

# PHASE I PRELIMINARY CONTAMINATION RISK ASSESSMENT



**2 FAIRVIEW, THORNLEY, CO. DURHAM, DH6 3BL  
PREPARED FOR MR. BRETT TURNER**

**GEOL**  
CONSULTANTS LTD



# QUALITY CONTROL

<b>Project No.</b>	<b>GEOL20-9375</b>	<b>Client</b>	<b>Mr. Brett Turner</b>
<b>Report Type</b>	<b>Phase I Preliminary Contamination Risk Assessment</b>		
<b>Project Type</b>	<b>Proposed Bespoke Residence</b>		
<b>Site Address</b>	<b>2 Fairview, Thornley, Co. Durham, DH6 3BL</b>		
<b>NGR</b>	<b>436760, 539570</b>		
<b>Date</b>	<b>23/04/2021</b>		
<b>Prepared by</b>	<b>Terry M<sup>c</sup>Menam</b>		
<b>Qualifications</b>	<b>BSc (Hons) CSci CEnv FGS MIEnvSc FCMI MIoD</b>		
<b>Position</b>	<b>Director</b>		
<b>Checked by</b>	<b>Martin Davidson</b>		
<b>Qualifications</b>	<b>BSc (Hons) FGS</b>		
<b>Position</b>	<b>Principal Geoenvironmental Engineer</b>		
<b>Approved by</b>	<b>Richard Stripp</b>		
<b>Qualifications</b>	<b>BSc (Hons) MSc FGS MIEnvSc</b>		
<b>Position</b>	<b>Director</b>		

This document has been prepared by Geol Consultants Limited (GEOL) for the titled project and should not be relied upon by any other third party or used for any other project without written authorisation being obtained from GEOL. This report was prepared for the sole use of the Client named above, and shall not be relied upon or transferred to any other party without the express written authorisation from GEOL.

The findings and opinions provided in this document are given in good faith and are subject to the limitations and constraints imposed by the methods and information sources described in this report. Factual information, including, where stated, a visual inspection of the site, has been obtained from a variety of sources. GEOL assumes the third-party information to be reliable, but has not independently confirmed this, therefore, GEOL cannot and does not guarantee the authenticity or reliability of third-party information it has relied upon. The findings and opinions presented in this report are also relevant to the dates when the assessment was undertaken but should not necessarily be relied upon to represent conditions at a substantially later date. Further information, ground investigation, construction activities, change of site use, or the passage of time may reveal conditions that were not indicated in the data presented and therefore could not have been considered in the preparation of the report. Where such information might impact upon stated opinions, GEOL reserves the right to modify the opinions expressed in this report. Where opinions expressed in this report are based on current available guidelines and legislations, no liability can be accepted by GEOL for the effects of any future changes to such guidelines and legislation.

REPORT REVISION HISTORY				
Issue	Description	Date	Author	Approval
1	Final Issue	23/04/2021	TMc	RS

# TABLE OF CONTENTS

<b>1.0 INTRODUCTION</b>	<b>PAGE 3</b>
<b>2.0 SITE DETAILS</b>	<b>PAGE 4</b>
<b>3.0 SITE GEOLOGY &amp; COAL MINING ASSESSMENT</b>	<b>PAGE 4</b>
<b>4.0 HISTORICAL MAP REVIEW</b>	<b>PAGE 6</b>
<b>5.0 ENVIRONMENTAL SETTING</b>	<b>PAGE 6</b>
<b>6.0 REGULATORY DATABASE</b>	<b>PAGE 9</b>
<b>7.0 CONTAMINATION &amp; GROUND GAS RISK ASSESSMENT</b>	<b>PAGE 9</b>
<b>8.0 GEOTECHNICAL RISK ASSESSMENT</b>	<b>PAGE 11</b>
<b>9.0 FURTHER RECOMMENDATIONS</b>	<b>PAGE 12</b>

<b>APPENDIX I</b>	<b>SITE LOCATION PLAN, SITE PHOTOGRAPHS &amp; PROPOSED DEVELOPMENT LAYOUT PLAN</b>
<b>APPENDIX II</b>	<b>LANDMARK INFORMATION GROUP ENVIROCHECK REPORT</b>

## 1.0 Introduction

Geol Consultants Limited (GEOL) were instructed by Mr. Brett Turner to undertake a Phase I Preliminary Contamination Risk Assessment (PCRA) for a parcel of land located south of Hartlepool Street and west of Fairview in the East Durham village of Thornley, where proposals have been made to construct a bespoke residential property sometime soon. A copy of the proposed development layout plan can be seen attached in Appendix I.

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

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

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

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

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

## 2.0 Site Details

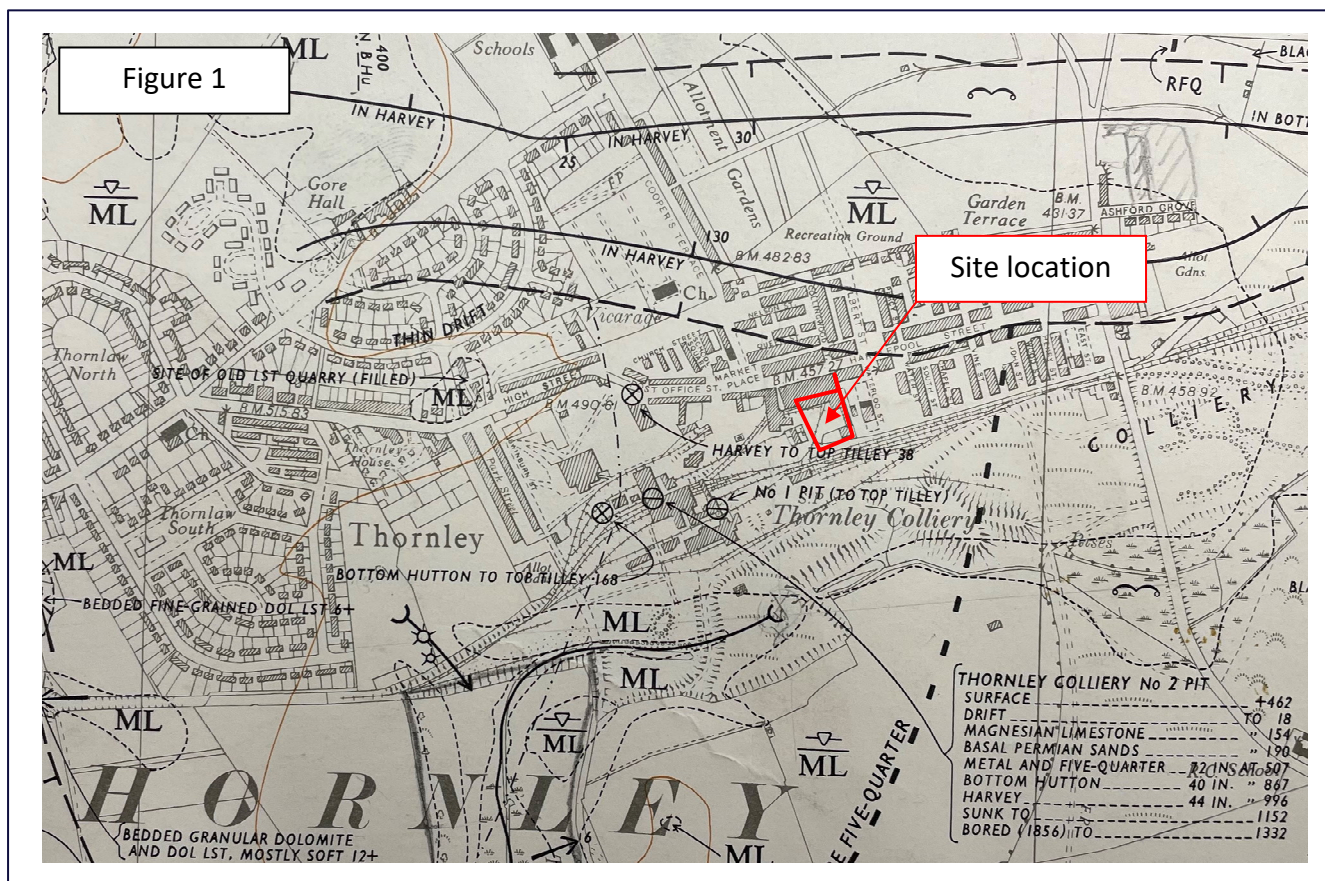
All relevant details and descriptions relating to the proposed development area (site) have been summarised in the Table below.

Detail	Description
Site address	2 Fairview, Thornley, Co. Durham, DH6 3BL
NGR	436760, 539570
Shape and approximate size	Irregular shaped site, occupying an area of 0.26Ha
Current site use	The site is currently occupied by a static home and is partially being used for fairground / showman and caravan storage. A tarmac access road leads into the site from the north and trees and bushes are present close to the northern and north-western site boundaries
Proposed site use	Proposals have been made to construct a bespoke residential property, located within the central part of the site boundaries. A copy of the proposed development layout plan, drawing no. 01 – 6 can be seen attached in Appendix I
Surrounding land uses	The site is located within a residential area with undeveloped land to the south and west
Additional comments	There was no evidence of potential contamination sources on site during the reconnaissance (walkover) survey. There is nothing stored or used on site that could lead to contamination issues, the site is simply occupied by a static residential dwelling, caravans and areas used for storing fairground equipment

## 3.0 Site Geology & Coal Mining Assessment

No made ground / fill deposits are recorded on site in accordance with published BGS map reference; Sheet NZ 33 NE, 1:10,560 scale, dated 1964. The site is shown to lie in an area initially overlain by superficial deposits (drift) comprising Devensian Till, and these are glacially derived clays normally firm and stiff in nature below this part of East Durham. Shaft records relating to Thornley Colliery positioned to the south-west of the site have recorded a thickness of c.5.50m for the natural clays which in turn are underlain by bedrock deposits. The underlying bedrock deposits are shown to comprise the Ford Formation of Permian age. These deposits comprise mainly of dolostone and have been recorded to a depth of 47.00m to the south-west at Thornley Colliery. The Ford Formation is underlain by the Basal Yellow Sands, also of Permian age, and these extend to a depth of c.58.00m before deposits of Carboniferous age were recorded. The shallowest coal seams below the site are the Metal & Five-Quarter (F1 & F2) coal seams present at a depth of c.155.00m. See Figure 1 on the following page which relates to an extract taken from BGS Sheet NZ 33 NE showing the site.

## 3.0 Site Geology & Coal Mining Assessment (Cont'd)



Thornley Colliery was in operation 100m to the south / south-west of the site and this operation had 3 no. mine shafts sunk to depths ranging between 191m to 351m. The Coal Authority have labelled the shafts 436539-001, 436539-002 & 436539-003. Thornley Colliery opened in 1835 and closed in 1970. The Coal Authority has divided the coalfield into two areas, referred to as development high risk areas (DHRA's), and development low risk areas (DLRA's). The DHRA forms 15% of the coalfield area, where coal mining risks are present at shallow depth which are likely to affect new development. The DLRA forms 85% of the coalfield where past coal mining activity has taken place at enough depth that it poses low risk to new development. The Coal Authority places the site within a DLRA.

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

## 4.0 Historical Map Review

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

OS map date	Site	Adjacent land
1857 – 1972	The site is shown to be developed from as early as 1857 where buildings are recorded on the eastern and southern parts of the site. Railway sidings cross the central part of the site from north-east to south-west associated with Thornley Colliery located to the south / south-west. By 1897 railway sidings are oriented east to west. By 1939 buildings encroach onto the northern part of the site and the railway sidings change position and direction	A large building labelled Saw Mill is recorded to the immediate north of the site. Thornley Colliery is located to the south-west and residential properties are located to the east and north of the site. The village of Thornley is well established at this time. Thornley Colliery is shown to be disused by 1972
1977 – 2021	The site is shown to be undeveloped by 1972. Over recent years the site has been used for fairground storage and more recently a static residential property occupies part of the site	Thornley Colliery and associated infrastructure has now been removed. By 1982 a track bounds the site to the west

A reconnaissance (walkover) survey was undertaken by GEOL and the survey involved walking over the site and the surrounding area, recording all observed information which may be relevant to the project. Photographs taken during the reconnaissance (walkover) survey can be seen attached in Appendix I. There was no evidence of contamination on site, or potential contamination sources, and there is nothing stored or used on site that could lead to contamination issues.

## 5.0 Environmental Setting

### 5.1 Surface Mineral Extraction / Quarrying

Based on OS maps dating from 1857 to 2021, there is no obvious evidence of any historical or active surface mineral extraction or quarrying features recorded within a plausible, lateral migration distance (<250m).

## 5.0 Environmental Setting (Cont'd)

### 5.2 Hydrogeology

The Devensian Till drift deposits have been designated as a Secondary Aquifer – Undifferentiated. This has been assigned in cases where it has not been possible to attribute either category A or B to a rock / soil type. In most cases, this means that the layer in question has previously been designated as both Minor and Non-Aquifer in different locations due to the variable characteristics of the rock type.

The Ford Formation has been designated as a Principal Aquifer, with a medium vulnerability classification. These are layers of rock or drift deposits that have high intergranular and / or fracture permeability, meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale.

When considering the anticipated ground conditions below the site, a shallow continuous groundwater surface (water table) is not anticipated to be present. Groundwater is anticipated at depth within the bedrock geology at depths >20m.

The site is located within a Zone III (Total Catchment) Source Protection Zone. These are areas that are needed to support the discharge from a protected groundwater source. There are no Water Abstractions recorded within 1km from the site boundaries.

### 5.3 Hydrology

Gore Burn (surface watercourse) is recorded 65m to the south of the site.

The site lies within a Flood Zone 1, an area with a low probability of flooding with <1 in 1000 chance of fluvial flooding occurring (<0.1%), and therefore this site is unlikely to be at significant risk from future flooding.

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



## 5.0 Environmental Setting (Cont'd)

### 5.4 Landfill & Waste

There are 2 no. small Historical Landfill Sites recorded within proximity to the site and these are located 10m to the north-west (located on High Street) and 204m to the north-east (located at Coopers Close) in accordance with the Landmark Information Group, Envirocheck Report. There are no further Historical or Registered Landfill Sites, Registered Waste Transfer, Treatment or Disposal Sites located within 250m from the site boundary. There is one Licensed Waste Management Facility (Location) recorded 155m to the north-east, located off Hartlepool Street. The Historical Landfill Sites are not felt to represent a risk to the proposed development in terms of hazardous ground gas migration.

### 5.5 Radon Assessment

The BRE Digest, BR211 (2015) Radon: Guidance on protective measures for new buildings, indicates the site to lie within a clear grid square (1km), indicating that radon protective measures will not be required for new structures.

The Landmark Information Group, Envirocheck Report records the site to lie in an lower probability radon area, where less than 1% of homes are estimated to be at or above the action level, and in accordance with data held by the BGS, and their assessment also indicates that no radon protection measures are necessary in the construction of new dwellings or extensions.

Based on the available radon data available, the site falls within an area where radon protection measures are not required.

### 5.6 Site Ecology

There are no sensitive land uses within 250m from the site.

A Local Nature Reserve (Gore Burn) is recorded 319m to the east of the site. In addition, a Nitrate Vulnerable Zone is located 482m to the south-west. These are areas designated as being at risk from agricultural nitrate pollution, however, when considering the proposed end use this is not considered to represent a risk.

## 6.0 Regulatory Database

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

Data type	0 – 250m	251 – 500m	Details
Contaminated Land Register Entries and Notices	0	0	None recorded
Discharge Consents	6	2	All six located within 250m relate to a storm tank / sewage network operated by Northumbrian Water Limited, located 191m to the north with the receiving water being Gore Burn
Active Contemporary Trade Directory Entries (CTDE)	2	1	The closest is recorded 63m to the north-west associated with the Village Inn Garage
Gas Pipelines	0	0	None recorded
Fuel Station Entries	0	0	None recorded

## 7.0 Contamination & Ground Gas Risk Assessment

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

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

## 7.0 Contamination & Ground Gas Risk Assessment (Cont'd)

The potential pollutant linkages pertaining to the site and the assessed significance are summarised in the preliminary CSM Table below. The risk of significant contamination being present on this site is LOW based on the recorded site history / activity. Part of the site is currently occupied by a residential dwelling (static dwelling). In addition, other parts of the site are currently being used for the storage of fairground equipment and caravans. The risk of hazardous ground gases from on-site and off-site sources is considered a low risk, based on the recorded on-site and off-site sources.

Potential source	Pathway	Receptor	Pollutant linkage / assessed risk
Made ground deposits	Dermal contact and ingestion / inhalation of contaminated soil and dust	Construction workers and end-users	LOW risk
	Air – Inhalation of vapours (indoor & outdoor)		LOW risk
	Plant uptake, consumption of homegrown vegetables	End-users	LOW risk
	Migration through services	End-users	LOW risk
	Direct contact with building materials	Building materials (concrete)	LOW risk
	Surface run-off, vertical and lateral infiltration / leaching, and migration of mobile contaminants	Deep groundwater (Principal Aquifer) & Gore Burn	LOW risk
	Contaminated soils	Flora and Fauna	LOW risk
Ground gas / Radon gas	Asphyxiation, fire & explosion, carcinogenic	End-users	LOW risk

All risks from contamination to Human Health and Controlled Waters are LOW, and subject to written confirmation from Durham County Council (DCC), it is considered that further investigation of the site (Phase II Ground Investigation) is not required with respect to ground contamination given the current site usage coupled with the development proposal.

## 8.0 Geotechnical Risk Assessment

The ground conditions below the site are expected to comprise made ground deposits, in turn underlain by initially firm and stiff clay deposits to c.5m depth before limestone bedrock deposits are expected. The anticipated ground profile for this site has been summarised in the Table below.

Strata type	Anticipated thickness	Groundwater	Comments
Made Ground Deposits	Up to 1m in places	Not anticipated	Made ground deposits are expected across the site area
Devensian Till	Up to 5m	Not anticipated	These deposits are expected to be firm and stiff in nature and relatively impermeable
Ford Formation	>50m	Groundwater levels within this formation are expected to be present at depths >20m below site levels. This stratum has been designated as a Principal Aquifer	The Ford Formation comprises mainly of limestone deposits and these are expected to be >50m in thickness

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

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

Issue or hazard	Level of potential risk	Comments
Made ground	LOW risk	Made ground deposits are anticipated to be present across the site area, although these should not be present in significant thicknesses
Natural deposits	LOW risk	The natural deposits are expected to initially consist of firm and stiff clay
Shallow groundwater	LOW risk	A shallow continuous groundwater surface (water table) is not anticipated to be present below the site area

## 8.0 Geotechnical Risk Assessment (Cont'd)

Issue or hazard	Level of potential risk	Comments
Stability of excavations	LOW to MEDIUM risk	Within future excavations, any made ground and natural deposits may be unstable below a depth of 1.20m
Sub-surface structures	LOW risk	Significant relic structures are not anticipated below the site area
Shallow coal workings	LOW risk	The site is not underlain by shallow coal or shallow coal workings
Mine entries (shafts / adits)	LOW risk	There are no records of mine entries on this site
Control of surface drainage	LOW risk	Conventional SuDS (i.e. soakaways) are unlikely to be feasible for this site, due to the presence of clay deposits

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

Foundation type	Anticipated depth to bearing stratum	Maximum allowable bearing pressure	Comments
Strip foundations	<2m	Between 75kN/m <sup>2</sup> to 100kN/m <sup>2</sup>	Given the anticipated ground conditions, shallow foundations are likely to be available for the proposed new residential dwelling, based within the natural clay deposits
Raft or Widened Strip Footings	Between 0.60m and 0.75m	Between 40kN/m <sup>2</sup> to 80kN/m <sup>2</sup>	A raft or widened strip footings may be available depending on presence of made ground and condition of natural clay deposits

## 9.0 Further Recommendations

It would be deemed prudent to undertake a low-level of investigation works, primarily to assist with new building foundation designs. This investigation can include for similar items listed below.

- ▶ Undertake a series of shallow percussive boreholes to help aid with future foundation designs for the proposed development
- ▶ Production of a factual and interpretive Ground Investigation Report

**9.0 Further Recommendations (Cont'd)**

In the highly unlikely event that contamination of near surface soils is suspected during site construction of the residential property, work should stop, the material should be isolated and the Contaminated Land Officer of DCC should be contacted to agree a way forward.

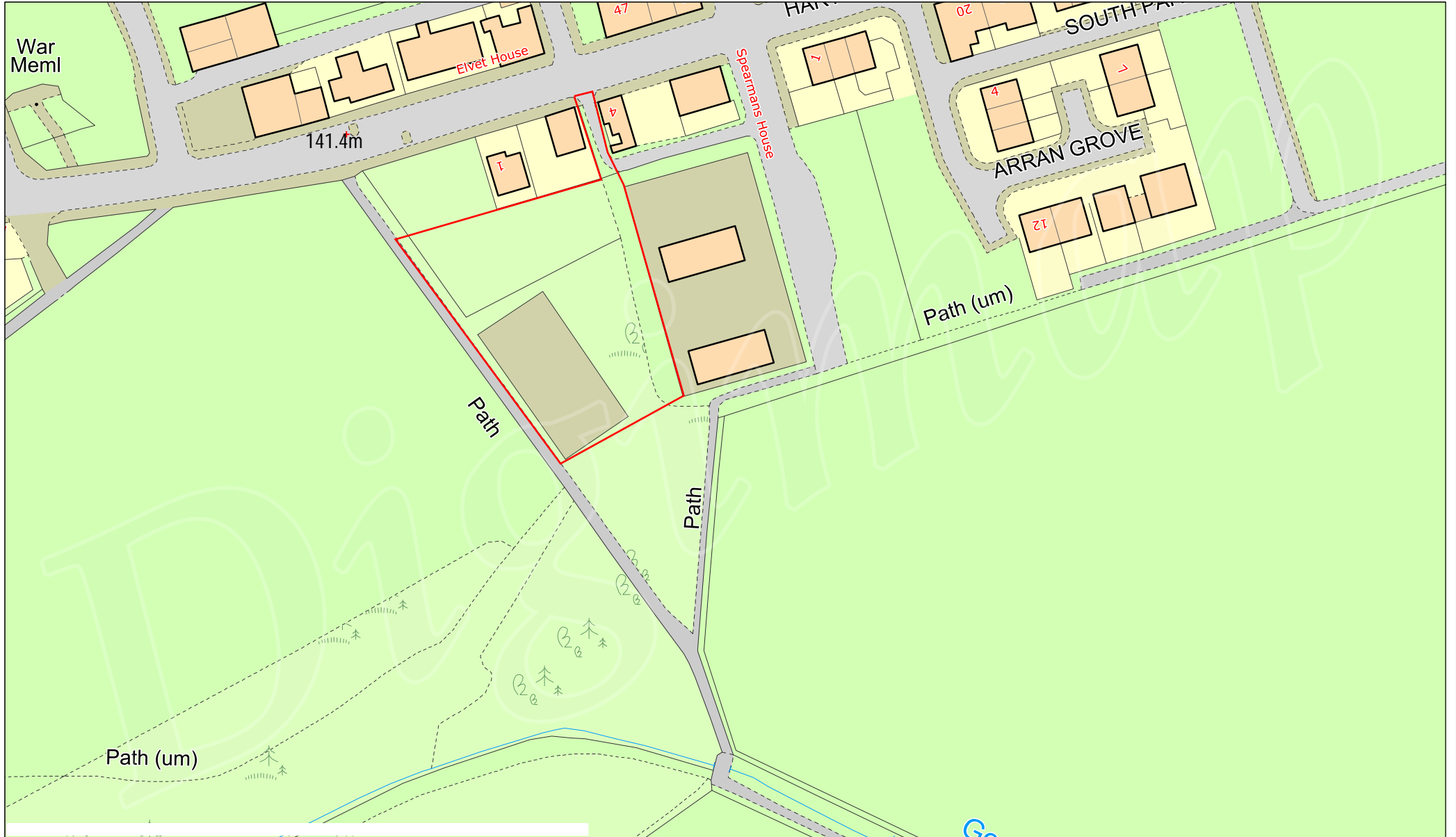
Prior to site investigation works commencing, all existing utilities / services should be identified and recorded, such that any potential damage to services crossing the site can be prevented, as well as ensuring the Health and Safety of all future site workers.

