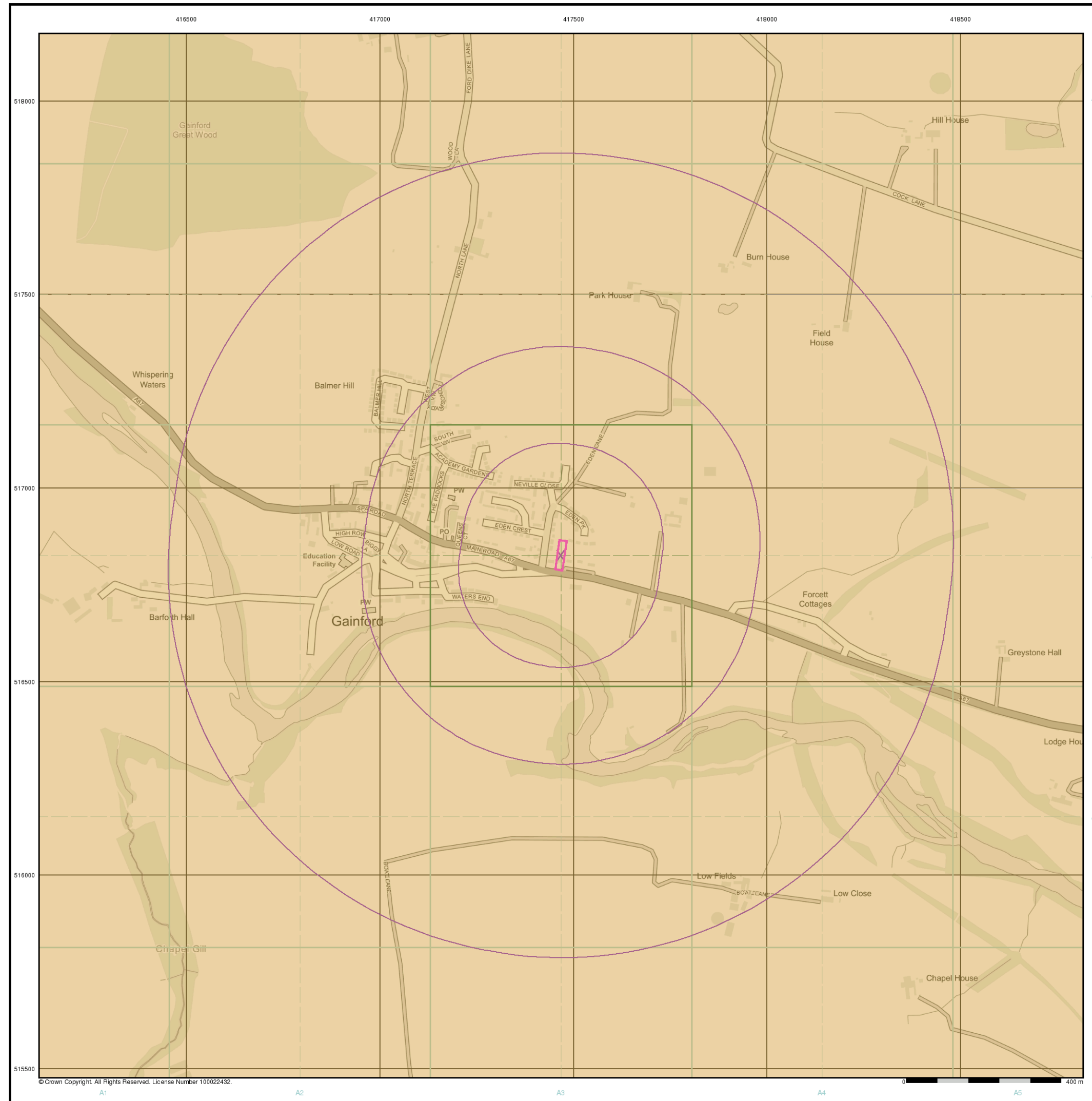
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 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
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**Site Details**

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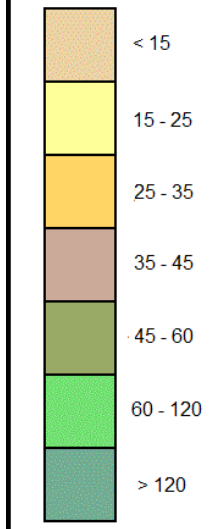


