

FWS Geotechnical & Environmental Consultants

PRELIMINARY CONTAMINATION AND MINING RISK ASSESSMENT ON LAND AT BEBSIDE OLD CHURCH, BEBSIDE

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PROJECT NUMBER	4295	
PROJECT TITLE	Land at Bebside Old Church, Bebside	
CLIENT	Andrew Evans 26 Tweed Avenue Ellington Northumberland NE61 5ES	
REPORT TITLE	Preliminary Contamination and Mining Risk Assessment on Land at Bebside Old Church, Bebside	
REPORT REFERENCE	4295OR01	
REVISION	Date	Checked
Rev00	21/09/2023	ML

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PRELIMINARY CONTAMINATION AND MINING RISK ASSESSMENT ON LAND AT BEBSIDE OLD CHURCH, BEBSIDE

1 INTRODUCTION

FWS Consultants Ltd (FWS) carried out a Preliminary Contamination and Mining Risk Assessment on land at Bebside Old Church, Front Street Bebside (the 'site') for Mr Andrew Evans (the 'Client') to provide information for a new unit for car repairs. The site location is shown on Drawing 4295OD01, Appendix 1.

This Preliminary Contamination Risk Assessment has been undertaken in accordance with the principles of current guidance including BS10175:2011+A2:2017 "Code of Practice for the Investigation of Potentially Contaminated Sites" (Ref. 1) and BS 5930:2015+A1:2020 "Code of Practice for Ground Investigations" (Ref. 2). This risk assessment forms the Preliminary Risk Assessment in accordance with Environment Agency guidance document Land Contamination: Risk Management Guidance 2021 (Ref. 3), the NHBC "Guidance of Land Quality" (2021) (Ref. 4) and DEFRA "Environmental Protection Act 1990: Part 2A, Contaminated Land Statutory Guidance" (2012) (Ref. 5).

The objectives of this desk study for the proposed commercial development were to:-

- assess the historical land use, geological and hydrogeological setting;
- assess the likelihood and impact of subsurface mining;
- assess the potential for contamination and ground gas;
- provide a qualitative contamination risk assessment and preliminary comment on mitigation measures;
- provide preliminary comment on ground conditions in relation to foundation design; and,
- provide recommendations on further investigations.

The following sources of information were utilised in the preparation of this report:-

- Historical Ordnance Survey Maps (Appendix 2)
- British Geological Survey, Sheet NZ28SE, 1:10,000 1963 and 1990 Solid and Drift Editions (Ref. 6)
- Envirocheck Report (Appendix 3)
- Coal Authority Mining Report, dated 1 September 2023 (Appendix 4)
- Site Walkover Inspection undertaken on 5 September 2023 (Photographs included in Appendix 5)
- BRE 211 Radon; Guidance on Protection Measures for New Dwellings (Ref. 7).
- Radon risk viewer at <https://www.ukradon.org/radonmaps>(Ref. 8)
- Zetica viewer of UXO risk at <https://zeticauxo.com/downloads-and-resources/risk-maps/> (Ref. 9)

2 SITE LOCATION AND DESCRIPTION

The 0.12 ha site at National Grid Reference 427910E, 581340N is located in the village of Bebside, situated 2 km from Bedlington as shown in Drawing 4295OD01, Appendix 1.1. A plan showing the

current site features and locations of selected photographs is presented as Drawing 4295D02, Appendix 1.

The site is generally flat with an elevation of approximately 30 m AOD in the south and 29 m AOD in the north.

The north of the site comprises an asphalt car park used for the garage, located in the southeastern corner of the site within a former chapel building, and the remainder of the site in the southwest is used as a fenced area containing several storage containers.

The northern site boundary is open to the A193 with an entrance into the car park. The eastern site boundary is open with a grassed landscaped area in the northeast and a 1.5 to 2 m high stone or concrete wall to the southwest. A storage container with a gated entrance is present down the eastern side of the old chapel building on the southeastern site boundary. A household waste recovery centre is located immediately south of the site. The western and southern site boundaries are a 2.5 m high timber fence with mixed woodland beyond to the west. A steep slope or embankment, dense with vegetation lies between the site and the waste recovery centre to the south.

