

**Structural
Civil
Geo-Environmental**



consulting engineers

**Proposed Aldi Store,
Wyndham Place, Egremont, Cumbria**

**Phase I Geo-environmental
Assessment**

for

Aldi Stores Limited



Report Ref	Issue	Prepared by	Reviewed by	Date
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Phase I Geo-Environmental Assessment

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EXECUTIVE SUMMARY

Land Use	The site is roughly rectangular in shape and is located directly south west of Wyndham Place, south of East Road and north east of Egremont Bypass (A595) with a roundabout directly to the north west of the site at the junction of East Road and Egremont Bypass. The site is occupied by a vacant petrol filling station in the north, with garages associated with vehicle maintenance garage and a car showroom and yard to the south. The site appears to be tiered with the petrol filling station level with the adjacent roundabout to the north with ramps to both the east and west allowing access to the garages and showroom at a level approximately 2m lower. A plan of the petrol filling station infrastructure has identified there are two 9000 gallon tanks to the north west of the pump islands and two smaller tanks (assumed to be 3000 gallon tanks).
Site History	The site has remained undeveloped from the earliest plans until the late 1960s when a garage building was constructed in the north of the site. This building was extended a number of times from the early 1990s with a canopy for the petrol filling station and construction of the existing car sales showroom and garage services to the south. In the 1960s the south of the site appears to have been cut to form a yard to the south of the garage. From the earliest plans, the land surrounding the site has supported a 'Flax Mill' (disused by the late 1800s), with gasometer, coal depot, railway lines and brewery. To the south and west of the site there are recorded to be Iron Ore pits with a mineral railway constructed immediately to the east of the site to facilitate this. There is also a mainline railway constructed forming the western boundary of the site. The remainder of the surrounding area has supported residential dwellings with associated amenities. By the 1960 there are a number of factories, garage, a dairy and bakery in the vicinity in the site. The adjacent mineral railway lines are removed and used as a track by the early 1960s and the mainline to the west is dismantled by the early 1990s and redeveloped with a public highway (Egremont Bypass).
Environmental Setting	• BGS data records the site to be underlain by River Terrace Deposits (undifferentiated) comprising of clay, sand and gravel in the southern two thirds of the site. The remainder of the site (petrol filling station) is indicated to be underlain by Glaciofluvial deposits comprising of sand and gravel. These soils are underling at depth by the Frizington Limestone Formation at depth. • The surrounding area has supported a large number of underground Iron Ore pits. There are 4 shafts recorded within 150m of the site. • River Ehen flows north to south some 75m east of the site. • The site is not identified to be in an area at risk from flooding from river or coastal waters, according to the available data. • The superficial soils and bedrock strata are classed as a Secondary A Aquifers. • There are no recorded landfill or waste transfer sites within 250m of the site.

Environmental Setting	• There is a petrol filling station on site. • There are no licensed groundwater abstractions within 500m. • There has been 3no. discharge consents within 250m. • The site is located within a Low Risk area from possible unexploded ordnance (UXO).
Contamination	The site, which has recently operated as a petrol filling station and has potentially been a vehicle repair garage, has been present on site from the 1960's. The garage and petrol filling station are both considered to have the potential to pose significant risk of contamination. There may also be localised contamination associated with imported made ground materials anticipated on site, construction materials, principally asbestos on the site within the older buildings in the north. Therefore, the key source of contamination is likely to be any imported made ground and leakages from underground fuel storage tanks and vehicle repair activities (i.e. waste oil tanks and lubricant storage). The site is considered to have a low to medium risk to both human health and the environment.
Mining Risk Assessment	The Coal Authority Interactive Map indicates that the site is not in a Coal Mining Reporting Area and is therefore not considered to be a risk from coal mining activities at the site. Consequently, no further assessments considered necessary. With respect to ironstone mining, in view of the evidence obtained regarding the depth and thickness of the ironstone deposits, there is considered to be sufficient cover above workings in the vicinity of the site. Therefore, the site is considered to be safe with respect to shallow ironstone mine workings and further investigation is not considered necessary.
Ground Gas	Basic Radon protection measures are required for this site. At this stage, it would be prudent to assume basic gas precautions, which do not exceed those required for the basic radon measures in relation to potential made ground soils, organic superficial soils. However, there may be a requirement to increase the protection measures to cover for hydrocarbon vapours, subject to the findings of a ground investigation.
Foundations and Floor Slabs	Based on the existing information, the site is likely to be underlain by deep made ground overlying stiff to very stiff sandy silty clay at around 4.5m bgl based on site and nearby. Based on the depth of made ground it is considered that either a vibro stone or piled foundation solution will be required, subject to the findings of a ground investigation. At this stage, subject to the final adopted foundation solution either a ground bearing or suspended floor slab (if piled) should be adopted.

Retaining Walls	Based on the likelihood that levels in the north of the site will need to be reduced to allow for the maximum fall of the car park there is the potential for small highway retaining structures in the north of the site to facilitate the construction of the proposed car parking scheme and consideration made for the potential for deep made ground at these locations when considering retaining wall construction.
Intrusive Investigations	An intrusive investigation will be required comprising: • Mini percussive drilling to allow the recovery of samples for laboratory testing and establish the geological profile and allow installation gas monitoring wells. • Allowance for cable percussion drilling if the mini percussion drilling does not encounter suitable founding strata at shallow depth. • A series of rotary boreholes in the south of the site (proposed store footprint) to try to locate potential iron ore workings within the Limestone bedrock, subject to further enquires with Copeland Borough Council. • If superficial soils and groundwater levels are considered suitable, infiltration testing will be required to assessment suitability of soakaways for surface water disposal. • Installation of gas/groundwater monitoring standpipes and monitoring on 6 occasions over a 3 month period. • Geotechnical and chemical laboratory testing.
Further Works	If cohesive soils are recorded in the ground investigation a tree survey will be required to be undertaken on and within the vicinity of the site (approximately 30m) to enable a comprehensive assessment of the required foundation design to be determined. A Remediation Strategy will be required for the site for the safe removal and validation of buried fuel tanks as a minimum.

1 INTRODUCTION

1.1 3e Consulting Engineers Ltd (3e) were commissioned by Aldi Stores Limited to carry out a Phase I Geo-Environmental Assessment for a proposed new Aldi store situated at Wyndham Place, Egremont, Cumbria.

1.2 This report highlights ground related environmental and geotechnical considerations in relation to the proposed development, which includes the construction of a new store, together with associated car park and soft landscaping, details of which are provided on the proposed site plan included in **Appendix A**.

1.3 The objectives of this assessment were:

- To establish the historical development of the site and surrounding area.
- To establish the environmental setting of the site.
- To assess the potential impact of subsurface mining on the development.
- To determine if historical or current activities could give rise to significant ground or groundwater contamination.
- To assess the potential for hazardous ground gas.
- To determine the potential risks posed by contamination arising from historical or current activities on or in the vicinity of the site.

1.4 To this end the study has included an inspection of historical maps, a review of environmental data held on publicly available registers and other sources as indicated within the report.

1.5 This report presents the factual information available during this appraisal, interpretation of the data obtained and recommendations relevant to the scope of works outlined above. It has been assumed in the production of this report that the site is to have commercial end use.

1.6 The comments and opinions presented in this report are based on the findings of the available desk study investigation carried out by 3e. Responsibility cannot be accepted for any conditions not revealed by this desk study and which have not been taken into account by this report.



1.7 This report has been prepared for the sole use of Aldi Stores Limited. No other third party may rely upon or reproduce the contents of this report without the written approval of 3e. If any unauthorised third party comes into possession of this report, they rely on it entirely at their own risk and 3e do not owe them any Duty of Care or Skill.

2 THE SITE

Location and Description

2.1 The site, centred on National Grid Reference 301180, 511080, approximately 500m north of Egremont town centre. A site location plan is included as **Drawing G0001**.

2.2 The site is roughly rectangular in shape and is located directly south west of Wyndham Place, south of East Road and north east of Egremont Bypass (A595) with a roundabout directly to the north west of the site at the junction of East Road and Egremont Bypass.

2.3 The site is occupied by a vacant petrol filling station in the north, with garages associated with vehicle maintenance garage and a car showroom and yard to the south. The site appears to be tiered with the petrol filling station level with the adjacent roundabout to the north, with ramps to both the east and west allowing access to the garages and showroom at a level approximately 2m lower. A plan of the petrol filling station infrastructure has identified there are two 9000 gallon tanks to the north west of the pump islands and two smaller tanks (assumed to be 3000 gallon tanks based on the rough dimensions). A copy of the petrol filling station infrastructure plan is included as **Appendix B**.

2.4 The majority of site appears to be covered in concrete and coated macadam with a palisade enclosed yard in the south surfaced with gravel hardstanding. The site is bound by a timber post and rail fence in the east with an access point off Wyndham Place half way along the boundary. The northern end of the site is open where access is made to the petrol filling station and the north western boundary is formed by a highway retaining wall with metal rail fencing on top with the south western boundary formed with semi mature and mature trees.

2.5 The adjacent land use is as follows:

- North: East Road and Wyndham Place with housing and open land beyond.
- East: Wyndham Place with residential properties beyond.
- West: Egremont Bypass with shops, a car park and residential properties beyond.
- South: Residential properties.

3 SITE HISTORY

3.1 In order to establish the site history an inspection was made of historical maps, dating between 1863 and 2021. A summary of the information is provided below and copies of the maps are included as **Appendix C**. It is not the intention of this report to describe in detail all of the changes that have occurred on or adjacent to the site, only those pertinent to the proposed development.

3.2 The site has remained undeveloped from the earliest plans until the late 1960s when a garage building was constructed in the north of the site. This building was extended a number of times from the early 1990s, with a canopy for the petrol filling station added and construction of the existing car sales showroom and garage services to the south. In the 1960s the south of the site appears to have been cut to form a yard to the south of the garage.

3.3 From the earliest plans, the land surrounding the site has supported a 'Flax Mill' (disused by the late 1800s), with gasometer, coal depot, railway lines and brewery. To the south and west of the site there are recorded to be Iron Ore pits with a mineral railway constructed immediately to the east of the site to facilitate this by 1899. There is also a mainline railway constructed forming the western boundary of the site by this time.

3.4 The remainder of the surrounding area has supported residential dwellings with associated amenities. By the 1960 there are a number of factories, garage, a dairy and bakery in the vicinity in the site. The adjacent mineral railway lines are removed and used as a track by the early 1960s and the mainline to the west is dismantled by the early 1990s and redeveloped with a public highway (Egremont Bypass).

4 ENVIRONMENTAL SETTING

4.1 This section summarises the publicly available information collated within an Envirocheck search, included as **Appendix D**, together with other sources where indicated.

Geology and Mining

4.2 A summary of the site geology, based on available published information, is provided below.

Sources of Information	British Geological Survey (BGS) Whitehaven, Sheet 28, 1:50,000 scale, Solid and Superficial Edition. BGS Online Map Based Index (GeoIndex & Geology of Britain). Northern Mine Research Society (NMRS, https://www.nmrs.org.uk). CA Interactive Map Viewer. Abandonment plan obtained from Coal Authority for ironstone workings (Appendix E) Copeland Borough Council, Core Strategy and Development Management Policies DPD (Copeland BC CSDMP)
Made Ground	Geological plans do not record made ground on the site. Given the site history made ground is anticipated. Historical BGS boreholes recorded to be on site and two others immediately to the west suggest up to 4.5m of made ground is present, comprising of layered reworked sandy clay, loose to medium dense sand and clayey sand with gravels and cobbles of brick, glass, concrete metal and timber.
Superficial Deposits (Drift)	BGS data records the southern two thirds of the site to be underlain by River Terrace Deposits (undifferentiated) comprising of clay, sand and gravel with the remainder of the site (petrol filling station) to be underlain by Glaciofluvial deposits comprising of sand and gravel. A borehole to the west of the site indicated stiff to very stiff sandy silty clay is present at a depth of around 4.5m and extending to 26m below ground level (bgl). This was underlain by dense to very dense gravel with some sand, proven to 40.8m where bedrock was recorded.
Bedrock Geology (Solid)	BGS data records the site as being underlain by the Frizington Limestone Formation. A borehole to the west of the site indicated limestone bedrock to be present at around 40.8m bgl.
Coal Mining	The Coal Authority Interactive Map indicates that the site is not in a Coal Mining Reporting Area and is, therefore, not considered to a risk from coal mining activities at the site. Therefore, no further assessments considered necessary.

Iron Ore Mining	The surrounding area has supported a large number of underground Iron Ore pits. Unfortunately there is limited information on the depth and the extent of the workings. There are 4 shafts recorded within 150m of the site by NMRS which includes 3no. shafts between 50 and 75m to the south and south west of the site (Wyndham No.2 and No.3 and Gillfoot Pit). The fourth shaft is identified to be Falcon Pit some 150m west. A shaft log (BGS) for Wyndham Pit No.3 some 230m south of the site, records approximately 1.2m of iron ore deposits at a depth of approximately 73m with rock head at 29m depth. An abandonment plan obtained from searches with the Coal Authority of Wyndham Mines, which includes the locations of shafts for Falcon Pits west of the site and Pit No. 3, indicates that workings in the area are at a depth of 41 fathoms (~75m), which ties in with the BGS shaft log. In addition, the abandonment plan does not show any record of workings beneath the site. A news report from 2012 reported that during the stabilisation of a shaft (Gillfoot Park Pit No.1) some 500m north west of the site, the shaft collapsed and an 80ft (25m) hole opened up. A previous collapse of a shaft (Gillfoot Park Pit No. 6) on Green Moor Road some 330m west of the site also collapsed in 2005. Although our research suggests most records of collapse are associated with shaft locations the influence of workings cannot be discounted and in line with the Copeland BC CSDMP, exploratory holes may be required to prove the site is not at risk from ground instability associated with the historic mining legacy. However, in view of the evidence regarding the depth and thickness of the ironstone, there is considered to be sufficient cover above workings in the vicinity of the site. Therefore, the site is considered to be safe with respect to shallow ironstone mine workings and further investigation is not considered necessary.
Quarrying	None recorded within 250m of the site.

Hydrology and Hydrogeology

4.3 A summary of available information pertaining to hydrology, hydrogeology, flood risk potential, water abstractions, discharge consents and pollution incidents to the water environment is provided as follows.

Watercourses	River Ehen flows north to south some 75m to the east of the site.
Flood Risk	The site is not identified to be in an area at risk from flooding from river or coastal waters, according to the available EA data.
BGS Groundwater Flooding Susceptibility	The site is recorded as being located within an area designated by the BGS as having a limited potential for groundwater flooding to occur.
Groundwater Classification	Superficial Deposits: Secondary 'A' Aquifer. Bedrock Geology: Secondary 'A' Aquifer.
Source Protection Zones	A Zone III Total Catchment is located some 148m south west of the site.

Licensed Water Abstractions	NR within 500m.
Discharge Consents	There are 3no. recorded active and revoked discharge consents from storm sewage overflow within 250m.
Pollution Incidents	There are four minor incidents recorded within 250m of the site, these are associated with sewage, diesel and pollution associated with fires and not attributable to the site.

NR – None Recorded

Landfill Sites and Waste Management

4.4 A summary of information regarding landfill sites (historical or current) and waste management facilities is provided below.

Local Authority Recorded Landfills	NR within 250m.
BGS / SEPA Recorded Landfills	NR within 250m.
Other Waste Management Facilities	NR within 250m.

Pollution Controls and Industrial Land Use

4.5 A summary of pollution control records and potentially polluting activities (fuel stations) is provided as follows.

Integrated Pollution Controls (IPC)	NR within 250m.
Integrated Pollution Prevention and Control (IPPC)	NR within 250m.
Local Authority Pollution Prevention and Controls (LAPPC)	There is a single LAPPC located some 241m north west of the site associated with a petrol filling station.
Petrol Filling Stations	There is a petrol filling station present on site and another some 241m north west.



Unexploded Ordnance (UXO)

4.6 As part of this report a UXO bomb risk map has been obtained from Zetica UXO, a copy of which is included in **Appendix F**.

4.7 This map indicates the potential for unexploded bombs (UXB) to be present as a result of World War Two (WWII) bombing.

4.8 In summary, the regional unexploded bomb risk map obtained from Zetica records the site as being located within a **Low Risk** area from possible unexploded ordnance (UXO) resulting from WWII bombing (i.e. areas as indicated as having 15 bombs per 1000acre or less), indicating that works can progress without the requirement for special precautions in this regard.

Radon

4.9 Basic Radon protection measures are required for new buildings on the site.

Other

4.10 There are 7no. active Contemporary Trade Directory Entries recorded within 250m. Three of these are recorded to be on site and associated with the petrol filling station and car dealership. The remaining four active sites are associated with garage services and medical and Dental Laboratories.

5 CONCEPTUAL SITE MODEL

5.1 Based on the available desk study information, a conceptual site model (CSM) has been developed for the proposed future land use (commercial). This summarises the understanding of the existing site and its historical development, the site geology, the potential contaminant sources, transport pathways and receptors in order to assess potential pollutant linkages. In assessing the potential contaminants present at the site, reference has also been made to the relevant sections of CLR 8, the Department of the Environment Industry Profile reports and any other relevant supporting documentation.

5.2 The proposed new Aldi store situated at Wyndham Place, Egremont, as shown on the proposed site plan included in **Appendix A**. The site, which has recently operated as a petrol filling station and has potentially been a vehicle repair garage since the 1960's. The garage and petrol filling station are both considered to have the potential to pose significant risk of contamination. There may also be localised contamination associated with imported made ground materials anticipated on site, construction materials, principally asbestos on the site within the older buildings in the north.

5.3 Therefore, the key source of contamination is likely to be any imported made ground and leakages from underground fuel storage tanks and vehicle repair activities (i.e. waste oil tanks and lubricant storage).

5.4 Based on the available information, a summary of the potential contamination sources, pathways and receptors is provided below.

Sources of Contamination

- Contamination associated with leakages from underground fuel storage and vehicle repair activities (i.e. waste oil and lubricants), together with any imported made ground/fill below the site.
- Potential for residual contamination associated with other on site activities and construction materials (asbestos).
- Potential for hazardous ground gases and vapours from on and off-site sources; with potential sources identified for this site including made ground on site and off site artificial ground.

Potential Pollution Pathways

- Humans – direct contact, soil ingestion and dust and vapour inhalation.
- Secondary 'A' Aquifer – leaching and vertical migration of contamination.
- Lateral migration into the nearby surface water course (River Ehen).
- Vertical and lateral migration, ingress and accumulation of ground gases and vapours into buildings and service entries (manholes).
- Direct contact of aggressive soils with foundations, floor slabs and water pipes.

Receptors

- Human Health (site end users).
- Human Health (construction workers).
- The Water Environment (River Ehen and Secondary 'A' Aquifers).
- Buildings, foundations and floor slabs.

Pollutant Linkage Assessment

5.5 A qualitative risk assessment has been made of the likelihood of any pollutant linkage operating and its potential significance, as summarised in the table below:

Contamination Source	Pathway	Hazard	Potential Receptors	Linkage Complete
Contaminants associated with potential for leakages and spillages from fuel storage and garage activities together with imported made ground.	Direct contact, ingestion, dust inhalation	Human health risk	Site construction workers	Low, however, can be mitigated by the use of appropriate PPE and limited exposure.
	Direct contact, ingestion, dust inhalation	Human health risk	Site end users	Low, any exposure pathways will not be available in areas of proposed hard cover and soft landscape capping.
	Lateral and vertical migration	Pollution of the controlled waters	Secondary 'A' Aquifer	Moderate, although any exposure pathways will be reduced in areas of proposed hard cover.
	Lateral and vertical migration	Pollution of the controlled waters	Off site watercourse	Unlikely, due to the distance from the site.

Contamination Source	Pathway	Hazard	Potential Receptors	Linkage Complete
	Direct contact	Presence of aggressive soils	Foundations, floor slabs and water pipes	Unlikely, although any latent risk can be negated by the adoption of appropriate mitigation measures (i.e. barrier pipe) if a new supply is proposed if necessary.
Contaminants associated with off-site sources	Lateral migration	Human health risk	Site end users	Limited risk associated with the potential for contamination migration from historical and adjacent site usages.
Ground Gas	Vertical migration into buildings or confined spaces	Human health risk Fire risk	Site end users, construction workers and property	Low, the installation of gas/vapour protection measures will need to be installed within the building.

6 ENVIRONMENTAL RISK ASSESSMENT

6.1 The potential environmental risk has been assessed based on the 'source-pathway-receptor' pollutant linkages identified in the Conceptual Site Model, which requires that for a liability to arise each stage of the pollutant linkage must be present. References to risk classifications are made according to the following definitions:

- **Low risk** – it is unlikely that an issue will arise with respect to causing significant harm to human health or the water environment.
- **Moderate risk** – it is possible that an issue could arise with respect to causing significant harm to human health or the water environment.
- **High risk** – it is likely that an issue will arise with respect to causing significant harm to human health or the water environment.

6.2 Having evaluated the information gathered during this study and described in the previous sections the following risk assessment has been produced.

ENVIRONMENTAL RISK ASSESSMENT		
	Risk rating	Reason
Contamination potential for:		
On-site contamination	Moderate	Made ground is anticipated based on site history and ground levels in relation to the surrounding area. Also, the fuel storage and garage activities may have led to leaks and spillages.
Contaminants migrating off site	Low to Moderate	The garage activities and fuel storage may have led to leaks and spillages. The nearest surface water course is located some 75m from the site, however, this is down the hydraulic gradient from the site and the site is underlain by Secondary A Aquifers.
Contaminants migrating onto site	Low	There are considered to be limited sources of contamination in the immediate vicinity of the site.
Other environmental issues giving rise to concern	Low	None identified.
OVERALL RISK	Low to Moderate	

Ground Gas Risk Assessment

6.3 Based on the above information gained through the Envirocheck Report and other sources referenced in the previous sections, the following summarises the gas risk for the site.

In accordance with current guidance (CIRIA C665), the gas generation potential for each source has been individually assessed, with references to potential gassing risk made according to the following definitions: Negligible, Very Low, Low, Moderate, High and Very High.

Potential Gas Source	Hazard	Generation Potential	Justification
Made ground (CH ₄ , CO ₂)	Humans: health risk Buildings: explosion	Medium	Primarily associated with potential for imported made ground / fill on the site, given the nearby boreholes indicating deep made ground may be present. However, the materials are not considered to be putrescible.
Alluvium drift deposits (CH ₄ , CO ₂)	Humans: health risk Buildings: explosion	Low	The site is partially underlain by Glaciofluvial and River Terrace Deposits, which are not considered to have significant percentage of organic matter present in the soil and therefore there is not considered to be a significant risk.
Landfill Sites (CH ₄ , CO ₂)	Humans: health risk Buildings: explosion	Low	There are no recorded landfill sites within 250m of the site.
Coal and historical mining	Humans: health risk Buildings: explosion	N/A	The site is not within an area requiring a coal mining report there is not considered to be any shallow recorded or unrecorded mining beneath or within close proximity to the site.
Radon	Humans: health risk	Medium	The property is in an area where basic radon protection measures are required.
Overall Risk	Medium		

6.4 The site is within an area where basic radon protection measures are required for new buildings. The existing potential sources on site are considered to be from made ground and a limited potential source from superficial soils. However, it is considered that the risk from these sources may not need measures any more robust than the required radon protection measures.

6.5 The site is also considered to have a potential risk from hydrocarbon vapours subject to leakages from underground fuel tanks and spillages in the vehicle maintenance areas.

7 GEOTECHNICAL CONSIDERATIONS

7.1 The following geotechnical considerations are given as preliminary guidelines only based on the available data on the ground conditions. Consequently, the following should not be taken as design criteria without further geotechnical data obtained from a suitably designed ground investigation.

Mining

7.2 The Coal Authority Interactive Map indicates that the site is not in a Coal Mining Reporting Area and is, therefore, not a risk from coal mining activities. Consequently, site is considered to be unaffected by coal mining and no further assessment or action is required with respect to coal mining.

7.3 With respect to ironstone mining, in view of the evidence obtained regarding the depth and thickness of the ironstone deposits, there is considered to be sufficient cover above workings in the vicinity of the site. Therefore, the site is considered to be safe with respect to shallow ironstone mine workings and further investigation is not considered necessary.

Foundations

7.4 Based on the existing information, the site is likely to be underlain by deep made ground overlying stiff to very stiff sandy silty clay at around 4.5m bgl based on site and nearby. Based on the depth of made ground it is considered that either a vibro stone or piled foundation solution will be required, subject to the findings of a ground investigation.

Floor Slabs

7.5 At this stage, subject to the final adopted foundation solution either a ground bearing or suspended floor slab (if piled) should be adopted.

Retaining Walls

7.6 Based on the likelihood that levels in the north of the site will need to be reduced to allow for the maximum fall of the car park there is the potential for small highway retaining structures in the north of the site to facilitate the construction of the proposed car parking



scheme and consideration made for the potential for deep made ground at these locations when considering retaining wall construction.

Gas Protection Measures

7.7 Basic Radon protection measures are required for this site.

7.8 At this stage, it would be prudent to assume basic gas precautions, which do not exceed those required for the basic radon measures in relation to potential made ground soils, organic superficial soils. However, there may be a requirement to increase the protection measures to cover for hydrocarbon vapours, subject to the findings of a ground investigation.

8 RATIONALE AND METHOD FOR INTRUSIVE INVESTIGATION

8.1 Following a review of the existing ground investigation information, geo-environmental investigation for a proposed Aldi store has been designed by 3e and the methods employed together with the principal concerns regarding the development of the site are summarised as follows. The investigation strategy is in accordance with the current guidance (BS10175:2011+A2:2017) in view to the site history and past investigation results on the site.