**End of Report**

# **APPENDIX I**

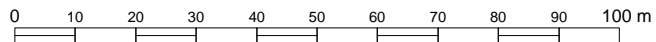
## **Site Location Plan Site Photographs & Proposed Development Layout Plan**

Fairview, Thornley, Co. Durham, DH6 3BL



 Digimap<sup>®</sup>

Scale 1:1250



Mapping sourced from  Ordnance Survey





 **SITE PHOTOGRAPHS (1 OF 12)** 

**Report Type:** Phase I Preliminary Contamination Risk Assessment

**Site Address:** 2 Fairview, Thornley, Co. Durham, DH6 3BL

**Project No.:** GEOL20-9375



3 Gladstone Terrace  
Gateshead  
Tyne & Wear  
NE8 4DY

Tel: 0191 477 2020

Email: [enquiries@geolconsultants.co.uk](mailto:enquiries@geolconsultants.co.uk)



 **SITE PHOTOGRAPHS (2 OF 12)** 

**Report Type:** Phase I Preliminary Contamination Risk Assessment

**Site Address:** 2 Fairview, Thornley, Co. Durham, DH6 3BL

**Project No.:** GEOL20-9375



3 Gladstone Terrace  
Gateshead  
Tyne & Wear  
NE8 4DY

Tel: 0191 477 2020

Email: [enquiries@geolconsultants.co.uk](mailto:enquiries@geolconsultants.co.uk)



**SITE PHOTOGRAPHS (3 OF 12)**



**Report Type:** Phase I Preliminary Contamination Risk Assessment

**Site Address:** 2 Fairview, Thornley, Co. Durham, DH6 3BL

**Project No.:** GEOL20-9375



3 Gladstone Terrace  
Gateshead  
Tyne & Wear  
NE8 4DY

Tel: 0191 477 2020

Email: [enquiries@geolconsultants.co.uk](mailto:enquiries@geolconsultants.co.uk)



 **SITE PHOTOGRAPHS (4 OF 12)** 

**Report Type:** Phase I Preliminary Contamination Risk Assessment

**Site Address:** 2 Fairview, Thornley, Co. Durham, DH6 3BL

**Project No.:** GEOL20-9375



3 Gladstone Terrace  
Gateshead  
Tyne & Wear  
NE8 4DY

Tel: 0191 477 2020

Email: [enquiries@geolconsultants.co.uk](mailto:enquiries@geolconsultants.co.uk)



**SITE PHOTOGRAPHS (5 OF 12)**



**Report Type:** Phase I Preliminary Contamination Risk Assessment

**Site Address:** 2 Fairview, Thornley, Co. Durham, DH6 3BL

**Project No.:** GEOL20-9375



 **SITE PHOTOGRAPHS (6 OF 12)** 

**Report Type:** Phase I Preliminary Contamination Risk Assessment

**Site Address:** 2 Fairview, Thornley, Co. Durham, DH6 3BL

**Project No.:** GEOL20-9375



3 Gladstone Terrace  
Gateshead  
Tyne & Wear  
NE8 4DY

Tel: 0191 477 2020

Email: [enquiries@geolconsultants.co.uk](mailto:enquiries@geolconsultants.co.uk)



 **SITE PHOTOGRAPHS (7 OF 12)** 

**Report Type:** Phase I Preliminary Contamination Risk Assessment

**Site Address:** 2 Fairview, Thornley, Co. Durham, DH6 3BL

**Project No.:** GEOL20-9375



3 Gladstone Terrace  
Gateshead  
Tyne & Wear  
NE8 4DY

Tel: 0191 477 2020

Email: [enquiries@geolconsultants.co.uk](mailto:enquiries@geolconsultants.co.uk)



 **SITE PHOTOGRAPHS (8 OF 12)** 

**Report Type:** Phase I Preliminary Contamination Risk Assessment

**Site Address:** 2 Fairview, Thornley, Co. Durham, DH6 3BL

**Project No.:** GEOL20-9375





 **SITE PHOTOGRAPHS (9 OF 12)** 

**Report Type:** Phase I Preliminary Contamination Risk Assessment

**Site Address:** 2 Fairview, Thornley, Co. Durham, DH6 3BL

**Project No.:** GEOL20-9375



3 Gladstone Terrace  
Gateshead  
Tyne & Wear  
NE8 4DY

Tel: 0191 477 2020

Email: [enquiries@geolconsultants.co.uk](mailto:enquiries@geolconsultants.co.uk)



 **SITE PHOTOGRAPHS (10 OF 12)** 

**Report Type:** Phase I Preliminary Contamination Risk Assessment

**Site Address:** 2 Fairview, Thornley, Co. Durham, DH6 3BL

**Project No.:** GEOL20-9375



 **SITE PHOTOGRAPHS (11 OF 12)** 

**Report Type:** Phase I Preliminary Contamination Risk Assessment

**Site Address:** 2 Fairview, Thornley, Co. Durham, DH6 3BL

**Project No.:** GEOL20-9375



3 Gladstone Terrace  
Gateshead  
Tyne & Wear  
NE8 4DY

Tel: 0191 477 2020

Email: [enquiries@geolconsultants.co.uk](mailto:enquiries@geolconsultants.co.uk)



 **SITE PHOTOGRAPHS (12 OF 12)** 

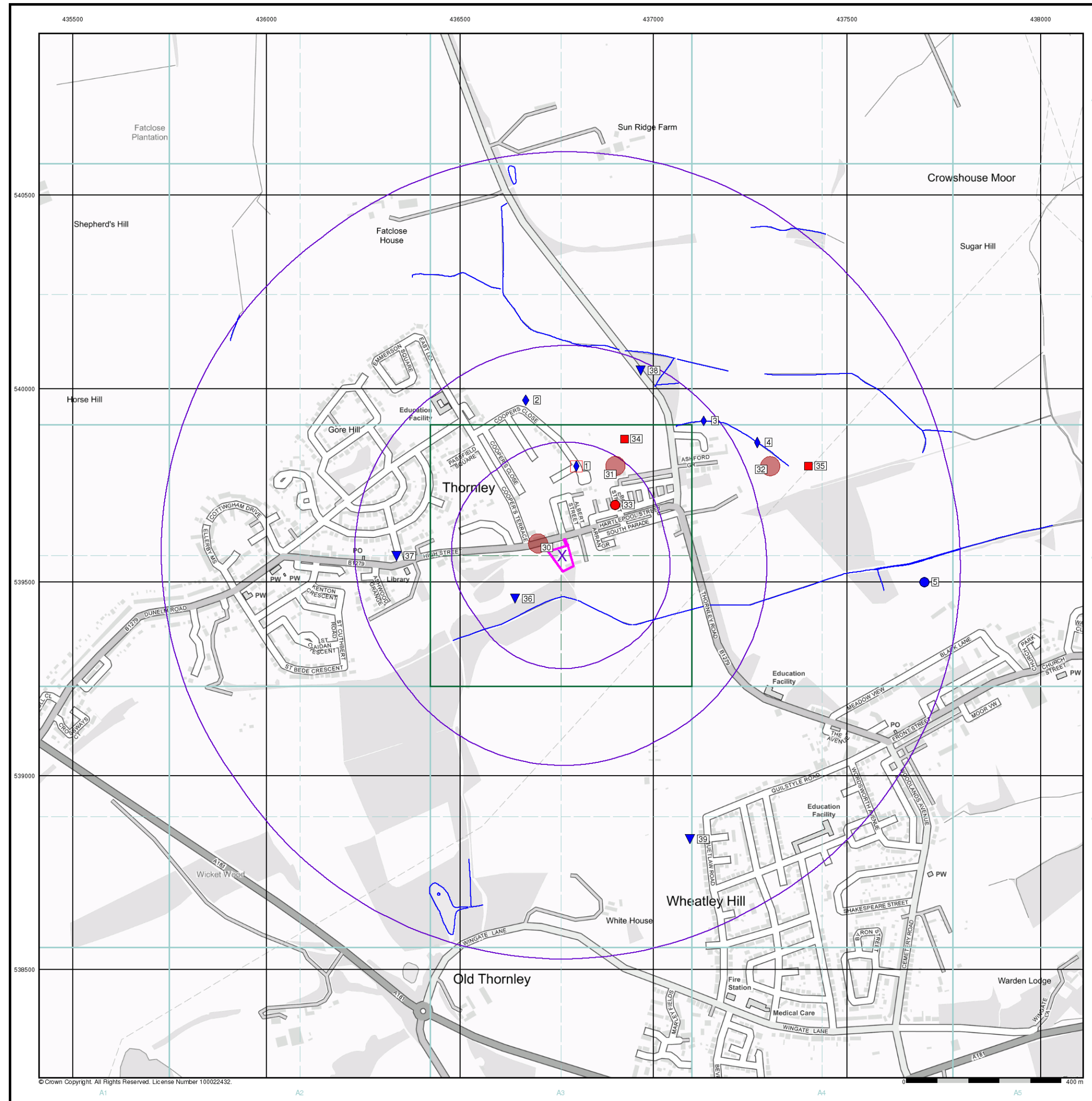
**Report Type:** Phase I Preliminary Contamination Risk Assessment

**Site Address:** 2 Fairview, Thornley, Co. Durham, DH6 3BL

**Project No.:** GEOL20-9375

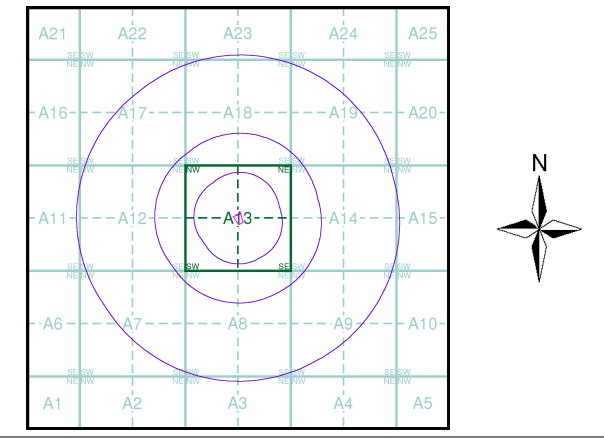
# **APPENDIX III**

## **Landmark Information Group Envirocheck Report**



- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - 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
  - 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
- Industrial Land Use**
- Contemporary Trade Directory Entry
  - Fuel Station Entry

**Site Sensitivity Map - Slice A**

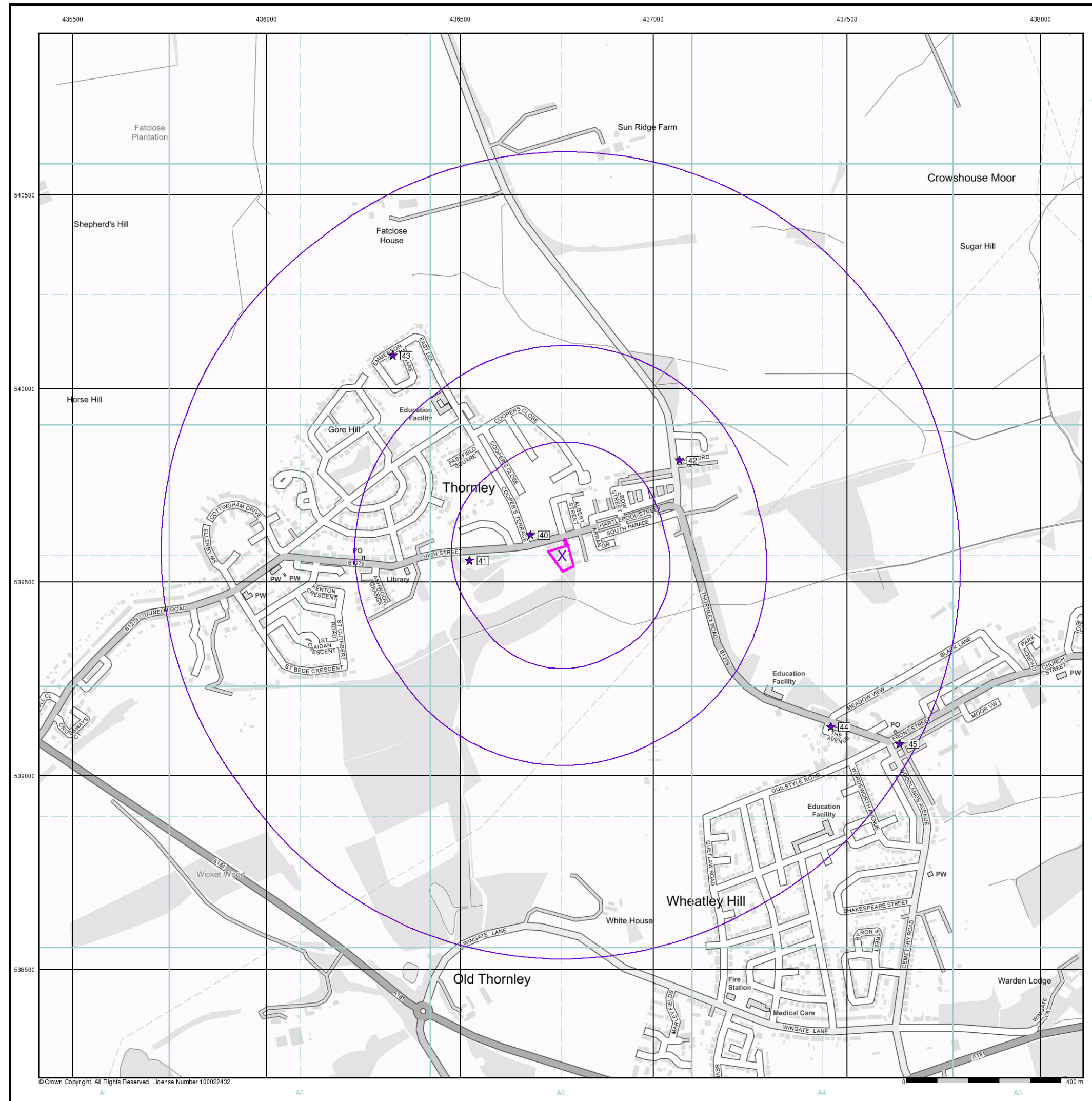


**Order Details**

Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

**Site Details**

2, Fairview, Thornley, DURHAM, DH6 3BL



## Industrial Land Use Map

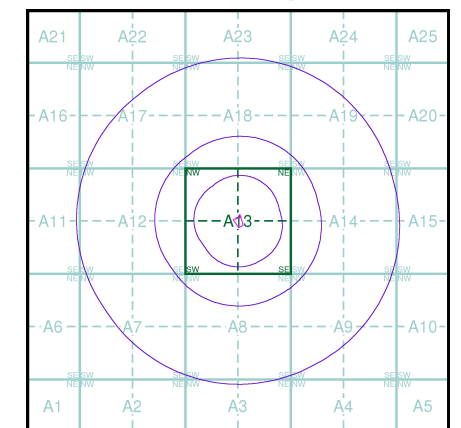
### General

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

### Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Underground Electrical Cables

### Industrial Land Use Map - Slice A



### Order Details

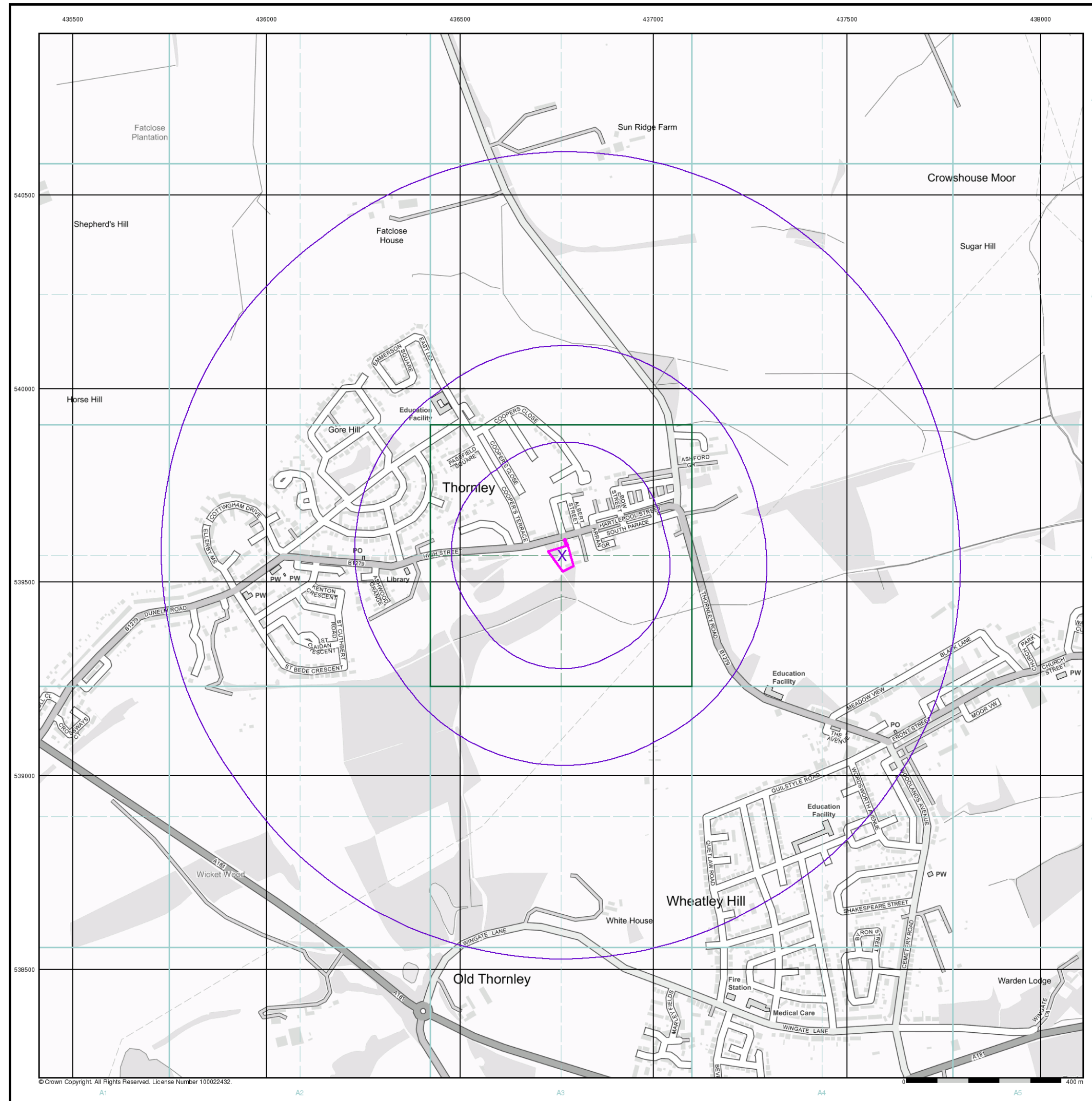
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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



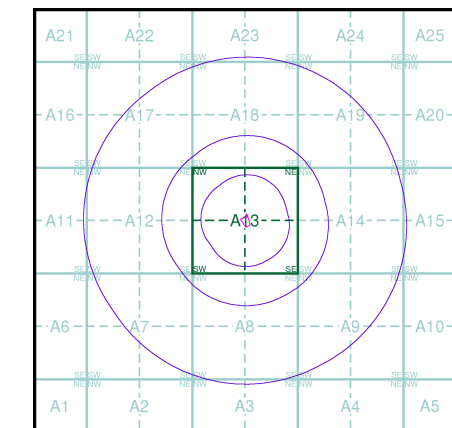
**General**

- 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: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

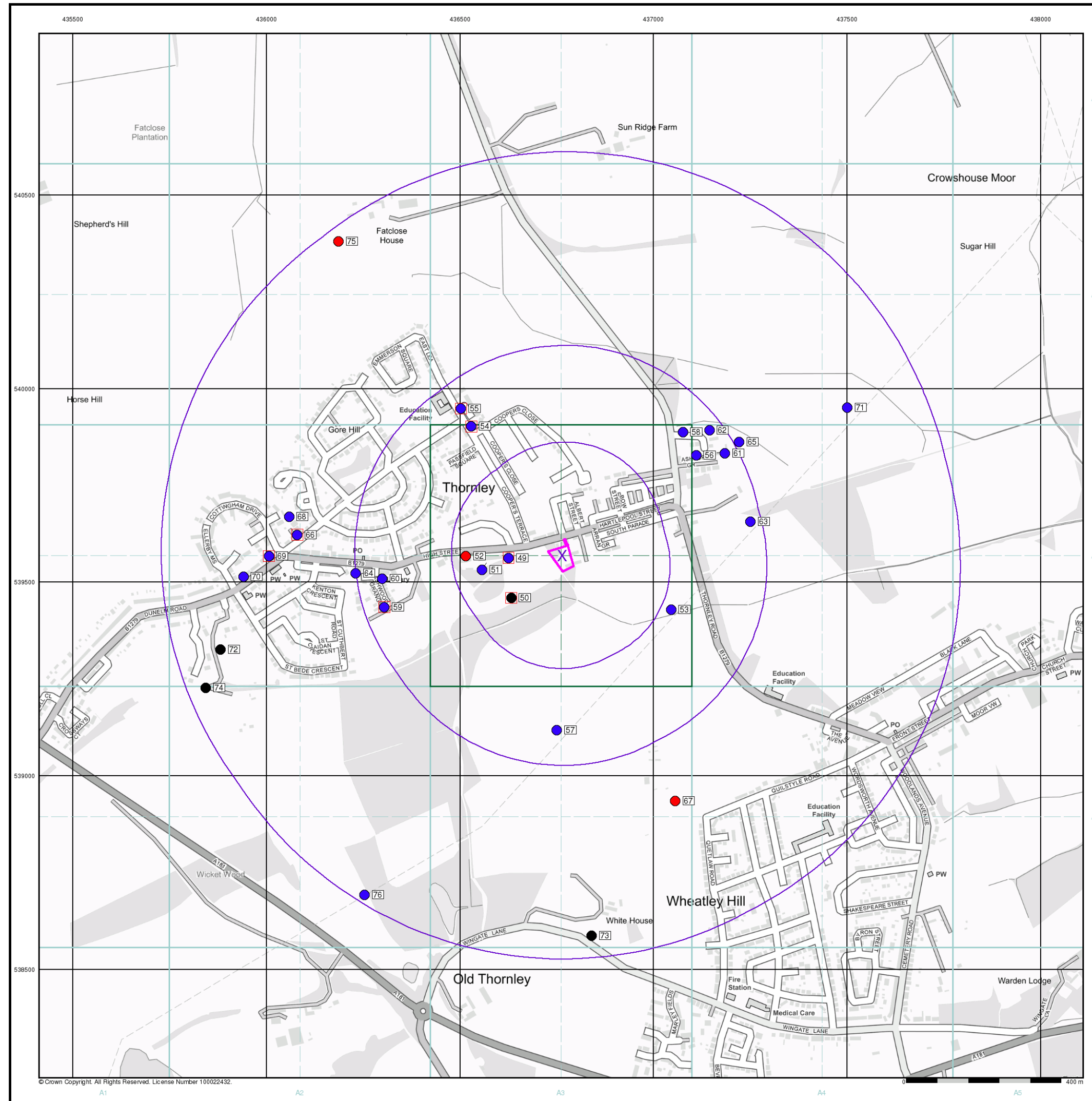
**Site Details**

2, Fairview, Thornley, DURHAM, DH6 3BL



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

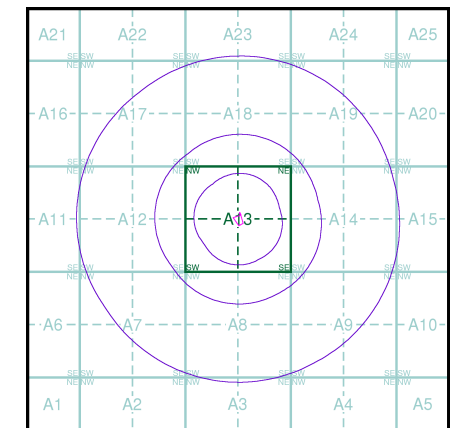
**Agency and Hydrological (Boreholes)**

- 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**

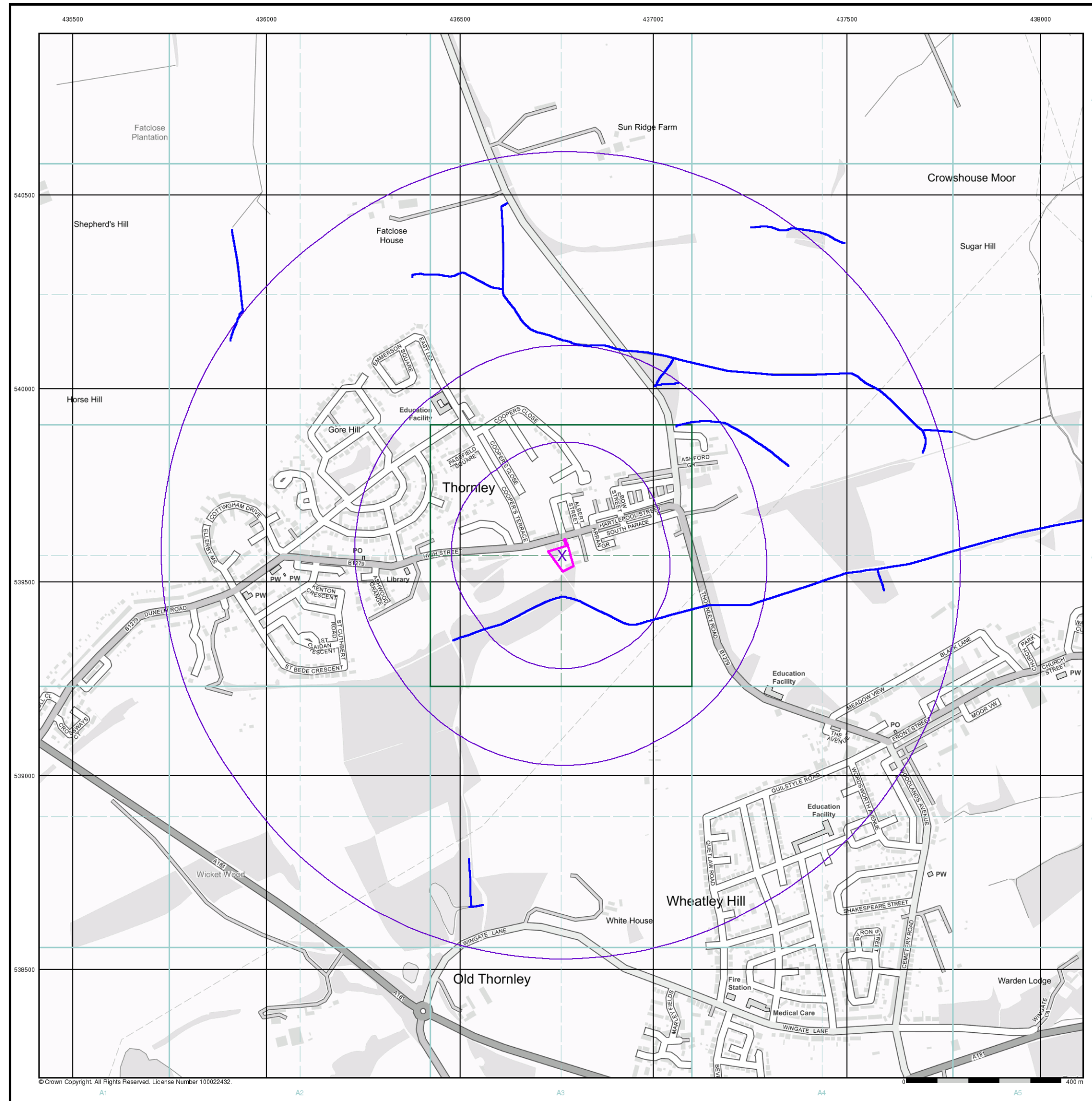
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