An overhead service cable links the roof of the garage/former chapel building with a telegraph pole across the road to the north (offsite). A 1.5 m high wooden fence separates the asphalt car park and the storage area with a 2.5 m wide padlocked access gate. Underground service inspection covers are present by this gate, and another alongside the existing garage building and the storage area boundary. The storage area has a rough asphalt / gravel surfacing with areas of moss and overgrown vegetation. It contains five storage containers, a car that has been partially stripped for parts, a food stand trailer, wooden pallets, polystyrene boards, and a pallet on which stand several stacked barrels of 'flammable paint related material'.

Surrounding the western and southern boundaries were mature trees ranging from 5 to 15 m high, consisting of hawthorn, silver birch and pine trees, some of which may be in poor condition. The raised bank behind the southern boundary was covered with dense vegetation consisting of brambles, nettles, and ivy.

There was no evidence of invasive species on site.

3 HISTORICAL DEVELOPMENT OF THE SITE

Table 1: Summary of Historical Development

Date	Onsite	Offsite
1865	Agricultural field	Agricultural fields to the north, west, and south. Residential housing 100 m to the east. Road 10 m to the north Colliery 200 m to the east with associated railway lines 120 m to the southeast (closest)
1897	Methodist chapel constructed in the southeast. Embankment to the south encroaches on the southern site boundary.	Railway expanded westwards to 60 m south of the site boundary, over an embankment. Stockpile/part of the railway embankment constructed on the southern boundary and immediately to the south of the site. Residential housing constructed to north of site boundary, existing road widened.

Date	Onsite	Offsite
1922	Residential housing and gardens constructed in the west of the site.	'Tanks' located 100 m to the southwest on the embankment.
1937-1950	No significant changes.	Railway to south and east dismantled. Tanks to southwest no longer mapped (removed?). 'Aerial cable' constructed 160 m to the south linking embankment sections.
1959-1967	Residential housing in west of site demolished.	Road embankment constructed adjacent to eastern boundary of site. 'Mineral railway' constructed 100 m to south. 'Works' constructed 80 m to west. Embankment 100 m to south indicated to be a refuse heap
1970-1977	Chapel now mapped as 'works'	Colliery 200 m to the east replaced with depot, factory, electricity substation and works in old colliery buildings. Road embankment adjacent to east removed/no longer mapped Embankment to south removed/no longer mapped Opencast workings 200 m to southeast of site
1993	No significant changes.	Opencast site no longer mapped Refuse tip present 210 m southeast of site
2000	No significant changes.	Refuse tip 210 m to southeast listed as 'disused'.
2023	No significant changes	Residential housing constructed 200 m east in area of former depot and works.

4 ENVIRONMENTAL SETTING

4.1 Geology

4.1.1 Made Ground and Superficial Geology

Thin made ground is anticipated across the site associated with the asphalt car park and previous residential development, with an anticipated thickness of <5 m. However, due to the proximity of former embankments/spoil heaps, thicker made ground may be present. The geological map (NZ28SE) indicates that the site may lie on the northern edge of an area of 'partially restored colliery waste'.

The site is expected to be underlain by Glacial Till to a depth of up to 10 m.

4.1.2 Solid Geology

The site is underlain by Pennine Middle Coal Measures that dip to the east and southeast at an angle of less than 5°.

4.2 Mining and Quarrying

The table below provides a summary of the Coal Authority Mining Report (Appendix 4) and the principal coal mining legacy issues.

Table 2: Summary of Mining Legacy Issues

COAL MINING ISSUE	YES	NO	SUMMARY RECORDS
Underground coal mining (recorded at shallow depth)			The site is within the likely zone of influence of workings in one seam of coal at a depth of 58 m, and last worked in 1940.
Underground coal mining (probable at shallow depth)			The site may be within the zone of influence from ancient (unrecorded) workings.
Mine entries (shaft or adits)			There are no reported mine entries on or within 20 m of the site.
Coal mining geology (fissures)			There are no geological structures within 20 m of the site.
Record of past mine gas emissions or potential			There is no record of a mine gas emission requiring action by the Coal Authority within the boundary of the site.
Recorded coal mining surface hazard			The Coal Authority has no records of coal mining surface hazards relating to the site or immediate surrounding area.
Surface mining (opencast workings)			The site is not located within the boundary of a historical opencast site, and does not lie within 200 m of a current opencast site, nor within 800 m of a known future opencast site. However, it is around 300 m from a former unlicensed opencast site to the south.
Other potential shallow worked minerals			None reported.