- Mini percussive drilling to allow the recovery of samples for laboratory testing and establish the geological profile and allow installation gas monitoring wells.
- Allowance for cable percussion drilling if the mini percussion drilling does not encounter suitable founding strata at shallow depth.
- If superficial soils and groundwater levels are considered suitable, infiltration testing will be required to assessment suitability of soakaways for surface water disposal.
- Installation of gas/groundwater monitoring standpipes and monitoring on 6 occasions over a 3 month period.
- Geotechnical and chemical laboratory testing.



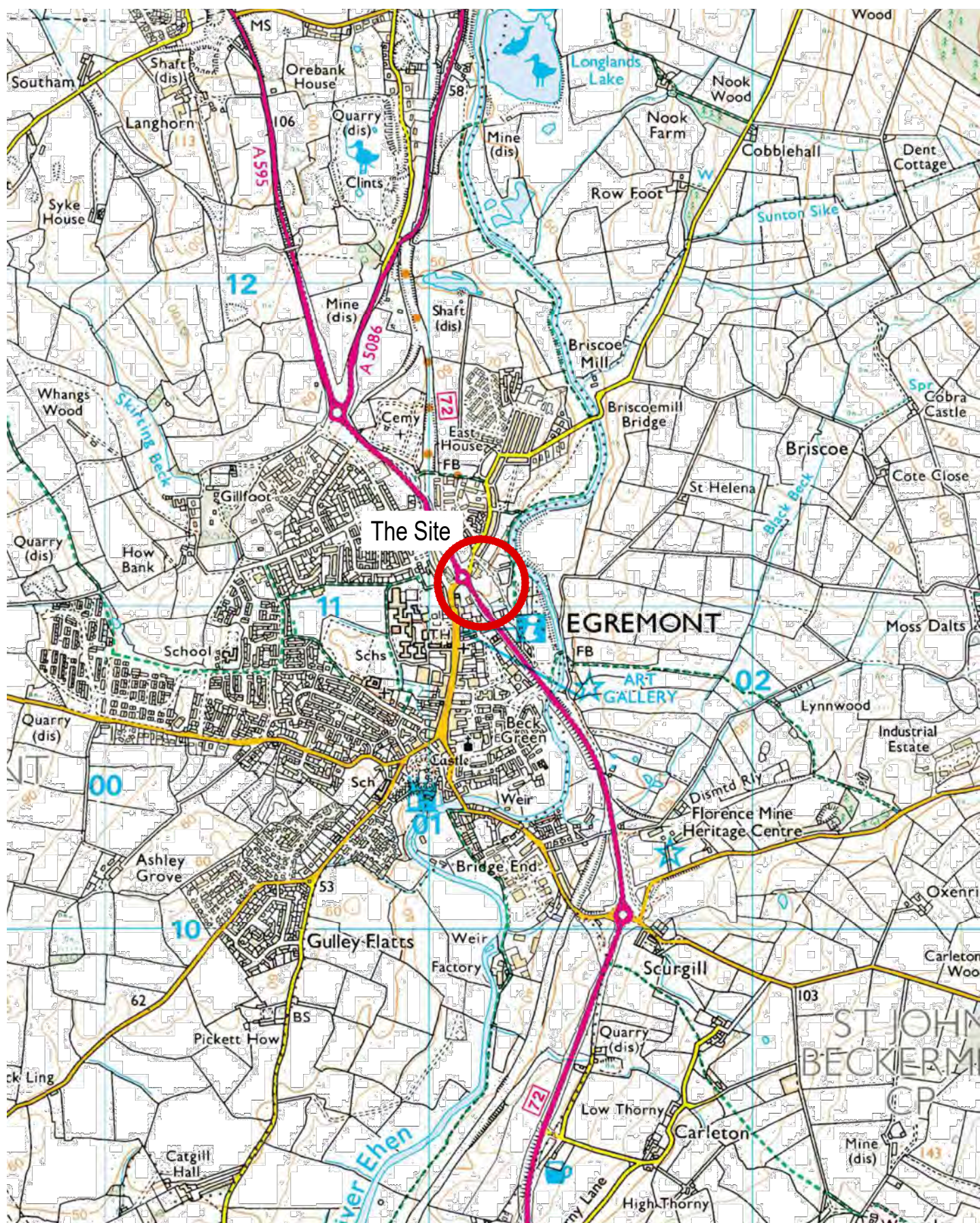
9 FURTHER INVESTIGATIONS

9.1 An intrusive investigation will be required in accordance with the rationale outlined in Section 8.

9.2 If cohesive soils are recorded in the ground investigation a tree survey will be required to be undertaken on and within the vicinity of the site (approximately 30m) to enable a comprehensive assessment of the required foundation design to be determined.

9.3 A Remediation Strategy will be required for the site for the safe removal and validation of buried fuel tanks as a minimum.

Drawings



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Project Wyndham Place, Egremont
Aldi Stores Ltd.

Title Site Location Plan

Scale
1:25,000

Drawn
AC

Checked
AB

Date
Aug '21

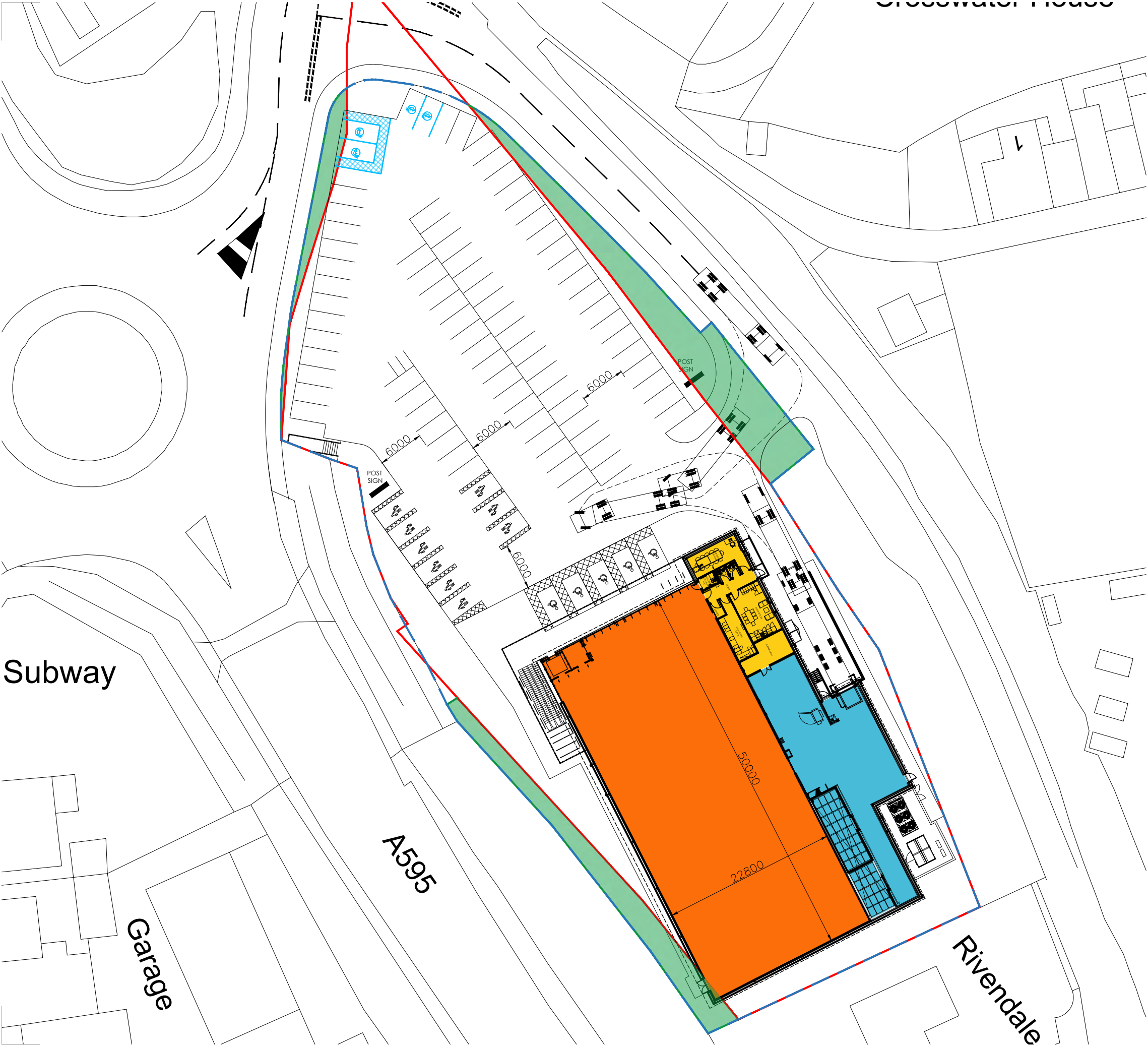
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Appendix A

Proposed Site Layout



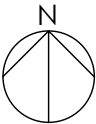
This drawing must not be scaled and all dimension are to be checked on site prior to work commencing. Use figured dimensions in all cases.
The design and drawing are the copyright of Projekt Architects and must not be used or reproduced without permission. Any discrepancies are to be reported immediately to the Projekt Architects.
All information shown on the drawing is subject to obtaining the necessary statutory consents.
Copyright of Projekt Architects Ltd.

Rev	Date	Description	Rev By	Chk'd By
-----	------	-------------	--------	----------

- TITLE BOUNDARY**
5521m²/1.36 acres
- MINIMUM ADDITIONAL AREA REQUIRED**
484m²/0.2 acres
- SITE EXTENTS**
5895m²/1.45 acres

ALDI SITE AREA	5,895 sq m	1.45 ac
STANDARD PARKING BAYS	2.4 x 4.8m	78
DISABLED PARKING BAYS	3.7 x 6.2m	5
PARENT & CHILD PARKING BAYS	3.0 x 5.0m	9
TOTAL PARKING BAYS		94

ALDI BLADE ROOF STORE	
GROSS EXTERNAL FLOOR AREA	1673 sq m
GROSS INTERNAL AREA	1601 sq m
RETAIL AREA (Inc. Lobby)	1140 sq m
WELFARE BLOCK (Inc. Plant Room)	121sq m
WAREHOUSE (Inc. Loading Bay & Freezers)	332sq m



Client
Aldi Stores Ltd



Project Title
Aldi - Egremont

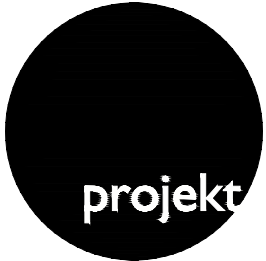
Project Address
**Wyndham Place
Egremont**

Drawing Title
Proposed Site Plan

Drawing Number					Revision
0541 - SK05					
Drawn	Checked	Date	Scale	Size	Status
Adel	-	08.04.21	1:500	A3	Sketch

Media Exchange 2
Coquet Street
Newcastle Upon Tyne
NE1 2QB

Forsyth House
93 George Street
Edinburgh
EH2 3ES



† : 0191 260 5551
e : admin@projektarchitects.com
w : www.projektarchitects.com **Architects | Construction**

Appendix B

Petrol Filling Station Infrastructure

EXTG. BUILDING

MANHOLE SCHEDULE			
MH NO.	INTERNAL SIZE	COVER LEVEL	INVERT LEVEL
1	600 x 450	50.900	50.400
2	1000 x 750	50.875	49.800
3	600 x 450	50.725	50.205

NOTES

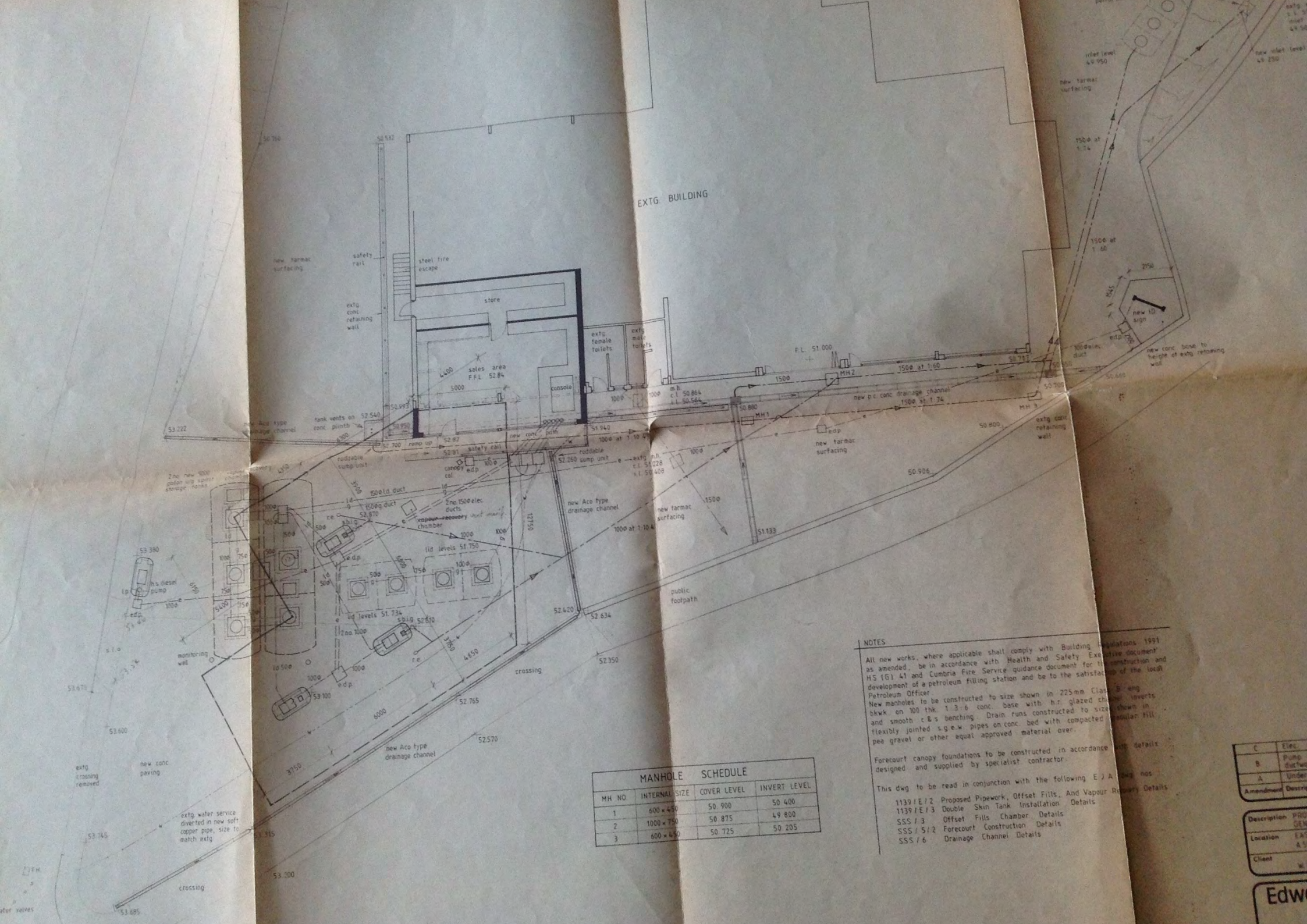
All new works, where applicable shall comply with Building Regulations 1991 as amended, be in accordance with Health and Safety Executive document HS (G) 41 and Cumbria Fire Service guidance document for the construction and development of a petroleum filling station and be to the satisfaction of the local Petroleum Officer.

New manholes to be constructed to size shown in 225mm Class B eng bk/wk on 100 thk 1:3:6 conc. base with h/r glazed chamber inverts and smooth r & s benching. Drain runs constructed to size shown in flexibly jointed s.g.w. pipes on conc bed with compacted regular fill pea gravel or other equal approved material over.

Forecourt canopy foundations to be constructed in accordance with details designed and supplied by specialist contractor.

This dwg to be read in conjunction with the following E.J.A. dwg nos

- 1139/E/2 Proposed Pipework, Offset Fills, And Vapour Recovery Details
- 1139/E/3 Double Skin Tank Installation Details
- SSS/3 Offset Fills Chamber Details
- SSS/5/2 Forecourt Construction Details
- SSS/6 Drainage Channel Details

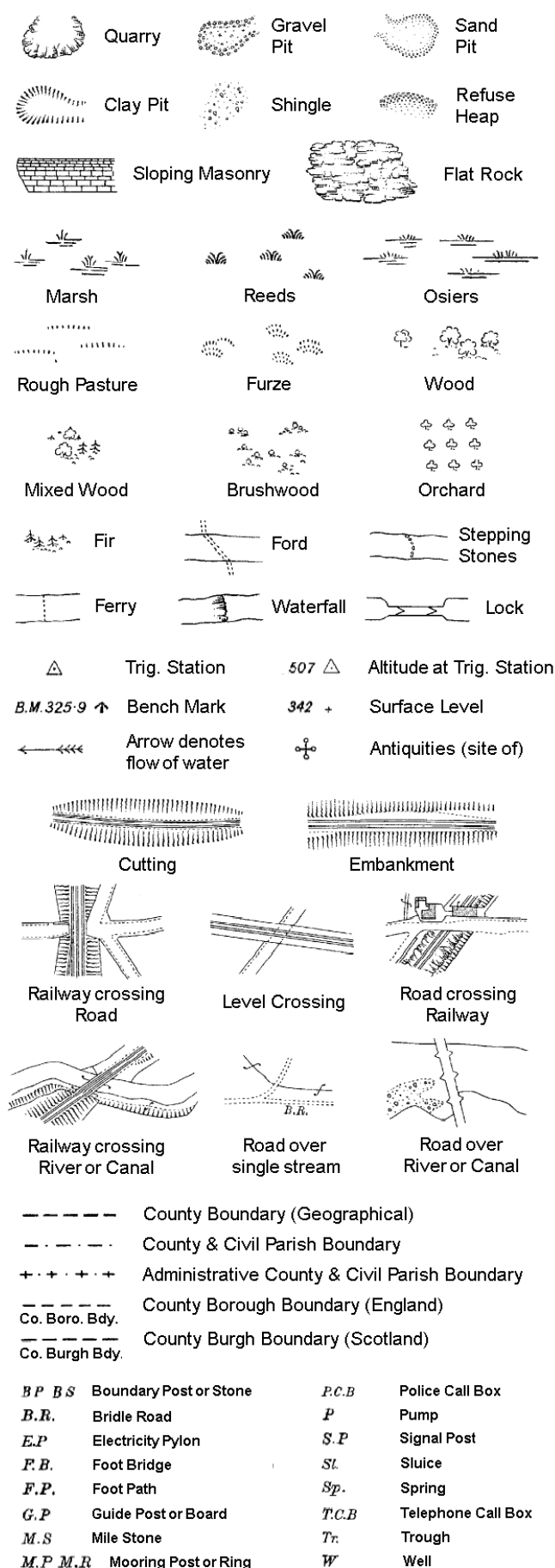


Appendix C

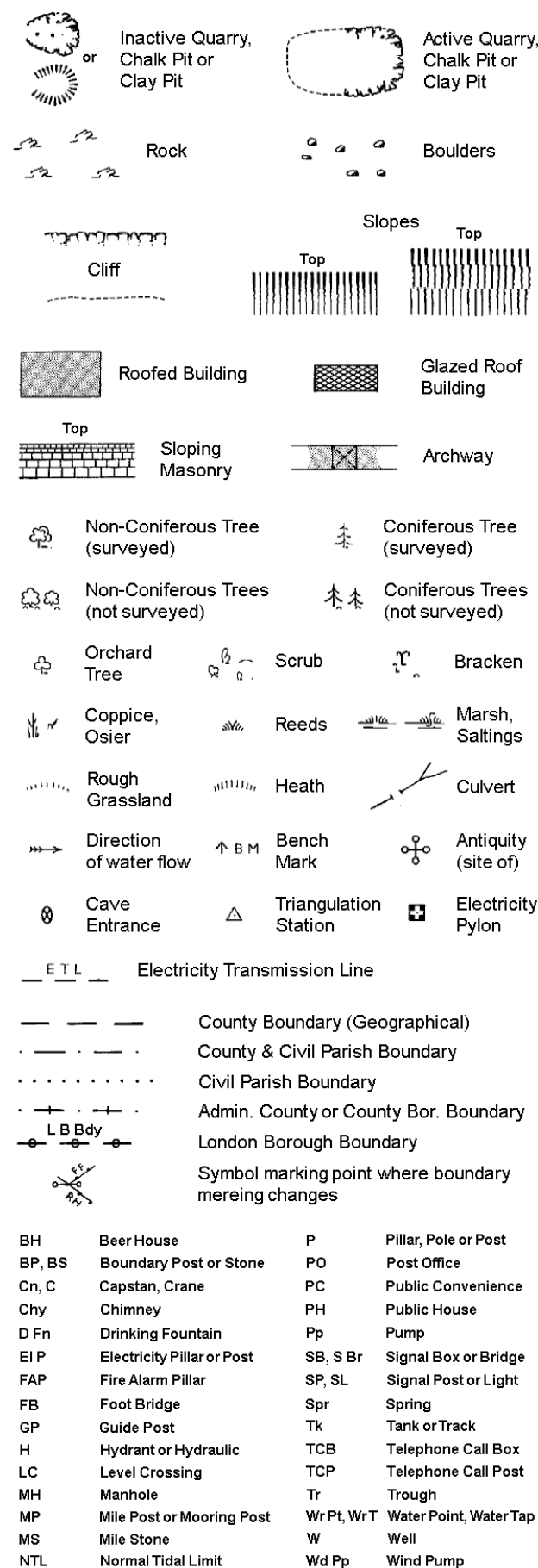
Historical Records

Historical Mapping Legends

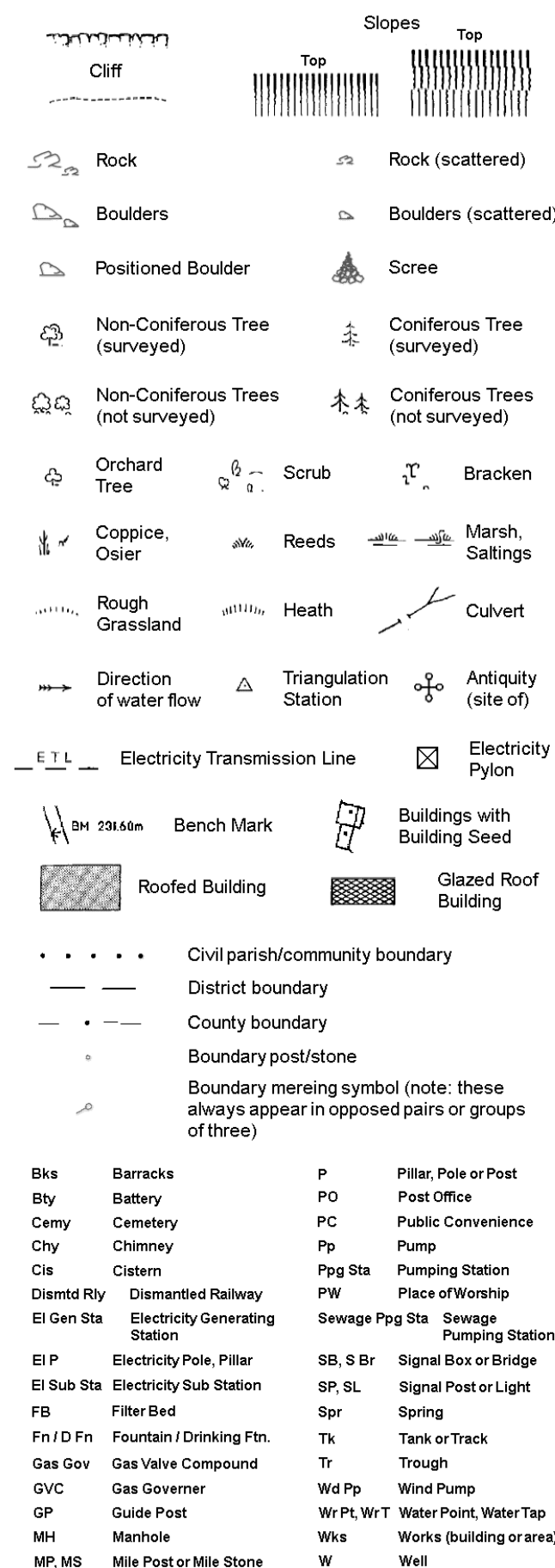
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



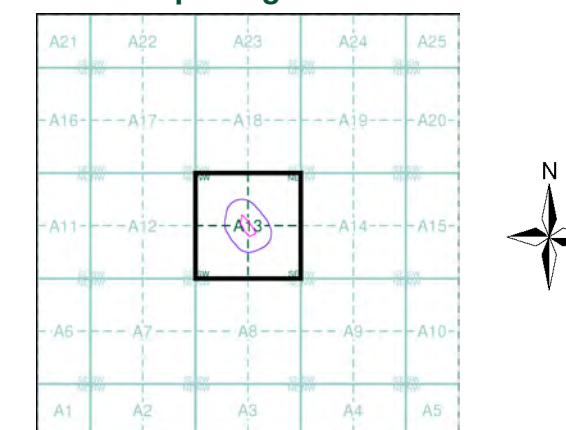
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Page
Cumberland	1:2,500	1863 - 1895	2
Cumberland	1:2,500	1895	3
Cumberland	1:2,500	1899	4
Cumberland	1:2,500	1924	5
Ordnance Survey Plan	1:2,500	1963	6
Ordnance Survey Plan	1:2,500	1969	7
Additional SIMs	1:2,500	1982 - 1989	8
Additional SIMs	1:2,500	1989 - 1991	9
Additional SIMs	1:2,500	1990 - 1994	10
Additional SIMs	1:2,500	1993	11
Large-Scale National Grid Data	1:2,500	1994	12
Large-Scale National Grid Data	1:2,500	1995	13
Large-Scale National Grid Data	1:2,500	1996	14
Large-Scale National Grid Data	1:2,500	1996	15