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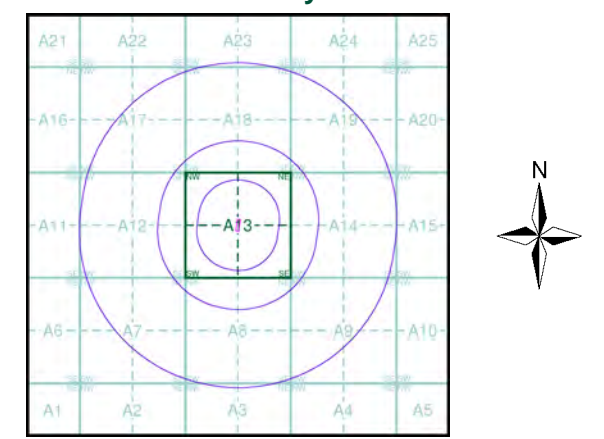
◻ Specified Site     
 ○ Specified Buffer(s)     
 X Bearing Reference Point

**Estimated Soil Chemistry Arsenic**

Arsenic Concentrations mg/kg



**Estimated Soil Chemistry Arsenic - Slice A**



**Order Details**

Order Details: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

**Site Details**

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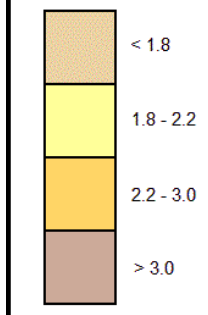


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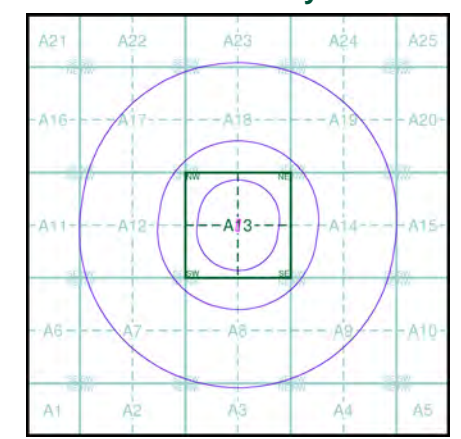
✱ Specified Site     
 ○ Specified Buffer(s)     
 ✕ Bearing Reference Point

**Estimated Soil Chemistry Cadmium**

Cadmium Concentrations mg/kg



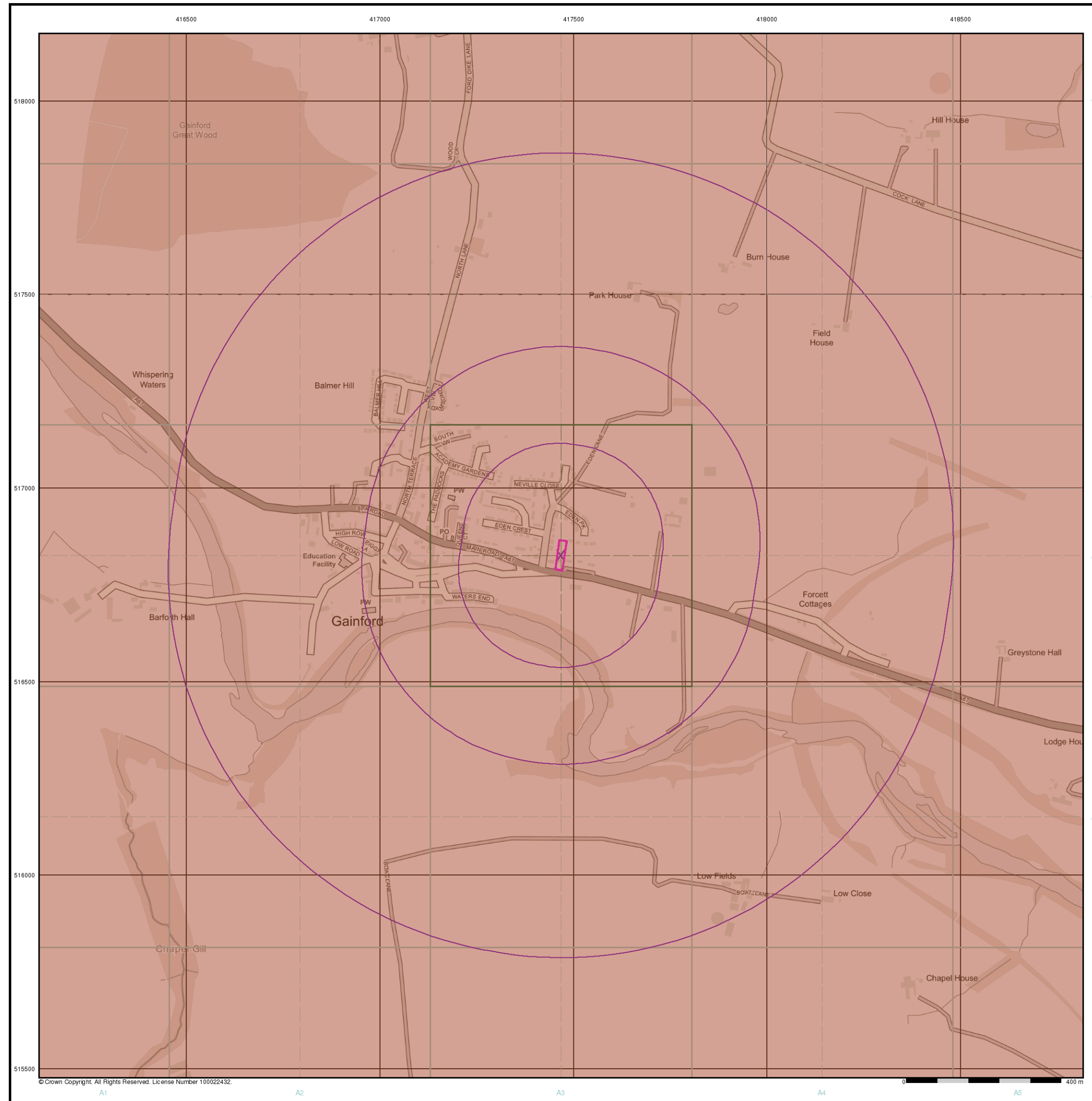
**Estimated Soil Chemistry Cadmium - Slice A**