4.3 Hydrology and Flooding

The nearest surface water body is an unnamed drain located 80 m southeast of the site.

There are no recorded surface water abstractions within 1 km of the site.

There are no discharge consents within 250 m of the site boundaries. The closest is located 620 m to the southeast of the site and was held by UK Coal Plc relating to Surface Coal Extraction. It is unclear whether this consent is still active.

There has been one pollution incident to controlled waters 400 m to the east of the site, classified as a Category 3 Minor Incident for oils/other fuel oil. The pollution incident was not associated with the site.

The site does not fall into an area of extreme flooding from rivers or sea without defences or flooding from rivers or sea without defences.

4.4 Hydrogeology

It is anticipated that shallow perched groundwater will be present within the made ground and within granular lenses in the cohesive superficial deposits. The main water table is expected at depth within the underlying bedrock.

The Environment Agency classify the Glacial Till as Secondary Aquifer - Undifferentiated.

The Environment Agency classify the Pennine Middle Coal Measures as Secondary Aquifer – A.

There are no groundwater abstractions or Source Protection Zones located within 1 km of the site.

4.5 Licenced Authorisations, Health & Safety Executive/Planning Department Information and Fuel Stations

There are three Local Authority Pollution Prevention and Controls within 500 m that could impact the development site, the closest is 200 m to the east relating to Lafarge Tarmac (bulk cement). The other two LAPPCs within 500 m relate to petrol filling stations.

The site is located within a mixed commercial/light industrial and residential area. The two closest active Trade Directory Entries are located onsite (Paint 'N' Place) for car body repairs and 150 m west of the site for a petrol filling station.

4.6 Landfill Sites

The Envirocheck Report indicates no recorded landfill sites within 500 m of the site. The Envirocheck Report lists a licensed waste management facility located 10 m to the northeast of the site, but this relates to the entrance of the waste recovery site present off the southern boundary of the site (operated by Suez).

There have been three other licensed waste management facility records within 500 m of the site (all now surrendered), at 90 m southwest, 140 m southwest and 270 m east, relating to household waste amenity sites and a transfer station. The entries to the southwest were surrendered in 2003, and the transfer station to the east was surrendered in 1994.

The Historical Plans indicate a former refuse tip (disused by 2000) approximately 210 m to the east of the site. It is expected to contain made ground infill/domestic waste.

4.7 Radon

Current guidance (Ref. 7 & 8) on protective measures for new buildings indicates that the site may fall within an area for which basic or full radon protection measures should be provided. The property is in a moderate probability radon area, as maximum radon potential is 1 to 3%. It is recommended that an individual radon address search be undertaken to confirm the radon risk to the development.

4.8 Ecological Receptors and Sensitive Landuse

There are no ecological receptors or sensitive land uses within 250 m of the site.

4.9 Unexploded Ordnance

The Zetica website records the site is in an area at low risk from unexploded ordnance.

5 PREVIOUS INVESTIGATIONS

No records of previous ground investigation are available for this site.

6 ENVIRONMENTAL ASSESSMENT AND CONCEPTUAL SITE MODEL

6.1 Conceptual Site Model

The approach to contamination risk assessment is detailed in Appendix 6. Presented below is a Preliminary Conceptual Site Model (CSM) for the proposed development, as shown on Drawing C1176-03 Rev A, Appendix 1, that has been prepared in accordance with current guidance (Ref. 3). A schematic CSM of the site is presented in Drawing 4295OD03, Appendix 1.

Development

The site is to be developed with a new car repair building in the southwest, and additional parking spaces in the northwest. The remainder of the site is to be unchanged.

Previous Land Use and Potential Contamination

The site was agricultural land, with a chapel constructed in the southeast by 1897. By this time, an embankment or spoil heap to the south had encroached onto the site boundary. By 1922 residential housing had been constructed on the western part of the site, which was demolished by the 1960s. The chapel became a 'works' in the 1970s and there have been no significant changes since this time. The site is currently a car bodyshop.