Historical Map - Segment A13

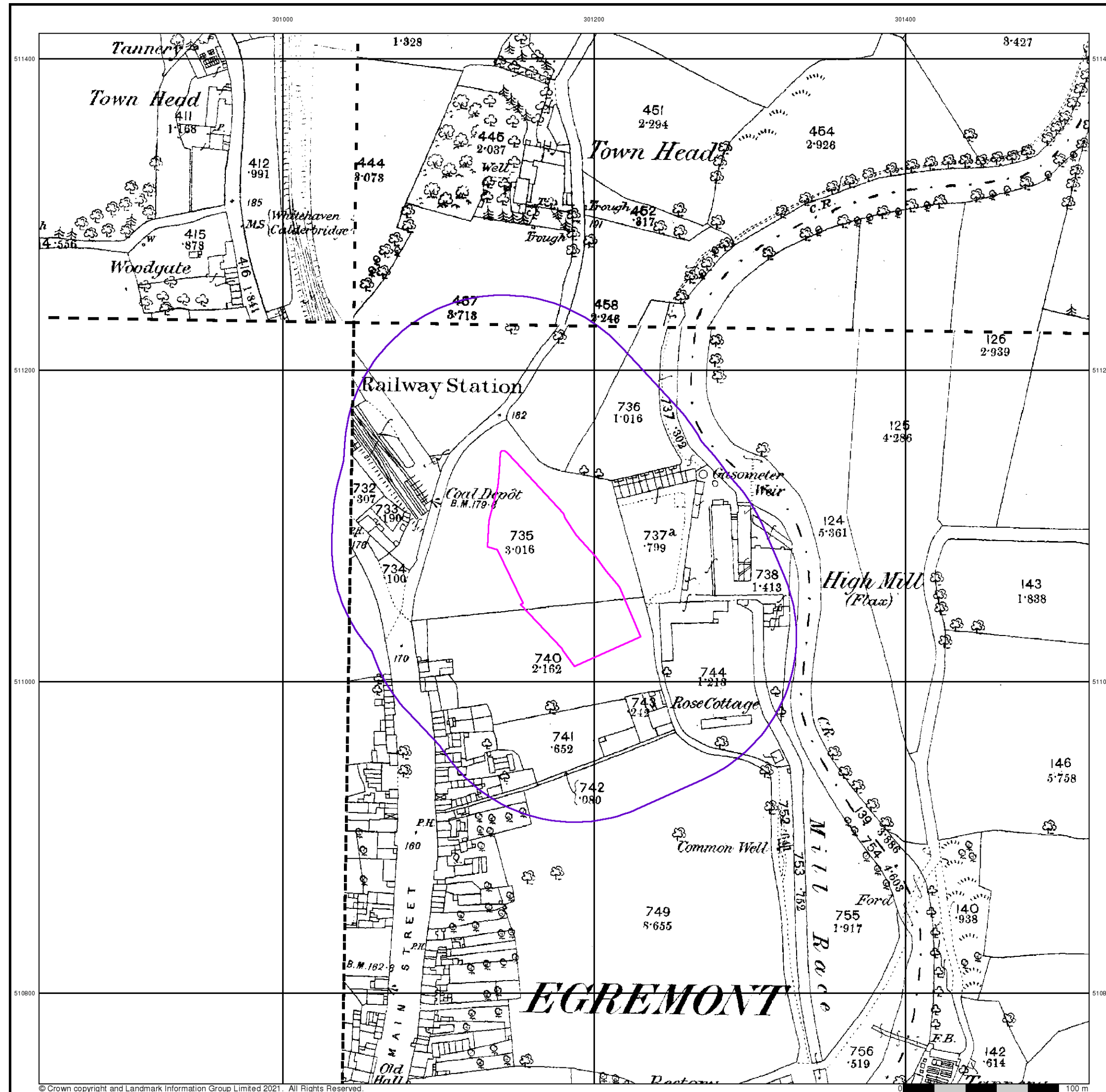


Order Details

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Customer Ref: P21-172
National Grid Reference: 301180, 511080
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Site Area (Ha): 0.64
Search Buffer (m): 100

Site Details

Wyndham Place, EGREMONT, CA22 2DY



Cumberland

Published 1863 - 1895

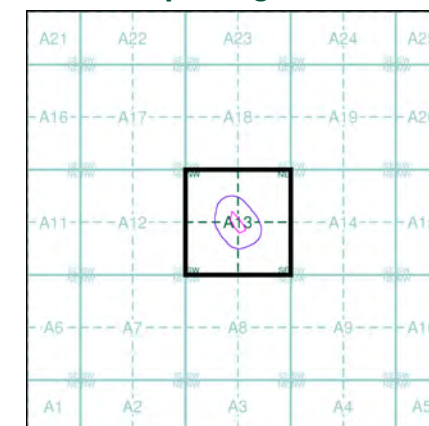
Source map scale - 1:2,500

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)

072_03 1865 1:2,500	072_04 1863 1:2,500
072_07 1895 1:2,500	072_08 1872 1:2,500

Historical Map - Segment A13



Order Details

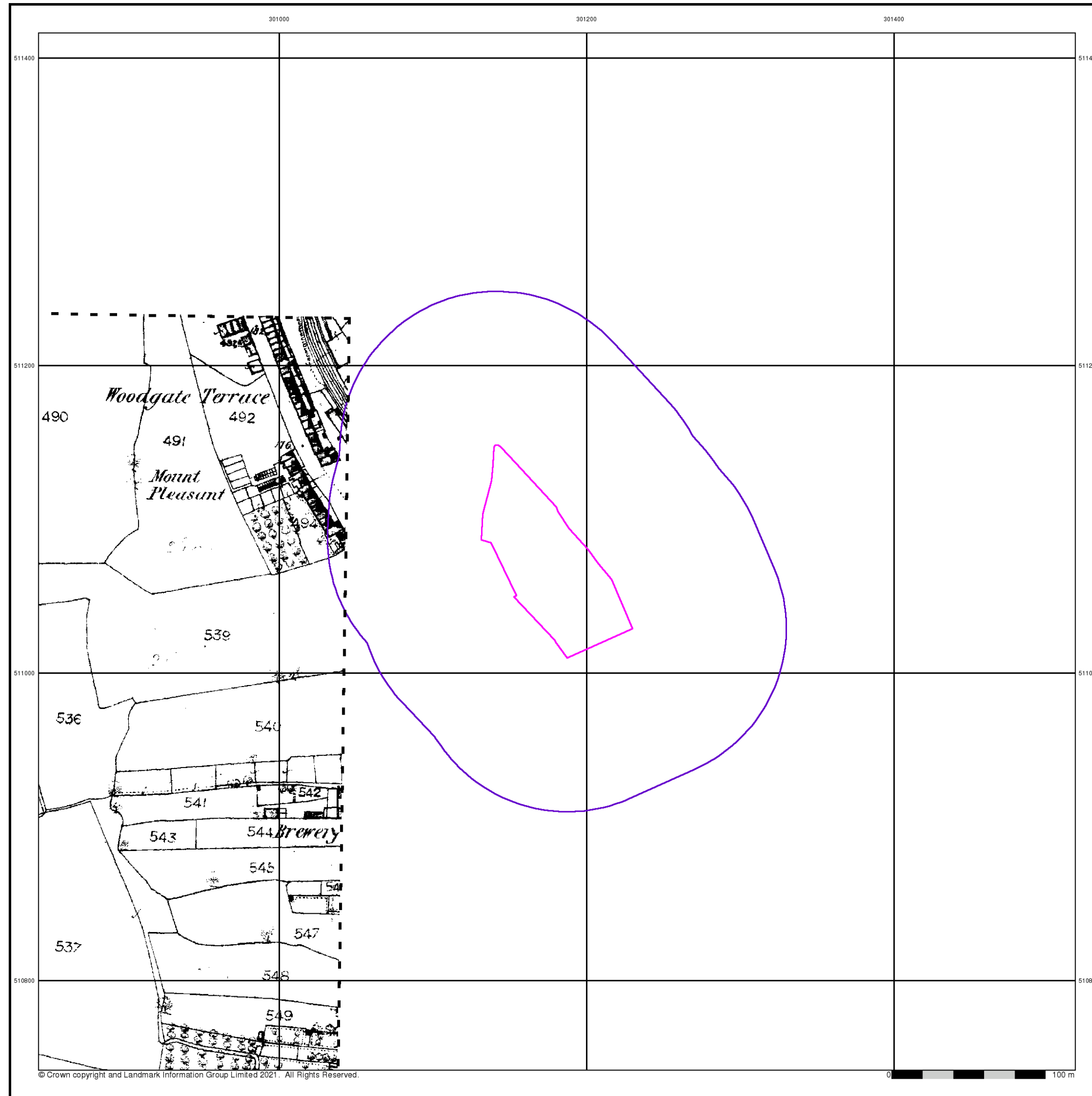
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Search Buffer (m): 100

Site Details

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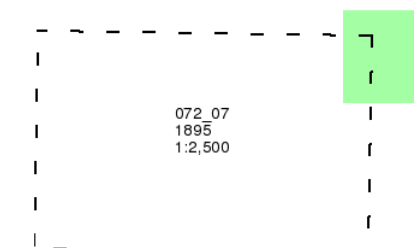
Cumberland

Published 1895

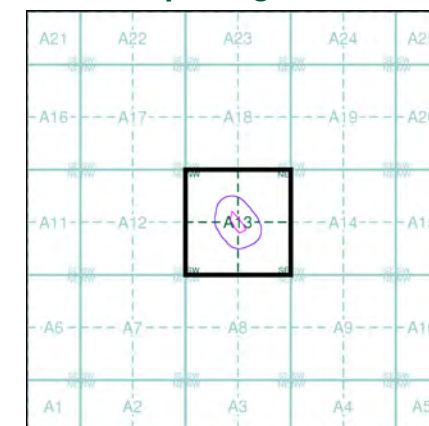
Source map scale - 1:2,500

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: 283304079_1_1
Customer Ref: P21-172
National Grid Reference: 301180, 511080
Slice: A
Site Area (Ha): 0.64
Search Buffer (m): 100

Site Details

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Cumberland

Published 1899

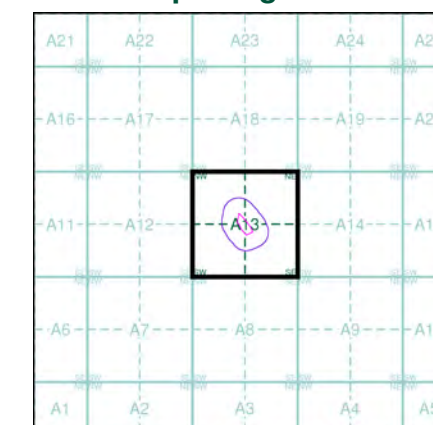
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

072_03 1899 1:2,500	072_04 1899 1:2,500
072_07 1899 1:2,500	072_08 1899 1:2,500

Historical Map - Segment A13



Order Details

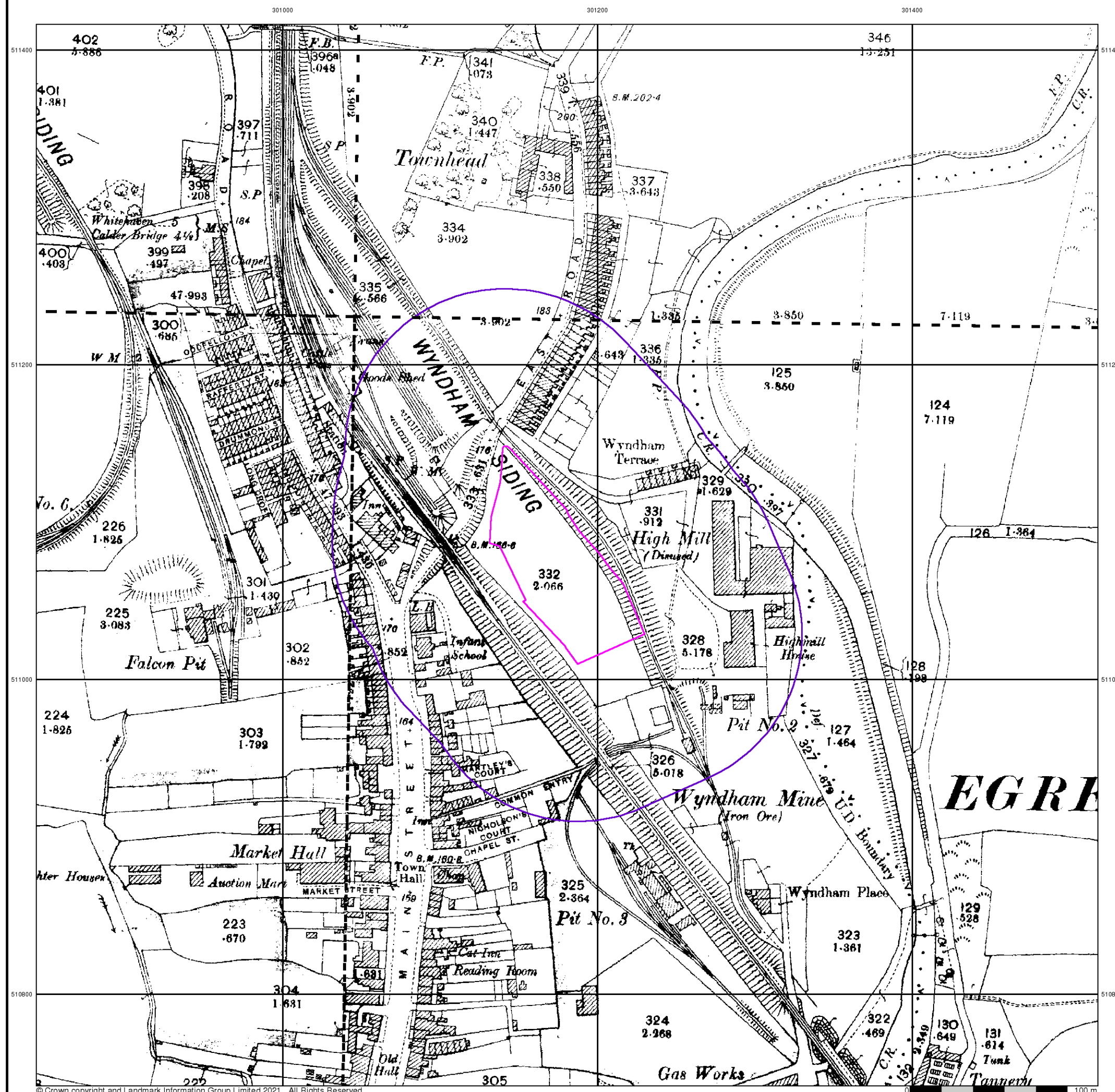
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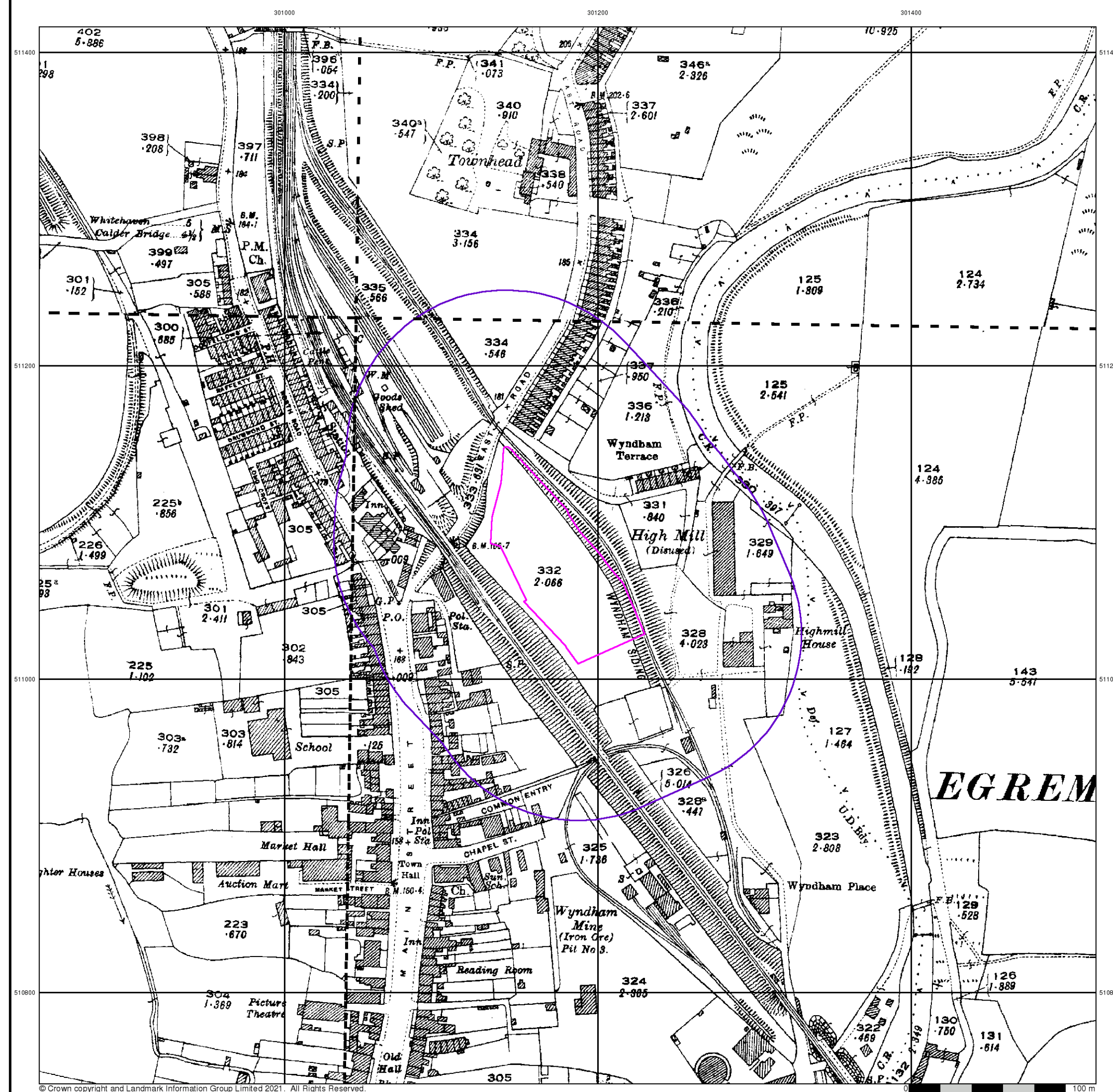
Site Details

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Cumberland

Published 1924

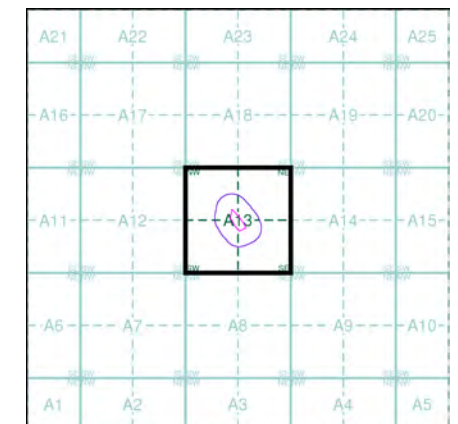
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)

Diagram illustrating the arrangement of four map sheets (072_03, 072_04, 072_07, 072_08) meeting at a central point, marked by a green square. Each sheet is labeled with its identifier, the year 1924, and the scale 1:2,500.

Historical Map - Segment A13



Order Details

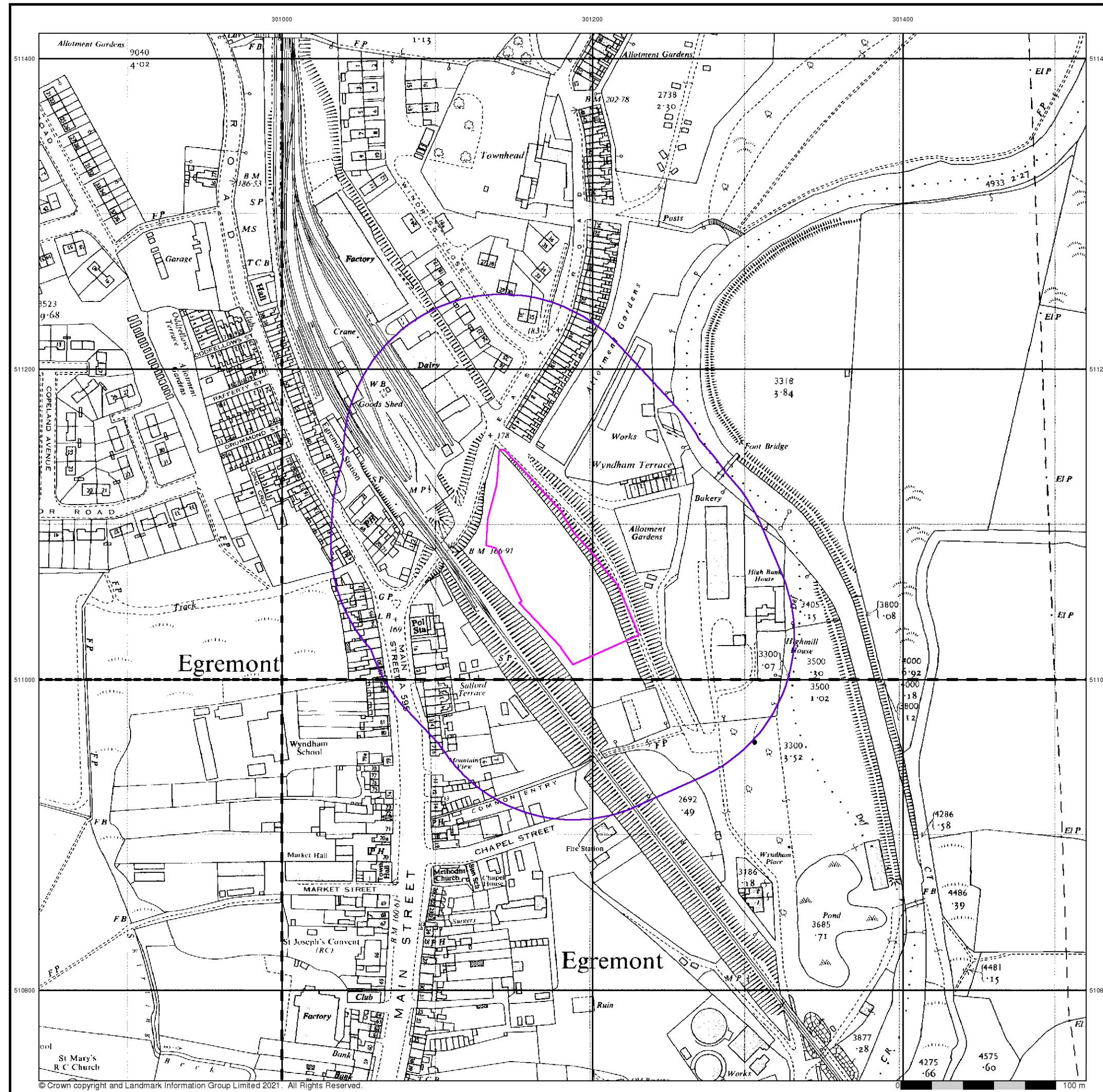
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Site Area (Ha):	0.64
Search Buffer (m):	100

Site Details

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Ordnance Survey Plan

Published 1963

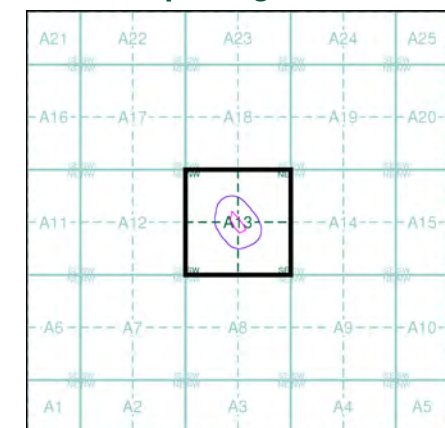
Source map scale - 1:2,500

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)

NY0011 1963 12,500	NY0111 1963 12,500
NY0010 1963 12,500	NY0110 1963 12,500

Historical Map - Segment A13



Order Details

Order Number: 283304079_1_1
Customer Ref: P21-172
National Grid Reference: 301180, 511080
Slice: A
Site Area (Ha): 0.64
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1969

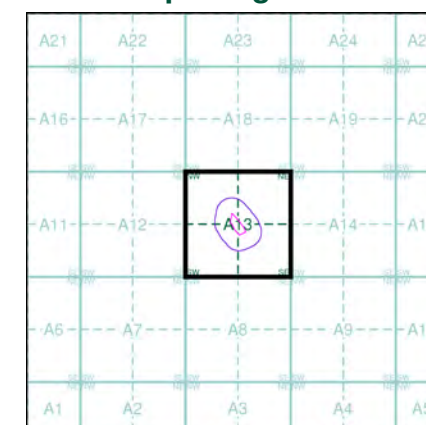
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

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NY0010 1969 12,500	NY0110 1969 12,500