**Order Details**

Order Details: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
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 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

**Site Details**  
 27, Main Road, Gainford, DARLINGTON, DL2 3BE

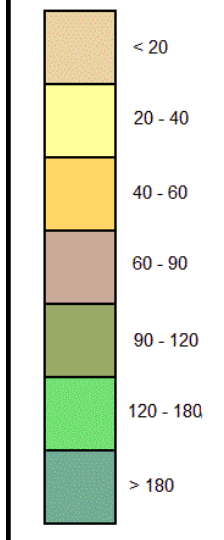


**General**

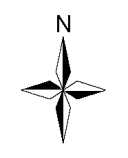
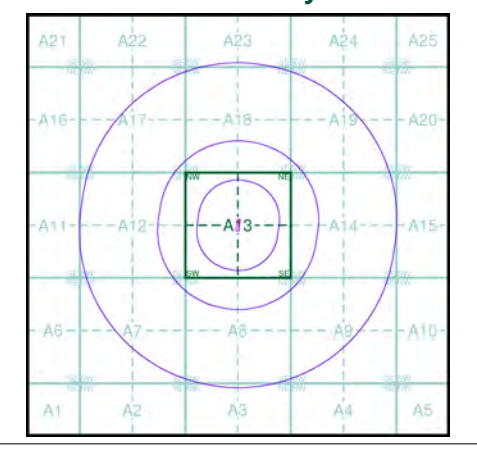
✕ Specified Site    
 ○ Specified Buffer(s)    
 ✕ Bearing Reference Point