Potential contaminants identified by this desk study are summarised in the table below and are illustrated in the schematic conceptual site model Drawing 4295OD03, Appendix 1:-

Table 3: Potential Contamination Sources

Source of Potential Hazard/Pollutant		Potential Contaminants	
Onsite	H1	Made ground and site activities (car body shop)	Hydrocarbons, soil gas, heavy metals, PAHs, ash, asbestos, fuels, solvents. Possibly: combustible materials (if encroaching embankment/spoil heap to south was colliery waste) hydrocarbons, heavy metals and migration of mine gas
	H2	Potential former mineworkings	Mine gas – elevated methane and carbon dioxide
Offsite	H3	Embankment/spoil heap to south	Hydrocarbons, soil gas, metals, PAHs, ash, asbestos, combustible materials
	H4	Former opencast site 200 m south	Landfill gas – elevated methane and carbon dioxide
	H5	Former refuse tip 210 m southeast	Landfill gas – elevated methane and carbon dioxide

Ground and Groundwater Conditions

Made ground is anticipated relating to the existing hardstanding and former residential housing developed on the site. However, the 1990 geological map indicates that the site is within an area of 'partially restored colliery waste' and, therefore, made ground may be thicker, particularly in the south of the site where the former embankment/spoil heap encroached on the southern site boundary.

The superficial deposits are anticipated to comprise Glacial Till to a depth of up to 10 m. Bedrock is expected to comprise Pennine Middle Coal Measures strata (sandstone, siltstone, mudstone and coal).

It is anticipated that shallow perched groundwater may be locally present within the made ground and within granular lenses in the cohesive superficial deposits. The main water table is expected at depth within the underlying bedrock.

Environmental Considerations

The superficial deposits below the site are classed as Secondary Undifferentiated Aquifer and the underlying Pennine Middle Coal Measures are classified as a Secondary A Aquifer.

The nearest surface water body is an unnamed drain 80 m southeast of the site.

There are no Groundwater Source Protection Zones within 1 km of the site.

6.2 Receptor Characterisation

The following potential receptors are anticipated for the proposed development, as illustrated in the schematic CSM Drawing 4295OD03, Appendix 1:-

Table 4: Receptor Characterisation

Part 2A Classification	Group		Receptor
Part 2A Receptors	R1	Human Health	Future site end users
	R2	Property	Proposed development comprising a new car repair building and car parking areas (gravel surfacing or hardstand, with no landscaped areas Services
	R3	Controlled Waters	Drain 80 m southeast
	R4		Superficial deposits classified as Secondary Undifferentiated Aquifer Middle Coal Measures Formation is classified as a ‘Secondary A Aquifer’ Groundwaters in the Secondary A Aquifer are likely to be of poor quality due to extensive mining in the area.
Non Part 2A Receptors	R5	Construction workers	
	R6	Plants and landscaped areas (no landscaped areas proposed onsite)	

6.3 Pathway Characterisation

This desk study has identified the following potential pathways, which are illustrated in the schematic CSM Drawing 4295OD03, Appendix 1:-

Table 5: Pathway Characterisation

Pathway	Receptor
P1 Inhalation, ingestion and dermal contact	Human Health
P2 No landscaped areas, therefore, no pathway by direct contact	Plants
P3 Soil gas or soil vapours pooling within the structures	Buildings, Property and Services
Contact with aggressive or acidic soils or hydrocarbon contaminated soils	
P4 Leaching of contaminants from the soil migrating vertically or laterally to groundwater	Controlled Waters
Movement of contaminants via groundwater to surface water bodies	

7 PRELIMINARY CONTAMINATION RISK ASSESSMENT

Based on the CSM presented above and illustrated in Drawing 4295OR03, Appendix 1, the following potential contaminant linkages and unacceptable risks have been identified:-

Potential risk to human health (construction workers) from contamination within the made ground;
 Potential risk to property and services from aggressive or acidic soils, or hydrocarbon contaminated soils, from the made ground; and
 Potential risks to property and human health in confined spaces from landfill gas migration from offsite sources, and from mine gas from potentially worked coal seams beneath the site.

Therefore, further action is recommended as detailed in Section 10.