**Site Details**

2, Fairview, Thornley, DURHAM, DH6 3BL



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



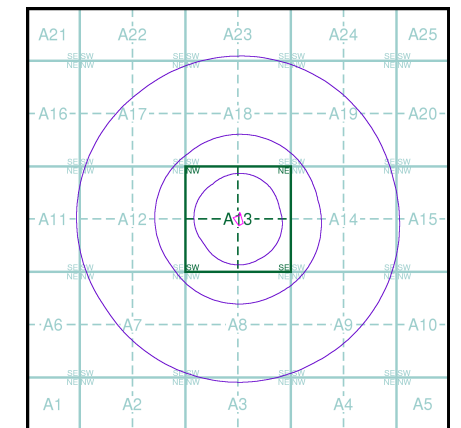
**General**

- 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                     |

**OS Water Network Map - Slice A**



**Order Details**

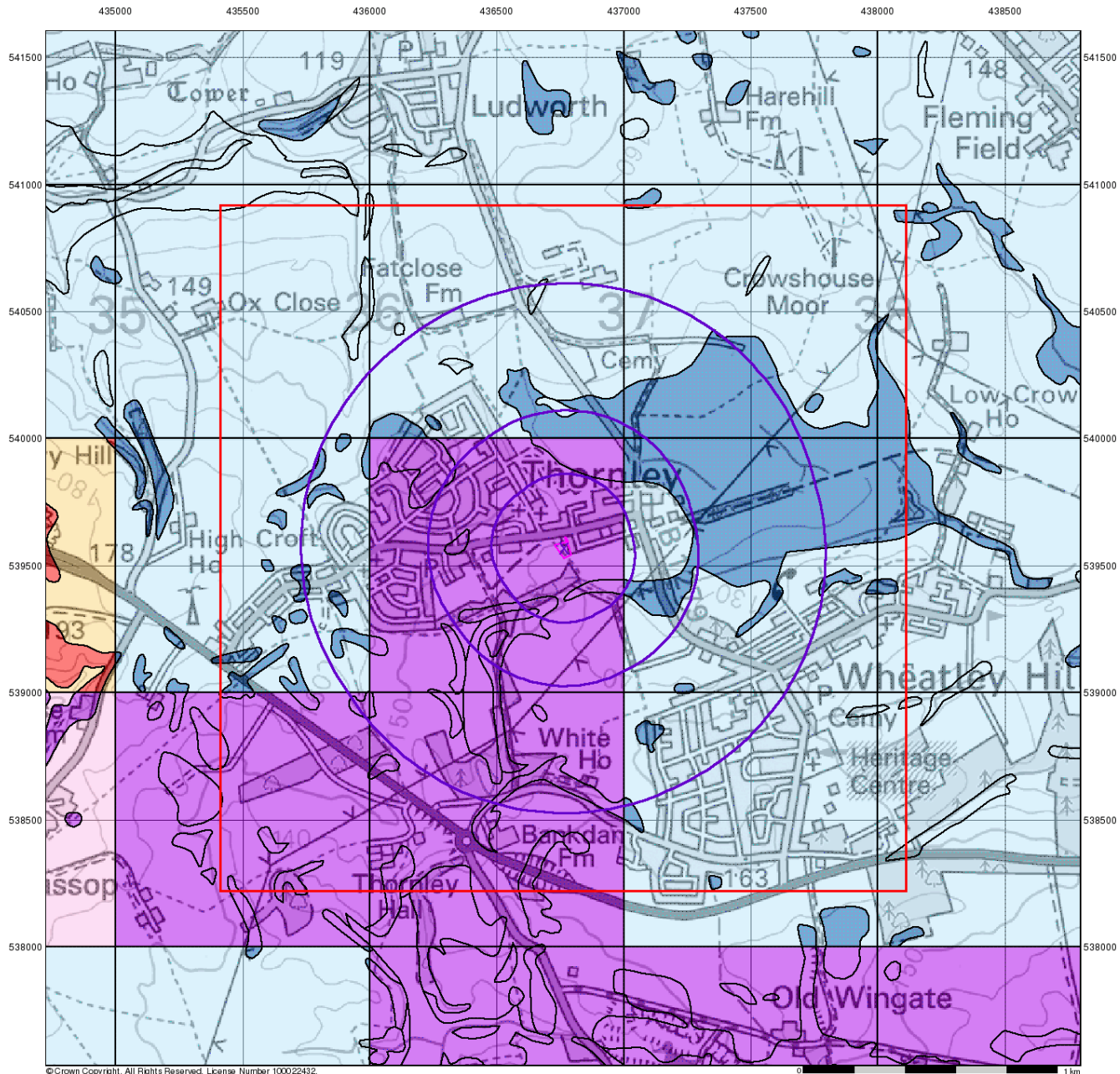
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

**Site Details**

2, Fairview, Thornley, DURHAM, DH6 3BL



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



© Crown Copyright. All Rights Reserved. License Number 100022432.



## Groundwater Vulnerability

### General

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

### Agency and Hydrological

#### Bedrock Aquifers

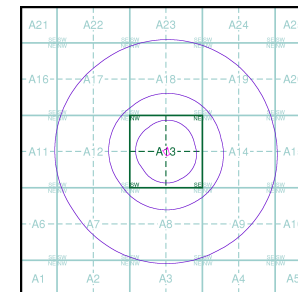
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

#### 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

- Unproductive Aquifer
- Soluble Rock

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

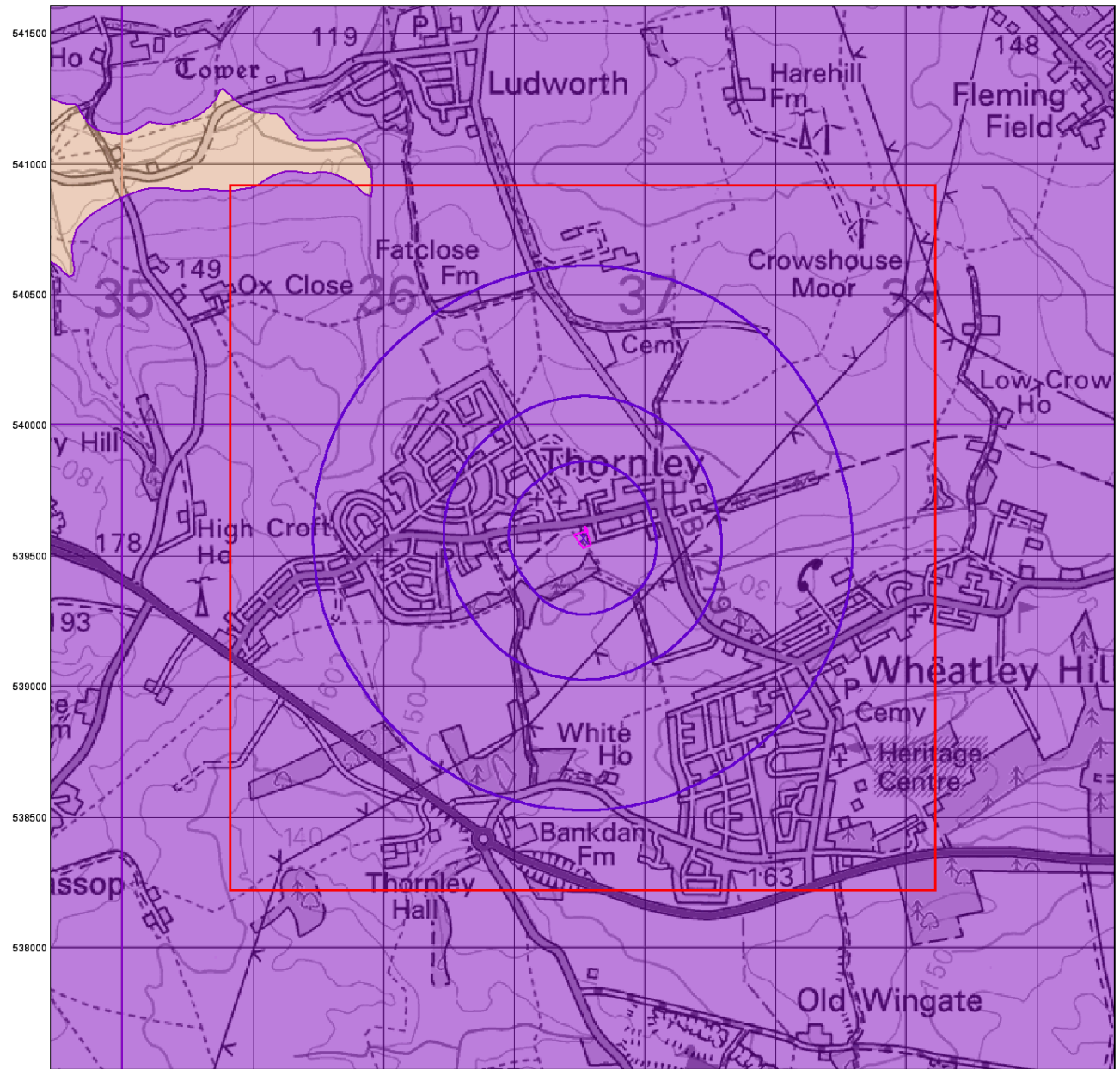
### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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

435000 435500 436000 436500 437000 437500 438000 438500



© Crown Copyright. All Rights Reserved. License Number 100022432.

0 1 km



## Bedrock Aquifer Designation

### General

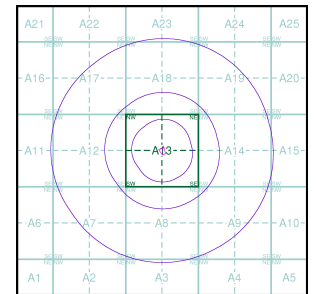
- ◆ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

### 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: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

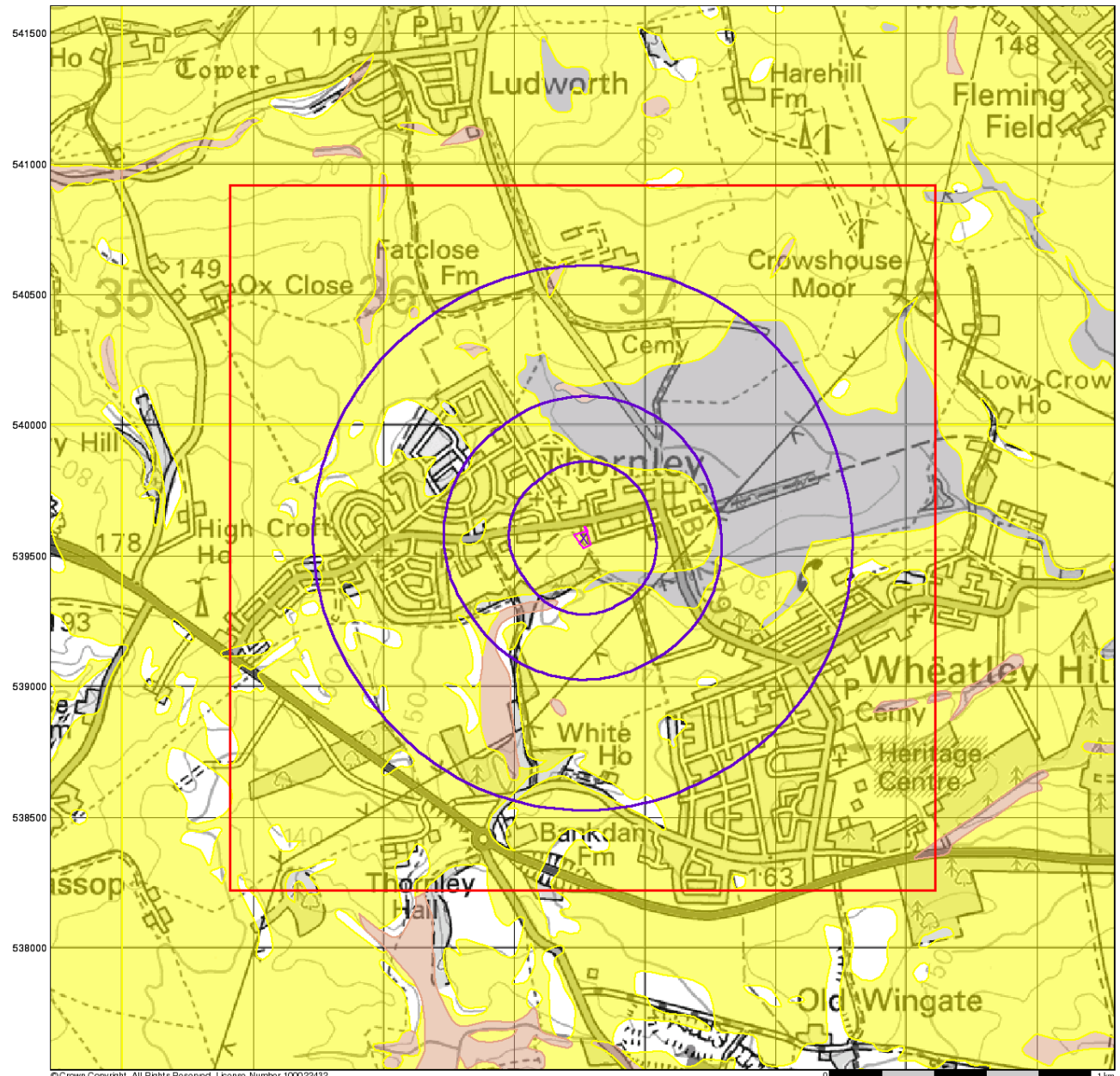
### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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

435000 435500 436000 436500 437000 437500 438000 438500



©Crown Copyright. All Rights Reserved. License Number 100022432.



## Superficial Aquifer Designation

### General

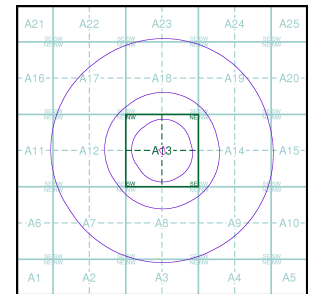
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

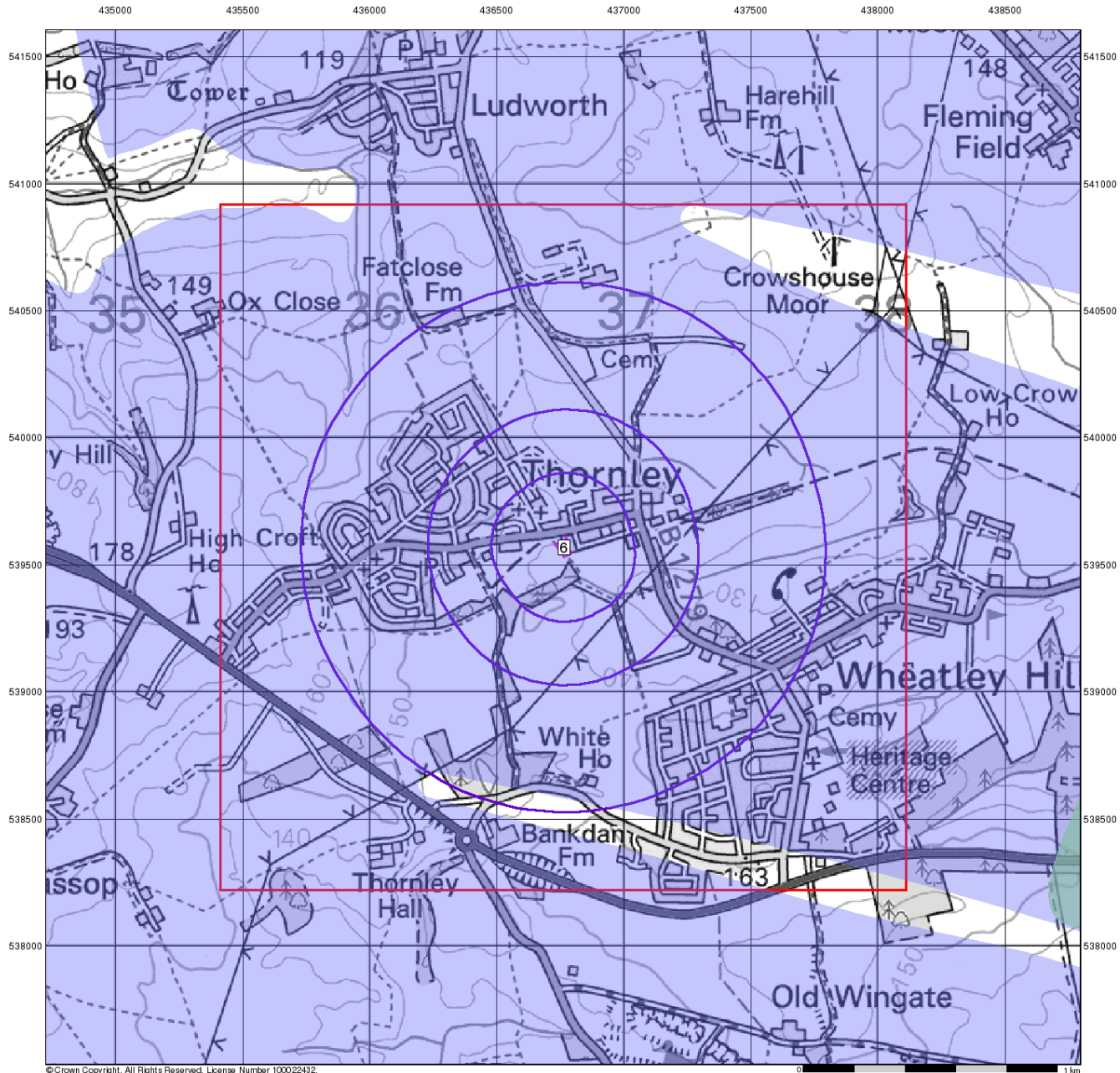
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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



© Crown Copyright. All Rights Reserved. License Number 100022432.



## Source Protection Zones

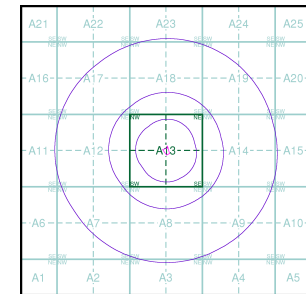
### General

- 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

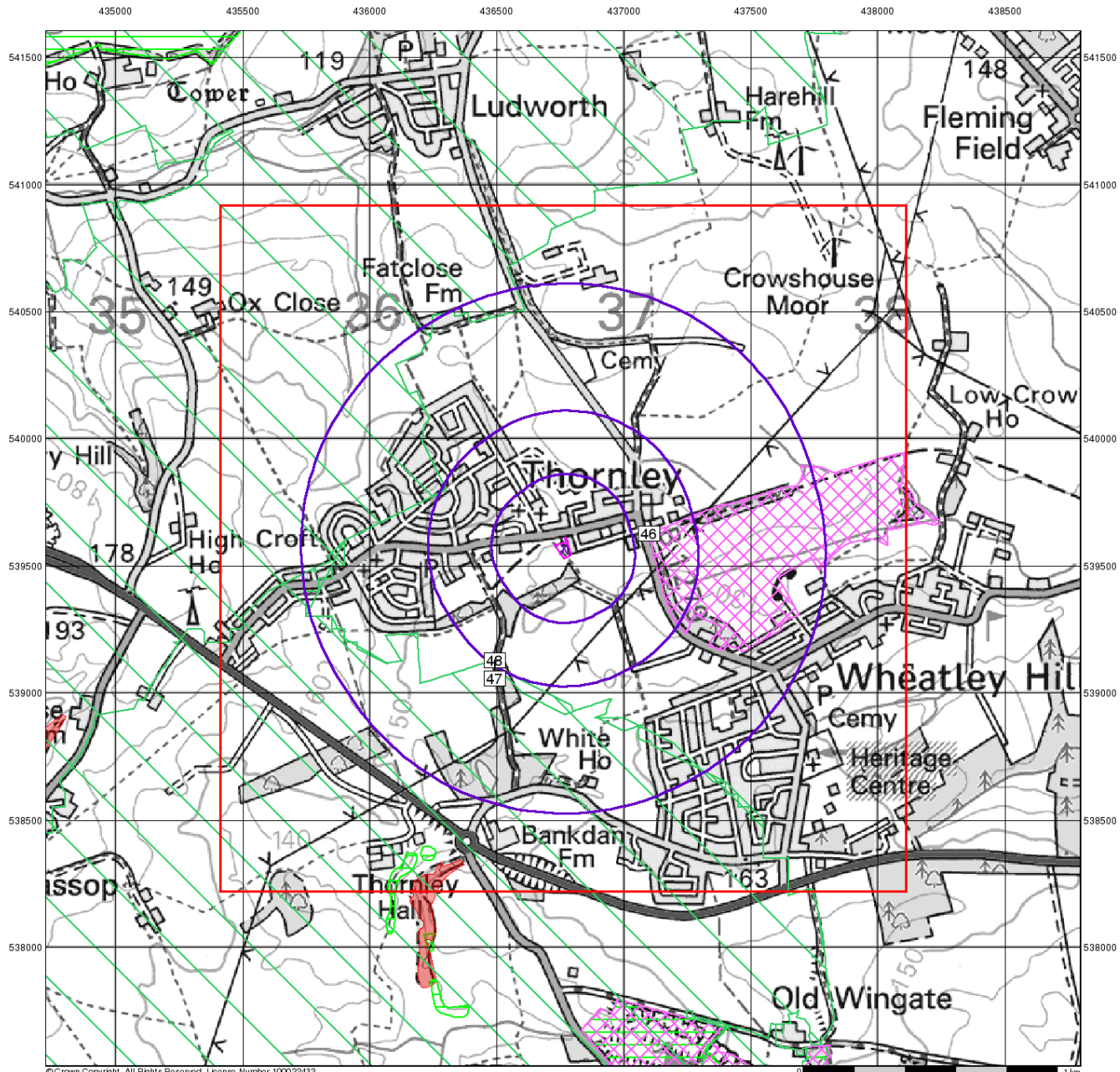
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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



© Crown Copyright. All Rights Reserved. License Number 100022432.