**Estimated Soil Chemistry Chromium**

Chromium Concentrations mg/kg



**Estimated Soil Chemistry Chromium - Slice A**



**Order Details**

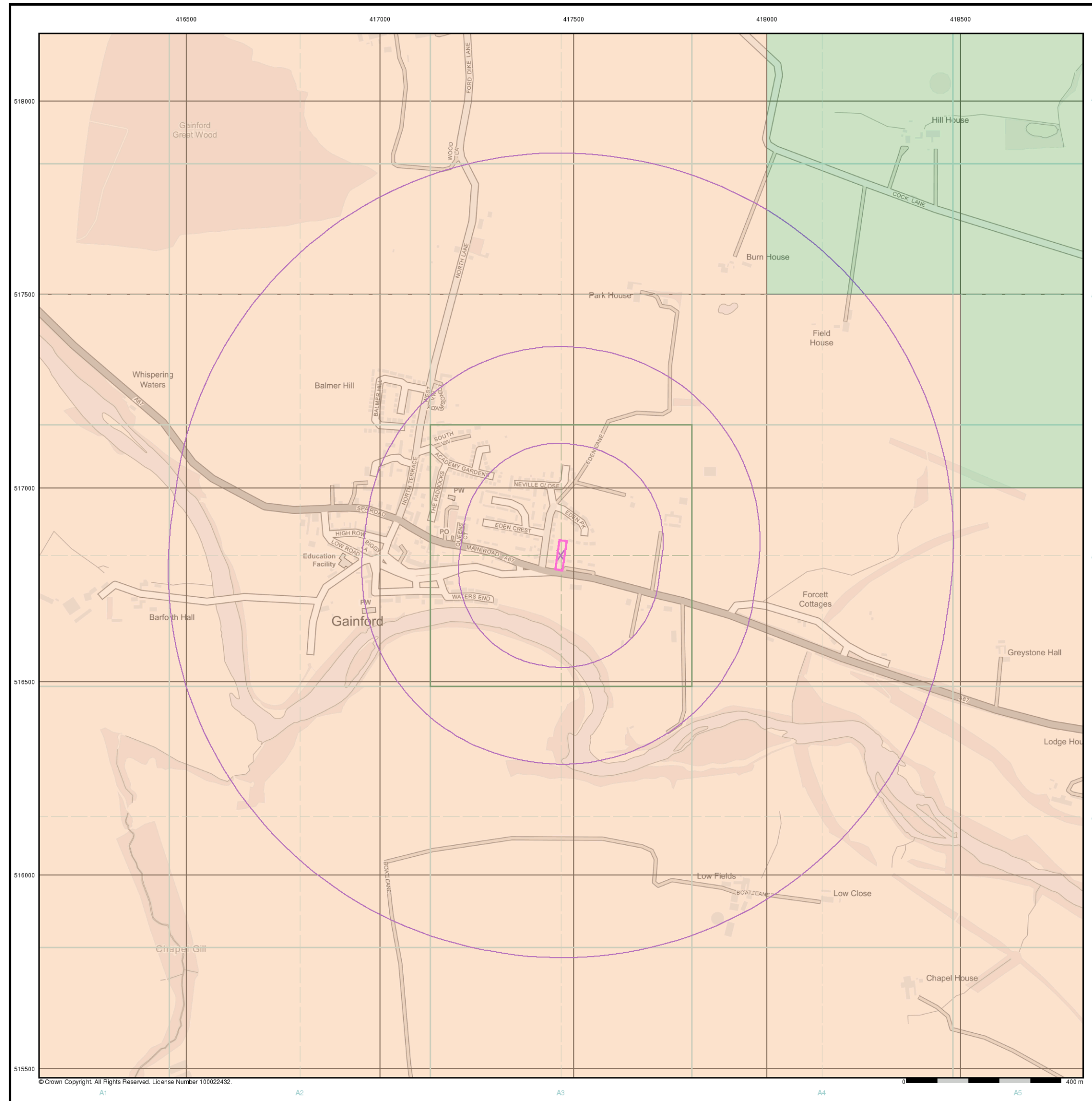
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 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

**Site Details**  
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**Landmark**  
 INFORMATION GROUP

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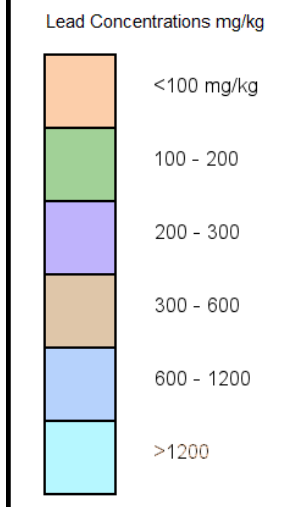