8 IDENTIFICATION AND ASSESSMENT OF SITE SPECIFIC COAL MINING RISK

8.1 Assessment of Mineral Instability

The coal mining risk assessment has been undertaken in accordance with the principles of current guidance including the Coal Authority’s guidance document “Risk Based Approach to Development Management - Resources for Developers Version 4” (2017) (Ref. 10) and CIRIA “C758 Abandoned Mine Workings Manual” (2019) (Ref. 11).

The principal factors influencing mineral instability for this site are summarised below.

8.1.1 Underground Coal Workings

Surface settlement above areas of total coal extraction (goaf) is typically rapid and can generally be assumed to be complete after a certain period. Settlement above pillar and stall workings, or old roadways, can be sudden and abrupt; and can occur long after abandonment, sometimes creating surface features known as crown-holes. It is generally considered that a cover of competent rock strata equivalent to ten times the height of the working provides adequate protection against crown-hole development (Ref. 11). Less rock cover can be adequate in certain circumstances (e.g. if the rock cover is particularly strong). Drift deposits give less protection than competent rock, and depending on the nature of the drift material (e.g. whether stiff boulder clay or running sand) considerably more cover may be needed to minimise the risk of surface ground movement. Where mining is identified within seams of less than 1 m thickness, it has been assumed that the minimum working height will be 1 m, otherwise the working height is assumed to be the seam thickness unless otherwise identified.

Table 6: Mineral Instability Risk Assessment

Seam Name	Seam Description	Workings	Assessment of Risk
Moorland	This seam is shown to outcrop approximately 590 m to the northwest of the site. From the nearby colliery shaft to the east (Horton Grange A), it is recorded at an elevation of 14 m AOD (15.5 m bgl) and is 0.75 m thick.	Not recorded to have been worked beneath or in the vicinity of the site in the Coal Authority report, however, given its reported thickness unrecorded shallow workings may be present in this seam.	From the seam separation between the Moorland and the High Main seams, the depth of the Moorland seam beneath the site may be around 18 m bgl. From the nearby colliery shaft, records indicate it may lie at a shallower depth of around 15.5 m bgl. Depth to bedrock is uncertain due to the potential presence of ‘partially restored colliery waste’ recorded in the 1990 geological map. The Horton Grange A shaft recorded only two metres of superficial deposits, and the former opencast site 200 m to the south also indicates that shallow superficial deposits are typical of the area.

Seam Name	Seam Description	Workings	Assessment of Risk
			Nearby BGS boreholes to the south indicate that glacial till may be present to depths of at least 8.8 m bgl (with 4.1 m of made ground above). The cover of competent rock strata may, therefore, be 7.5 m, which is equivalent to ten times the height of the seam. However, as detailed above, a minimum working height of 1 m is assumed and, as such, there would be less than ten times the height of the workings. As such, unrecorded workings in this seam may present a moderate risk of mineral instability to the proposed development.
High Main Marine Band Seam	A thin coal seam is often associated with the High Main Marine Band. The Horton Grange A shaft indicates a seam thickness of approximately 0.5 m at an elevation of -69 m AOD. Seam separation from the Moorland coal above is typically 35 m, indicating a depth of approximately 55.5 m bgl beneath the site.	Unrecorded shallow workings may be present in this seam.	Assuming a worked thickness of 1 m, this seam has a separation of 35 m from the Moorland seam, which is greater than ten times the thickness of the potential workings. As such, unrecorded workings in this seam will not present a risk to the proposed development.
High Main	This seam does not outcrop within 1 km of the site and is reported by the Coal Authority (Appendix 4) to lie at 58 m bgl (-28.5 m AOD) beneath the site. At Horton Grange A shaft to the east, this seam was found to be 1.9 m thick. Seam separation from the Moorland coal above is typically 39 to 40 m and 3 to 5 m from the High Main Marine Band.	The Coal Authority records indicate that this seam was extracted to a thickness of 1.1 m and last mined in 1940.	This seam has a separation of 39 to 40 m from the Moorland seam, which is greater than ten times the thickness of the recorded workings. If the High Main Marine Band Seam above is worked, recorded workings in the High Main would require 18 m of cover above the High Main Marine Band (1.1 m extraction of the High Main required 11 m of cover, minimum 3 m separation between the two seams would provide 3 m of competent cover for the High Main seam, and the remaining 8 m of required cover would be added to the 10 m required cover above the High Main Marine Band Seam). As such, with 35 m seam separation between the High Main Marine Band Seam and the Moorland seam, even if the High Main Marine Band Seam is worked, recorded workings in the High Main seam will not present a risk to the proposed development.