## Sensitive Land Uses

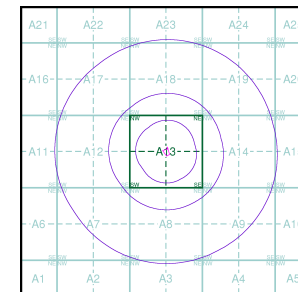
### General

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

### Sensitive Land Uses

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

### Site Sensitivity Context Map - Slice A



### Order Details

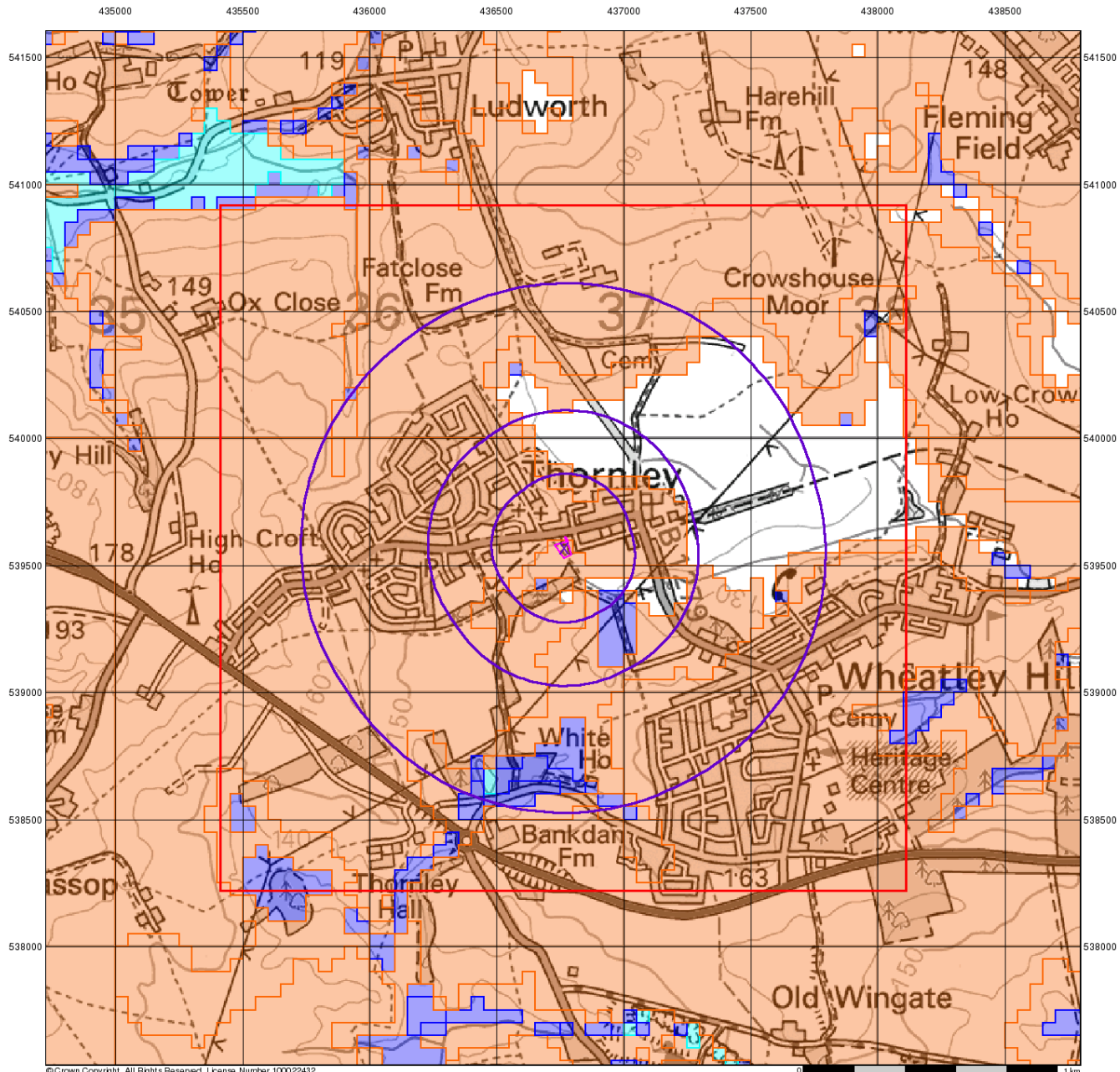
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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



© Crown Copyright. All Rights Reserved. License Number 100022432.



### BGS Flood GFS Data

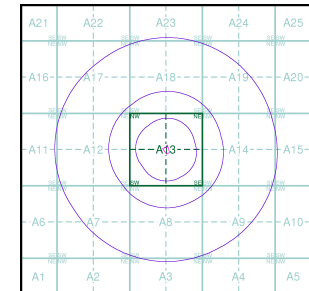
#### General

- 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

Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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



# 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		
	<b>-285</b> 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		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

## 1:10,000 Raster Mapping

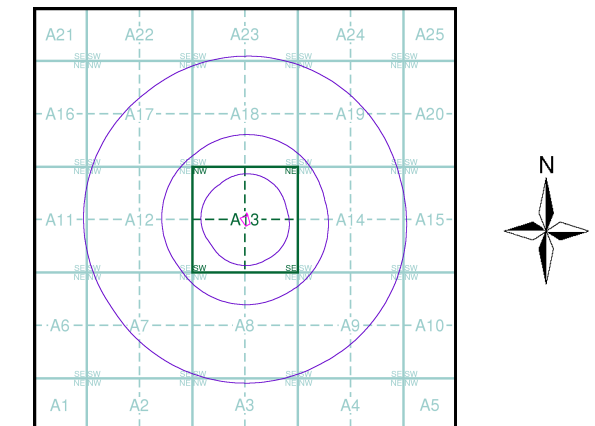
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Durham	1:10,560	1861	2
Durham	1:10,560	1898	3
Durham	1:10,560	1923	4
Durham	1:10,560	1923	5
Ordnance Survey Plan	1:10,000	1951 - 1952	6
Ordnance Survey Plan	1:10,000	1966 - 1967	7
Ordnance Survey Plan	1:10,000	1980 - 1988	8
Ordnance Survey Plan	1:10,000	1991 - 1993	9
10K Raster Mapping	1:10,000	2000	10
Street View	Variable		11

## Historical Map - Slice A



## Order Details

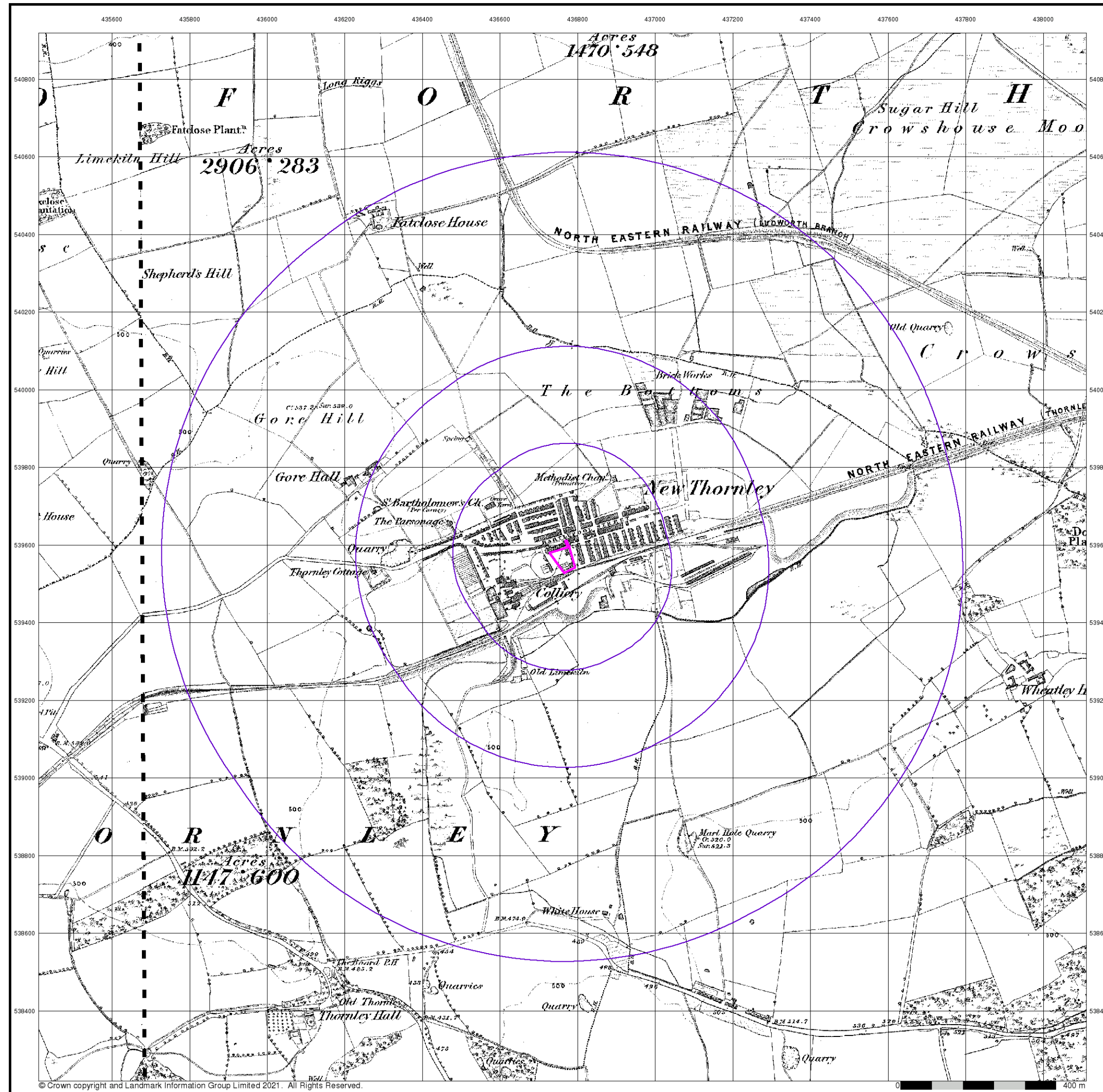
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

## Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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



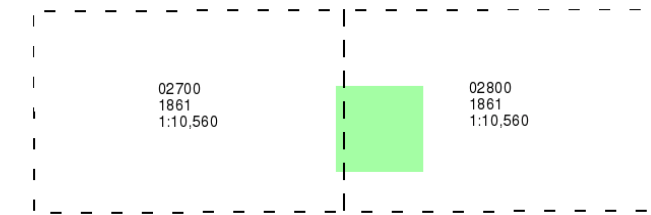
**Durham**

**Published 1861**

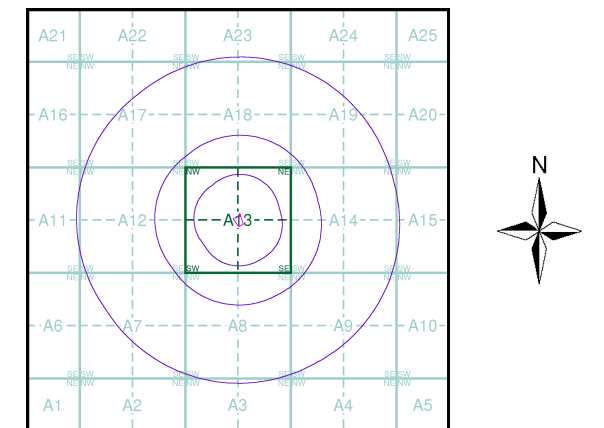
**Source map scale - 1:10,560**

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: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

**Site Details**

2, Fairview, Thornley, DURHAM, DH6 3BL



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



**Durham**

**Published 1898**

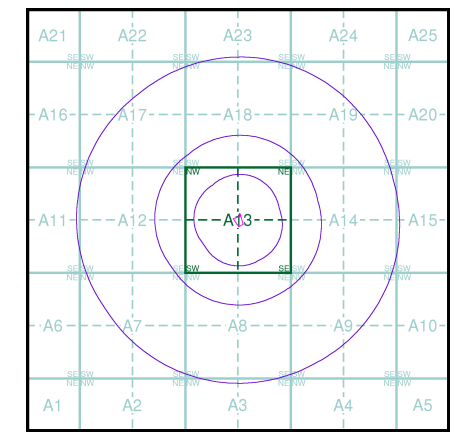
**Source map scale - 1:10,560**

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)**

027NE 1898 1:10,560	028NW 1898 1:10,560
027SE 1898 1:10,560	028SW 1898 1:10,560

**Historical Map - Slice A**



**Order Details**

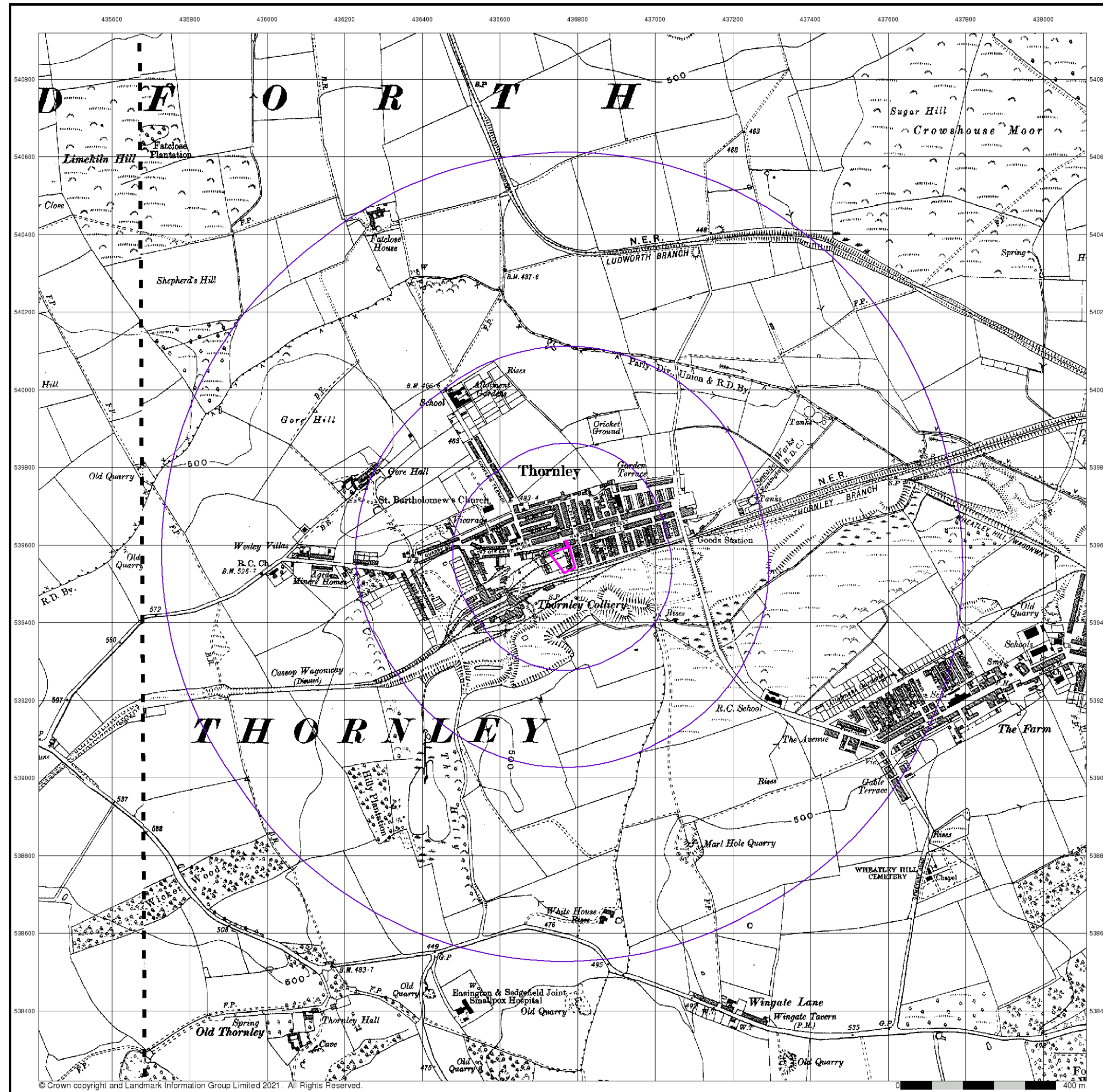
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

**Site Details**

2, Fairview, Thornley, DURHAM, DH6 3BL



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



**Durham**

**Published 1923**

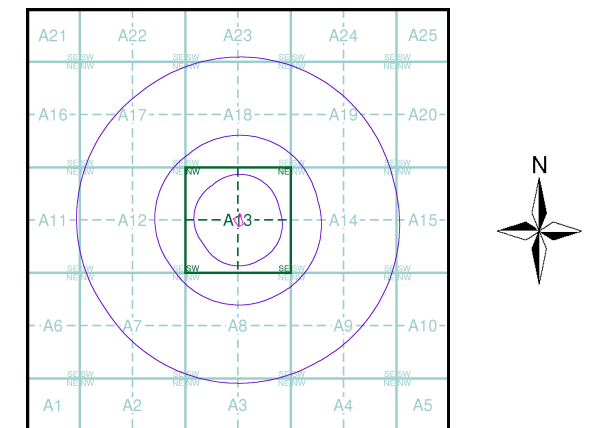
**Source map scale - 1:10,560**

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 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)**

02700 1923 1:10,560		02800 1923 1:10,560
---------------------------	--	---------------------------

**Historical Map - Slice A**



**Order Details**

Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

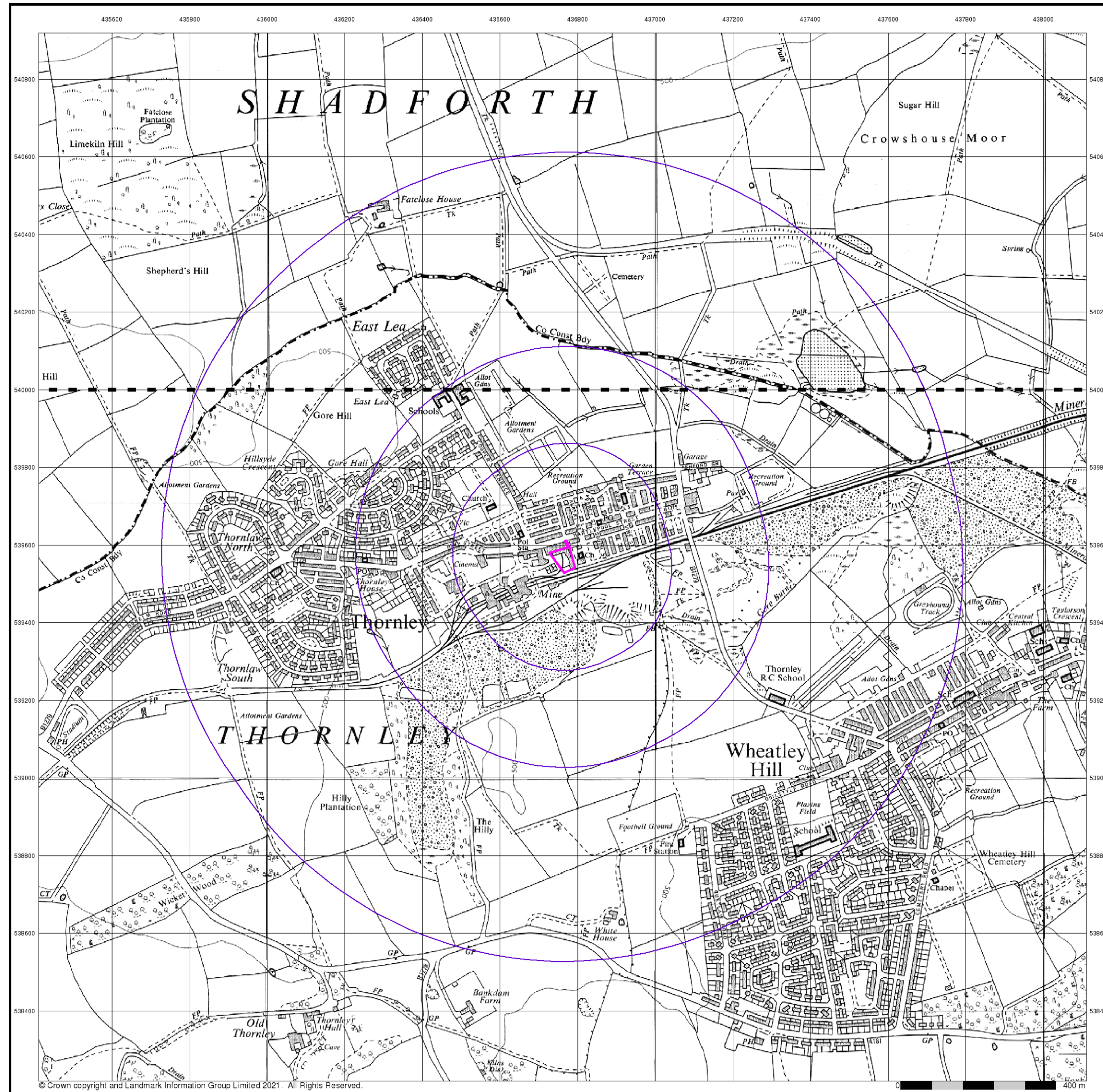
**Site Details**

2, Fairview, Thornley, DURHAM, DH6 3BL



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





### Ordnance Survey Plan

Published 1966 - 1967

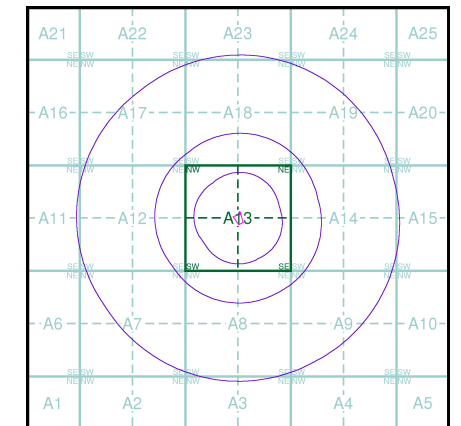
Source map scale - 1:10,000

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)