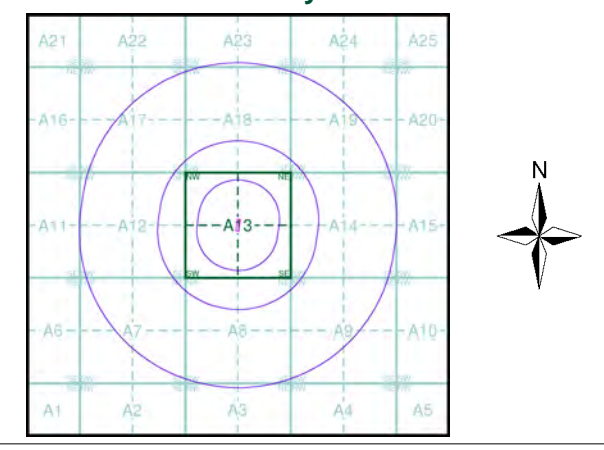
**General**

✕ Specified Site     
 ○ Specified Buffer(s)     
 ✕ Bearing Reference Point

**Estimated Soil Chemistry Lead**



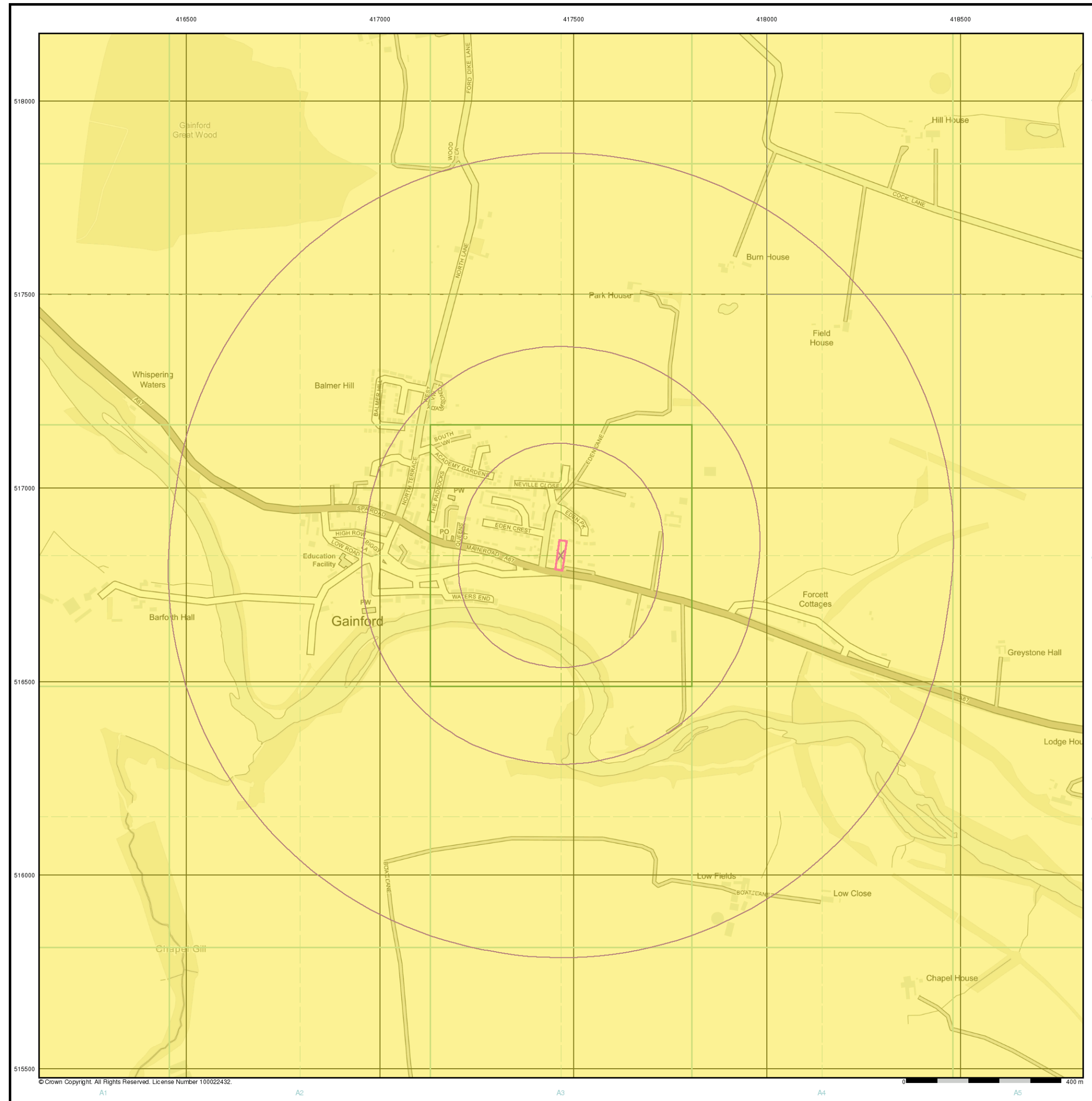
**Estimated Soil Chemistry Lead - Slice A**