Historical Map - Segment A13



Order Details

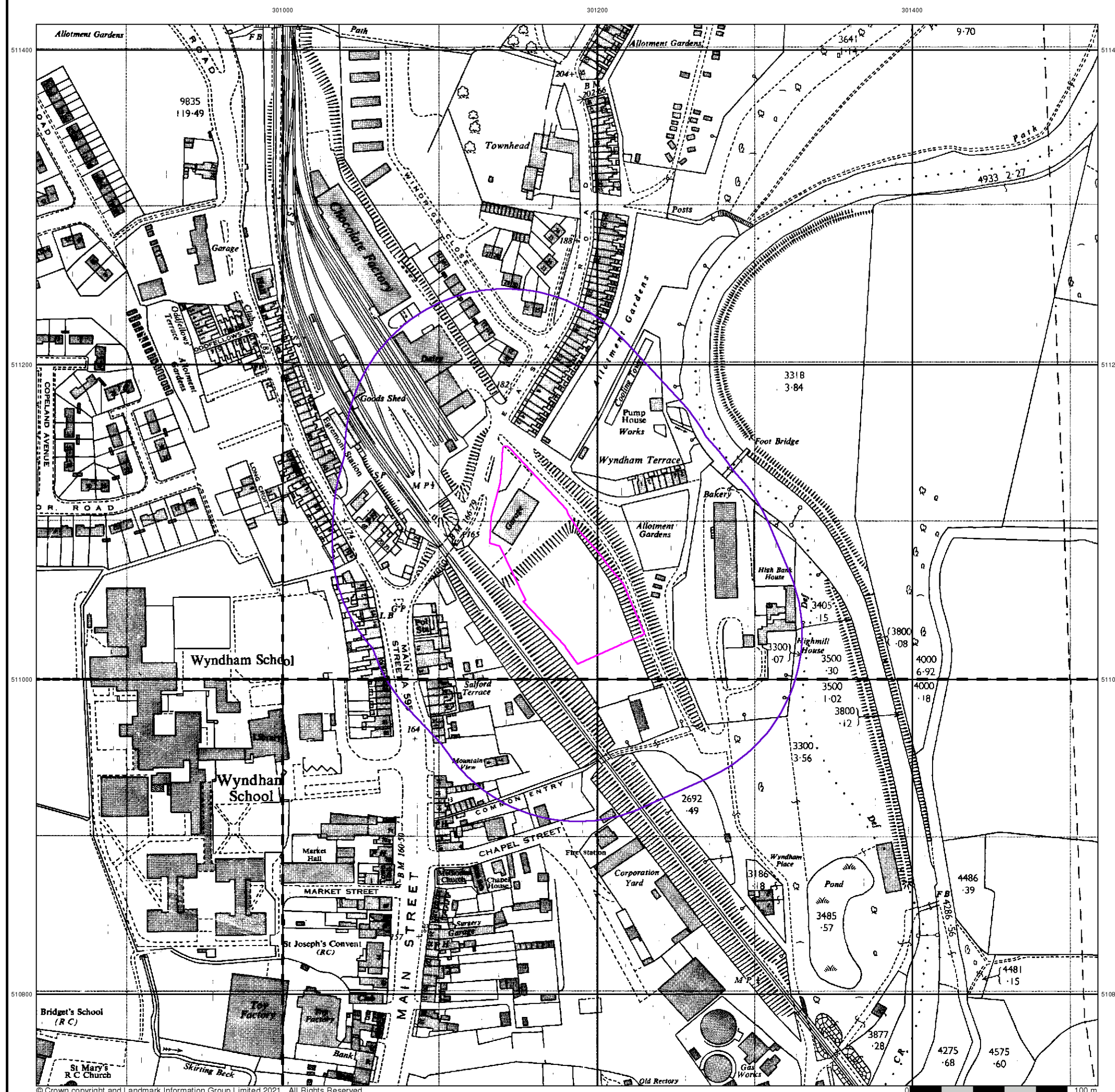
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Search Buffer (m): 100

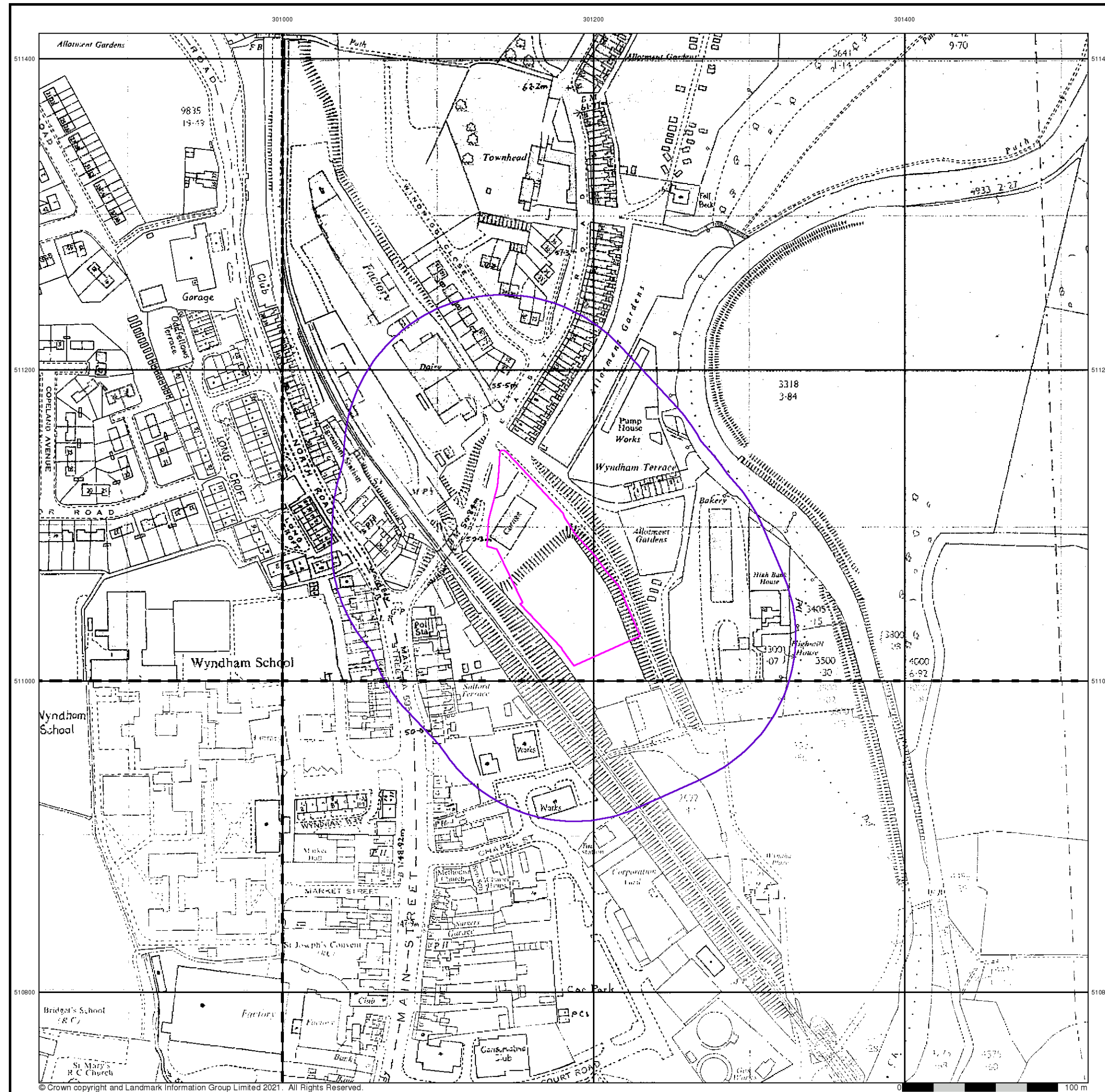
Site Details

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Additional SIMs

Published 1982 - 1989

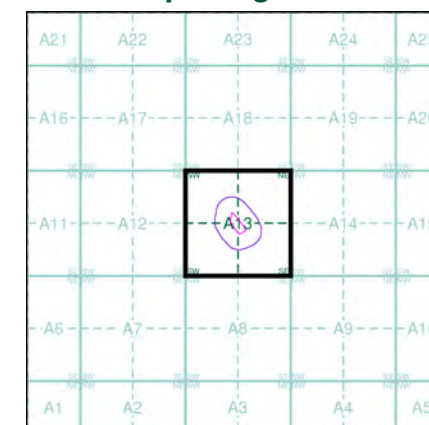
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NY0011 1989 12,500	NY0111 1982 12,500
NY0010 1982 12,500	NY0110 1982 12,500

Historical Map - Segment A13



Order Details

Order Number: 283304079_1_1
Customer Ref: P21-172
National Grid Reference: 301180, 511080
Slice: A
Site Area (Ha): 0.64
Search Buffer (m): 100

Site Details

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Additional SIMs

Published 1989 - 1991

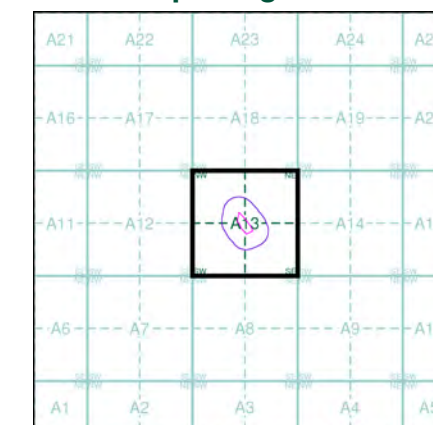
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The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information 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)

NY0011 1990 12,500	NY0111 1991 12,500
NY0010 1989 12,500	NY0110 1991 12,500

Historical Map - Segment A13



Order Details

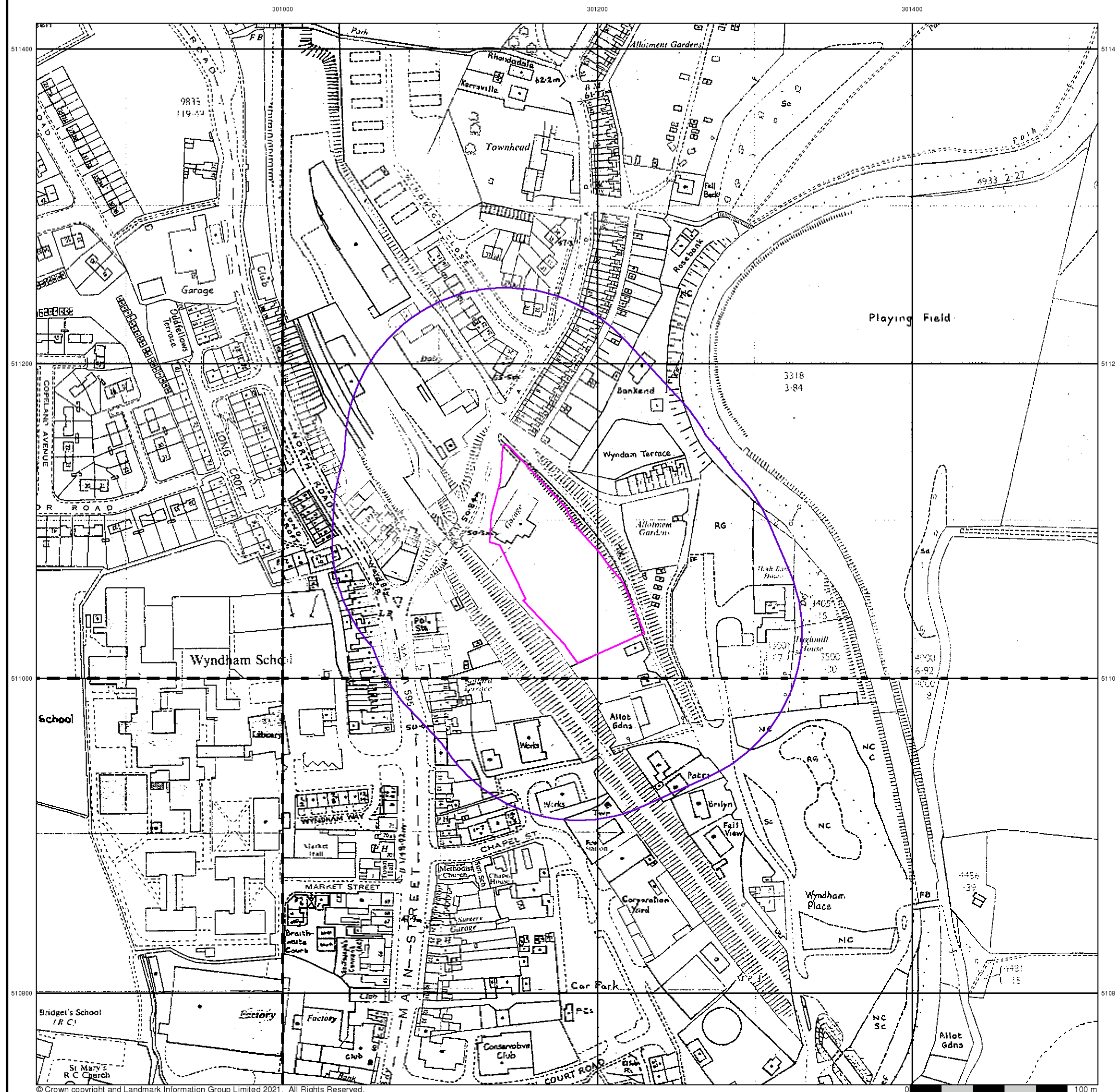
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Search Buffer (m): 100

Site Details

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Additional SIMs

Published 1990 - 1994

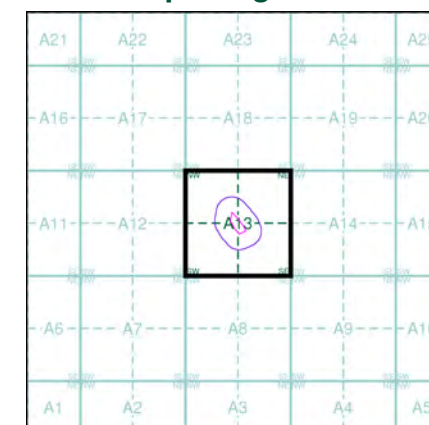
Source map scale - 1:2,500

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)

NY0011	1993	12,500
NY0010	1990	12,500
NY0110	1994	12,500

Historical Map - Segment A13



Order Details

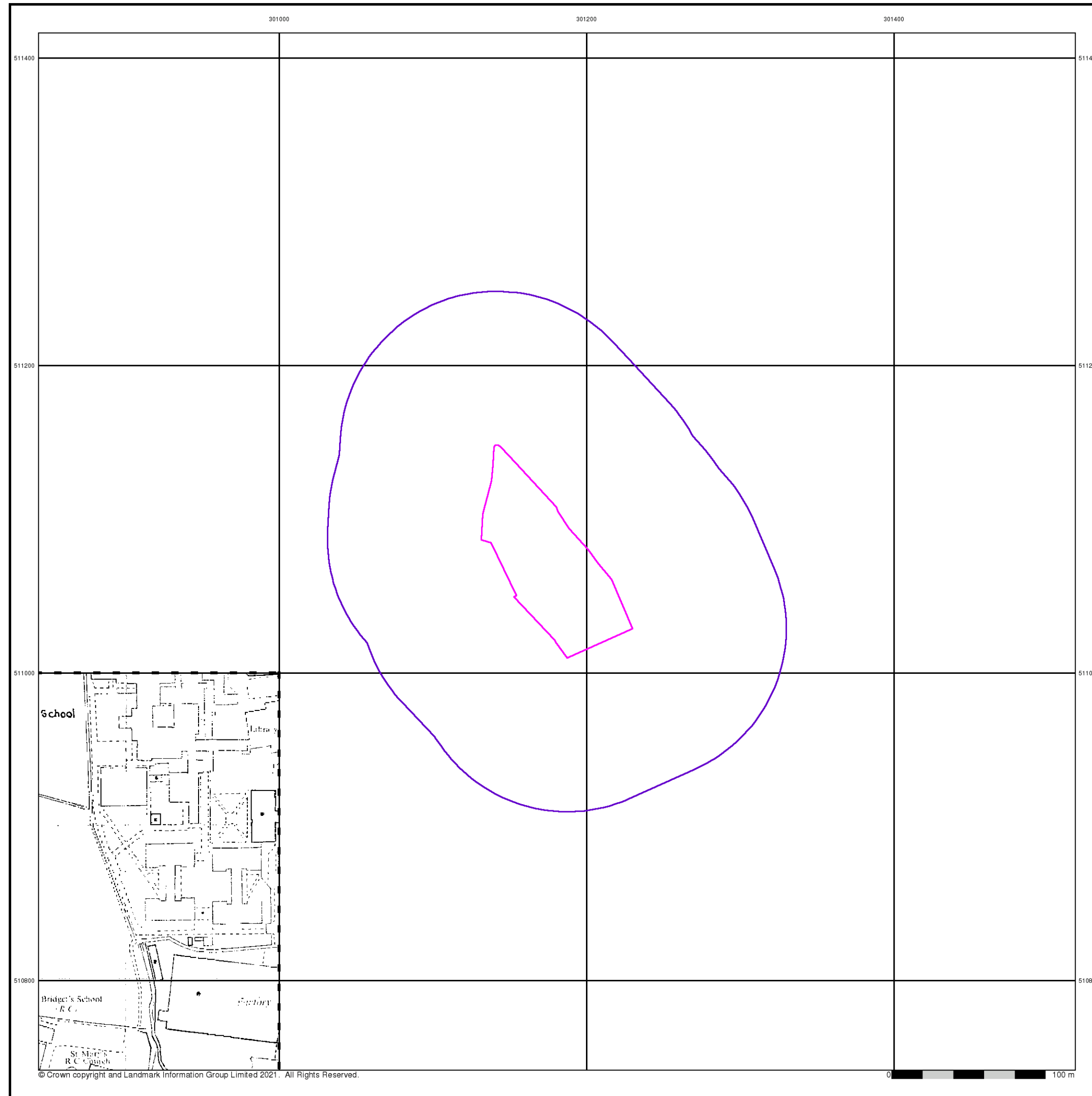
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National Grid Reference: 301180, 511080
Slice: A
Site Area (Ha): 0.64
Search Buffer (m): 100

Site Details

Wyndham Place, EGREMONT, CA22 2DY



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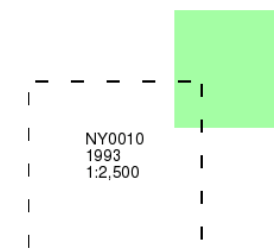
Additional SIMs

Published 1993

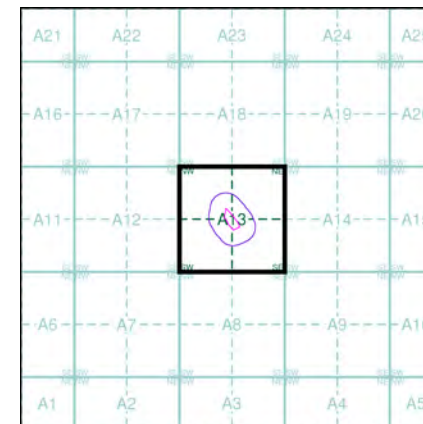
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

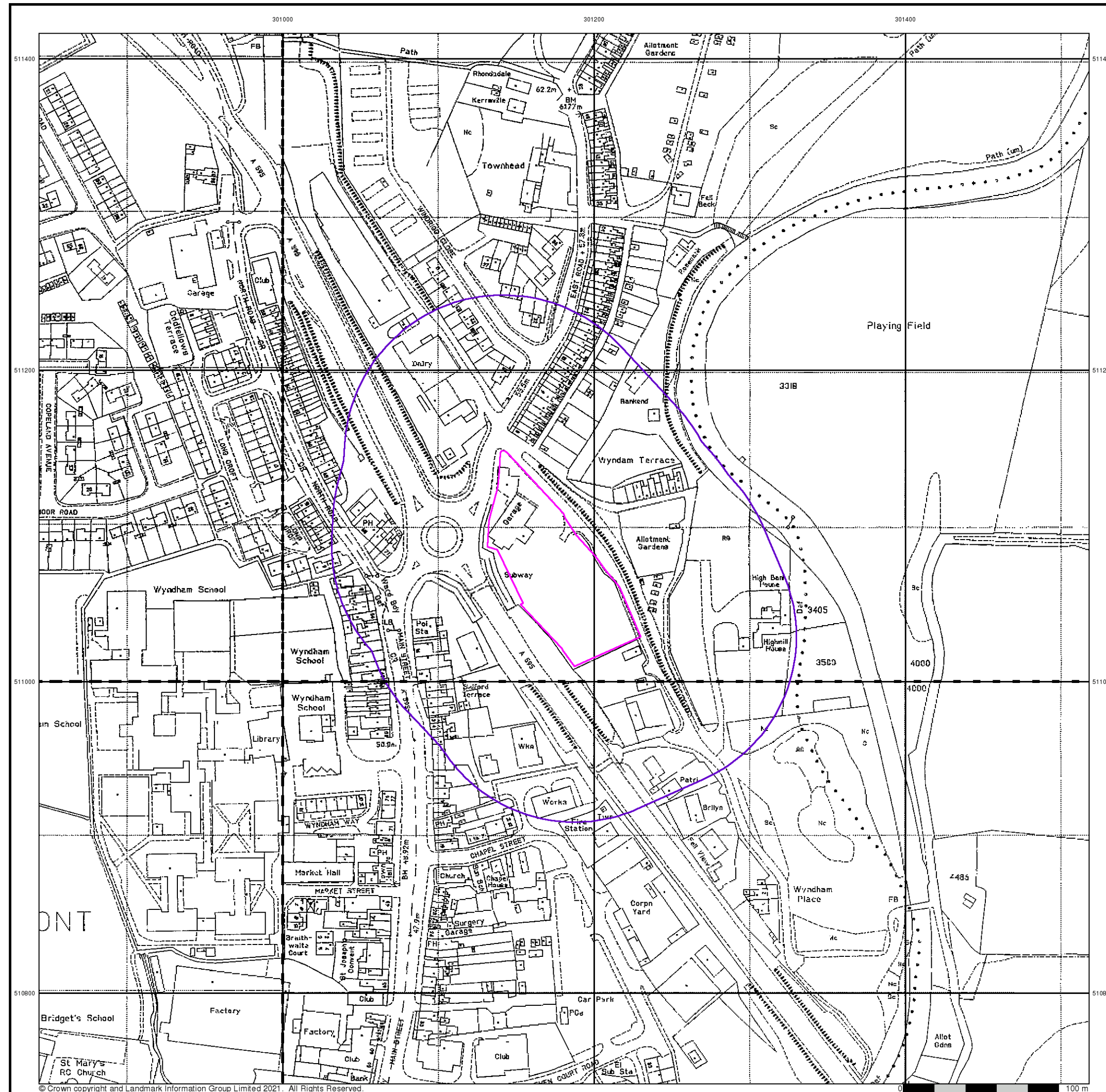
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Customer Ref: P21-172
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Search Buffer (m): 100

Site Details

Wyndham Place, EGREMONT, CA22 2DY



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



Large-Scale National Grid Data

Published 1994

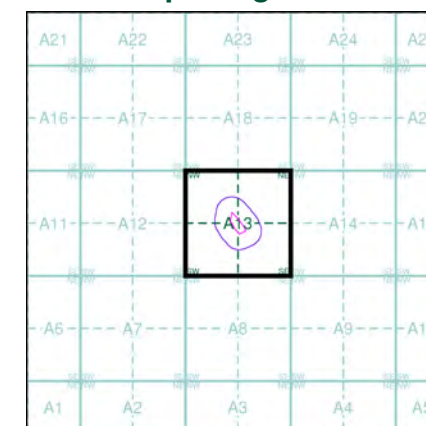
Source map scale - 1:2,500

'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)

NY0011	NY0111
1994	1994
12,500	12,500
NY0010	NY0110
1994	1994
12,500	12,500

Historical Map - Segment A13



Order Details

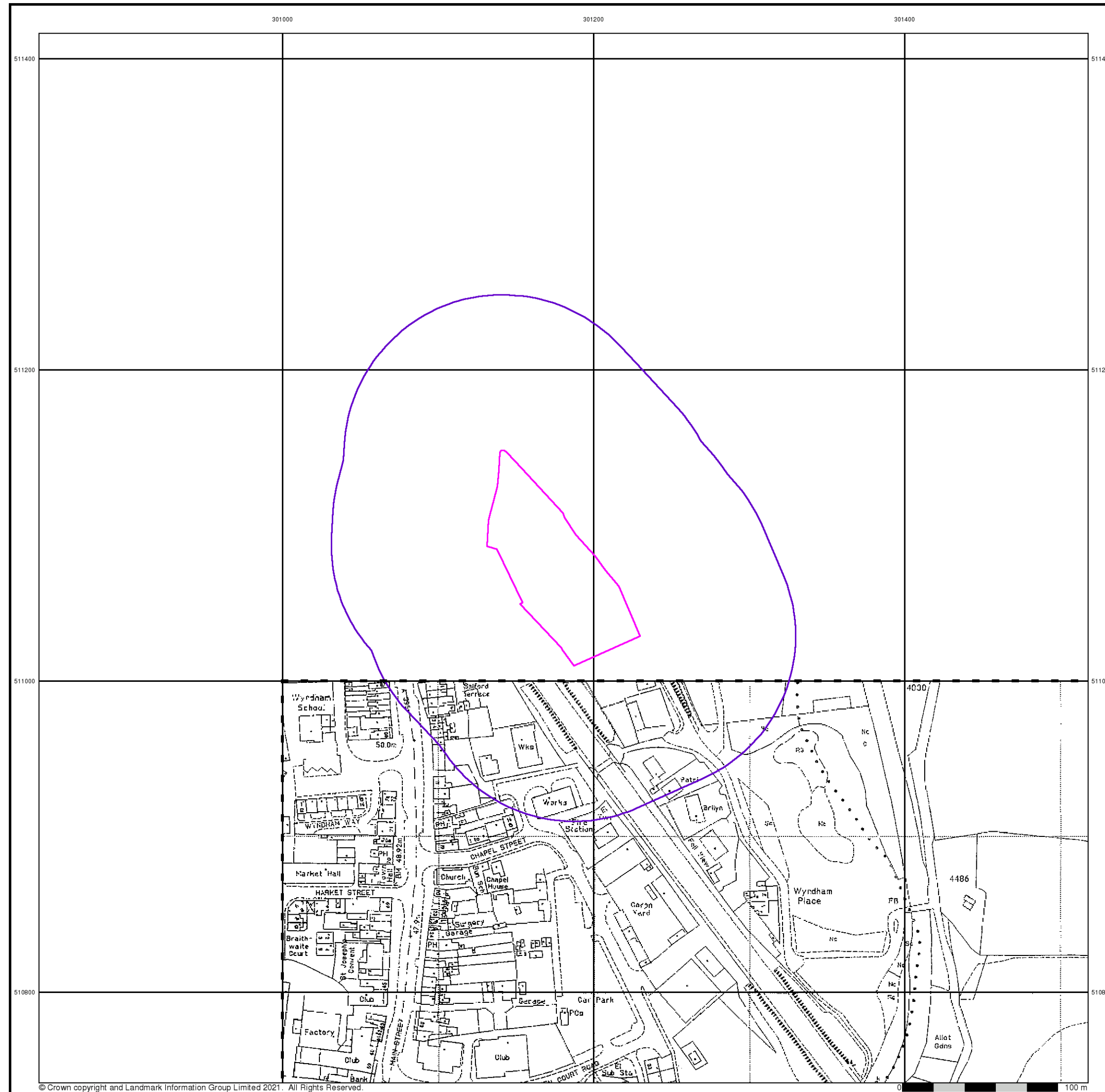
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Customer Ref: P21-172
National Grid Reference: 301180, 511080
Slice: A
Site Area (Ha): 0.64
Search Buffer (m): 100