NZ34SE	1967	1:10,560
NZ33NE	1966	1:10,560

### Historical Map - Slice A



### Order Details

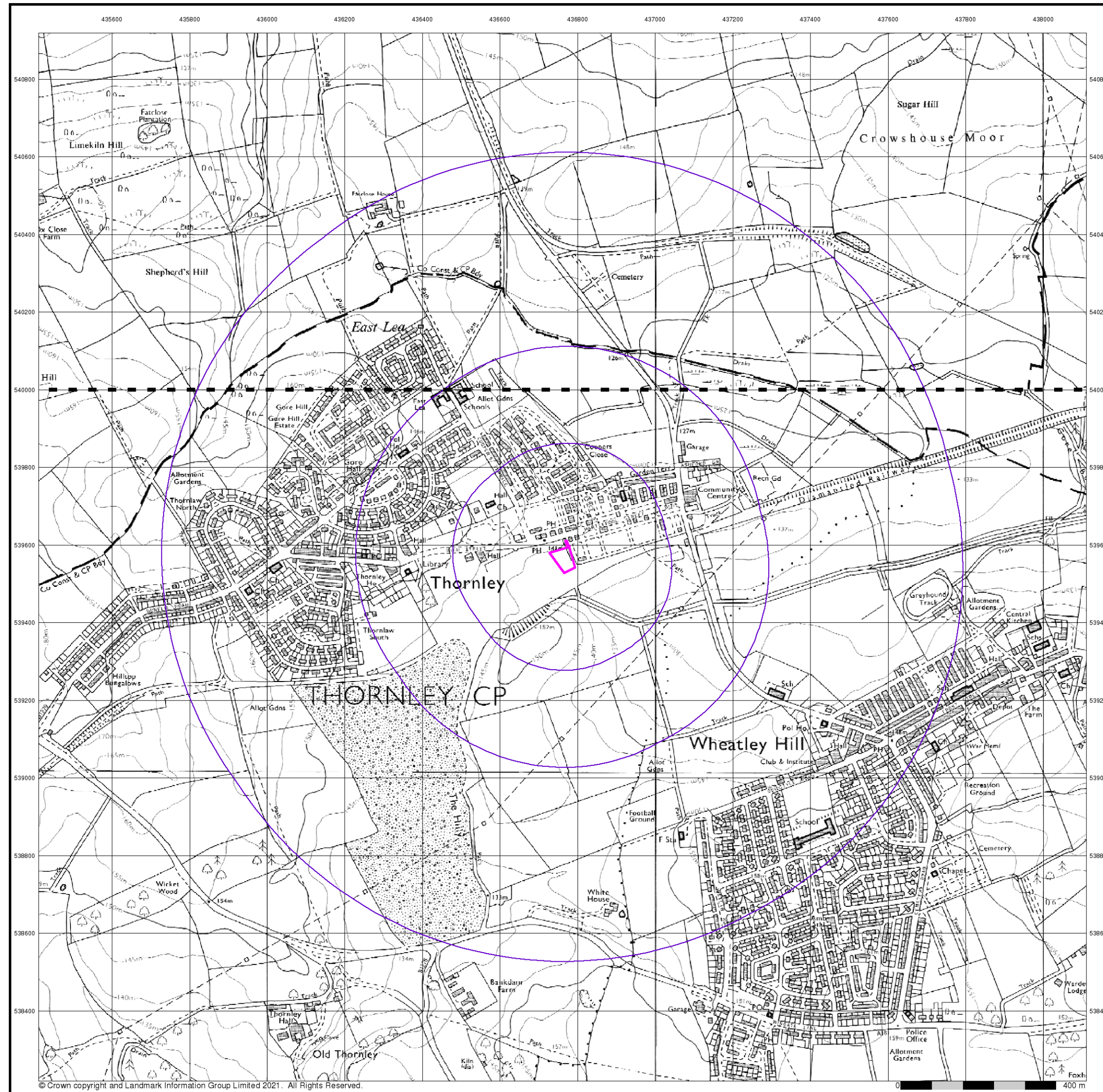
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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



## Ordnance Survey Plan

Published 1980 - 1988

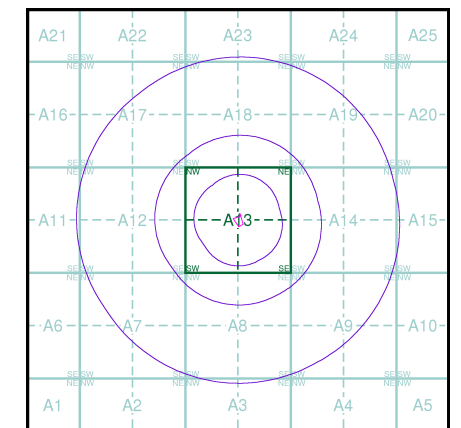
Source map scale - 1:10,000

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)

NZ34SE	1988
1:10,000	
NZ33NE	1980
1:10,000	

### Historical Map - Slice A



### Order Details

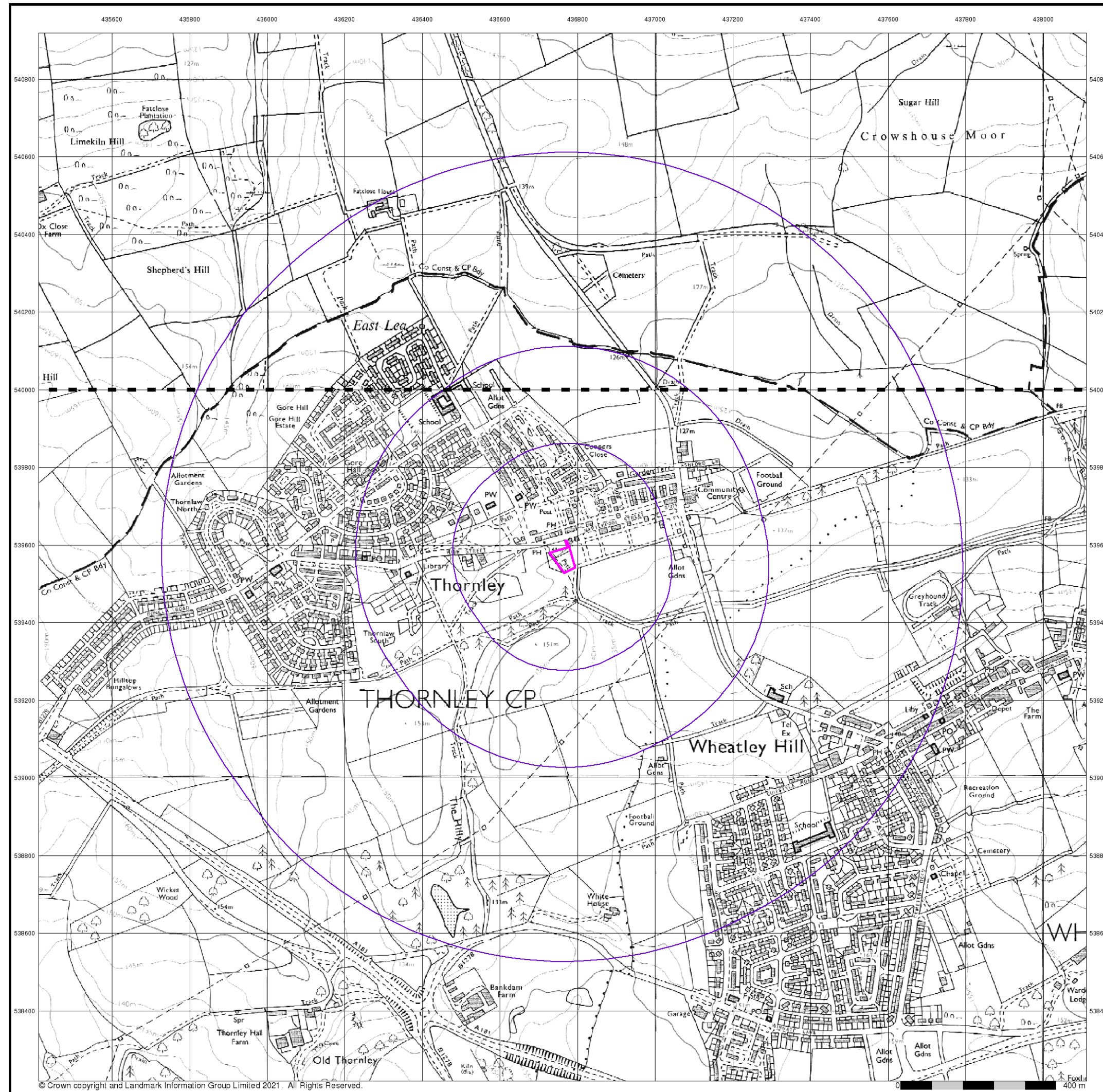
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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



### Ordnance Survey Plan

Published 1991 - 1993

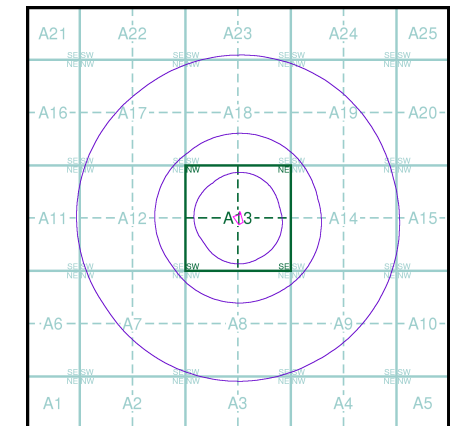
Source map scale - 1:10,000

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

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

NZ34SE	1991	1:10,000
NZ33NE	1993	1:10,000

### Historical Map - Slice A



### Order Details

Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

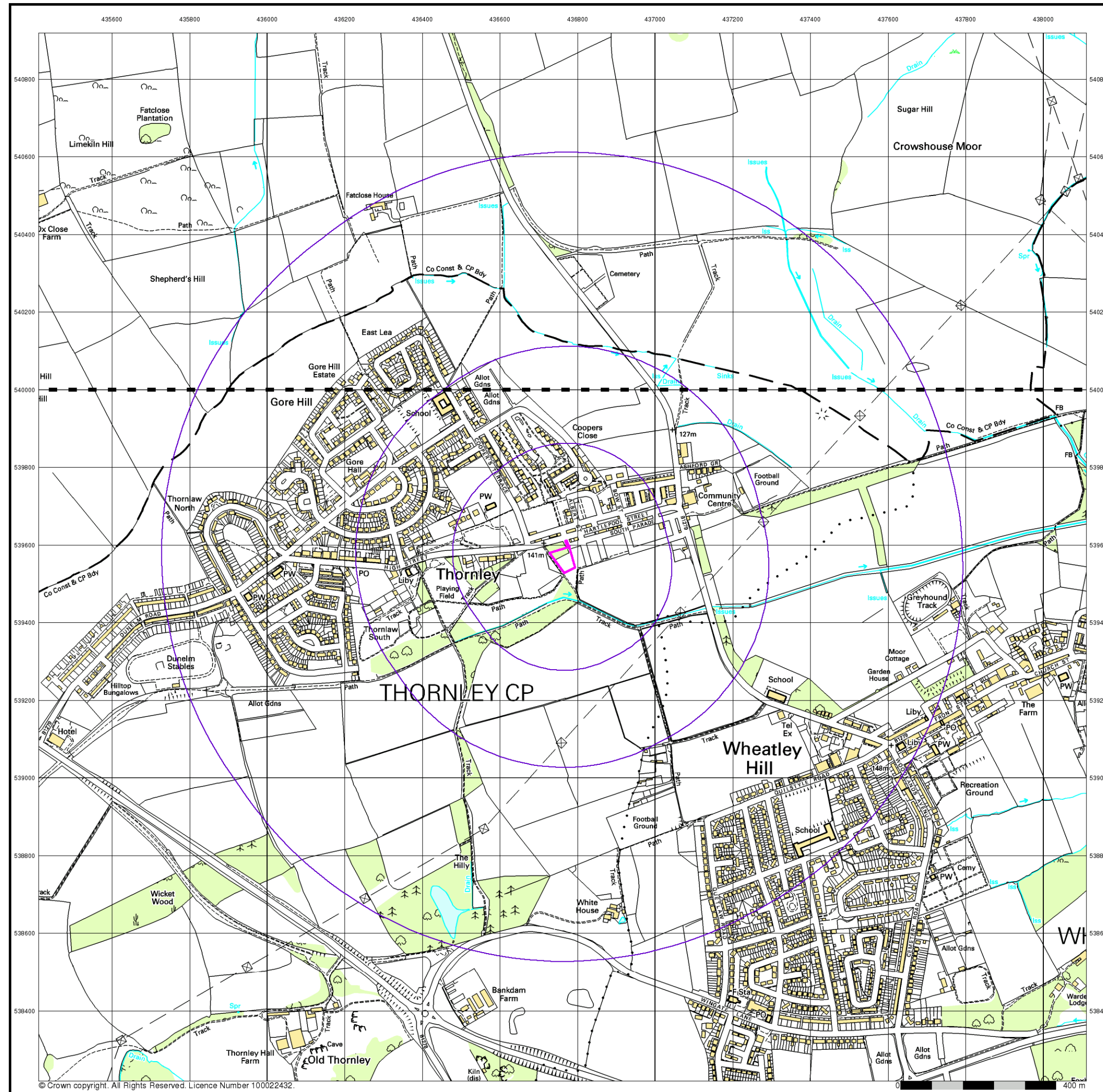
### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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





### 10k Raster Mapping

Published 2000

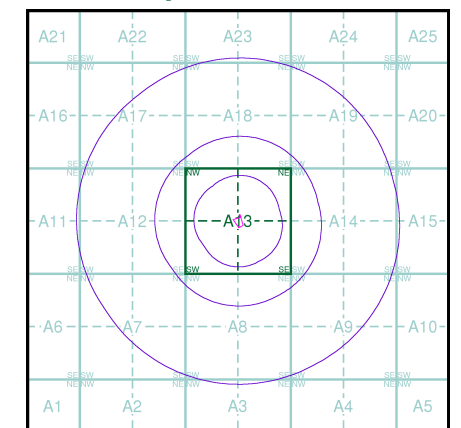
Source map scale - 1:10,000

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

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

NZ34SE	2000	1:10,000
NZ33NE	2000	1:10,000

### Historical Map - Slice A



### Order Details

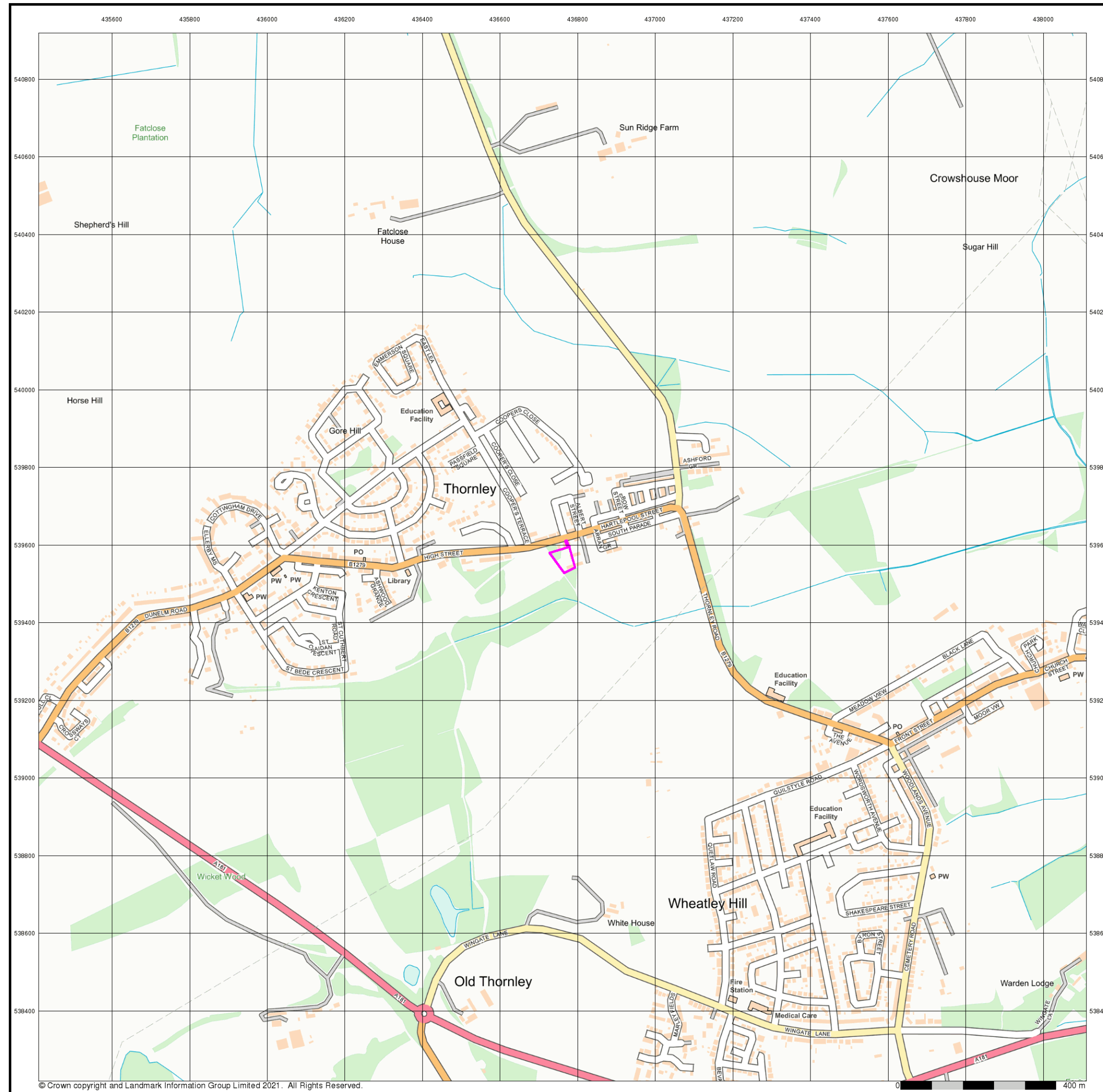
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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



© Crown copyright and Landmark Information Group Limited 2021. All Rights Reserved.



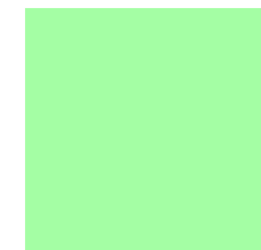
### Street View

Published 2021

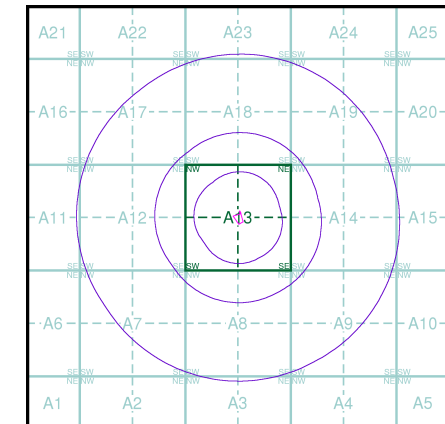
Source map scale - 1:10,000

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

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



### Street View Map - Slice A



### Order Details

Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 1000

### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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

# 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

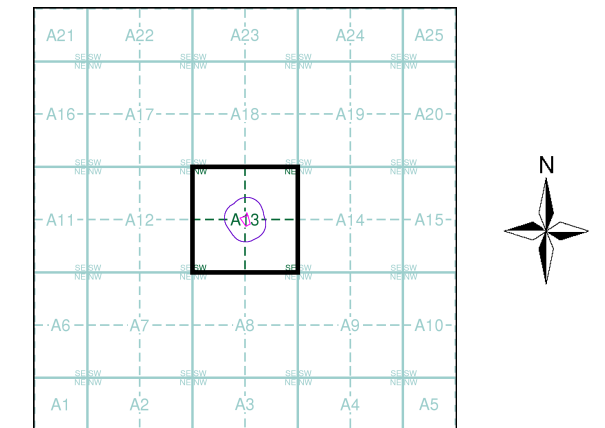
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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	1857	2
Durham	1:2,500	1895	3
Durham	1:2,500	1897	4
Durham	1:2,500	1919	5
Durham	1:2,500	1939	6
Ordnance Survey Plan	1:2,500	1958 - 1959	7
Ordnance Survey Plan	1:2,500	1972	8
Additional SIMs	1:2,500	1977	9
Additional SIMs	1:2,500	1982	10
Ordnance Survey Plan	1:2,500	1985	11
Additional SIMs	1:2,500	1985	12
Large-Scale National Grid Data	1:2,500	1993	13
Large-Scale National Grid Data	1:2,500	1994	14
Large-Scale National Grid Data	1:2,500	1996	15

## Historical Map - Segment A13



## Order Details

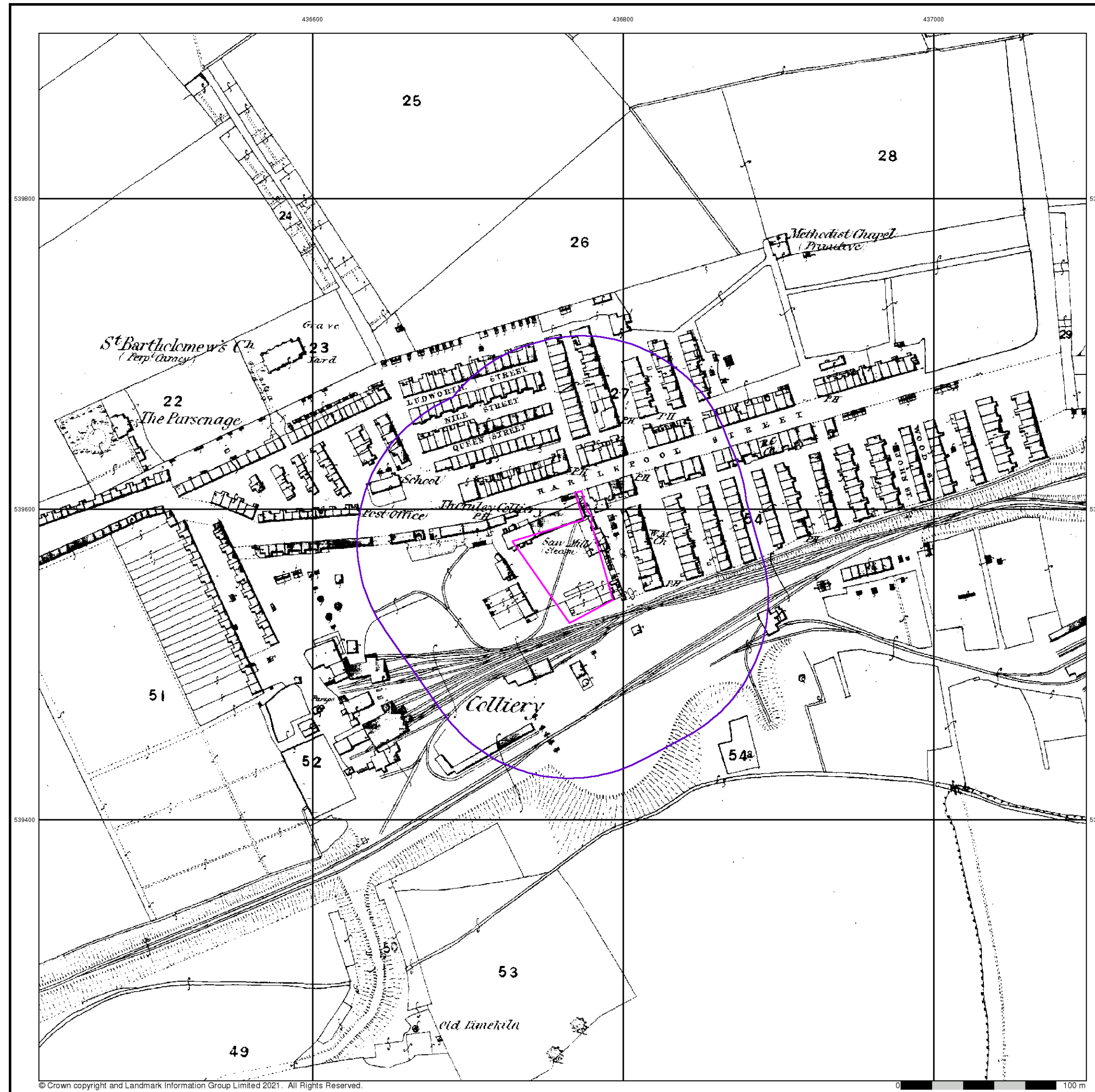
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 100

## Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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