8.1.2 Opencast Workings

The site is not within a former opencast site, although a former opencast site is present 200 m to the south. This opencast site does not pose a risk of mineral instability to the proposed development.

8.2 Assessment of Mine Gas Risk

Based on the Coal Authority report (Appendix 4) and the potential presence of unrecorded shallow mine workings, there is a medium risk of mine gas emission within the site boundary.

9 PRELIMINARY COMMENTS ON ENGINEERING DESIGN

9.1 Foundation Design

The site is expected to be underlain by made ground and then Glacial Till and, therefore, normal shallow strip foundations may be suitable for lightly loaded structures where made ground is thin. Where thin made ground is present, foundations should be taken below this material into the underlying firm to stiff cohesive Till.

However, if deep made ground (>2.5m) is present associated with the former collieries and embankment to the south, normal shallow strip foundations will not be appropriate and alternative foundation solutions such as deep trench, ground improvement, reinforced rafts or piled foundations will need to be considered.

Consideration should be given to the areas of existing trees along the southern and western boundaries. Close proximity of buildings to any areas of retained trees would require individually designed foundation depths in accordance with NHBC guidance (Ref. 4).

The site is in an area that could be potentially affected by shallow mine workings.

10 RECOMMENDATIONS FOR GROUND INVESTIGATION

The following investigations are proposed to address the potentially significant risks identified in this report and also provide geotechnical information for design purposes.

- Investigate the ground and groundwater conditions to prove the thickness and type of the general made ground and superficial deposits across the site.
- Carry out chemical testing of the made ground materials and superficial deposits.
- Carry out gas monitoring of the made ground and to assess the risk from potential shallow mine workings / nearby opencast and to evaluate the risk of landfill gas migration onto the site.
- Prove the depth to competent founding strata.
- Prove the depth to the Moorland Coal Seam and identify whether the seam has been worked beneath the site.