Site Details

Wyndham Place, EGREMONT, CA22 2DY



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



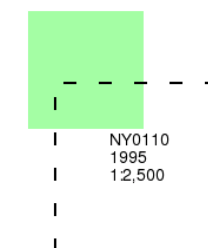
Large-Scale National Grid Data

Published 1995

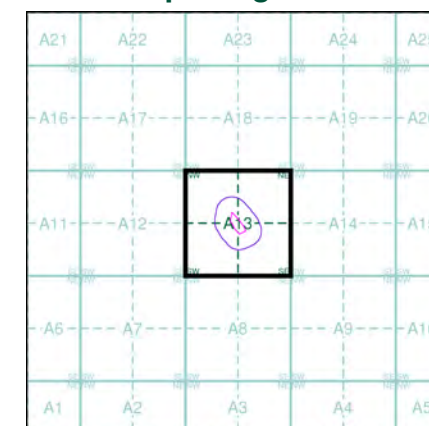
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'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information 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

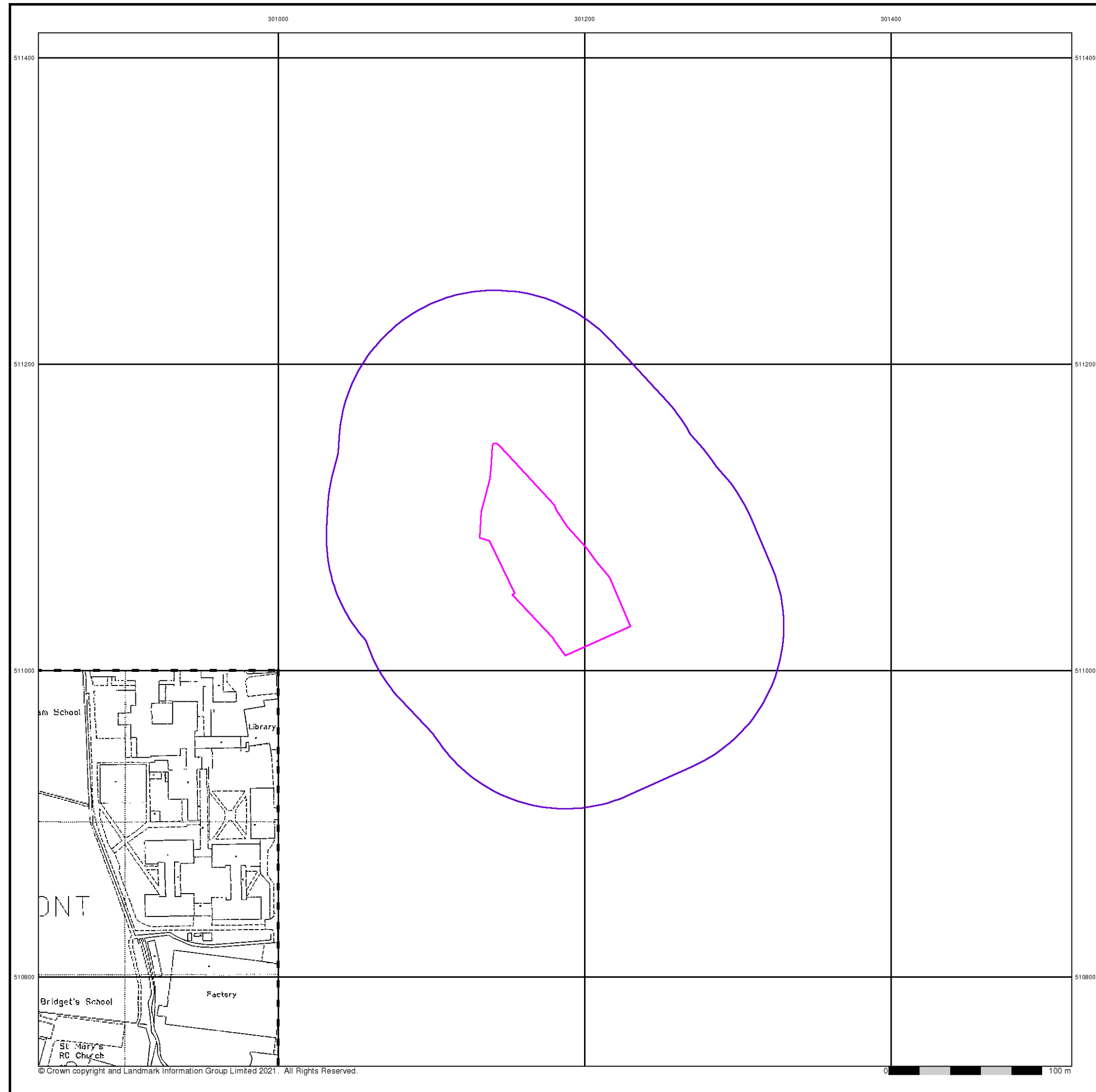
Order Number: 283304079_1_1
Customer Ref: P21-172
National Grid Reference: 301180, 511080
Slice: A
Site Area (Ha): 0.64
Search Buffer (m): 100

Site Details

Wyndham Place, EGREMONT, CA22 2DY



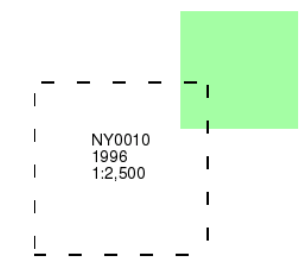
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



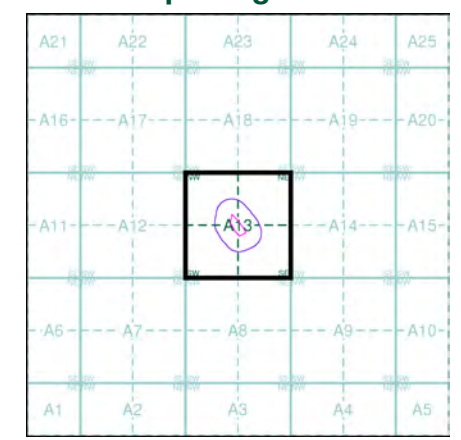
Large-Scale National Grid Data
Published 1996
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

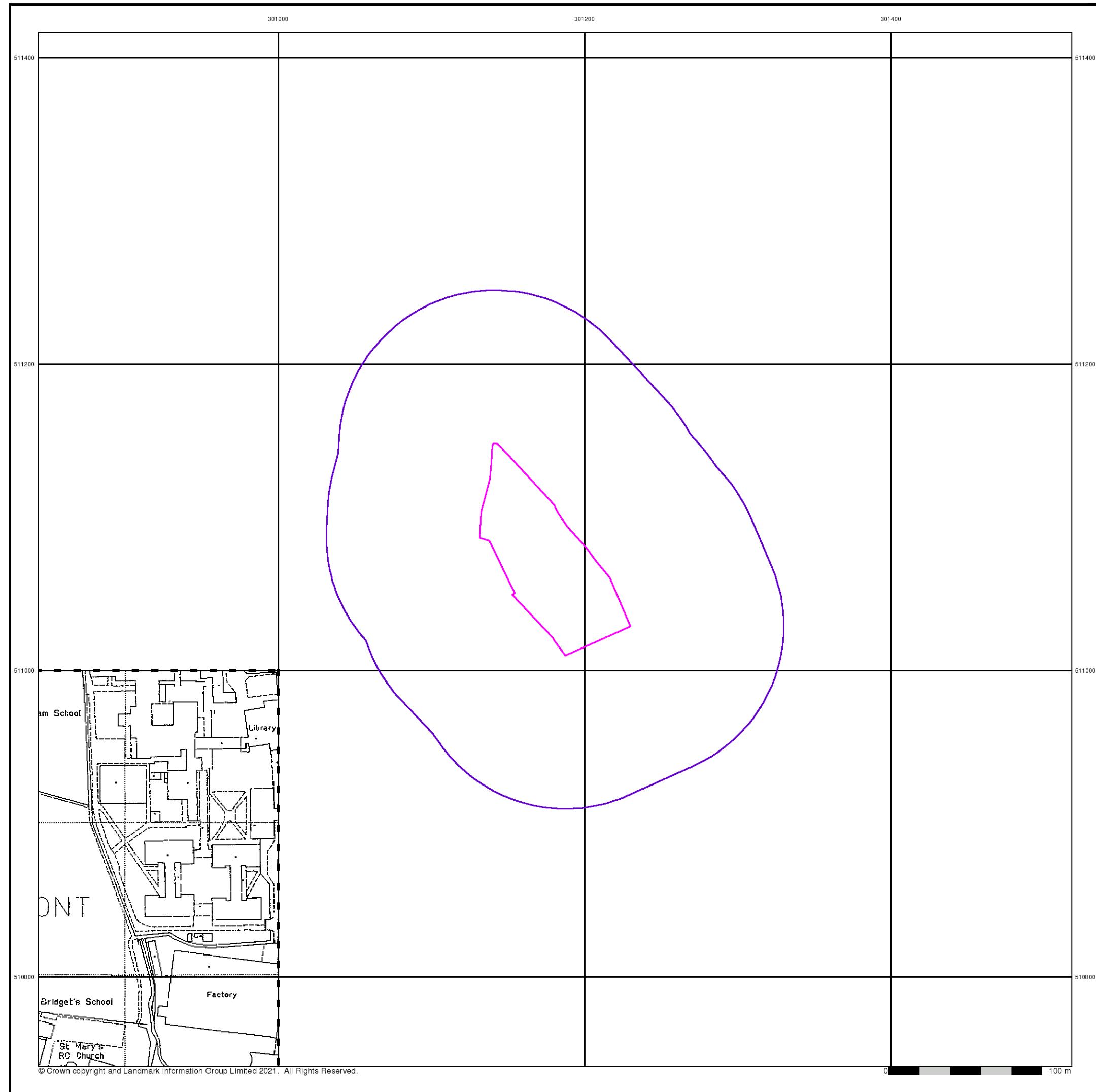
Order Number: 283304079_1_1
Customer Ref: P21-172
National Grid Reference: 301180, 511080
Slice: A
Site Area (Ha): 0.64
Search Buffer (m): 100

Site Details

Wyndham Place, EGREMONT, CA22 2DY



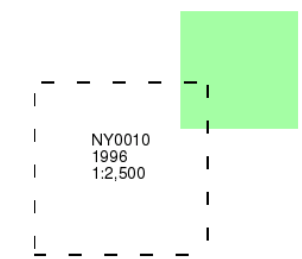
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



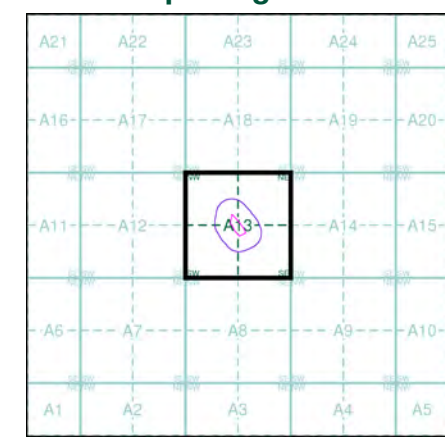
Large-Scale National Grid Data
Published 1996
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 283304079_1_1
Customer Ref: P21-172
National Grid Reference: 301180, 511080
Slice: A
Site Area (Ha): 0.64
Search Buffer (m): 100

Site Details

Wyndham Place, EGREMONT, CA22 2DY



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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

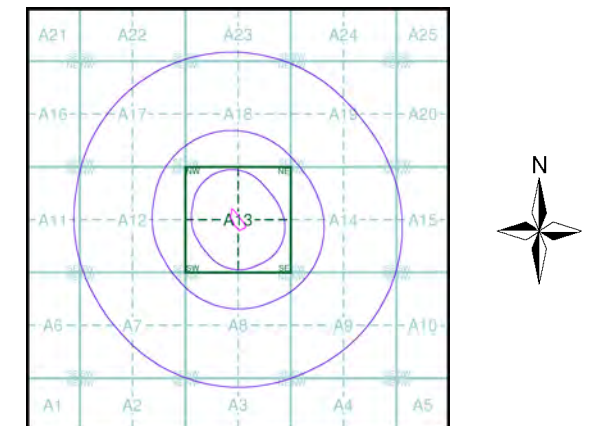
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, 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
	Mean high water (springs)		Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Cumberland	1:10,560	1867	2
Cumberland	1:10,560	1900	3
Cumberland	1:10,560	1926	4
Ordnance Survey Plan	1:10,000	1956 - 1957	5
Ordnance Survey Plan	1:10,000	1967	6
Ordnance Survey Plan	1:10,000	1971	7
Ordnance Survey Plan	1:10,000	1982 - 1988	8
Ordnance Survey Plan	1:10,000	1993 - 1994	9
10K Raster Mapping	1:10,000	2000	10
Street View	Variable		11

Historical Map - Slice A



Order Details

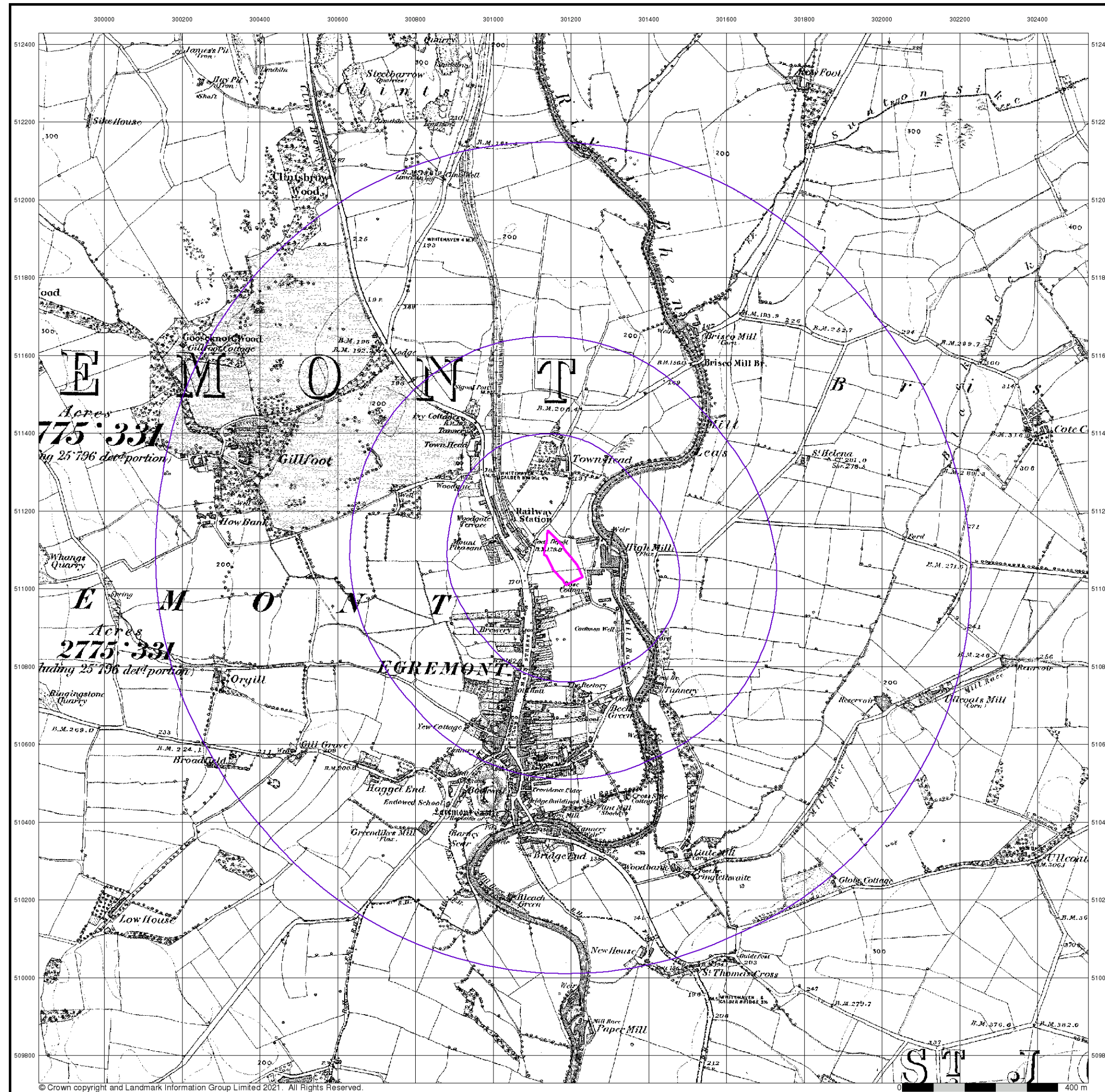
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 Customer Ref: P21-172
 National Grid Reference: 301180, 511080
 Slice: A
 Site Area (Ha): 0.64
 Search Buffer (m): 1000

Site Details

Wyndham Place, EGREMONT, CA22 2DY



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 Web: www.envirocheck.co.uk



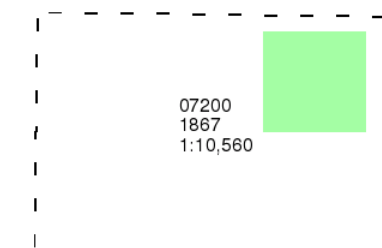
Cumberland

Published 1867

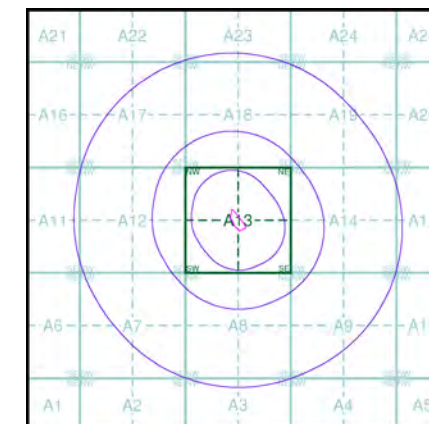
Source map scale - 1:10,560

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

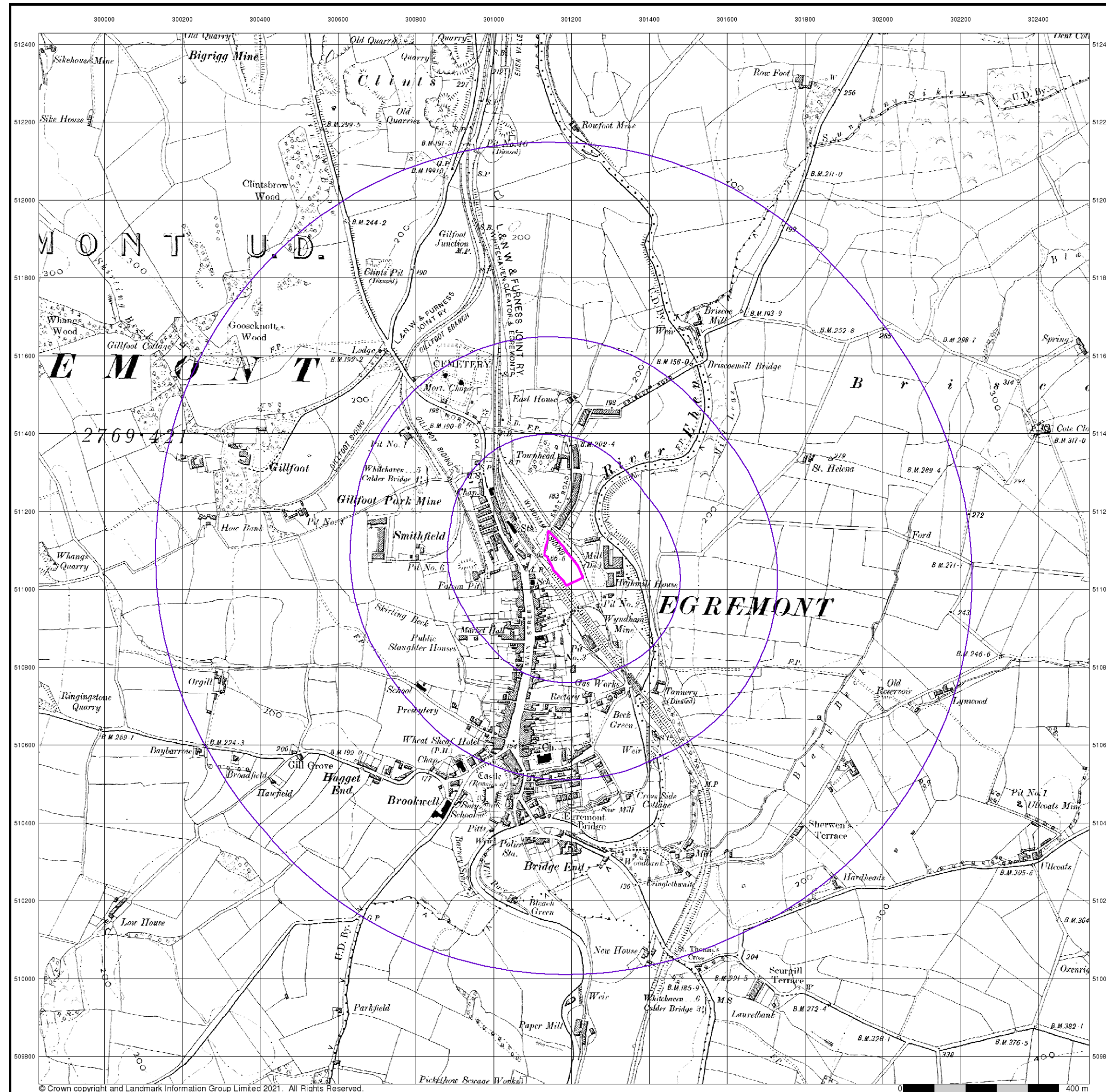
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National Grid Reference: 301180, 511080
Slice: A
Site Area (Ha): 0.64
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Site Details

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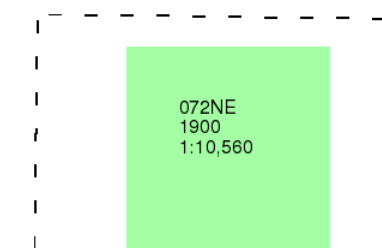
Cumberland

Published 1900

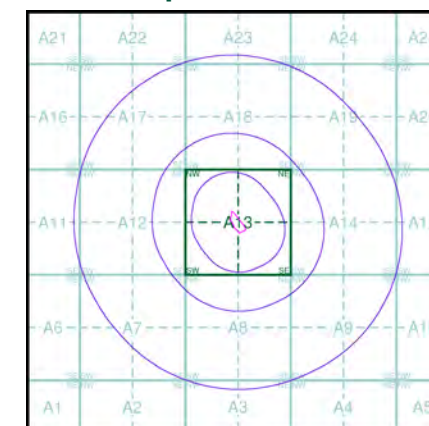
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