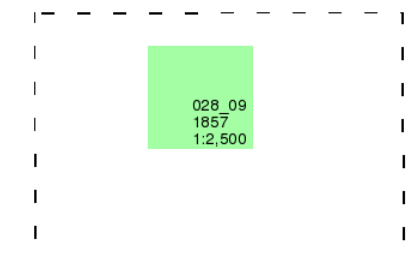
## Durham

Published 1857

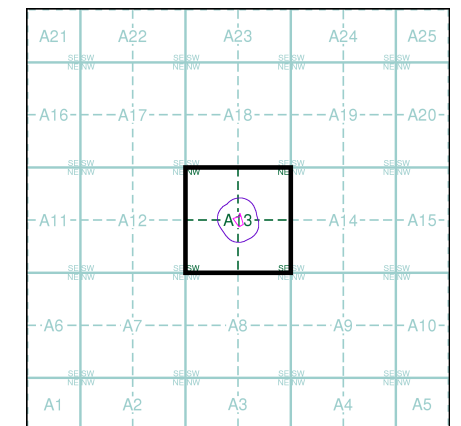
Source map scale - 1:2,500

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

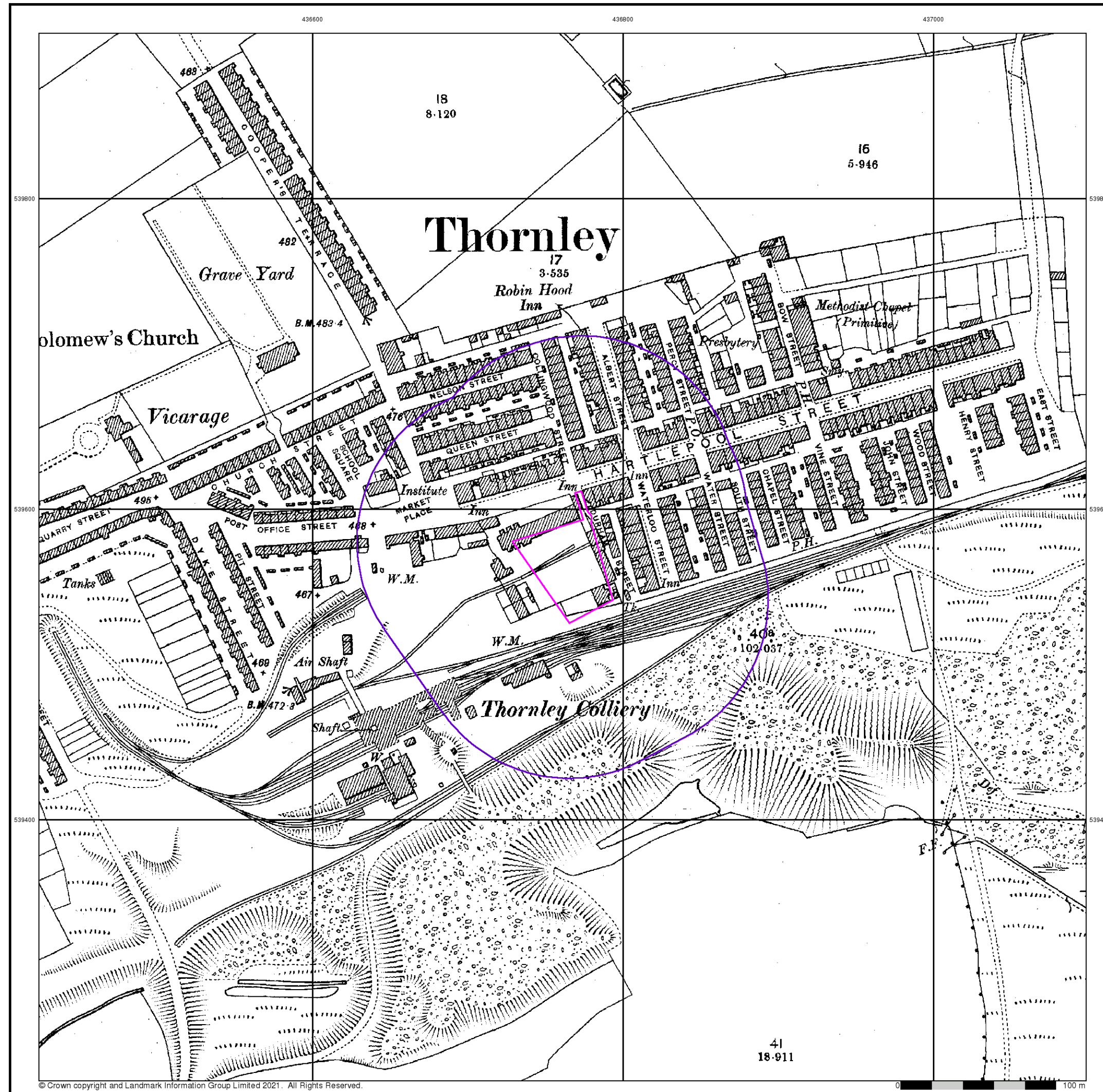
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 100

### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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



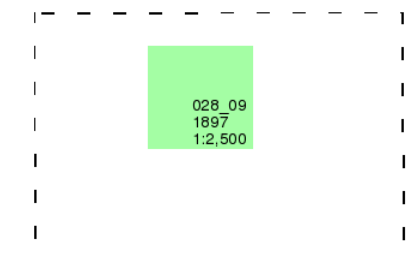
**Durham**

**Published 1897**

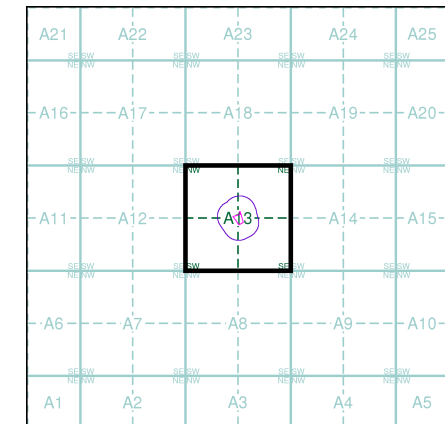
**Source map scale - 1:2,500**

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**

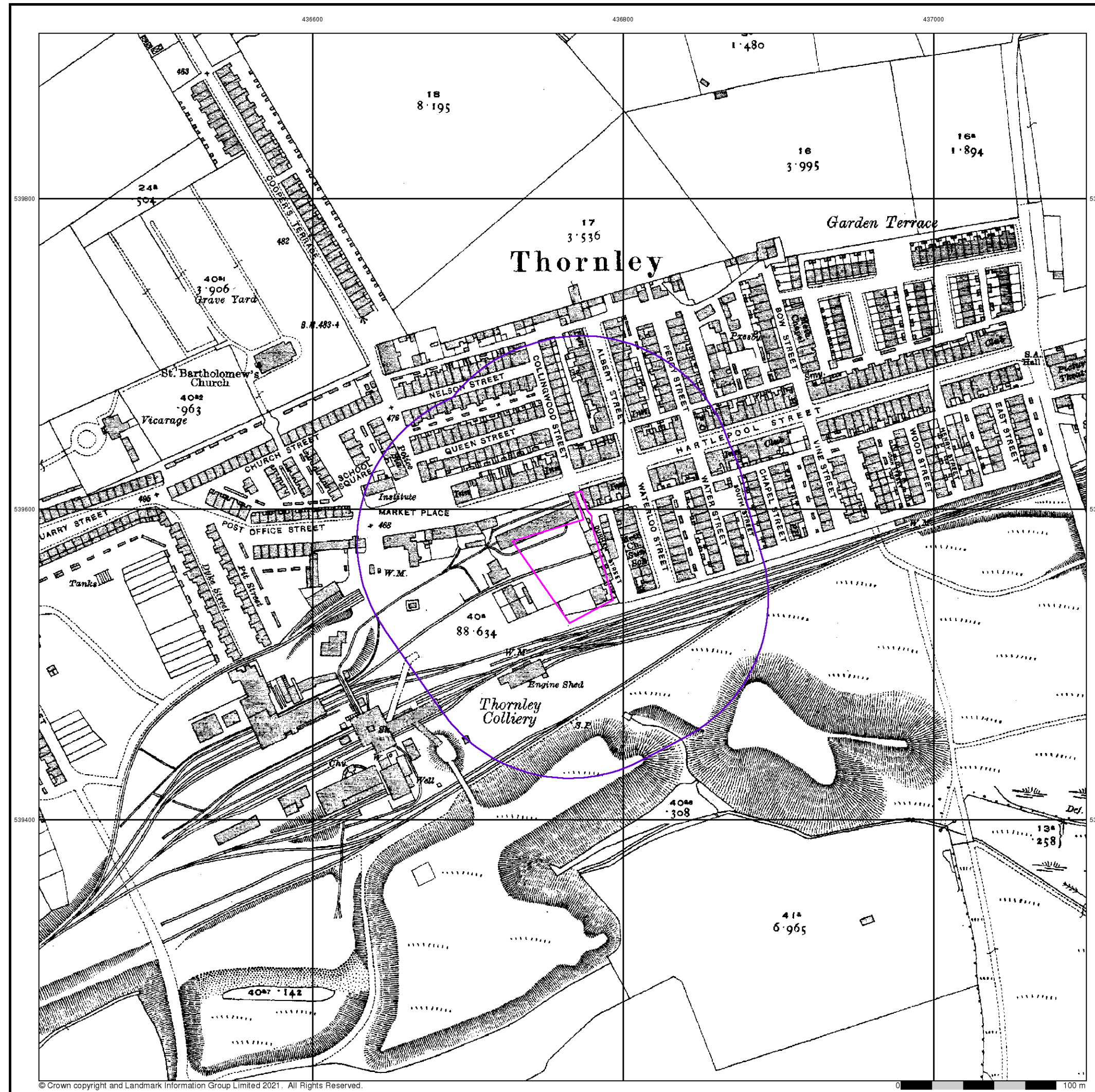
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 100

**Site Details**

2, Fairview, Thornley, DURHAM, DH6 3BL



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



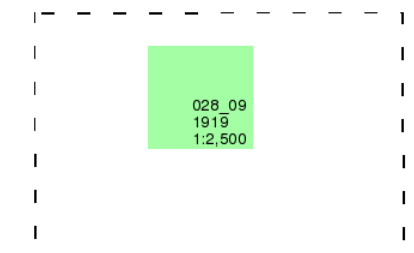
**Durham**

**Published 1919**

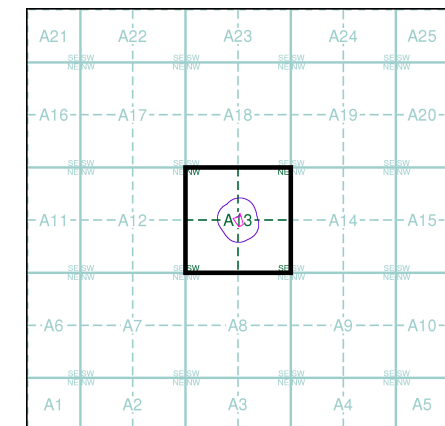
**Source map scale - 1:2,500**

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**

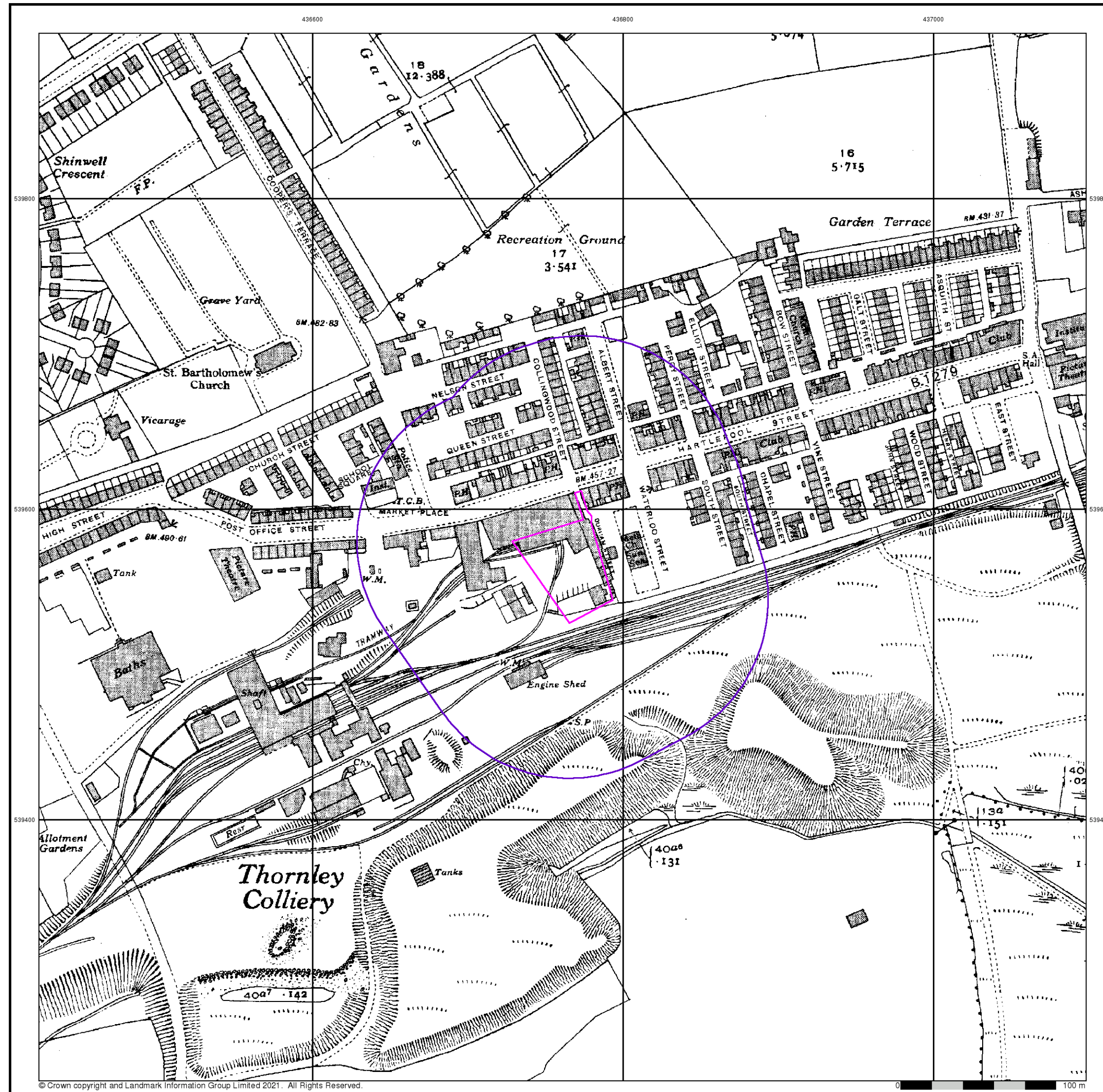
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 100

**Site Details**

2, Fairview, Thornley, DURHAM, DH6 3BL



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



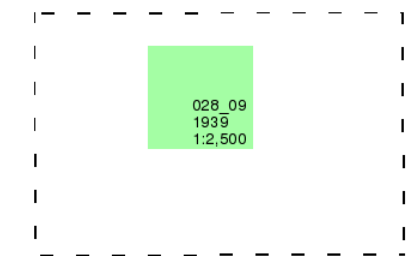
## Durham

Published 1939

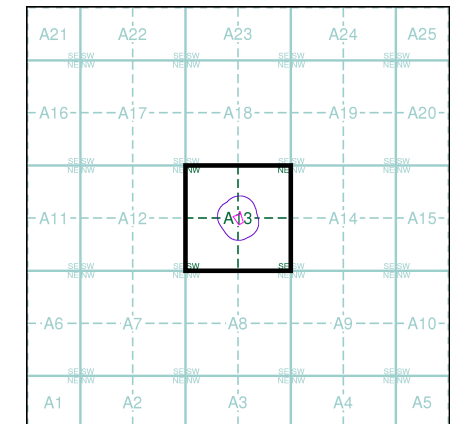
Source map scale - 1:2,500

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

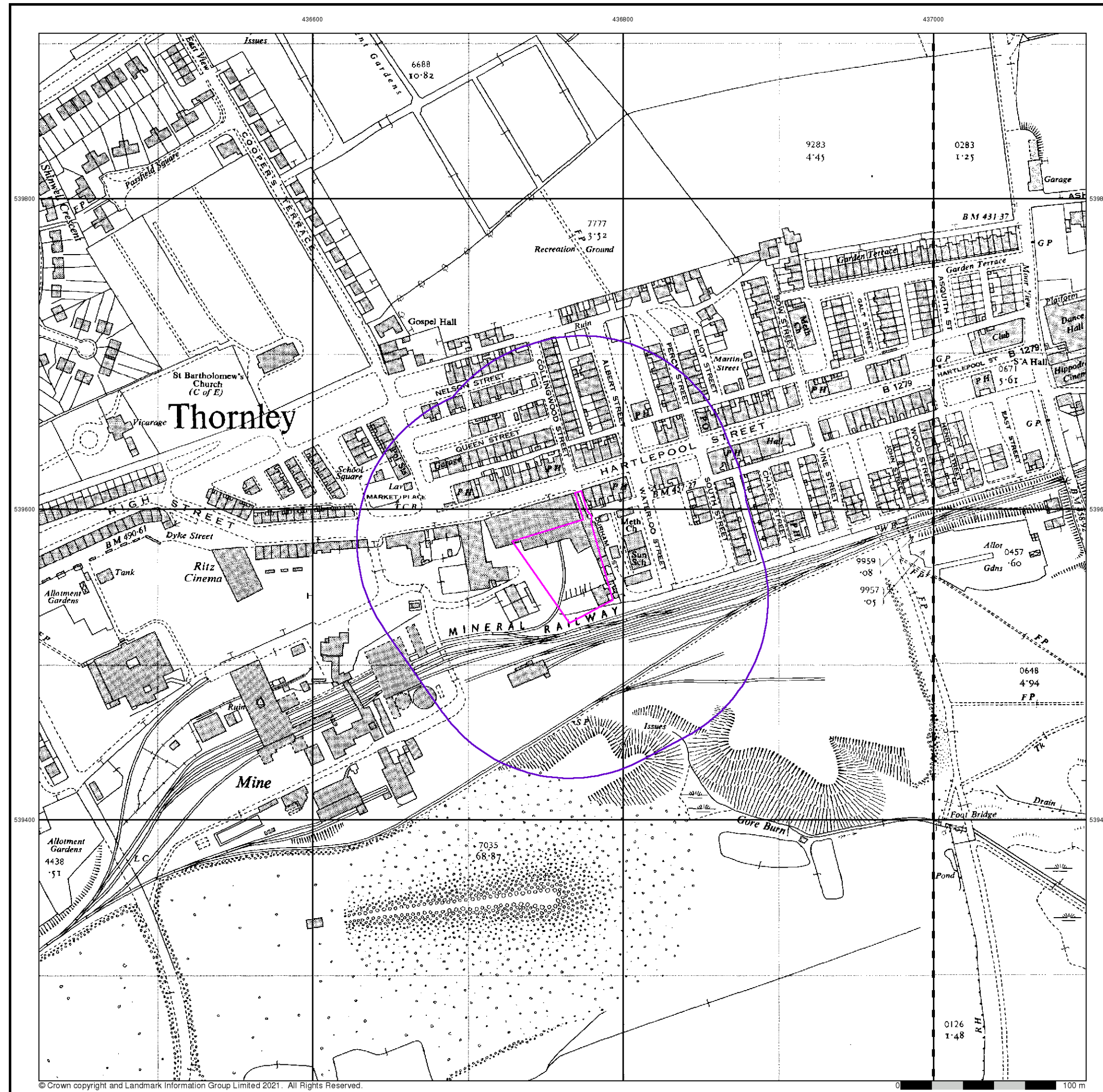
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 100

### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



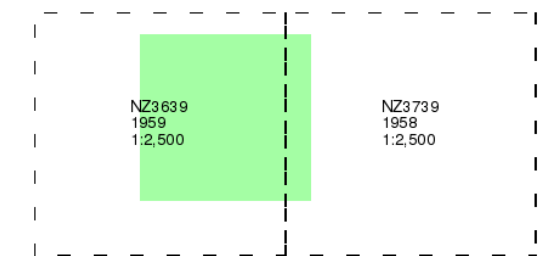
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



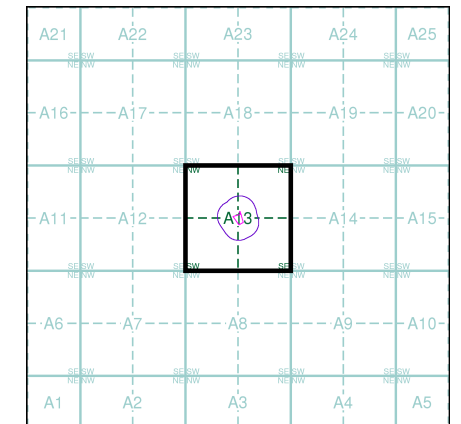
**Ordnance Survey Plan**  
**Published 1958 - 1959**  
**Source map scale - 1:2,500**

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: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 100

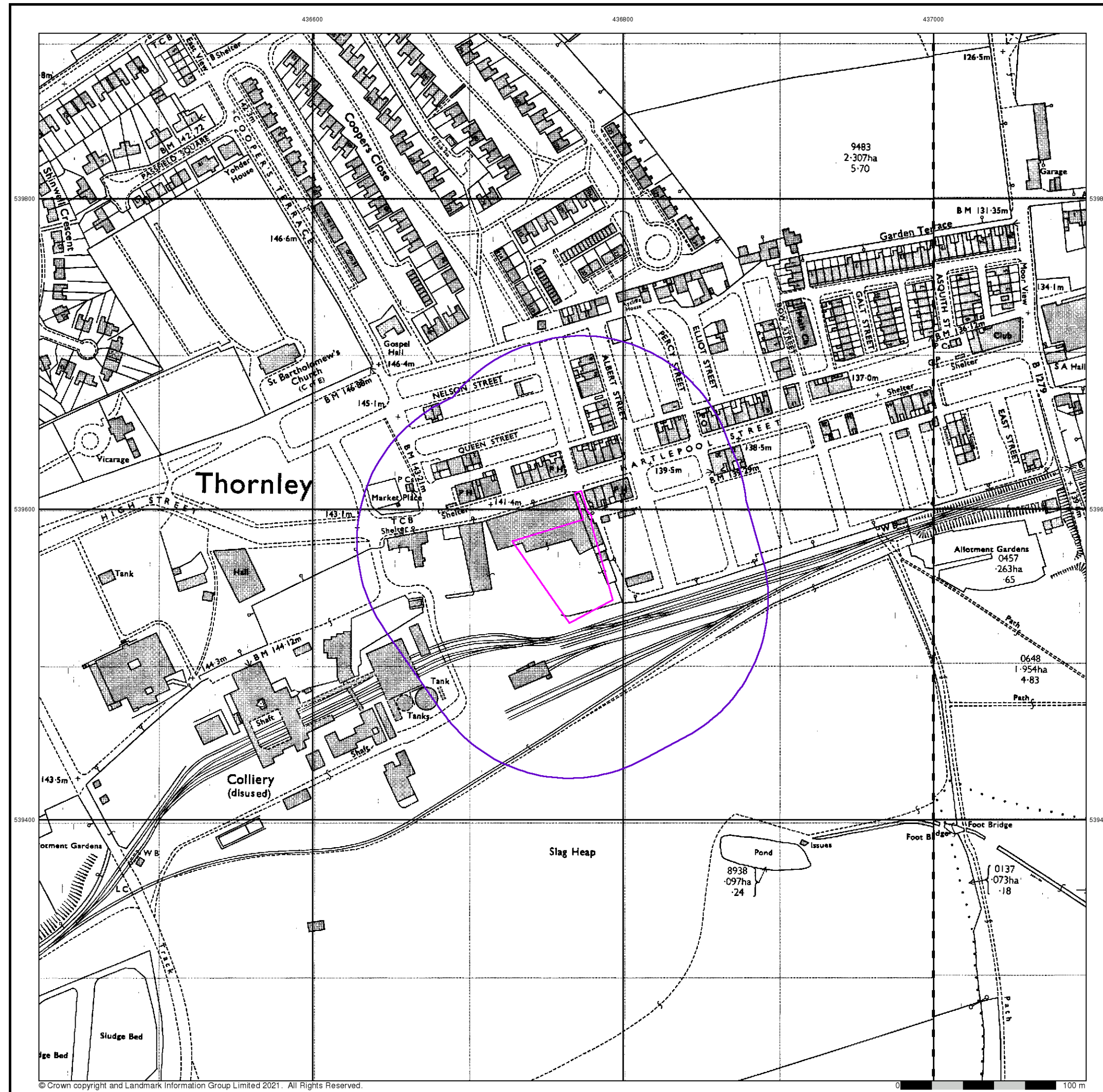
**Site Details**

2, Fairview, Thornley, DURHAM, DH6 3BL



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





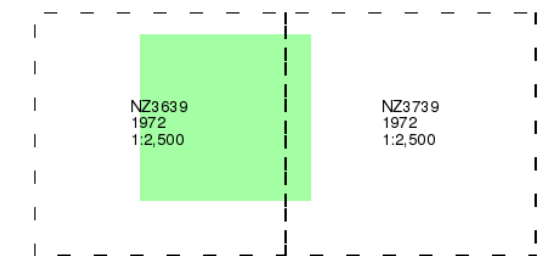
## Ordnance Survey Plan

Published 1972

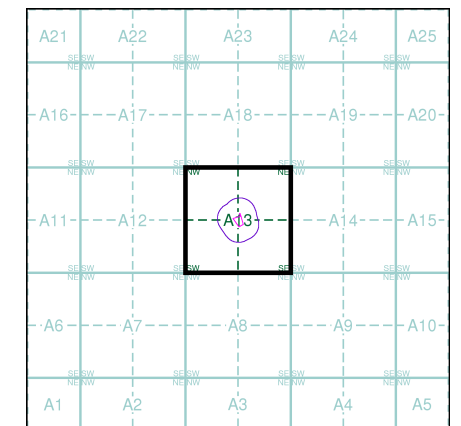
Source map scale - 1:2,500

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

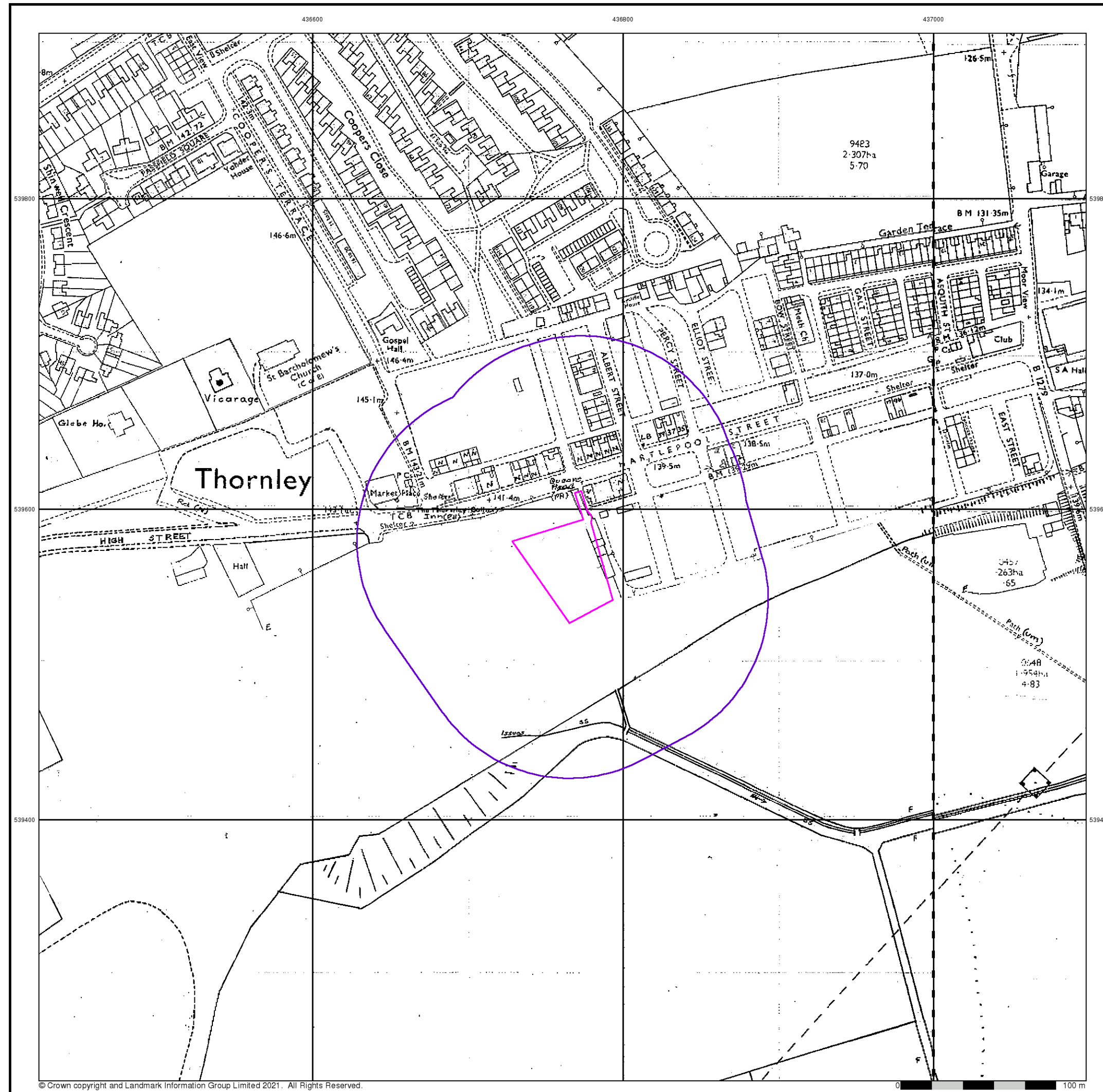
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 100

### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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



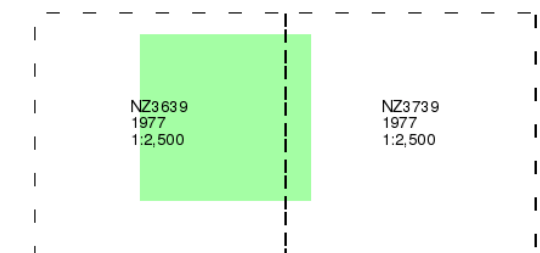
### Additional SIMs

Published 1977

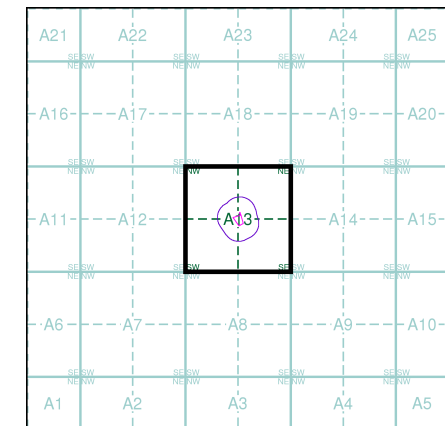
Source map scale - 1:2,500

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

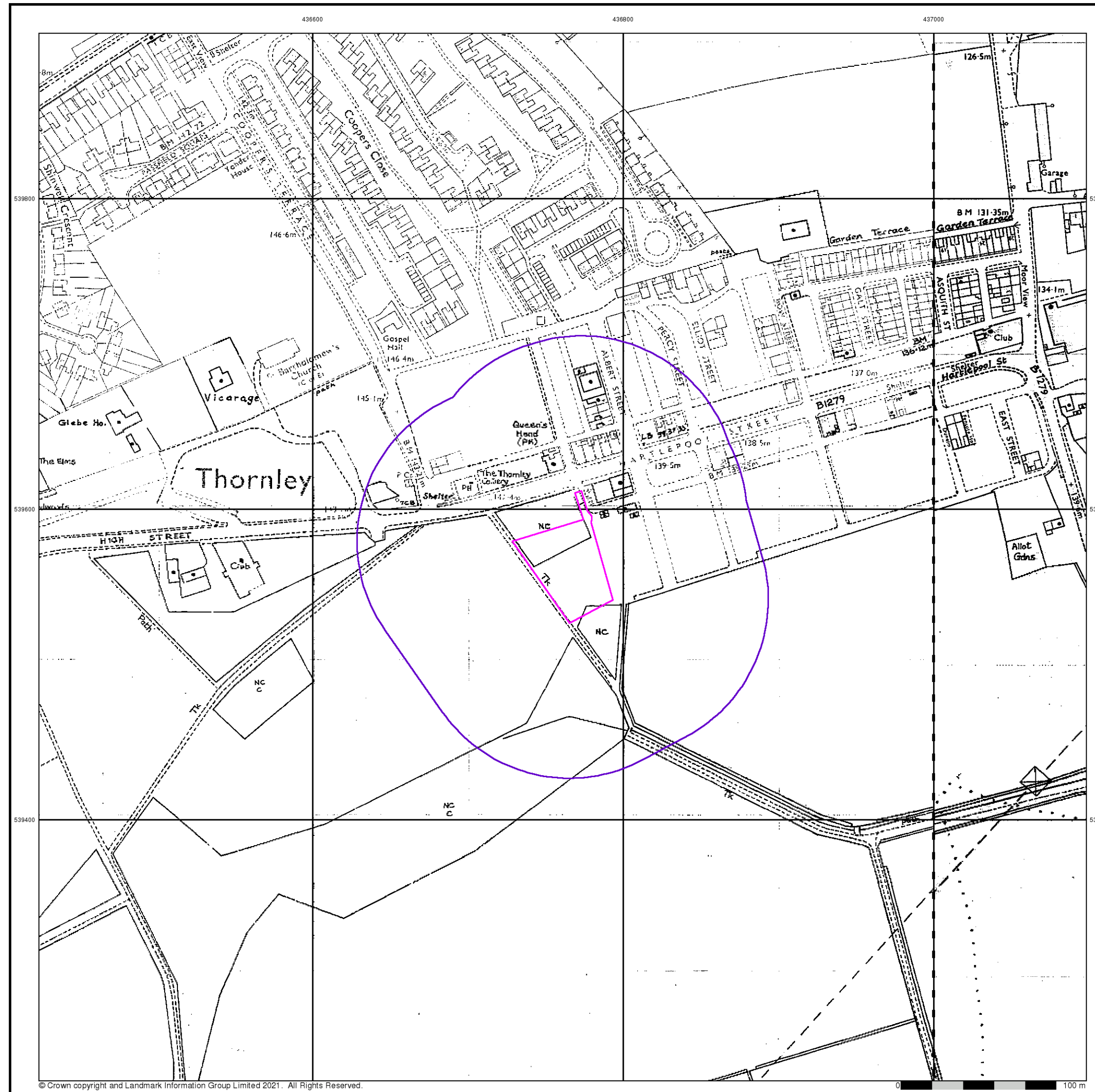
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 100

### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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



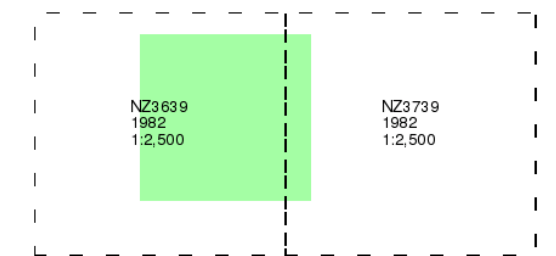
**Additional SIMs**

**Published 1982**

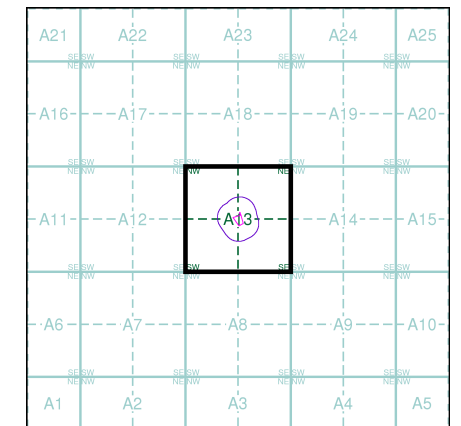
**Source map scale - 1:2,500**

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**

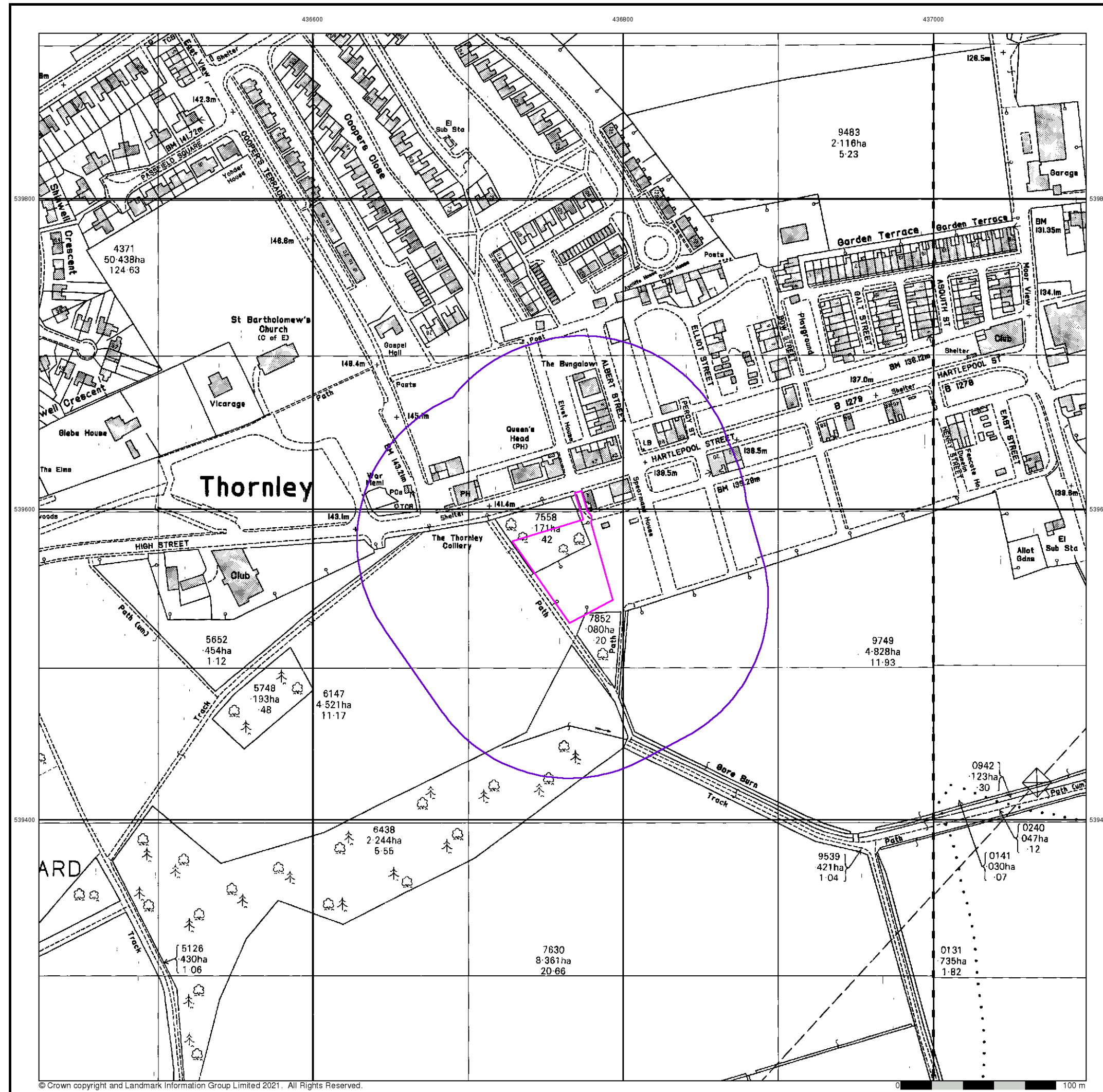
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 100

**Site Details**

2, Fairview, Thornley, DURHAM, DH6 3BL



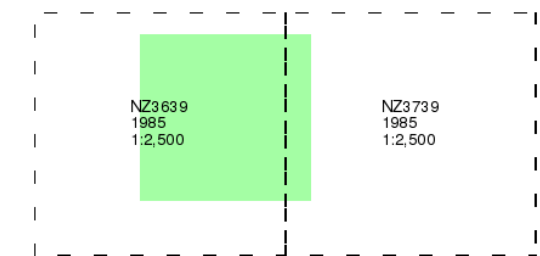
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



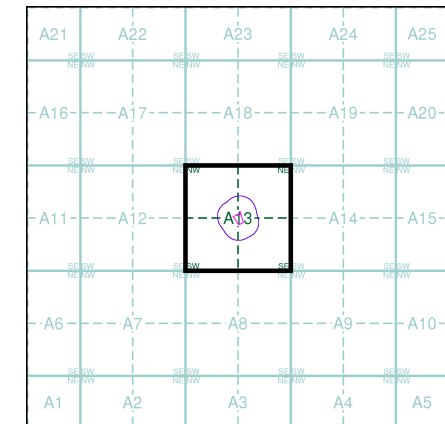
**Ordnance Survey Plan**  
**Published 1985**  
**Source map scale - 1:2,500**

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**

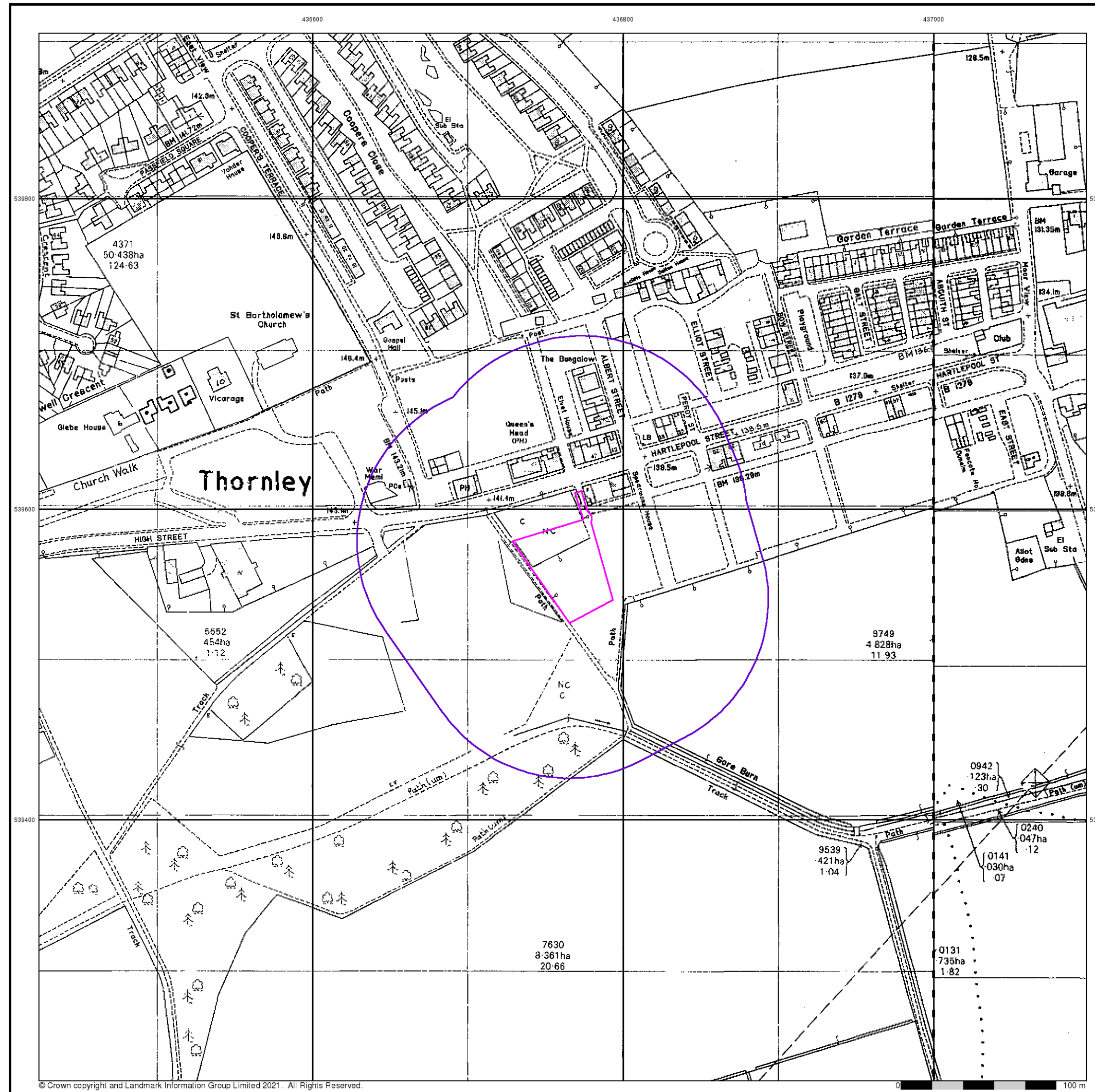
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 100

**Site Details**

2, Fairview, Thornley, DURHAM, DH6 3BL



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



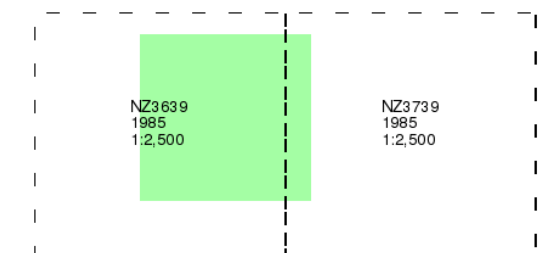
**Additional SIMs**

**Published 1985**

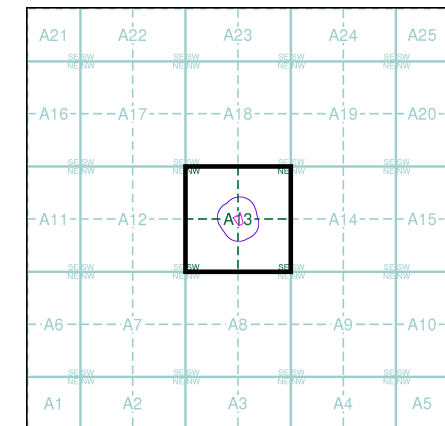
**Source map scale - 1:2,500**

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)**



**Historical Map - Segment A13**



**Order Details**

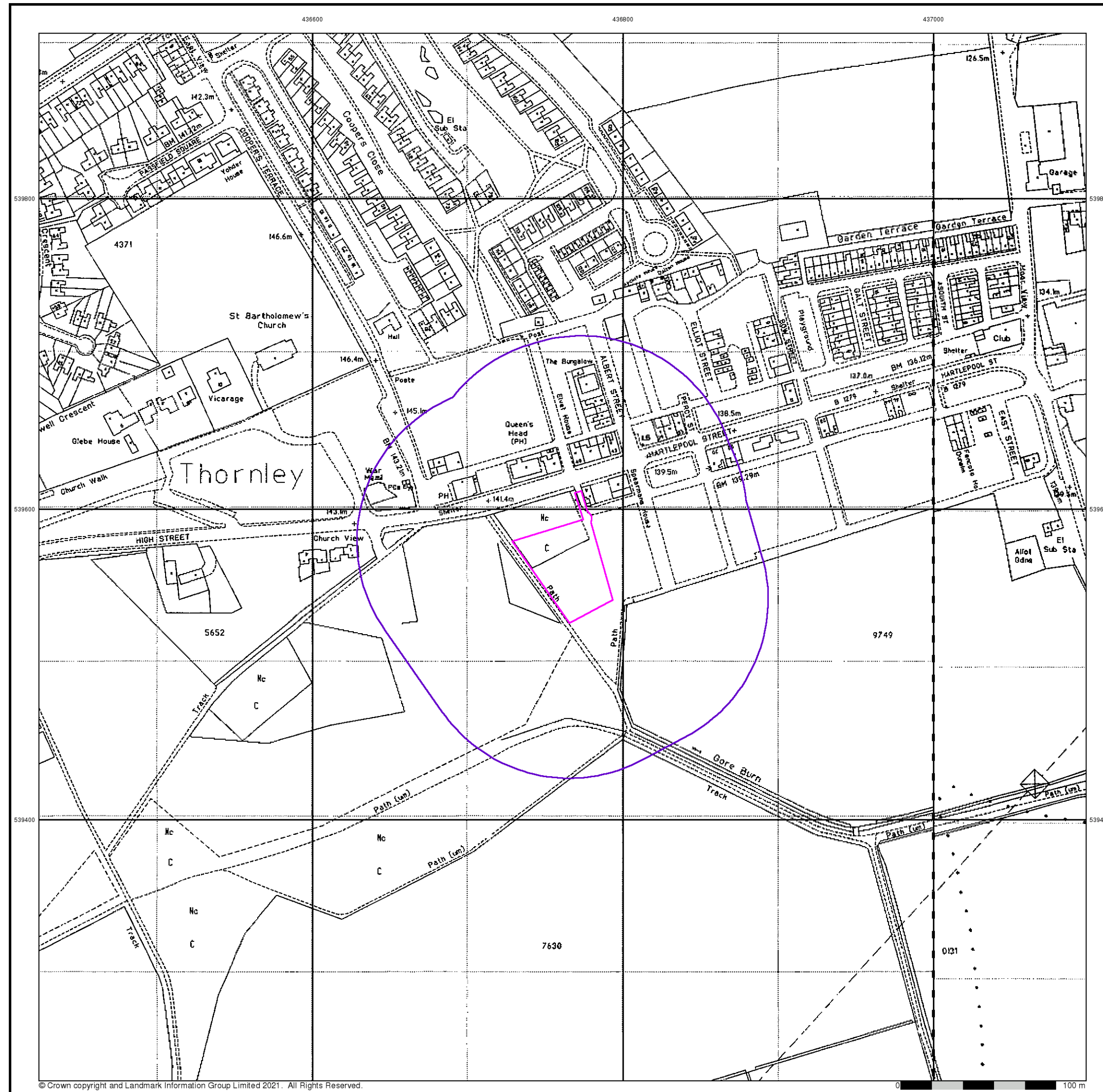
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 100

**Site Details**

2, Fairview, Thornley, DURHAM, DH6 3BL



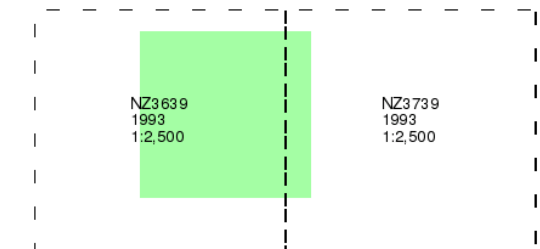
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