**Order Details**

Order Details: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
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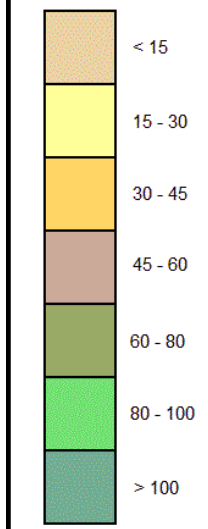


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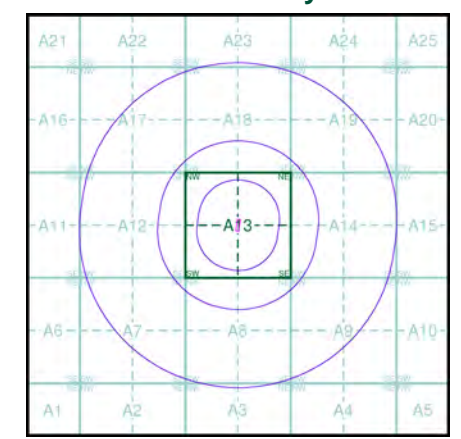
✕ Specified Site    
 ○ Specified Buffer(s)    
 ✕ Bearing Reference Point

**Estimated Soil Chemistry Nickel**

Nickel Concentrations mg/kg



**Estimated Soil Chemistry Nickel - Slice A**



**Order Details**

Order Details: 278665226\_1\_1  
 Customer Ref: 21-378 PB  
 National Grid Reference: 417470, 516830  
 Slice: A  
 Site Area (Ha): 0.15  
 Search Buffer (m): 1000

**Site Details**

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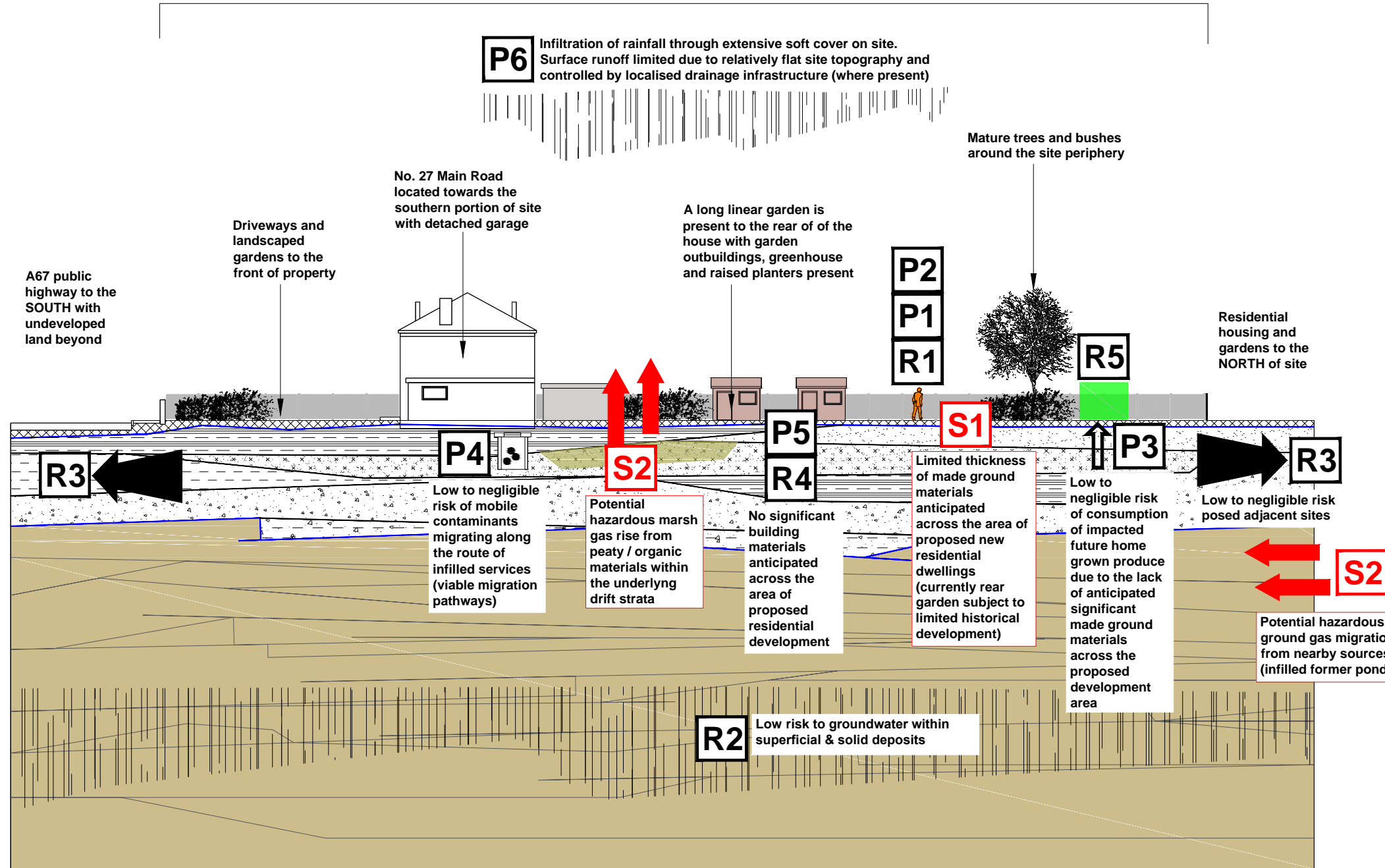
# **APPENDIX III**