J PATERSON
SENIOR GEOENVIRONMENTAL SCIENTIST

M LAKEY
DIRECTOR

11 REFERENCES

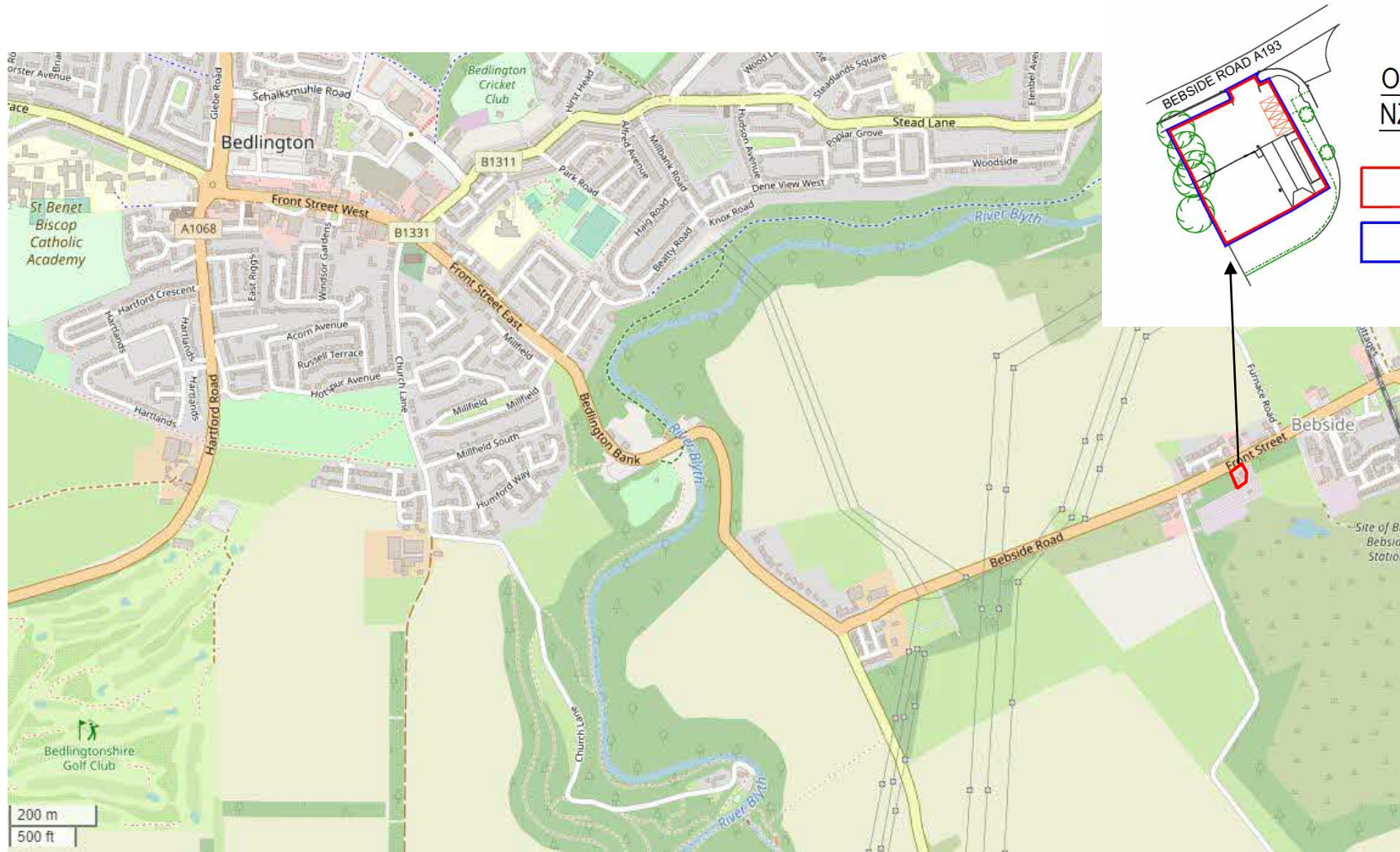
- 1 British Standards Institution, January 2001. BS 10175:2011+A2:2017, Investigation of Potentially Contaminated Sites – Code of Practice.
- 2 British Standards Institution, July 2015. BS 5930:2015+A1:2020, Code of Practice for Ground Investigations.
- 3 Environment Agency, 2021. Land Contamination: Risk Management.
- 4 NHBC, 2021. NHBC Standards.
- 5 DEFRA, 2012. Environmental Protection Act 1990: Part 2A Contaminated Land Statutory Guidance
- 6 British Geological Survey, 1963 and 1990 Sheet NZ28SE, 1:10560 scale. Solid and Drift Edition
- 7 IHS BRE Press, 2015. BRE 211: Radon: Guidance on Protective Measures for New Buildings.
- 8 Radon risk viewer at <https://www.ukradon.org/information/ukmaps>
- 9 Unexploded Ordnance Risk at <https://zeticauxo.com/downloads-and-resources/risk-maps/>
- 10 Coal Authority, 2012. Risk Based Approach to Development Management Resources for Developers
- 11 CIRIA, 2019. C758D Abandoned Mine Workings Manual.