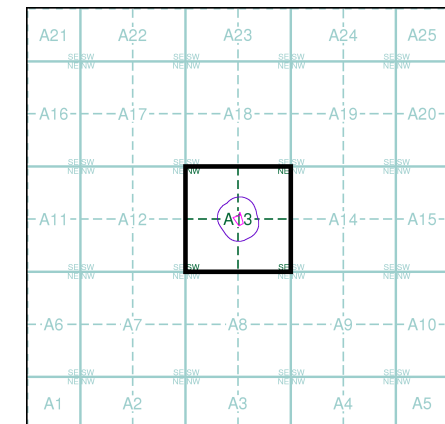
**Large-Scale National Grid Data**  
**Published 1993**  
**Source map scale - 1:2,500**

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

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



**Historical Map - Segment A13**



**Order Details**

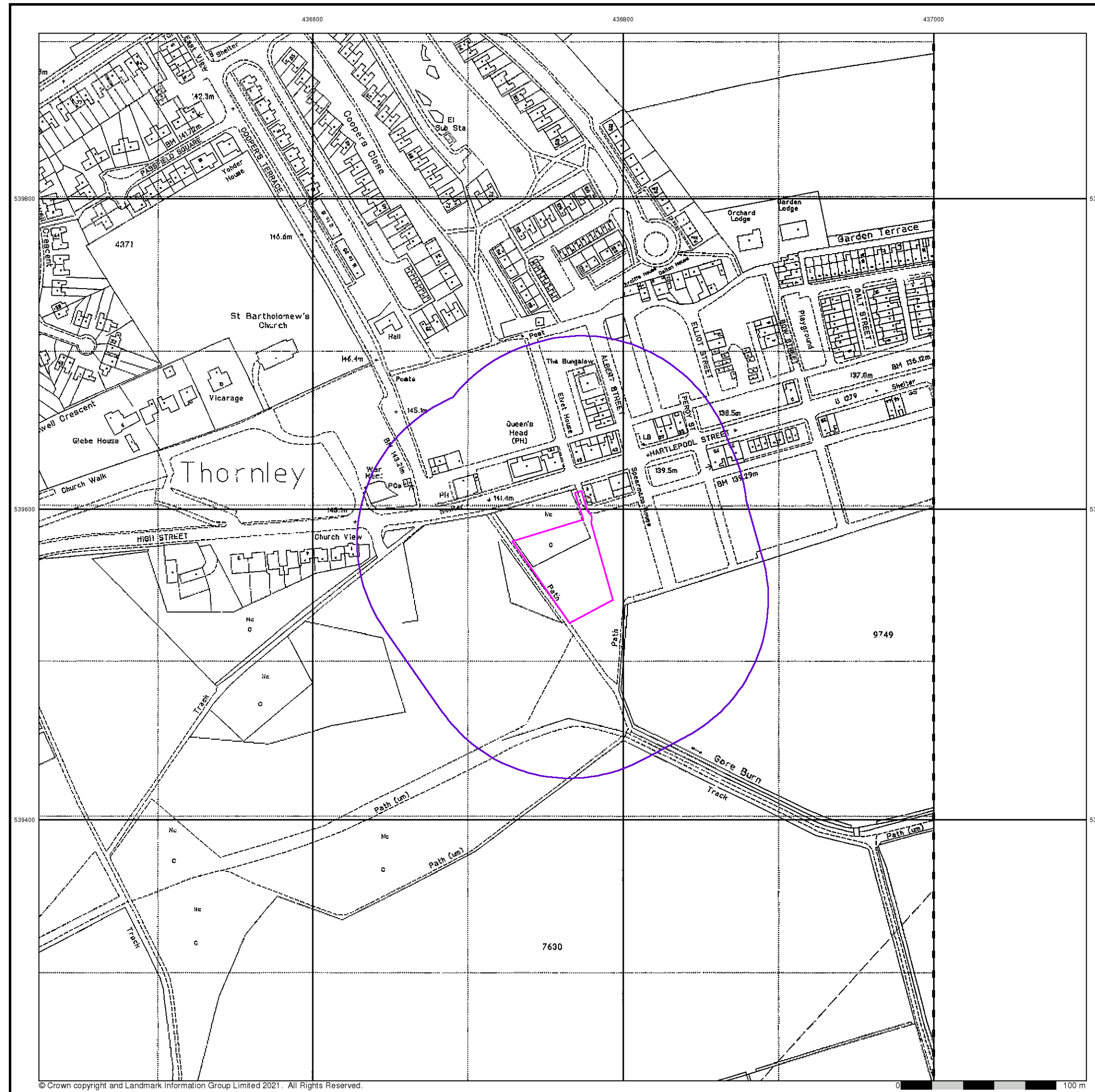
Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 100

**Site Details**

2, Fairview, Thornley, DURHAM, DH6 3BL



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



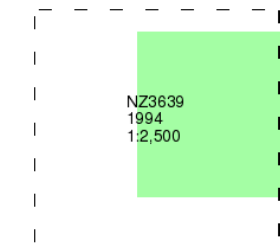
## Large-Scale National Grid Data

Published 1994

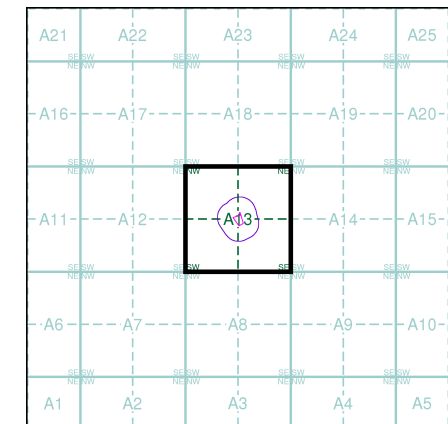
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13



### Order Details

Order Number: 277201954\_1\_1  
 Customer Ref: GEOL20-9375  
 National Grid Reference: 436760, 539570  
 Slice: A  
 Site Area (Ha): 0.26  
 Search Buffer (m): 100

### Site Details

2, Fairview, Thornley, DURHAM, DH6 3BL



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



# Envirocheck<sup>®</sup> Report:

## Datasheet

### Order Details:

**Order Number:**

277201954\_1\_1

**Customer Reference:**

GEOL20-9375

**National Grid Reference:**

436760, 539570

**Slice:**

A

**Site Area (Ha):**

0.26

**Search Buffer (m):**

1000

### Site Details:

2, Fairview

Thornley

DURHAM

DH6 3BL

### Client Details:

G

Geol Consultants Ltd

3 Gladstone Terrace

Gateshead

NE8 4DY



Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	8
Hazardous Substances	-
Geological	10
Industrial Land Use	12
Sensitive Land Use	13
Data Currency	14
Data Suppliers	19
Useful Contacts	20

## Introduction

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

## Copyright Notice

© Landmark Information Group Limited 2021. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer. A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and/or other Data providers, whose Copyright material has been included in this Report. © Environment Agency & United Kingdom Research and Innovation 2021. © Natural Resources Wales & United Kingdom Research and Innovation 2021.

## Natural England Copyright Notice

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

## Scottish Natural Heritage Copyright

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

## Ove Arup Copyright Notice

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

## Stantec Copyright Notice

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

## Radon Potential dataset Copyright Notice

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

## Natural Resources Wales Copyright Notice

Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right. Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Some features of this information are based on digital spatial data licensed from the Centre for Ecology & Hydrology © NERC (CEH). Defra, Met Office and DARD Rivers Agency © Crown copyright. © Cranfield University. © James Hutton Institute. Contains OS data © Crown copyright and database right 2021. Land & Property Services © Crown copyright and database right.

## Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		6	2	1
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters	pg 3				1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 4	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 4	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 4	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 4	Yes	n/a	n/a	n/a
Source Protection Zones	pg 4	1			
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 4		2	4	17

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 8		2		1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 8		1		
Local Authority Landfill Coverage		2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 9			1	1
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					
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 10	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 10		1	2	1
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 10	Yes	n/a	n/a	n/a
Mining Instability	pg 10	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 10	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 10		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 11	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 11	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 11	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 11	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 12		2	1	3
Fuel Station Entries					
Gas Pipelines					
Underground Electrical Cables					
<b>Sensitive Land Use</b>					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 13			1	
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 13			2	
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	0	1	436765 539600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (NE)	0	1	436765 539569
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	101	1	436700 539450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	141	1	436800 539750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	178	1	436900 539400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	251	1	437000 539400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	360	1	436650 539950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	408	1	436650 540000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	425	1	436600 540000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	471	1	436600 540050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	489	1	436765 540100
1	<b>Discharge Consents</b> Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Thornley Sso, Easington District, Thornley Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 255/E/0641 Permit Version: 2 Effective Date: 4th April 1992 Issued Date: 26th February 1965 Revocation Date: 13th April 1992 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Gore Burn <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b> Positional Accuracy: Located by supplier to within 100m	A13NE (N)	191	2	436800 539800
1	<b>Discharge Consents</b> Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Thornley Sso, Easington District, Thornley Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 255/E/0641 Permit Version: 4 Effective Date: 15th December 1993 Issued Date: 26th February 1965 Revocation Date: 31st March 2002 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Gore Burn <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b> Positional Accuracy: Located by supplier to within 100m	A13NE (N)	191	2	436800 539800

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: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Thornley Sso, Easington District, Thornley  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 255/E/0641  Permit Version: 6  Effective Date: 15th February 2003  Issued Date: 26th February 1965  Revocation Date: 10th December 2018  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Gore Burn  <b>Status: Surrendered under EPR 2010</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	191	2	436800 539800
1	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Thornley Sso, Easington District, Thornley  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 255/E/0641  Permit Version: 5  Effective Date: 1st April 2002  Issued Date: 26th February 1965  Revocation Date: 14th February 2003  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Gore Burn  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	191	2	436800 539800
1	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Thornley Sso, Easington District, Thornley  Authority: Environment Agency, North East Region  Catchment Area: Not Given  Reference: 255/E/0641  Permit Version: 3  Effective Date: 14th April 1992  Issued Date: 26th February 1965  Revocation Date: 14th December 1993  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Gore Burn  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	191	2	436800 539800
1	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Thornley Sso, Easington District, Thornley  Authority: Environment Agency, North East Region  Catchment Area: Durham Coastal Streams  Reference: 255/E/0641  Permit Version: 1  Effective Date: 26th February 1965  Issued Date: 26th February 1965  Revocation Date: 3rd April 1992  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Gore Burn  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	191	2	436800 539800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Coopers Close Cso, Thornley, Co. Durham  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 255/1195  Permit Version: 1  Effective Date: 18th January 2002  Issued Date: 18th January 2002  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib. Of Gore Burn  <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	373	2	436670 539970
3	<p><b>Discharge Consents</b></p> <p>Operator: Ashford Grove Stables Limited  Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)  Location: 1-15 Whitton Court, Thornley, County Durham, Dh6 3au  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: Eprgb3799dl  Permit Version: 1  Effective Date: 27th March 2018  Issued Date: 27th March 2018  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Gore Burn  <b>Status: New issued under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	470	2	437129 539917
4	<p><b>Discharge Consents</b></p> <p>Operator: Ashford Grove Stables Limited  Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)  Location: 1-15 Whitton Court, Thornley, County Durham, Dh6 3au  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: Eprgb3799dl  Permit Version: 1  Effective Date: 27th March 2018  Issued Date: 27th March 2018  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Gore Burn  <b>Status: New issued under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	555	2	437268 539861
	<p><b>Nearest Surface Water Feature</b></p>	A13SE (S)	65	-	436765 539463
5	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Surface Water Sewers  Location: Swan Castle Farm  Authority: Environment Agency, North East Region  Pollutant: Not Given  Note: Gore Burn  Incident Date: 10th November 1990  Incident Reference: 255/001323  Catchment Area: Not Given  Receiving Water: Freshwater Stream/River  Cause of Incident: Other Oil  Incident Severity: Category 2 - Significant Incident  Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	908	2	437700 539500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Principle Bedrock Aquifer - Medium Vulnerability Classification: Medium Combined Vulnerability: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial <90% Patchiness: <3m Thickness: High Superficial Recharge:	A13SE (NE)	0	3	436765 539569
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> Classification: Significant Risk - Problems Unlikely	A13SE (NE)	0	3	436765 539569
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Principal Aquifer	A13SE (NE)	0	3	436765 539569
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SE (NE)	0	3	436765 539569
6	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13SE (NE)	0	2	436765 539569
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				
	<b>Flooding from Rivers or Sea without Defences</b> None				
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
7	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 872.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gore Burn Catchment Name: Wear Primacy: 1	A13SE (S)	65	4	436765 539463
8	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 272.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gore Burn Catchment Name: Wear Primacy: 1	A13SW (S)	81	4	436734 539453
9	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 61.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A13NE (NE)	409	4	437060 539902



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 88.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A18SE (NE)	458	4	437004 540006
11	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 265.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A19SW (NE)	459	4	437117 539915
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 53.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A18SE (NE)	464	4	437011 540009
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 512.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A18SE (N)	502	4	436830 540110
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 143.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A18SE (NE)	546	4	437054 540079
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 96.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A19SW (NE)	605	4	437193 540046
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A18NW (N)	666	4	436611 540257
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 228.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A18NW (N)	666	4	436611 540257
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 460.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A19SW (NE)	669	4	437288 540038

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 244.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A18NW (N)	669	4	436604 540258
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gore Burn Catchment Name: Wear Primacy: 1	A14SE (E)	775	4	437568 539533
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 123.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A8SW (S)	782	4	436524 538784
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 57.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A14SE (E)	786	4	437579 539533
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 672.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Gore Burn Catchment Name: Wear Primacy: 1	A14SE (E)	786	4	437579 539534
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 29.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A8SW (S)	886	4	436558 538666
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A8SW (S)	898	4	436530 538661
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 250.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A19NW (NE)	937	4	437253 540416
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 60.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A14NE (E)	947	4	437695 539835

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 76.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A14NE (E)	962	4	437694 539892
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 296.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wear Primacy: 1	A17SW (NW)	986	4	435907 540124

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Easington, County Durham Name: High Street Thornley Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD05988 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1300/0223 BGS Ref: Not Supplied Other Ref: ES 011, P1/8/5/11	A13NW (NW)	10	2	436724 539590
31	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Easington, County Durham Name: Coopers Close Thornley Area 1 Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD05986 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1300/0224 BGS Ref: Not Supplied Other Ref: ES 012, P1/8/5/12	A13NE (NE)	204	2	436888 539779
32	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Easington, County Durham Name: Area J East of Coopers Close Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD05987 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: ES 018	A14NW (NE)	536	2	437278 539791
33	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 64114 Location: Land/premises At, Hartlepool Street North, Thornley, Durham, County Durham, DH6 3AN Operator Name: Richardson Clifford Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: End of Life Vehicles <b>Licence Status: Issued</b> Issued: 30th September 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	155	2	436900 539700
	<b>Local Authority Landfill Coverage</b> Name: Easington District Council - Has supplied landfill data		0	5	436765 539569
	<b>Local Authority Landfill Coverage</b> Name: Durham County Council - Has supplied landfill data		0	6	436765 539569
	<b>Local Authority Landfill Coverage</b> Name: Durham City Council - Has no landfill data to supply		506	7	436846 540112

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	<p><b>Local Authority Recorded Landfill Sites</b></p> <p>Location: Land Between Coopers Close And Ludworth Road, Thornley            Reference: Thornley            Authority: Easington District Council (now part of Durham County Council), Environmental Health Department</p> <p><b>Last Reported Status:</b> Closed</p> <p>Types of Waste: Not Known            Date of Closure: Not Known            Positional Accuracy: Manually positioned within the geographical locality            Boundary Quality: Not Applicable</p>	A13NE (NE)	300	5	436924 539870
35	<p><b>Local Authority Recorded Landfill Sites</b></p> <p>Location: Land East Of Parish Football Field, Thornley            Reference: Not Supplied            Authority: Easington District Council (now part of Durham County Council), Environmental Health Department</p> <p><b>Last Reported Status:</b> Closed</p> <p>Types of Waste: Not Known            Date of Closure: Not Supplied            Positional Accuracy: Manually positioned within the geographical locality            Boundary Quality: Not Applicable</p>	A14NW (E)	654	5	437400 539800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Zechstein Group	A13SE (NE)	0	1	436765 539569
36	<b>BGS Recorded Mineral Sites</b> Site Name: New Thornley Colliery Location: Thornley, Durham, Co. Durham Source: British Geological Survey, National Geoscience Information Service Reference: 107126 Type: Underground <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	139	1	436642 539462
37	<b>BGS Recorded Mineral Sites</b> Site Name: Gore Hall Location: Thornley, Durham, Co. Durham Source: British Geological Survey, National Geoscience Information Service Reference: 107125 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Permian Geology: Ford Formation (Middle Magnesian Limestone) Commodity: Dolomite Positional Accuracy: Located by supplier to within 10m	A12NE (W)	394	1	436335 539572
38	<b>BGS Recorded Mineral Sites</b> Site Name: Thornley Brick Works Location: Thornley, Durham, Co. Durham Source: British Geological Survey, National Geoscience Information Service Reference: 107127 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Lacustrine Deposits Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	480	1	436966 540051
39	<b>BGS Recorded Mineral Sites</b> Site Name: Marl Hole Quarry Location: Wheatley Hill, Durham, Co. Durham Source: British Geological Survey, National Geoscience Information Service Reference: 107131 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Permian Geology: Ford Formation (Middle Magnesian Limestone) Commodity: Dolomite Positional Accuracy: Located by supplier to within 10m	A8SE (SE)	761	1	437094 538841
	<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.	A13SE (NE)	0	8	436765 539569
	<b>Mining Instability</b> Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (NE)	0	-	436765 539569
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	436765 539569
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	227	1	436656 539328
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	436765 539569

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	125	1	436831 539419
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	227	1	436656 539328
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	436765 539569
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	436765 539569
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	136	1	436840 539412
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	436765 539569
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	125	1	436831 539419
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	155	1	436732 539376
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	227	1	436656 539328
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	436765 539569
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	125	1	436831 539419
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	155	1	436732 539376
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	436765 539569
	<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	A13SE (NE)	0	1	436765 539569

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Village Inn Garage            Location: Hartlepool Street North, Thornley, Durham, DH6 3AN            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	63	-	436682 539621
41	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A-T Commercials            Location: Mount Grace, High Street, Thornley, Durham, DH6 3EL            Classification: Commercial Vehicle Dealers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (W)	205	-	436525 539556
42	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: New Road Garage            Location: New Road, Thornley, Durham, County Durham, DH6 3AE            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	358	-	437067 539814
43	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: J K Cleaning Ltd            Location: 20, Emmerson Square, Thornley, Durham, DH6 3EB            Classification: Commercial Cleaning Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	647	-	436326 540085
44	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Wheatley Hill Dental Laboratory            Location: 6, The Avenue, Wheatley Hill, Durham, DH6 3NT            Classification: Medical &amp; Dental Laboratories  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	784	-	437458 539126
45	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Wheatley Hill Community Regeneration Partnership            Location: Branch Library, The Knoll, 30, Granville Terrace, Wheatley Hill, Durham, County Durham, DH6 3JQ            Classification: Laboratories  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	961	-	437636 539082



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	<b>Local Nature Reserves</b> Name: Gore Burn Multiple Area: N Area (m2): 411084.78 Source: Natural England Designation Date: Not Supplied	A14NW (E)	319	9	437101 539626
47	<b>Nitrate Vulnerable Zones</b> Name: Durham Description: Groundwater Source: Environment Agency, Head Office	A8NW (SW)	482	3	436494 539128
48	<b>Nitrate Vulnerable Zones</b> Name: Croxdale Beck From Source To Wear Nvz Description: Surface Water Source: Environment Agency, Head Office	A8NW (SW)	483	3	436494 539128

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Sedgefield Borough Council (now part of Durham County Council) - Environmental Health Department Durham County Council (Unitary) - Environmental Health Department Environment Agency - Head Office Sunderland City Metropolitan Borough Council - Environmental Health Department Durham City Council (now part of Durham County Council) - Environmental Health Department Easington District Council (now part of Durham County Council) - Environmental Health Department	February 2009  January 2015 June 2020 March 2015 November 2008  October 2008	Not Applicable  Annually Annually Annually Not Applicable  Not Applicable
<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 Sedgefield Borough Council (now part of Durham County Council) - Environmental Health Department Durham City Council (now part of Durham County Council) - Environmental Health Department Sunderland City Metropolitan Borough Council - Environmental Health Department Easington District Council (now part of Durham County Council) - Environmental Health Department	April 2015 July 2008  March 2009  May 2016 October 2008	Variable Not Applicable  Not Applicable  Variable Not Applicable
<b>Local Authority Pollution Prevention and Controls</b> Durham County Council (Unitary) - Environmental Health Department Sedgefield Borough Council (now part of Durham County Council) - Environmental Health Department Durham City Council (now part of Durham County Council) - Environmental Health Department Sunderland City Metropolitan Borough Council - Environmental Health Department Easington District Council (now part of Durham County Council) - Environmental Health Department	April 2015 July 2008  March 2009  May 2016 October 2008	Annually Not Applicable  Not Applicable  Annual Rolling Update Not Applicable
<b>Local Authority Pollution Prevention and Control Enforcements</b> Durham County Council (Unitary) - Environmental Health Department Sedgefield Borough Council (now part of Durham County Council) - Environmental Health Department Durham City Council (now part of Durham County Council) - Environmental Health Department Sunderland City Metropolitan Borough Council - Environmental Health Department Easington District Council (now part of Durham County Council) - Environmental Health Department	April 2015 July 2008  March 2009  May 2016 October 2008	Variable Not Applicable  Not Applicable  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	


Agency & Hydrological	Version	Update Cycle
<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 - Northumbria Area	January 2021 January 2021 January 2021	Quarterly Quarterly Quarterly
<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>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	October 2019	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 - Northumbria 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 - Northumbria Area	January 2021 January 2021 January 2021	Quarterly Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Durham City Council (now part of Durham County Council) Durham County Council - Economic Development and Planning Department Easington District Council (now part of Durham County Council) - Environmental Health Department Sedgefield Borough Council (now part of Durham County Council) - Environmental Health Department Sunderland City Metropolitan Borough 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> Easington District Council (now part of Durham County Council) - Environmental Health Department Durham City Council (now part of Durham County Council) Durham County Council - Economic Development and Planning Department Sedgefield Borough Council (now part of Durham County Council) - Environmental Health Department Sunderland City Metropolitan Borough Council - Environmental Health Department	June 2003 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable 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 - Northumbria 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 - Northumbria 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 - Northumbria 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> Durham City Council (now part of Durham County Council) Sedgefield Borough Council (now part of Durham County Council) - Development Control Durham County Council (Unitary) - Planning Department Sunderland City Metropolitan Borough Council - Planning Durham County Council - Economic Development and Planning Department Easington District Council (now part of Durham County Council)	December 2008 December 2008 February 2016 February 2016 July 2007 July 2008	Not Applicable Not Applicable Variable Variable Annual Rolling Update Not Applicable
<b>Planning Hazardous Substance Consents</b> Durham City Council (now part of Durham County Council) Sedgefield Borough Council (now part of Durham County Council) - Development Control Durham County Council (Unitary) - Planning Department Sunderland City Metropolitan Borough Council - Planning Durham County Council - Economic Development and Planning Department Easington District Council (now part of Durham County Council)	December 2008 December 2008 February 2016 February 2016 July 2007 July 2008	Not Applicable Not Applicable Variable Variable Annual Rolling Update Not Applicable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	November 2020	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	January 2021	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	February 2021	Quarterly
<b>Gas Pipelines</b> National Grid	January 2021	
<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> Durham City Council (now part of Durham County Council) Durham County Council (Unitary) - Planning Department Easington District Council (now part of Durham County Council) Sedgefield Borough Council (now part of Durham County Council) - Development Control Sunderland City Metropolitan Borough Council - Planning	June 2020 June 2020 June 2020 June 2020 June 2020	As notified As notified As notified As notified As notified
<b>Areas of Unadopted Green Belt</b> Durham City Council (now part of Durham County Council) Durham County Council (Unitary) - Planning Department Easington District Council (now part of Durham County Council) Sedgefield Borough Council (now part of Durham County Council) - Development Control Sunderland City Metropolitan Borough Council - Planning	June 2020 June 2020 June 2020 June 2020 June 2020	As notified 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>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>Easington 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
6	<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
7	<b>Durham City Council (now part of Durham County Council)</b> County Hall, Durham, County Durham, DH1 5UL	Telephone: 03000 26 0000 Website: www.durham.gov.uk
8	<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
9	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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