## **Conceptual Site Model (CSM)**

**CRITICAL POLLUTANT LINKAGES**

SOURCE	PATHWAY	RECEPTOR
<p><b>S</b></p> <ol style="list-style-type: none"> <li>Possible made ground associated with current &amp; historical development on site and adjacent</li> <li>Hazardous ground gases associated with off-site sources (infilled pond / ditch features to north) and potential of organic rich soils i.e. peat (marsh gas) within superficial deposits - considered low risk</li> </ol>	<p><b>P</b></p> <ol style="list-style-type: none"> <li>Ingestion &amp; Dermal Contact</li> <li>Air - Inhalation of vapours (indoor &amp; outdoors) and contact with dust generated through the construction works</li> <li>Plant Uptake and attached soil</li> <li>Migration through existing service corridors</li> <li>Direct contact with building materials</li> <li>Surface runoff &amp; Infiltration</li> </ol>	<p><b>R</b></p> <ol style="list-style-type: none"> <li>Human Health - End user to be taken as Residential with Home Grown Produce (and construction workforce)</li> <li>Controlled Waters - Secondary A Aquifers Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers &amp; River Tees c.140m to south</li> <li>Adjacent sites</li> <li>Building materials &amp; protection of water supply pipes</li> <li>Flora and fauna</li> </ol>

Indicative section through site using a SOUTH to NORTH orientation



**STRATA DETAILS**



**MADE GROUND:**  
According to published BGS data, the site is not recorded to be underlain by significant thicknesses of made ground deposits. However, based on the historical site use, some limited thickness of made ground is likely to be present beneath the site associated with the historical and current development. Any made ground is likely to comprise disturbed natural strata with anthropogenic debris (i.e. brick, etc.,)



**DRIFT DEPOSITS:**  
From the published BGS maps and online data, superficial deposits are recorded as alluvial soils (3rd River Terrace), generally comprising sand and gravel, locally with lenses of silt, clay or peat



**SOLID GEOLOGY:**  
Based on published BGS maps, the site is underlain by the Stainmore Formation (mudstone, siltstones and sandstones) part of the Mill Stone Grit Series put down during the Carboniferous period. Published geological information indicates that there is no evidence of any significant faulting or other lines of weakness intersecting the development area or its immediate surroundings



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Fax: (0191) 378 0494  
e-mail: admin@arc-environmental.com  
web: www.arc-environmental.com

The contractor shall check all dimensions on site before commencement of any works. No dimensions to be scaled off this drawing.  
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rev. date amendments drawn chkd

Client:  
**WILLIAM GRAY ASSOCIATES**

Project Title:  
Proposed Residential Development  
27 Main Road, Gainford  
Darlington, DL2 3BE

Drawing Title:  
Conceptual Site Model

Scale at A3: NTS @ A3 | Date: 18.06.21 | Drawn by: P.D | Approved by: P.B

Job Ref: 21-378 | Drg no: - | Rev: -