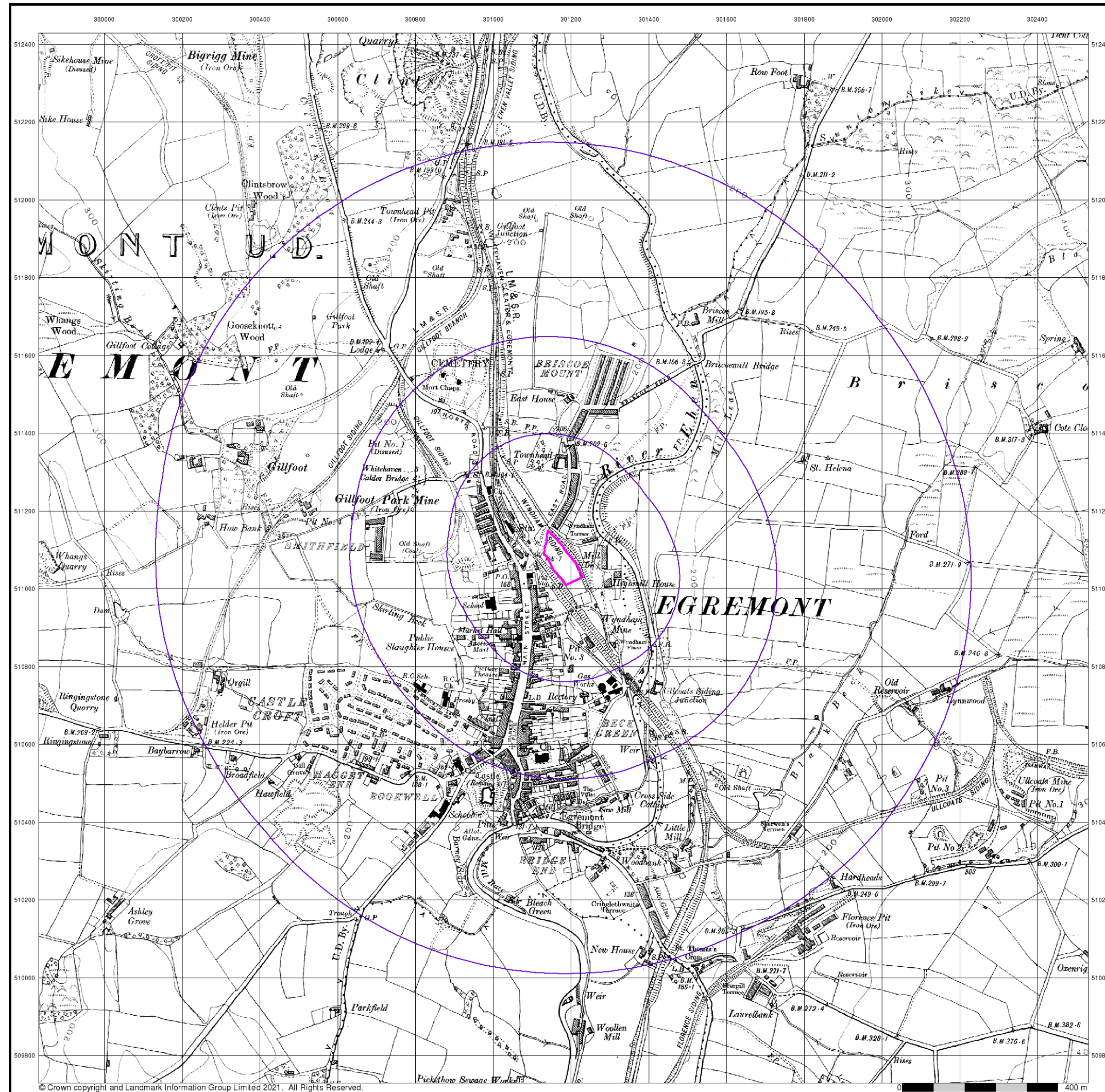
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National Grid Reference: 301180, 511080
Slice: A
Site Area (Ha): 0.64
Search Buffer (m): 1000

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Wyndham Place, EGREMONT, CA22 2DY



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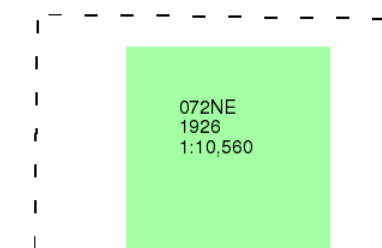
Cumberland

Published 1926

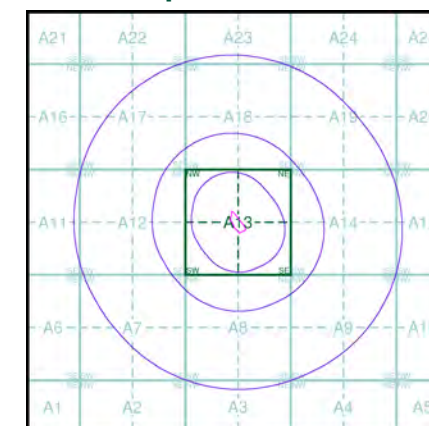
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

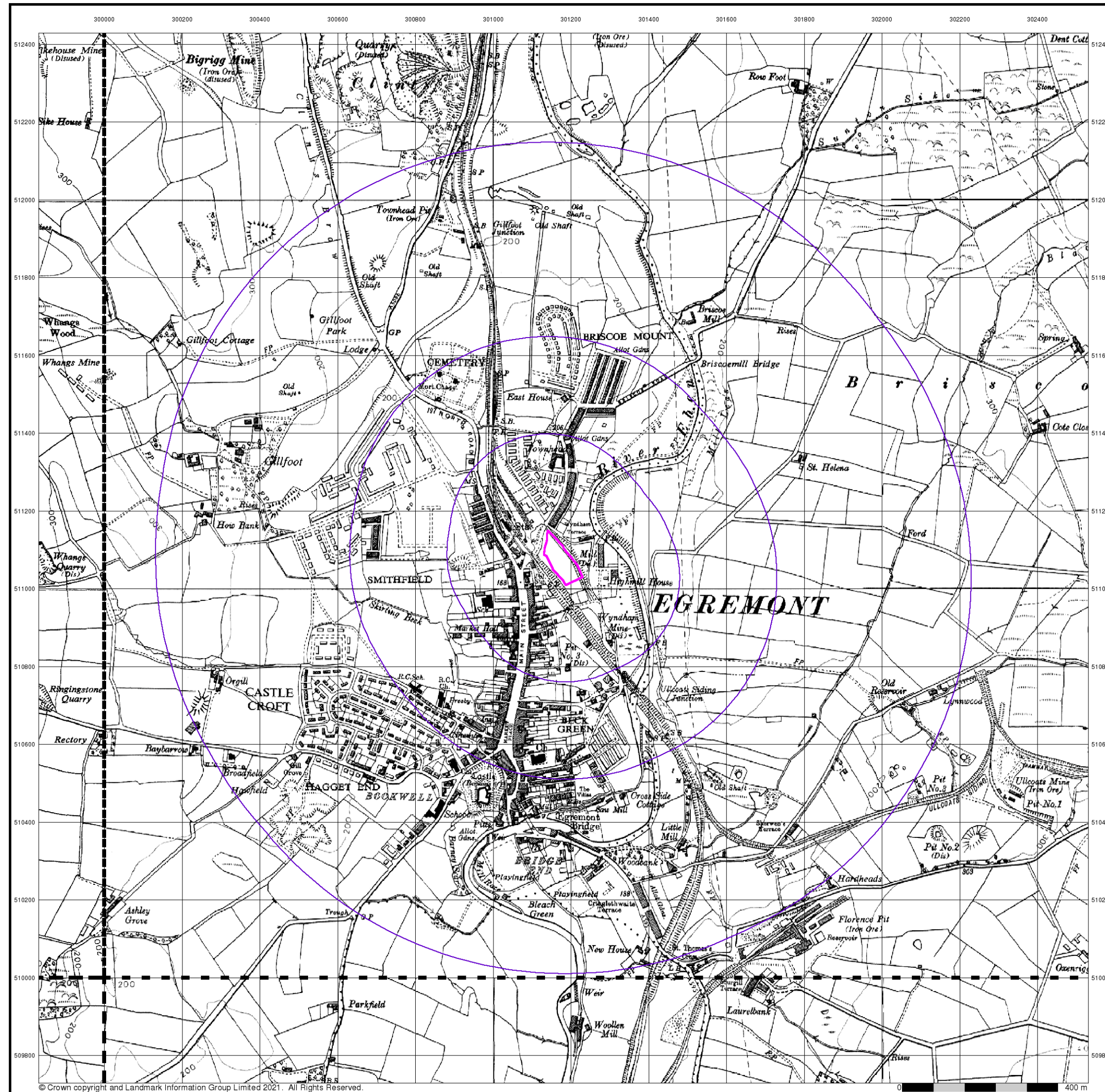
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Search Buffer (m): 1000

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Ordnance Survey Plan

Published 1956 - 1957

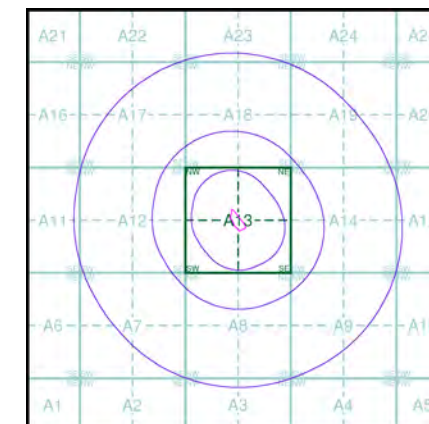
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Map Name(s) and Date(s)

NX91SE	1957	1:10,560	NY01SW	1956	1:10,560
NX90NE	1956	1:10,560	NY00NW	1956	1:10,560

Historical Map - Slice A



Order Details

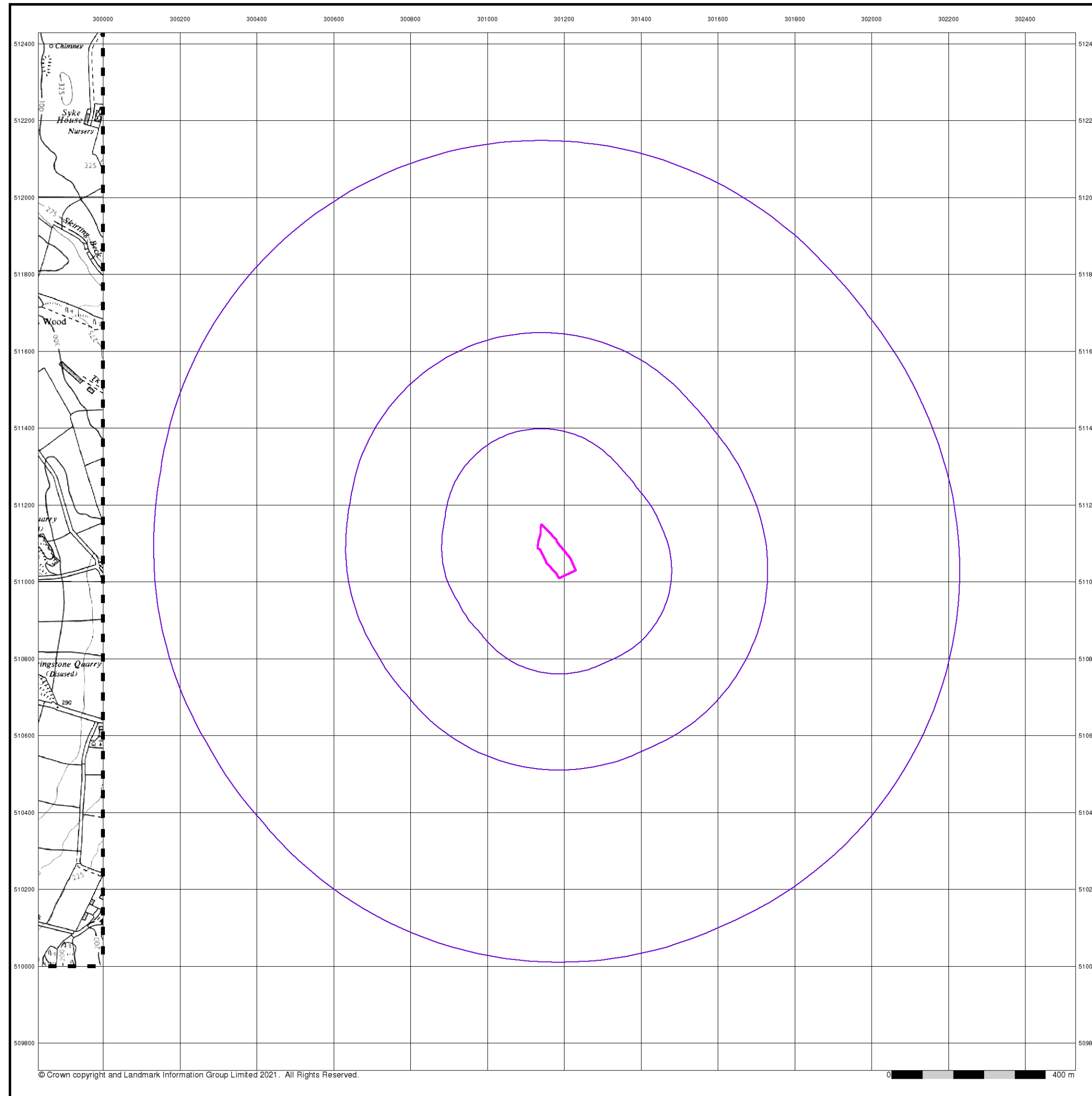
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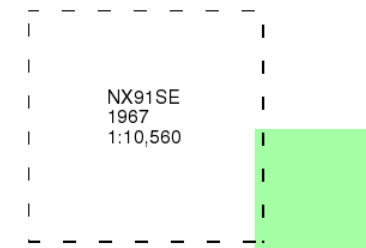
Ordnance Survey Plan

Published 1967

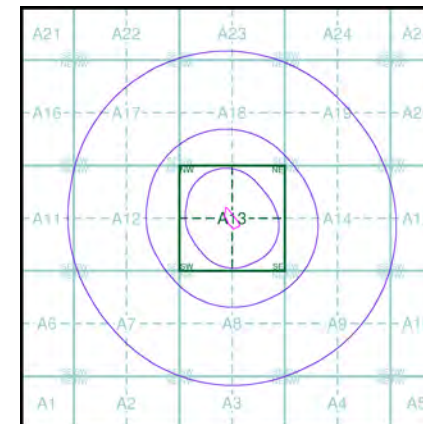
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Map Name(s) and Date(s)



Historical Map - Slice A



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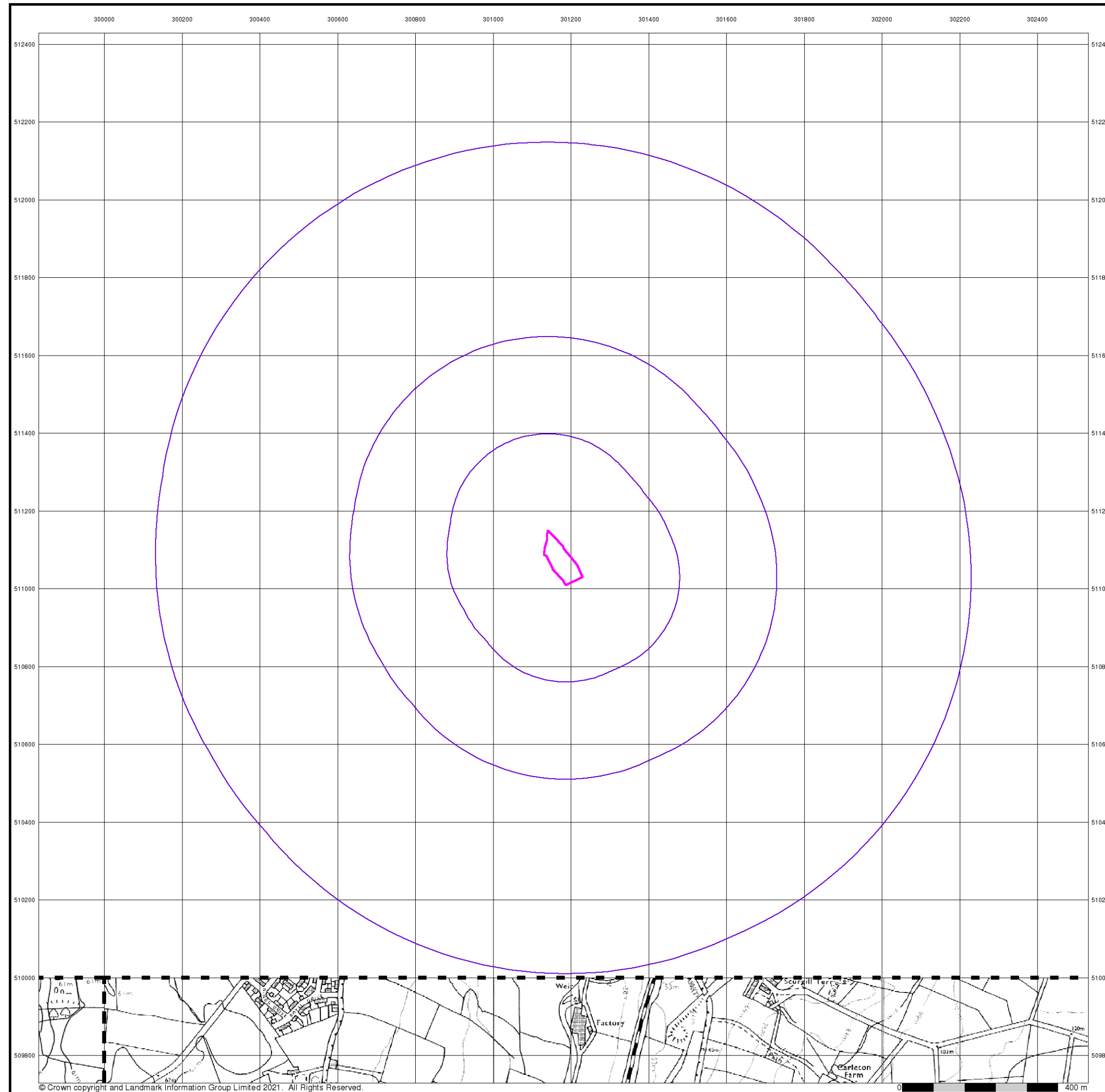
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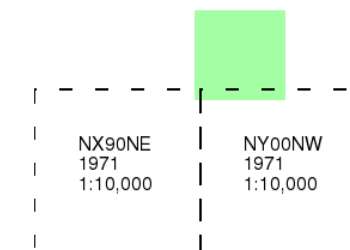
Ordnance Survey Plan

Published 1971

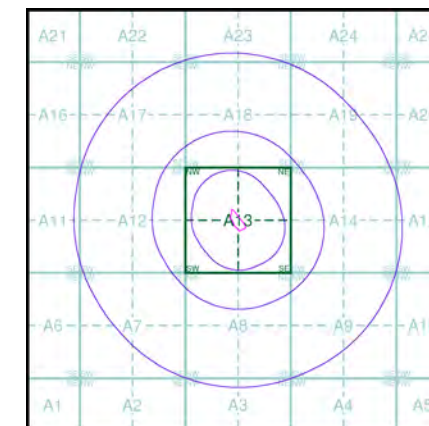
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 283304079_1_1
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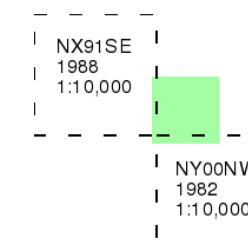
Ordnance Survey Plan

Published 1982 - 1988

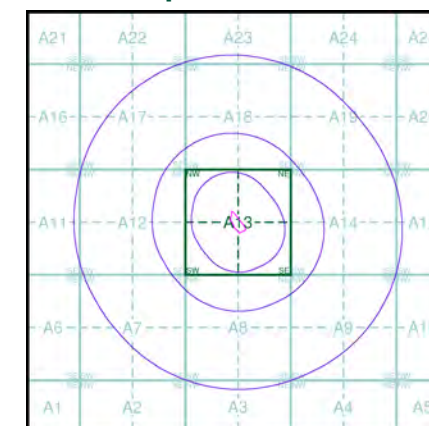
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

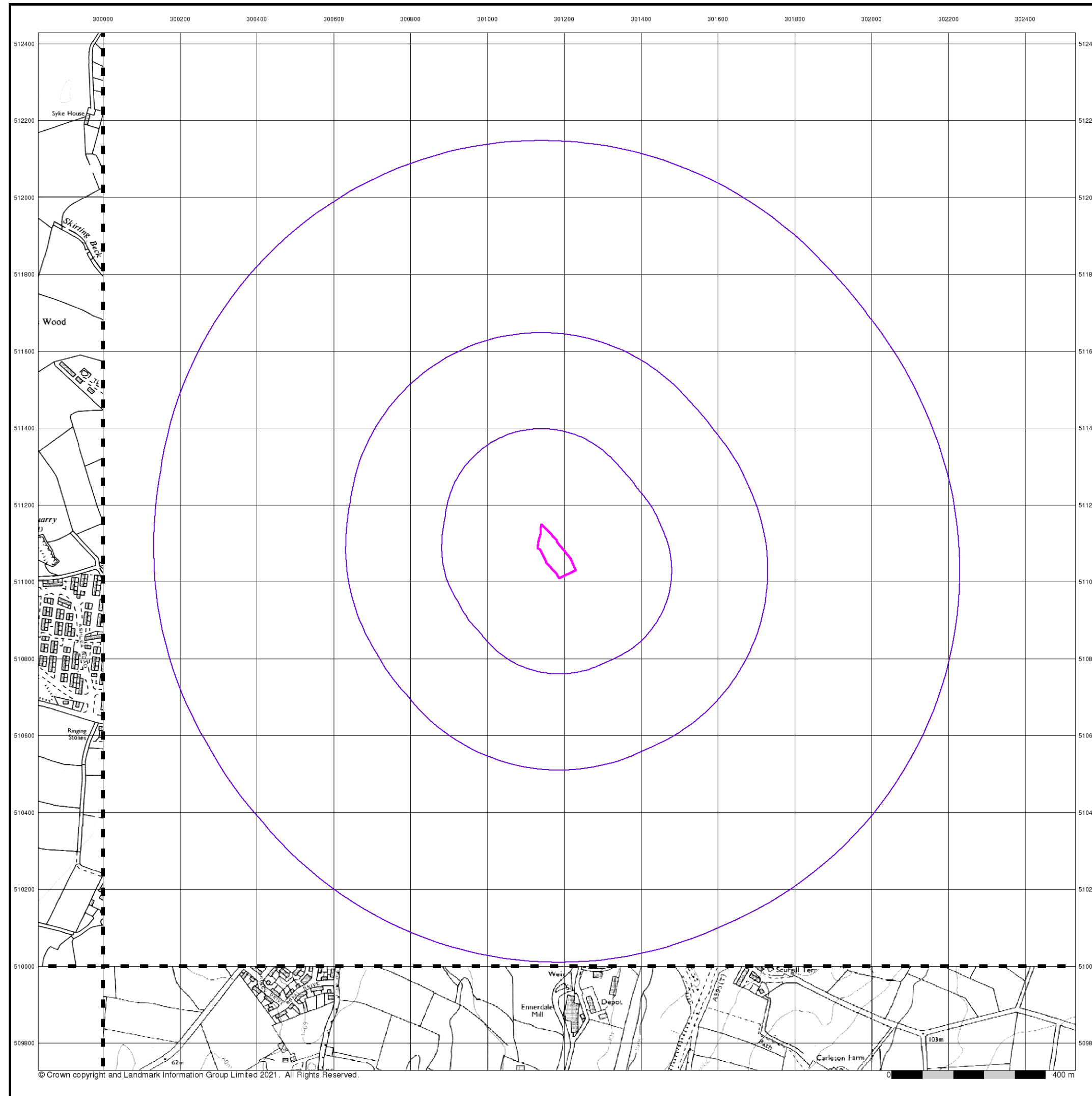
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Slice: A
Site Area (Ha): 0.64
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Site Details

Wyndham Place, EGREMONT, CA22 2DY



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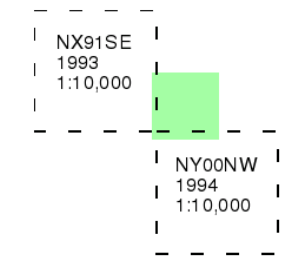
Ordnance Survey Plan

Published 1993 - 1994

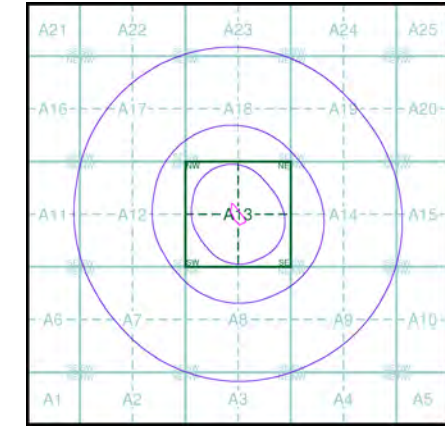
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

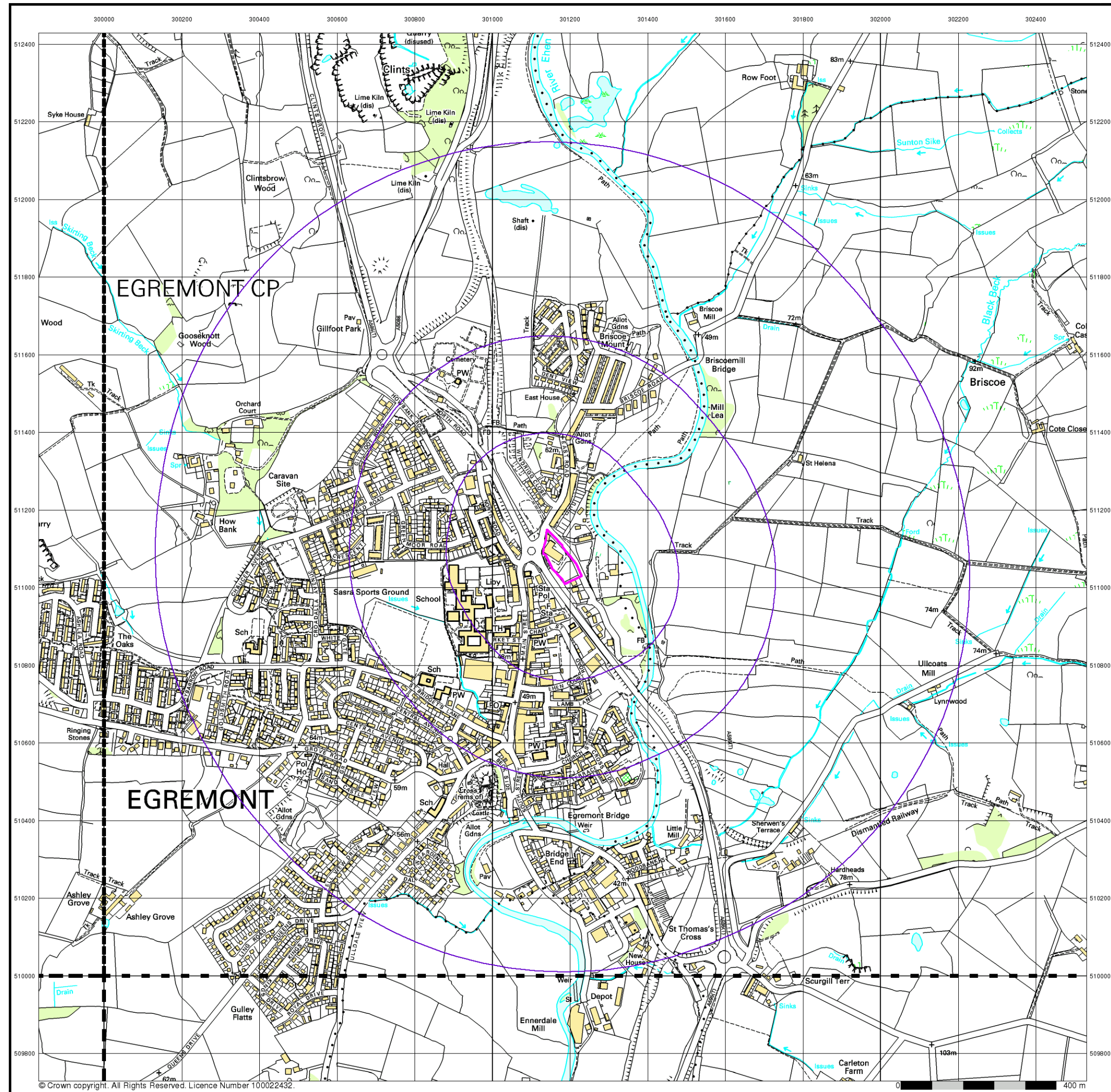
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Search Buffer (m): 1000

Site Details

Wyndham Place, EGREMONT, CA22 2DY



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10k Raster Mapping

Published 2000

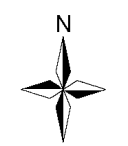
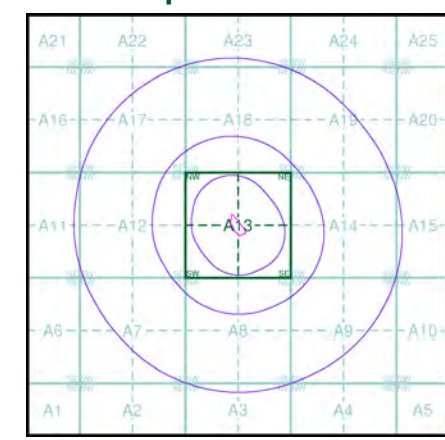
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

NX91SE	NY01SW
2000	2000
1:10,000	1:10,000
NX90NE	NY00NW
2000	2000
1:10,000	1:10,000

Historical Map - Slice A



Order Details

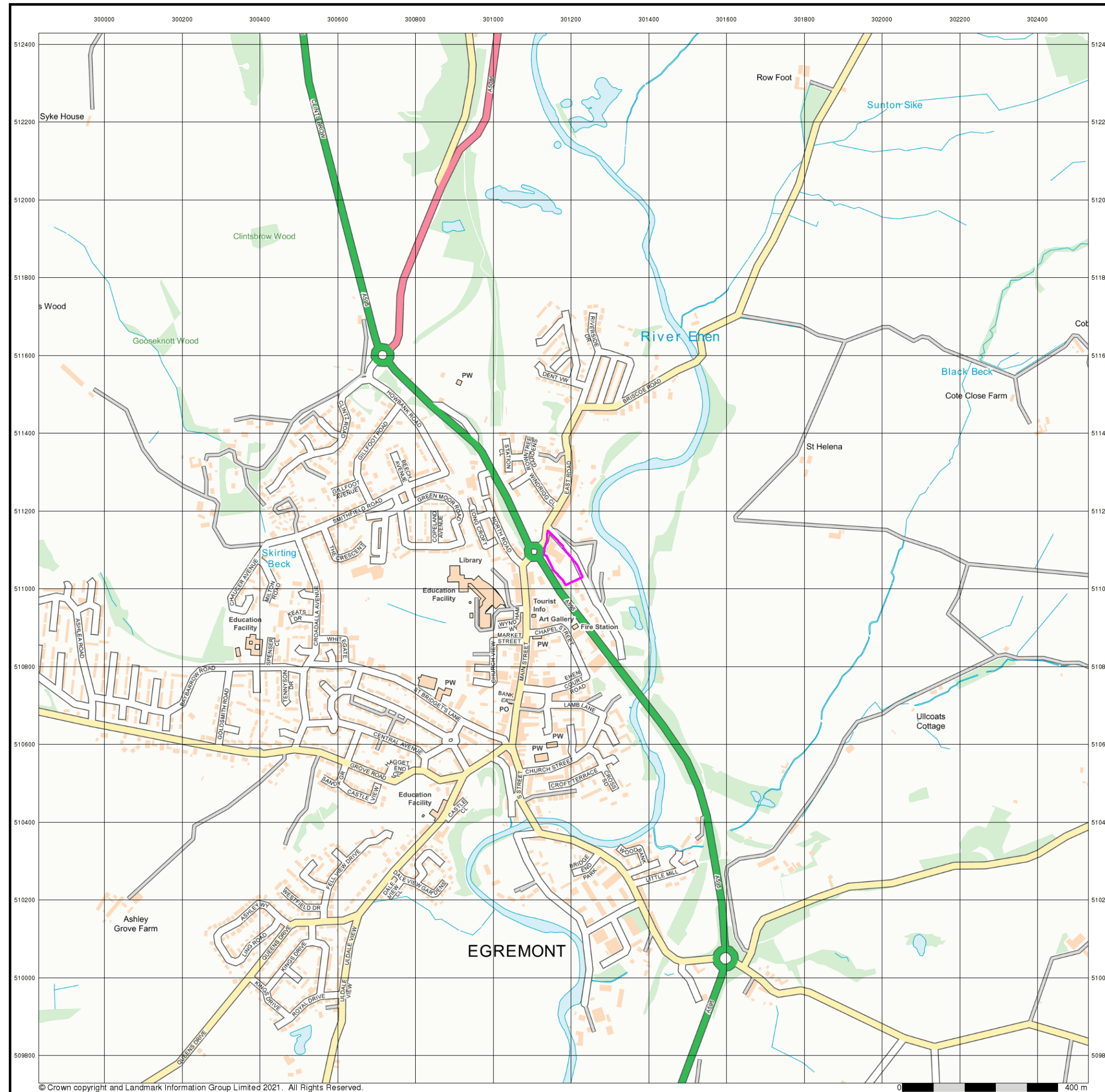
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Slice: A
Site Area (Ha): 0.64
Search Buffer (m): 1000

Site Details

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0 400 m



Street View

Published 2021

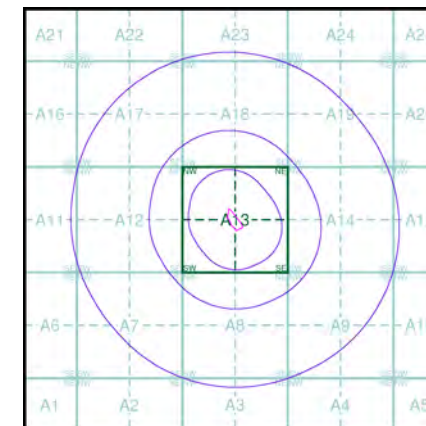
Source map scale - 1:10,000

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: 283304079_1_1
Customer Ref: P21-172
National Grid Reference: 301180, 511080
Slice: A
Site Area (Ha): 0.64
Search Buffer (m): 1000

Site Details

Wyndham Place, EGREMONT, CA22 2DY



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Web: www.envirocheck.co.uk

Appendix D

Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

283304079_1_1

Customer Reference:

P21-172

National Grid Reference:

301180, 511080

Slice:

A

Site Area (Ha):

0.64

Search Buffer (m):

1000

Site Details:

Wyndham Place

EGREMONT

CA22 2DY

Client Details:

Mr A Cooper

3e Consulting Engineers Ltd

6 Benton Office Park

Bennett Ave

Horbury

Wakefield

WF4 5RA

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	32
Hazardous Substances	-
Geological	33
Industrial Land Use	36
Sensitive Land Use	40
Data Currency	41
Data Suppliers	45
Useful Contacts	46

Introduction

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

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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		3	3	14
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 7		1		2
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 8		Yes		
Pollution Incidents to Controlled Waters	pg 8		4	11	44
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 18	1	1		
River Quality Biology Sampling Points	pg 18		1		
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 18				1
Water Abstractions	pg 18				9 (*6)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 22	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 22	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 22	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 22	Yes	n/a	n/a	n/a
Source Protection Zones	pg 22		1		
Extreme Flooding from Rivers or Sea without Defences	pg 22		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 23		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 23		1	10	62

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 32				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 32	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 32				1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 33	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 33				2
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability	pg 33	Yes	n/a	n/a	n/a
Man-Made Mining Cavities	pg 33			3	3
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 34	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 34	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 34		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 34	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 34	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 35	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 35	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 35	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 35	Yes	n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 36	7	14	4	13
Fuel Station Entries	pg 39	1	1		1
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas	pg 40		1		
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 40				2
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (N)	0	1	301175 511077
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	0	1	301200 511077
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	10	1	301175 511000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (E)	27	1	301250 511077
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	43	1	301200 511150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	53	1	301175 511200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	62	1	301200 510950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	77	1	301200 511200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	102	1	301150 511250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	141	1	301050 510950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	148	1	301250 511250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	170	1	301400 511077
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	186	1	301250 511300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	186	1	300950 511050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	188	1	301400 510950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	220	1	301450 511077
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	232	1	301450 511100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	250	1	301450 511150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	256	1	301300 511350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	268	1	301050 511400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	270	1	301500 511077
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	284	1	301450 510850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	290	1	301350 511350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	296	1	301500 511150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	316	1	301500 511200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	322	1	301100 510700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	327	1	301350 511400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	362	1	301550 511200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	371	1	301500 511300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	397	1	301400 511450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	401	1	300950 511500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	436	1	301400 511500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	469	1	300900 511550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	472	1	301550 511400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	474	1	301000 511600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	491	1	300950 511600
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Wyndham Terrace Cso Opposite 7 Wyndham Terrace, Egremont, Copeland, Cumbria, Ca22 2ea Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01cop0028 Permit Version: 3 Effective Date: 17th July 2017 Issued Date: 19th July 2017 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Ehen Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	94	2	301280 511131

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Wyndham Terrace Cso Opposite 7 Wyndham Terrace, Egremont, Copeland, Cumbria, Ca22 2ea Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01COP0028 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Ehen Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	94	2	301280 511130
2	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Wyndham Terrace Cso Opposite 7 Wyndham Terrace, Egremont, Copeland, Cumbria, Ca22 2ea Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01cop0028 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 16th July 2017 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Ehen Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	205	2	301280 511300
3	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: St Bridgets Lane Cso St Bridgets Lane (Thorn How), Egremont, Copeland, Cumbria, Ca22 8bb Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01cop0027 Permit Version: 3 Effective Date: 17th July 2017 Issued Date: 17th July 2017 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Culv'T'D Sect Of Skirting Beck Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NW (S)	439	2	300986 510620
3	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: St Bridgets Lane Cso St Bridgets Lane (Thorn How), Egremont, Copeland, Cumbria, Ca22 8bb Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01cop0027 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 16th July 2017 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Ehen Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	447	2	300970 510620

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: St Bridgets Lane Cso St Bridgets Lane (Thorn How), Egremont, Copeland, Cumbria, Ca22 8bb Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01COP0027 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Ehen Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	447	2	300970 510620
4	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Egremont Ullcoats Stw, Cumbria Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 017470026 Permit Version: 1 Effective Date: 28th December 1979 Issued Date: Not Supplied Revocation Date: 30th January 1985 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Kirk Beck Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A8NE (S)	514	2	301250 510500
4	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Egremont Ullcoats Stw, Cumbria Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 017470026 Permit Version: 2 Effective Date: 31st January 1985 Issued Date: Not Supplied Revocation Date: 31st October 1985 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Kirk Beck Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A8NE (S)	514	2	301250 510500
4	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Egremont Ullcoats Stw, Cumbria Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 017470026 Permit Version: 3 Effective Date: 1st November 1985 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Kirk Beck Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8NE (S)	514	2	301250 510500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Old Bridge, Egremont, Cumbria Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01COP0070 Permit Version: 2 Effective Date: 1st January 1995 Issued Date: 1st January 1995 Revocation Date: 21st June 2005 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Unknown Environment: Receiving Water: Unknown Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A8SW (S)	640	2	301030 510390
5	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Old Bridge, Egremont, Cumbria Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01cop0070 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: Not Supplied Revocation Date: 31st December 1994 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A8SW (S)	640	2	301030 510390
5	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Syphon, Egremont, Copeland, Cumbria Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01cop0026 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 11th April 2014 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Ehen Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8SW (S)	653	2	301060 510370
5	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Syphon, Egremont, Copeland, Cumbria Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01COP0026 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Ehen Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A8SW (S)	653	2	301060 510370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Barney Scar, Egremont, Copeland, Cumbria Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01cop0025 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 11th April 2014 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Ehen Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8SW (S)	829	2	300970 510210
6	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Barney Scar, Egremont, Copeland, Cumbria Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01COP0025 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Ehen Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A8SW (S)	829	2	300970 510210
7	Discharge Consents Operator: Dr Courtney B I Willey Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Ehen Lodge & Heron Garth, Bleach Green, Egremont, Cumbria, Ca22 2nl Authority: Environment Agency, North West Region Catchment Area: Ehen Reference: 017490376 Permit Version: 1 Effective Date: 31st March 2003 Issued Date: 31st March 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwater & Ehen Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	850	2	301060 510170
7	Discharge Consents Operator: Mr Thomas Cooney Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Ehen Lodge & Heron Garth, Bleach Green, Egremont, Cumbria, Ca22 2nl Authority: Environment Agency, North West Region Catchment Area: Ehen Reference: 017490376 Permit Version: 1 Effective Date: 31st March 2003 Issued Date: 31st March 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwater & Ehen Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	850	2	301060 510170

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Dr Courtney B I Willey Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Ehen Lodge & Heron Garth, Bleach Green, Egremont, Cumbria, Ca22 2nl Authority: Environment Agency, North West Region Catchment Area: Ehen Reference: 017490376 Permit Version: 1 Effective Date: 31st March 2003 Issued Date: 31st March 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Groundwater & Ehen Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	858	2	301070 510160
7	Discharge Consents Operator: Mr Thomas Cooney Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Ehen Lodge & Heron Garth, Bleach Green, Egremont, Cumbria, Ca22 2nl Authority: Environment Agency, North West Region Catchment Area: Ehen Reference: 017490376 Permit Version: 1 Effective Date: 31st March 2003 Issued Date: 31st March 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Groundwater & Ehen Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	858	2	301070 510160
8	Discharge Consents Operator: Egremont Mining Co Ltd Property Type: MINING OF COAL + LIGNITE Location: Winder Mine, Florence Mine, Egremont, Cumbria Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 017490228 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Ehen Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	884	2	301730 510300
9	Local Authority Pollution Prevention and Controls Name: Jubilee Garage (Egremont) Ltd Location: North Road, Egremont, Ca22 2pr Authority: Copeland Borough Council, Environmental Health Department Permit Reference: CBC/LAPPC/B/26 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	241	3	300936 511275
10	Local Authority Pollution Prevention and Controls Name: Bridge End Garage Location: Egremont, Ca22 2rq Authority: Copeland Borough Council, Environmental Health Department Permit Reference: CBC/LAPPC/B/11 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8SE (S)	764	3	301308 510256

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Local Authority Pollution Prevention and Controls Name: Egremont Mining Co Ltd Location: Florence Mine, EGREMONT, Cumbria, CA22 2NR Authority: Copeland Borough Council, Environmental Health Department Permit Reference: CBC/LAPPC/B/14 Dated: 2nd January 1997 Process Type: Local Authority Air Pollution Control Description: Part B - General Mineral Process (No Specific Reference) Status: Authorised Positional Accuracy: Automatically positioned to the address	A9SW (SE)	905	3	301755 510292
	Nearest Surface Water Feature	A13NE (NE)	93	-	301269 511144
12	Pollution Incidents to Controlled Waters Property Type: Private Sewage: Sewage Works And Septic Tanks Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 19th February 1992 Incident Reference: 92210033 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (E)	93	2	301300 511100
13	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Cumbria Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Found Incident Date: 19th August 1994 Incident Reference: 94210100 Catchment Area: Irish Sea Coastal Receiving Water: Watercourse Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (N)	153	2	301100 511295
13	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Cumbria Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Found Incident Date: 19th August 1994 Incident Reference: 94210096 Catchment Area: Ehen Receiving Water: Watercourse Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (N)	158	2	301100 511300
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 28th January 1992 Incident Reference: 92210012 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	214	2	301400 510900
15	Pollution Incidents to Controlled Waters Property Type: Other Location: River Ehen, Lamb Howe, EGREMONT Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Other Note: Contaminated Water Incident Date: 19th June 1997 Incident Reference: 97210048 Catchment Area: Ehen Receiving Water: Freshwater Stream/River Cause of Incident: Leaking Underground Pipe Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (S)	280	2	301290 510750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Pollution Incidents to Controlled Waters Property Type: Office Location: Windham School, EGREMONT Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Diesel Incident Date: 11th November 1998 Incident Reference: NO980459 Catchment Area: Ehen Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	282	2	301000 510800
17	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Cumbria Authority: Environment Agency, North West Region Pollutant: Not Given Note: River Ehen; None Pollution Found Incident Date: 2nd September 1993 Incident Reference: 93210094 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	286	2	301400 510800
17	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Cumbria Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Found Incident Date: 13th July 1994 Incident Reference: 94210068 Catchment Area: Ehen Receiving Water: Watercourse Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	290	2	301400 510795
18	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Cumbria Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Pollution Found Incident Date: 17th January 1996 Incident Reference: 96210003 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	297	2	301300 511400
19	Pollution Incidents to Controlled Waters Property Type: No Premises Identified Location: River Ehen, EGREMONT, Cumbria Authority: Environment Agency, North West Region Pollutant: Other Pollutant Note: Not Supplied Incident Date: 17th June 1999 Incident Reference: 28646 Catchment Area: Ehen Receiving Water: Estuary Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	371	2	301400 510700
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Cumbria Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Skirting Beck; Sediment Incident Date: 6th June 1996 Incident Reference: 96210044 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	423	2	300905 510695

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Skirting Beck Incident Date: 18th May 1995 Incident Reference: 95210052 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	423	2	300900 510700
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Cumbria Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Pollution Found Incident Date: 21st May 1996 Incident Reference: 96210040 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	427	2	300900 510695
21	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Unknown Sewage Note: Skirting Beck Incident Date: 15th February 1993 Incident Reference: 93210010 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	433	2	300800 510800
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Skirting Bk , EGREMONT Authority: Environment Agency, North West Region Pollutant: Oils - Waste Oil Note: Oil; Waste Oil Incident Date: 12th March 1997 Incident Reference: 97210017 Catchment Area: Ehen Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	496	2	300800 510700
23	Pollution Incidents to Controlled Waters Property Type: Connection To Surface Drains Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Unknown Sewage Note: Skirting Beck Incident Date: 13th May 1993 Incident Reference: 93210034 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	501	2	300900 510600
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Cumbria Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Skirting Beck; Sediment Incident Date: 5th June 1996 Incident Reference: 96210043 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	502	2	300905 510595

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 23rd May 1995 Incident Reference: 95210057 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	505	2	300900 510595
24	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Animal Carcasses Note: Not Supplied Incident Date: 15th February 1994 Incident Reference: 94210014 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (NE)	502	2	301500 511500
25	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 8th April 1993 Incident Reference: 93210026 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (NE)	521	2	301400 511600
26	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Water Distribution System Location: Tributary River Ehen, Huncoat Mill, EGREMONT Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Silt Incident Date: 9th July 1997 Incident Reference: 97210056 Catchment Area: Ehen Receiving Water: Freshwater Stream/River Cause of Incident: Leaking Underground Pipe Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NE (S)	523	2	301300 510500
27	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Cumbria Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Found Incident Date: 2nd August 1994 Incident Reference: 94210077 Catchment Area: Ehen Receiving Water: Watercourse Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	544	2	301000 510500
28	Pollution Incidents to Controlled Waters Property Type: Private Sewage: Sewage Works And Septic Tanks Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Black Beck Incident Date: 22nd March 1994 Incident Reference: 94210029 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Inadequate Design/Capacity Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	594	2	301500 510500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Cumbria Authority: Environment Agency, North West Region Pollutant: Unknown Note: Diesel To Ground Incident Date: 8th June 1996 Incident Reference: 96210045 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	599	2	301500 510495
29	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Cumbria Authority: Environment Agency, North West Region Pollutant: Not Given Note: None Pollution Found Incident Date: 13th August 1992 Incident Reference: 92210211 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	609	2	301400 511700
30	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Water Treatment Works Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chlorinated Water Note: Not Supplied Incident Date: 29th August 1994 Incident Reference: 94210108 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Leaking Underground Pipe Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	616	2	301100 510400
31	Pollution Incidents to Controlled Waters Property Type: Connection To Surface Drains Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Other Note: Not Supplied Incident Date: 22nd June 1993 Incident Reference: 93210052 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	621	2	301300 510400
32	Pollution Incidents to Controlled Waters Property Type: WSC Sewage, Sewerage & Supply: Southern Water Ltd Location: River Ehen, Egremont, EGREMONT, Cumbria Authority: Environment Agency, North West Region Pollutant: Other Note: Not Supplied Incident Date: 24th September 1999 Incident Reference: 32735 Catchment Area: Ehen Receiving Water: River Stretch (Freshwater) Cause of Incident: Drainage Failures : Foul Sewer Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A8SW (S)	637	2	301005 510400
32	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 10th August 1992 Incident Reference: 92210208 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	638	2	301000 510400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	Pollution Incidents to Controlled Waters Property Type: Road Location: River Ehen At Egremont Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Sediment Incident Date: 19th June 1998 Incident Reference: NO980252 Catchment Area: Ehen Receiving Water: Freshwater Stream/River Cause of Incident: Deliberate Disposal To Drain Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	642	2	301005 510395
32	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Combined Sewer Overflow Location: River Ehen , Egremont Bridge Authority: Environment Agency, North West Region Pollutant: Sewage - Storm Overflow Note: Crude; Sewage Overflow Incident Date: 4th May 1997 Incident Reference: 97210038 Catchment Area: Ehen Receiving Water: Freshwater Stream/River Cause of Incident: CSO Normal Operation Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	643	2	301000 510395
33	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Rubble/Litter Or Solids Note: Not Supplied Incident Date: 24th June 1993 Incident Reference: 93210057 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	646	2	301400 510400
33	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 22nd December 1994 Incident Reference: 94210143 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	651	2	301400 510395
33	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Unknown Note: Not Supplied Incident Date: 11th October 1995 Incident Reference: 95210103 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	653	2	301405 510395
34	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Rubble/Litter Or Solids Note: Not Supplied Incident Date: 9th August 1993 Incident Reference: 93210083 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	675	2	300900 510400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Cumbria Authority: Environment Agency, North West Region Pollutant: Not Given Note: Black Beck; None Pollution Found Incident Date: 11th May 1993 Incident Reference: 93210032 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (SE)	685	2	301500 510400
36	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Ehen Tributary Incident Date: 14th October 1991 Incident Reference: 91210090 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	719	2	301300 510300
37	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Not Supplied Incident Date: 27th April 1992 Incident Reference: 92210083 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	730	2	301600 510400
37	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Black Beck Incident Date: 30th June 1992 Incident Reference: 92210105 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	733	2	301605 510400
37	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Black Beck Incident Date: 27th July 1992 Incident Reference: 92210205 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	735	2	301600 510395
37	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Black Beck Incident Date: 8th July 1993 Incident Reference: 93210066 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	737	2	301605 510395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	Pollution Incidents to Controlled Waters Property Type: WSC Sewage, Sewerage & Supply: Northumbrian Water Ltd Location: River Ehen, Rugby Club, Off The Main Road, Cumbria Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 11th August 1999 Incident Reference: 31217 Catchment Area: Ehen Receiving Water: River Stretch (Freshwater) Cause of Incident: Drainage Failures : Combined Sewer Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	735	2	301000 510300
39	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Ehen, Egremont Road Bridge Authority: Environment Agency, North West Region Pollutant: Natural: Not Known Note: Discoloured; Silt Incident Date: 17th September 1997 Incident Reference: 97210078 Catchment Area: Ehen Receiving Water: Freshwater Stream/River Cause of Incident: Natural Causes Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	766	2	300900 510300
39	Pollution Incidents to Controlled Waters Property Type: No Premises Identified Location: Egremont, Cumbria Authority: Environment Agency, North West Region Pollutant: No Pollutant Note: Not Supplied Incident Date: 18th April 1999 Incident Reference: 29323 Catchment Area: Ehen Receiving Water: Estuary Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A8SW (S)	771	2	300900 510295
40	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Agricultural: General Note: Skirting Beck Incident Date: 25th November 1992 Incident Reference: 92210238 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (NW)	782	2	300400 511400
41	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Black Beck Incident Date: 8th July 1993 Incident Reference: 93210061 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	786	2	301700 510400
41	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Cumbria Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Black Beck; Sediment Incident Date: 11th June 1996 Incident Reference: 96210048 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Land Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	790	2	301700 510395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	Pollution Incidents to Controlled Waters Property Type: Not Given Location: River Ehen Authority: Environment Agency, North West Region Pollutant: Sewage - Storm Overflow Note: Raw Sewage Incident Date: 21st November 1998 Incident Reference: NO980475 Catchment Area: Ehen Receiving Water: Freshwater Stream/River Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	809	2	300800 510300
43	Pollution Incidents to Controlled Waters Property Type: Beef Cattle Location: Skitter Beck , EGREMONT Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Cattle slurry Note: Farm Drainage; Cattle Slurry Incident Date: 19th May 1997 Incident Reference: 97210039 Catchment Area: Ehen Receiving Water: Freshwater Stream/River Cause of Incident: Burst/Leaking Stores Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	833	2	300305 511195
43	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Yard Washings Note: Skirting Beck Incident Date: 6th September 1994 Incident Reference: 94210117 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Poor/Inadequate Maintenance Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	838	2	300300 511195
43	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Agricultural: General Note: Ehen Tributary Incident Date: 18th March 1992 Incident Reference: 92210067 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	838	2	300300 511200
44	Pollution Incidents to Controlled Waters Property Type: Clay (General) Location: Florence Mine Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Sediment Incident Date: 12th November 1998 Incident Reference: NO980512 Catchment Area: Ehen Receiving Water: Freshwater Stream/River Cause of Incident: Land Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	849	2	301800 510400
45	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Agricultural: General Note: Skirting Beck Incident Date: 10th June 1993 Incident Reference: 93210050 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	854	2	300300 511300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Industrial Effluent Note: Ehen; Iron Oxide Incident Date: 12th August 1993 Incident Reference: 93210079 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	872	2	301700 510295
47	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Agricultural: General Note: Skirting Beck Incident Date: 6th May 1993 Incident Reference: 93210031 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	877	2	300300 511400
48	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: River Ehen Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Cement Incident Date: 28th May 1998 Incident Reference: NO980234 Catchment Area: Greta Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	917	2	301300 510100
49	Pollution Incidents to Controlled Waters Property Type: Metallic Ore Location: Florence Mine Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: River Blood Red Incident Date: 9th July 1998 Incident Reference: NO980314 Catchment Area: Ehen Receiving Water: Freshwater Stream/River Cause of Incident: Land Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	926	2	301800 510300
50	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Agricultural: General Note: Sdkirting Beck Incident Date: 21st September 1993 Incident Reference: 93210100 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	938	2	300200 511200
51	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Silage Liquor Note: Tributary Skirting Beck Incident Date: 9th August 1994 Incident Reference: 94210105 Catchment Area: Ehen Receiving Water: Not Given Cause of Incident: Leaking Silo Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	974	2	300200 511400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Ehen GQA Grade: River Quality B Reach: Keele To Egremont Estimated Distance (km): 2.3 Flow Rate: Flow less than 5 cumecs Flow Type: River Year: 2000	A13SE (SE)	0	2	301188 511071
	River Quality Name: Ehen GQA Grade: River Quality B Reach: Egremont To Fwl(Bnfl Pipe Br) Estimated Distance (km): 10.7 Flow Rate: Flow less than 10 cumecs Flow Type: River Year: 2000	A13SE (SE)	77	2	301289 510979
52	River Quality Biology Sampling Points Name: Ehen Reach: Egremont To Fwl (Bnfl Pipe Bridge) Estimated Distance: 10.70 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 1995 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2000 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2002 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2003 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2004 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2005 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2006 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2007 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2008 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2009 GQA Grade: River Quality Biology GQA Grade A - Very Good	A13SE (E)	173	2	301400 511000
53	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, North Area Incident Date: 20th May 2004 Incident Reference: 258433 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 100m Pollutant: Atmospheric Pollutants And Effects: Effects On Humans	A8NE (SE)	594	2	301500 510500
54	Water Abstractions Operator: Egremont & District Anglers Assoc Licence Number: 2774005008 Permit Version: Not Supplied Location: Black Beck, EGREMONT, Cumbria Authority: Environment Agency, North West Region Abstraction: Private Water Supply (Pisciculture) Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 16 Yearly Rate (m3): 2475 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	778	2	301800 510500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	Water Abstractions Operator: Nuclear Decommissioning Authority Licence Number: 2774005010 Permit Version: 101 Location: Florence Mine At Egremont, Cumbria Authority: Environment Agency, North West Region Abstraction: Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Sellafeld Works. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	868	2	301700 510300
55	Water Abstractions Operator: Nuclear Decommissioning Authority Licence Number: 2774005010 Permit Version: 101 Location: Florence Mine At Egremont, Cumbria Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Sellafeld Works. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	868	2	301700 510300
55	Water Abstractions Operator: Nuclear Decommissioning Authority Licence Number: 2774005010 Permit Version: 101 Location: Florence Mine At Egremont, Cumbria Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Sellafeld Works. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	868	2	301700 510300
55	Water Abstractions Operator: Nuclear Decommissioning Authority Licence Number: 2774005010 Permit Version: 101 Location: Florence Mine At Egremont, Cumbria Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Sellafeld Works. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	868	2	301700 510300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	Water Abstractions Operator: British Nuclear Fuels Plc Licence Number: 2774005010 Permit Version: 100 Location: Florence Mine At Egremont, Cumbria Authority: Environment Agency, North West Region Abstraction: Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 15911 Yearly Rate (m3): 4830125 Details: Land & Premises At Sellafield Works. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th November 1987 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	868	2	301700 510300
55	Water Abstractions Operator: British Nuclear Fuels Plc Licence Number: 2774005010 Permit Version: 100 Location: Florence Mine At Egremont, Cumbria Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Sellafield Works. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th November 1987 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	868	2	301700 510300
55	Water Abstractions Operator: British Nuclear Fuels Plc Licence Number: 2774005010 Permit Version: 100 Location: Florence Mine At Egremont, Cumbria Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Sellafield Works. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th November 1987 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	868	2	301700 510300
55	Water Abstractions Operator: British Nuclear Fuels Plc Licence Number: 2774005010 Permit Version: 100 Location: Florence Mine At Egremont, Cumbria Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Sellafield Works. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th November 1987 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	868	2	301700 510300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: United Utilities Water Ltd Licence Number: Nw/074/0005/003 Permit Version: 3 Location: Gulley Flatts - Egremont Borehole C Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 4th February 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	1564	2	300222 509780
	Water Abstractions Operator: United Utilities Water Ltd Licence Number: Nw/074/0005/003 Permit Version: 2 Location: Gulley Flatts - Egremont Borehole C Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 29th March 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	1564	2	300222 509780
	Water Abstractions Operator: United Utilities Water Ltd Licence Number: Nw/074/0005/003 Permit Version: 1 Location: Gulley Flatts - Egremont Borehole C Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 26th November 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	1564	2	300222 509780
	Water Abstractions Operator: United Utilities Water Ltd Licence Number: Nw/074/0005/003 Permit Version: 3 Location: Black Ling - Egremont Borehole D Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 4th February 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1SE (SW)	1849	2	299975 509615

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: United Utilities Water Ltd Licence Number: Nw/074/0005/003 Permit Version: 2 Location: Black Ling - Egremont Borehole D Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 29th March 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1SE (SW)	1849	2	299975 509615
	Water Abstractions Operator: United Utilities Water Ltd Licence Number: Nw/074/0005/003 Permit Version: 1 Location: Black Ling - Egremont Borehole D Authority: Environment Agency, North West Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 26th November 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1SE (SW)	1849	2	299975 509615
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13SW (N)	0	4	301175 511077
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	A13SW (N)	0	4	301175 511077
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (N)	0	4	301175 511077
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (N)	0	4	301175 511077
56	Source Protection Zones 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.	A13SW (SW)	148	2	301047 510936
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	10	2	301213 511096
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A13NE (E)	44	2	301269 511104

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13NE (E)	68	2	301266 511107
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	87	2	301263 511142
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	111	2	301288 511148
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SE (SE)	115	2	301295 510935
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	127	2	301301 510925
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SW (SW)	210	2	300951 510981
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (W)	225	2	300928 510990
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A13SW (SW)	229	2	300942 510959
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	241	2	300937 510943
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SW (SW)	245	2	300932 510943
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (E)	34	2	301265 511062
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	176	2	301325 510882
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	227	2	300939 510959
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1208.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ehen Catchment Name: Ehen-Calder Primacy: 1	A13NE (NE)	103	5	301278 511148

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.6 Watercourse Level: Underground Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A13SW (SW)	307	5	300878 510912
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A13SW (SW)	307	5	300878 510912
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.9 Watercourse Level: Underground Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A13SW (SW)	312	5	300873 510913
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 139.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A13SW (SW)	321	5	300860 510916
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 197.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A13SW (SW)	329	5	300914 510824
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A8NE (SE)	355	5	301352 510694
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 314.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ehen Catchment Name: Ehen-Calder Primacy: 1	A8NE (SE)	363	5	301363 510691
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 267.6 Watercourse Level: Underground Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A8NW (SW)	405	5	300987 510658
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A12SE (W)	422	5	300729 510961

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 368.2 Watercourse Level: Underground Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A12SE (W)	429	5	300720 510964
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A8NW (S)	599	5	301028 510432
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: Underground Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A8NW (S)	609	5	301043 510419
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 366.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ehen Catchment Name: Ehen-Calder Primacy: 1	A8SW (S)	610	5	301141 510402
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A8NW (S)	612	5	301044 510415
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A8NW (S)	612	5	301092 510406
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 131.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sunton Sike Catchment Name: Ehen-Calder Primacy: 1	A18SE (NE)	612	5	301484 511656
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 466.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ehen Catchment Name: Ehen-Calder Primacy: 1	A18SE (NE)	612	5	301484 511656
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ehen Catchment Name: Ehen-Calder Primacy: 1	A8SW (S)	633	5	301077 510387

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 292.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ehen Catchment Name: Ehen-Calder Primacy: 1	A8SW (S)	645	5	301053 510380
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 119.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A8SE (S)	653	5	301411 510397
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 250.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A9NW (SE)	705	5	301852 510696
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A12NW (W)	710	5	300423 511121
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.8 Watercourse Level: Underground Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A12NW (W)	712	5	300421 511129
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.4 Watercourse Level: Underground Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A9NW (SE)	716	5	301845 510663
82	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 14.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A9NW (SE)	719	5	301677 510466
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 260.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A9NW (SE)	720	5	301845 510655
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A12NW (W)	720	5	300414 511144

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A19SW (NE)	724	5	301566 511736
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sunton Sike Catchment Name: Ehen-Calder Primacy: 1	A19SW (NE)	725	5	301566 511737
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A9NW (SE)	734	5	301685 510453
88	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A9NW (SE)	736	5	301697 510460
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A19SW (NE)	737	5	301635 511696
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 207.1 Watercourse Level: Underground Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A12NW (W)	738	5	300401 511199
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: Underground Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A8SE (S)	741	5	301476 510328
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A9NW (SE)	743	5	301683 510440
93	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A9NW (SE)	743	5	301688 510444

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 28.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A9NW (SE)	744	5	301697 510450
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A8SE (S)	745	5	301484 510326
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A9NW (SE)	745	5	301680 510436
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 283.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A14SE (E)	750	5	301970 510908
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A14SE (E)	753	5	301967 510876
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: Underground Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A9SW (SE)	755	5	301611 510378
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A9SW (SE)	756	5	301591 510365
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.2 Watercourse Level: Underground Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A9SW (SE)	757	5	301578 510358
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A9SW (SE)	759	5	301541 510337

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 222.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sunton Sike Catchment Name: Ehen-Calder Primacy: 1	A19NW (NE)	781	5	301606 511776
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 429.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A9NE (SE)	799	5	301903 510601
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 549.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Beck Catchment Name: Ehen-Calder Primacy: 1	A14NE (E)	837	5	302060 511136
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A9NW (SE)	837	5	301794 510411
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 125.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A9SW (SE)	844	5	301655 510300
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 329.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ehen Catchment Name: Ehen-Calder Primacy: 1	A8SW (S)	848	5	301011 510181
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A8SW (S)	848	5	301011 510181
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 344.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A8SW (S)	857	5	301004 510173
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A9NE (SE)	869	5	302037 510707

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A9NE (SE)	869	5	302037 510707
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A9NE (SE)	871	5	302040 510709
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A12NW (W)	872	5	300300 511380
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A9NE (SE)	888	5	302055 510702
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 166.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A9NE (SE)	901	5	302070 510704
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 309.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A9NE (SE)	901	5	302070 510704
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 207.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A9NE (E)	907	5	302087 510733
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 919.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A7NW (SW)	920	5	300461 510444
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 442.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ehen Catchment Name: Ehen-Calder Primacy: 1	A18NE (N)	929	5	301311 512061

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A18NE (N)	929	5	301311 512061
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A7SE (SW)	934	5	300729 510196
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A7SE (SW)	939	5	300721 510195
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 211.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Skirting Beck Catchment Name: Ehen-Calder Primacy: 1	A17SW (W)	975	5	300204 511418
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A17SW (W)	975	5	300204 511418
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 135.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A19NW (NE)	999	5	301716 511965
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sunton Sike Catchment Name: Ehen-Calder Primacy: 1	A19NW (NE)	999	5	301716 511965
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A3NE (S)	1000	5	301358 510025
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ehen-Calder Primacy: 1	A3NE (S)	1000	5	301358 510025

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	Historical Landfill Sites Licence Holder: Alfred McAlpine Construction Limited Location: Egremont Bypass, St Thomass Cross, Egremont, Cumbria Name: Disused Railway Cuttings Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD07852 First Input Date: 1st October 1991 Last Input Date: 31st October 1991 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0900/0183 BGS Ref: Not Supplied Other Ref: 164	A9SW (SE)	798	2	301525 510287
	Local Authority Landfill Coverage Name: Copeland Borough Council - Has supplied landfill data		0	3	301175 511077
	Local Authority Landfill Coverage Name: Cumbria County Council - Had landfill data but passed it to the relevant environment agency		0	6	301175 511077
131	Registered Landfill Sites Licence Holder: Alfred Mc Alpine Construction Ltd Licence Reference: 164/M1 Site Location: St Thomas'S Cross, (Ggremont By-Pass), Egremont, Cumbria Licence Easting: 301500 Licence Northing: 510200 Operator Location: Hooton, Ellesmere Port, Cheshire, Ch66 7nd Authority: Environment Agency - North West Region, North Area Site Category: Landfill - Railway cutting Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st December 1991 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Inert Mat'L Ex Egremont Bypass Consist Soil,Sand,Clay,Stone Prohibited Waste: Animal Flesh Clinical - As In Coll/Disp.Reg's Of '88 Difficult Wastes As In Doe Wmp No.26 Foodstuffs Leachate Forming Mat'ls Incl. Liquid Wastes Metal Objects Paper/Cardboard Waste Plasterboard/Plaster Plastic Objects Sawdust Special Wastes Textiles Vegetable Matter Wood/Timber	A8SE (S)	868	2	301500 510200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Dinantian Rocks (Undifferentiated)	A13SW (N)	0	1	301175 511077
132	BGS Recorded Mineral Sites Site Name: Florence Mine Location: Egremont, Cumbria Source: British Geological Survey, National Geoscience Information Service Reference: 191022 Type: Underground Status: Ceased Operator: Egremont Mining Co., Ltd. Operator Location: Not Supplied Periodic Type: Not Available Geology: Replacement Mineral Flat In Carboniferous Limestone Commodity: Iron ore - Hematite Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	903	1	301756 510296
133	BGS Recorded Mineral Sites Site Name: Florence Mine Location: Egremont, Cumbria Source: British Geological Survey, National Geoscience Information Service Reference: 1125 Type: Underground Status: Ceased Operator: Egremont Mining Co., Ltd. Operator Location: Not Supplied Periodic Type: Triassic Geology: Replacement Mineral Flat In Carboniferous Limestone Commodity: Iron ore - Hematite Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	911	1	301834 510348
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Mining Instability Mining Evidence: Conclusive Iron Ore Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (N)	0	-	301175 511077
	Mining Instability Mining Evidence: Conclusive Metaliferous Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (N)	0	-	301175 511077
	Man-Made Mining Cavities Easting: 300800 Northing: 511000 Distance: 343 Quadrant Reference: A12 Quadrant Reference: SE Bearing Ref: W Cavity Type: Not supplied Commodity: Hematite Solid Geology Detail: No Details Superficial Geology No Details Detail:	A12SE (W)	343	8	300800 511000
	Man-Made Mining Cavities Easting: 300820 Northing: 511380 Distance: 396 Quadrant Reference: A12 Quadrant Reference: NE Bearing Ref: NW Cavity Type: Shaft Collapse During Stabilisation Works Commodity: Iron Solid Geology Detail: Frizington Limestone Formation Superficial Geology No Details Detail:	A12NE (NW)	396	8	300820 511380
	Man-Made Mining Cavities Easting: 301700 Northing: 511000 Distance: 471 Quadrant Reference: A14 Quadrant Reference: SW Bearing Ref: E Cavity Type: Not supplied Commodity: Copper Solid Geology Detail: No Details Superficial Geology No Details Detail:	A14SW (E)	471	8	301700 511000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man-Made Mining Cavities Easting: 301000 Northing: 512000 Distance: 864 Quadrant Reference: A18 Quadrant Reference: NW Bearing Ref: N Cavity Type: Not supplied Commodity: Hematite Solid Geology Detail: No Details Superficial Geology No Details Detail:	A18NW (N)	864	8	301000 512000
	Man-Made Mining Cavities Easting: 301000 Northing: 512000 Distance: 864 Quadrant Reference: A18 Quadrant Reference: NW Bearing Ref: N Cavity Type: Not supplied Commodity: Hematite Solid Geology Detail: No Details Superficial Geology No Details Detail:	A18NW (N)	864	8	301000 512000
	Man-Made Mining Cavities Easting: 301100 Northing: 512100 Distance: 953 Quadrant Reference: A23 Quadrant Reference: SW Bearing Ref: N Cavity Type: Not supplied Commodity: Hematite Solid Geology Detail: No Details Superficial Geology No Details Detail:	A23SW (N)	953	8	301100 512100
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	301175 511077
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	301175 511077
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	68	1	301251 511128
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	180	1	301409 511046
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	301175 511077
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	68	1	301251 511128
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	180	1	301409 511046
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	301164 511083
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	301175 511077
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	71	1	301299 511013
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	301175 511077

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	79	1	301231 511171
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	160	1	301391 511069
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	301175 511077
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	68	1	301251 511128
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	180	1	301409 511046
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	301164 511083
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	301175 511077
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	68	1	301251 511128
	Radon Potential - Radon Affected Areas Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	301175 511077
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	301175 511077

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	Contemporary Trade Directory Entries Name: East Road Service Station Location: East Road, Egremont, Cumbria, CA22 2EB Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	0	-	301153 511097
134	Contemporary Trade Directory Entries Name: Esso Location: East Road, Egremont, Cumbria, CA22 2EB Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	0	-	301153 511097
134	Contemporary Trade Directory Entries Name: East Road Garage - Ford Location: East Road, Egremont, Cumbria, CA22 2EB Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	0	-	301153 511097
134	Contemporary Trade Directory Entries Name: East Road Service Station Location: East Road, Egremont, Cumbria, CA22 2EB Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	0	-	301153 511097
134	Contemporary Trade Directory Entries Name: East Road Garage Location: East Road, Egremont, CA22 2EB Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	0	-	301154 511098
134	Contemporary Trade Directory Entries Name: Ford Rapid Fit Location: East Road, Egremont, Cumbria, CA22 2EB Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	0	-	301153 511097
134	Contemporary Trade Directory Entries Name: East Road Service Station Location: East Road, Egremont, Cumbria, CA22 2EB Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	0	-	301153 511097
135	Contemporary Trade Directory Entries Name: M L Lloyd Location: 4, East Road, Egremont, Cumbria, CA22 2ED Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	22	-	301159 511162
136	Contemporary Trade Directory Entries Name: J S Wilson Location: Main Street, Egremont, Cumbria, CA22 2DJ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	40	-	301125 511022
137	Contemporary Trade Directory Entries Name: Hi-Q Tyre Services Ltd Location: Unit 2, Chapel Street, Egremont, CA22 2DU Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	56	-	301158 510963
137	Contemporary Trade Directory Entries Name: Nevinsons Ltd Location: Unit 1, Chapel Street, Egremont, CA22 2DU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	86	-	301171 510926
137	Contemporary Trade Directory Entries Name: Harrwil Engineering Ltd Location: Unit 1, Chapel Street, Egremont, Cumbria, CA22 2DU Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	87	-	301171 510925

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
137	Contemporary Trade Directory Entries Name: Harrwil Engineering Location: Unit 1, Chapel Street, Egremont, Cumbria, CA22 2DU Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	87	-	301171 510925
137	Contemporary Trade Directory Entries Name: Harrwil Engineering Cumbria Ltd Location: Unit 1, Chapel Street, Egremont, Cumbria, CA22 2DU Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	87	-	301171 510925
137	Contemporary Trade Directory Entries Name: Cumbria Joinery Location: 3, Chapel Street, Egremont, Cumbria, CA22 2DU Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	120	-	301129 510905
138	Contemporary Trade Directory Entries Name: F Pickering Location: 91, Main Street, Egremont, Cumbria, CA22 2DJ Classification: Painting & Decorating Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	106	-	301052 511017
138	Contemporary Trade Directory Entries Name: Uk Screening Solutions Location: 89, Main Street, EGREMONT, Cumbria, CA22 2DJ Classification: Medical & Dental Laboratories Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	106	-	301058 511004
139	Contemporary Trade Directory Entries Name: Furness & South Cumberland Supply Association Ltd Location: Chapel Street, Egremont, Cumbria, CA22 2DU Classification: Agricultural Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	218	-	301259 510805
140	Contemporary Trade Directory Entries Name: Jubilee Garage Egremont Ltd Location: Egremont, CA22 2PR Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	225	-	300940 511250
141	Contemporary Trade Directory Entries Name: D Macallister Location: 31, Main Street, Egremont, Cumbria, CA22 2DR Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	233	-	301097 510796
141	Contemporary Trade Directory Entries Name: Mcallisters Services Location: 31, Main Street, Egremont, CA22 2DR Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	233	-	301097 510796
142	Contemporary Trade Directory Entries Name: Prime Scaffolding Cumbria Ltd Location: 58, Main Street, Egremont, Cumbria, CA22 2DB Classification: Scaffolding & Work Platforms Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	299	-	301044 510748
143	Contemporary Trade Directory Entries Name: W N Holmes & Son Fire Arms Dealers Location: 45, Main Street, Egremont, Cumbria, CA22 2AB Classification: Gunsmiths Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	373	-	301032 510671
144	Contemporary Trade Directory Entries Name: Hartleys Ice Cream Location: 24, Church Street, Egremont, Cumbria, CA22 2AW Classification: Ice Cream Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	479	-	301207 510532

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
145	Contemporary Trade Directory Entries Name: Demounters Location: 48-49, South Street, EGREMONT, Cumbria, CA22 2AY Classification: Hardware Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	489	-	301039 510544
146	Contemporary Trade Directory Entries Name: Henry Graham Bridge End Garage Location: Bridge End, Egremont, Cumbria, CA22 2RQ Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	759	-	301305 510261
146	Contemporary Trade Directory Entries Name: Jewson Location: Bridge End, Egremont, Cumbria, CA22 2RQ Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	759	-	301305 510261
146	Contemporary Trade Directory Entries Name: B P Service Station Location: Bridge End, Egremont, Cumbria, CA22 2RQ Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	760	-	301303 510259
146	Contemporary Trade Directory Entries Name: Lloyds British Testing Plc Location: Unit 7b, Bridge End Industrial Estate, Egremont, Cumbria, CA22 2RD Classification: Lifting Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	802	-	301334 510222
147	Contemporary Trade Directory Entries Name: Liquid Effects Location: Unit 2e, Bridge End Industrial Estate, Egremont, Cumbria, CA22 2RD Classification: Painting & Decorating Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	834	-	301229 510178
147	Contemporary Trade Directory Entries Name: Delkia Location: Unit 2g, Bridge End Industrial Estate, Egremont, CA22 2RD Classification: Electrical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	842	-	301216 510168
147	Contemporary Trade Directory Entries Name: Premier Valeting Location: Unit 2g, Bridge End Industrial Estate, Egremont, Cumbria, CA22 2RD Classification: Commercial Vehicle & Car Cleaning Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	842	-	301216 510169
147	Contemporary Trade Directory Entries Name: Great Gable Brewing Location: Unit 2g, Bridge End Industrial Estate, Egremont, Cumbria, CA22 2RD Classification: Brewers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	842	-	301216 510169
148	Contemporary Trade Directory Entries Name: A-Plant Flg Services Egremont Location: Unit 8 Bridge End Industrial Estate, Egremont, Cumbria, CA22 2RD Classification: Lifting Equipment Status: Active Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	844	-	301277 510171
148	Contemporary Trade Directory Entries Name: Mill Garage Location: Bridge End Industrial Estate, Egremont, Cumbria, CA22 2RD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A8SE (S)	872	-	301317 510148
149	Contemporary Trade Directory Entries Name: Winding Co Location: Florence Mine, Egremont, Cumbria, CA22 2NR Classification: Electric Motor Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	905	-	301755 510292

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	Contemporary Trade Directory Entries Name: Egremont Mining Company Ltd Location: Florence Mine, Egremont, Cumbria, CA22 2NR Classification: Metals - Mining Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	905	-	301755 510292
150	Contemporary Trade Directory Entries Name: J F Nuclear Location: Unit 14, Bridge End Industrial Estate, Egremont, CA22 2RD Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	938	-	301313 510081
151	Fuel Station Entries Name: East Road Garage Location: East Road , , Egremont, Cumbria, CA22 2EB Brand: Esso Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	0	-	301153 511097
152	Fuel Station Entries Name: Jubilee Garage Location: North Road , , Egremont, Cumbria, CA22 2PR Brand: Jet Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A13NW (NW)	240	-	300937 511276
153	Fuel Station Entries Name: Bridge End Garage Location: Bridge End , , Egremont, Cumbria, CA22 2RQ Brand: BP Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A8SE (S)	760	-	301304 510259