APPENDIX 1

DRAWINGS

APPENDIX 1.1

FWS DRAWINGS



O.S GRID
NZ 279 813

Site Extent
 Land Owned

© OpenStreetMap contributors

NOTES / KEY
SITE LOCATION

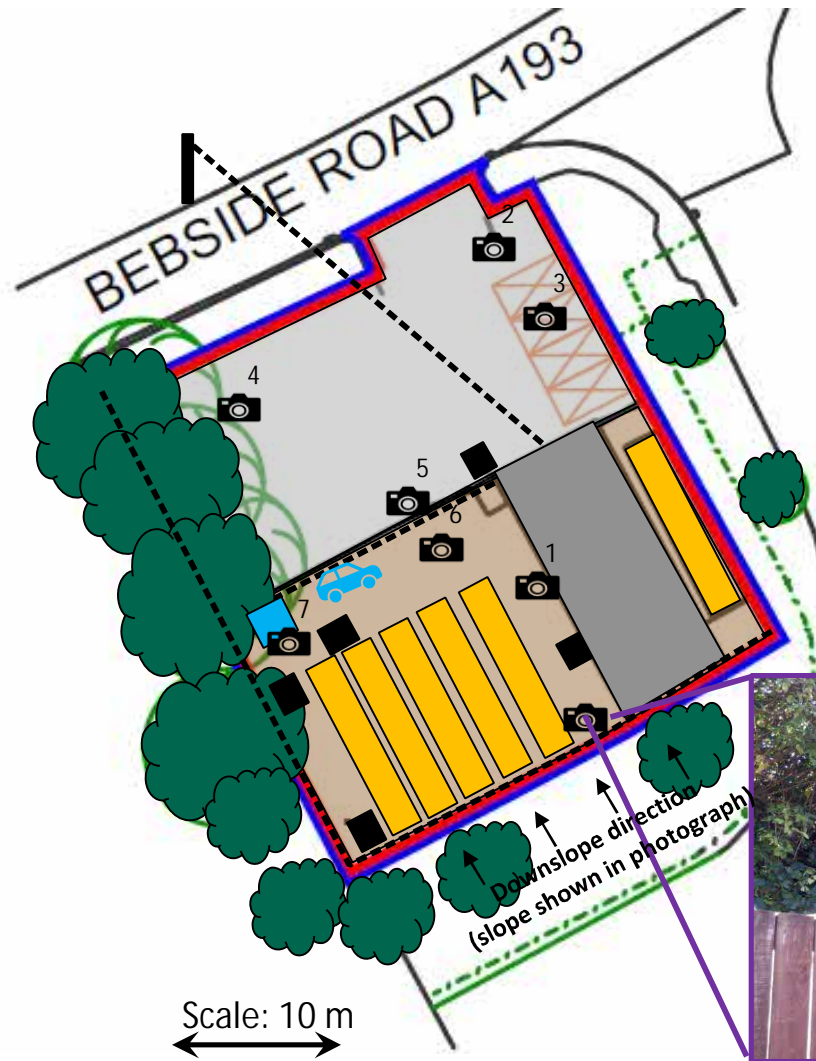
DRAWING TITLE
SITE LOCATION PLAN
PROJECT TITLE
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FINAL	4295
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AS SHOWN	4295OD01

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NOTES / KEY			
Site Boundary		Existing building	
Photographs		Wooden fence	
Asphalt hardstanding		Service inspection cover	
Gravel hardstanding		Trees	
Shipping containers		Paint/fuel/solvent containers	
		Overhead cable	
		Scrap car	
		Food trailer storage	
		General waste	

DRAWING TITLE
SITE FEATURES
PROJECT TITLE
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STATUS	PROJECT NUMBER
FINAL	4295
DRAWN BY	DATE
JR	September 2023
SCALE	DRG. No.
AS SHOWN	4295OD02

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NORTHERN BOUNDARY

R1 and R5

R2
Proposed
Development




SOUTHERN
BOUNDARY

R6

H4 & H5
(offsite)

Hazard / Pollutant		Pathway		Receptor		Severity of Consequence	Probability of Occurrence	Level of Risk
H1	Made ground	P1	Inhalation, ingestion and dermal contact	R1 R5	Future End Users Construction Workers	Medium Medium	Low Likelihood Likely	Low Moderate
		P3	Contact with aggressive or acidic soils or hydrocarbon contaminated soils	R2	Property and services	Medium	Likely	Moderate
		P4	Leaching of contaminants vertically or laterally to groundwater Movement of contaminants via groundwater to surface water bodies	R4 R3	Perched Groundwaters Secondary A Aquifer Drain 80 m southeast	Mild Medium Mild	Likely Low Likelihood Low Likelihood	Low Low Very Low
H2	Mine gas from potentially worked coal seams beneath site	P3	Soil gas or soil vapours pooling within the structures	R2	Property (Human Health in confined spaces)	Severe	Low Likelihood	Moderate
H3	Embankment/Spoil Heap to south	P3	Soil gas or soil vapours pooling within the structures	R2	Property (Human Health in confined spaces)	Severe	Low Likelihood	Moderate
H4	Former opencast site	P3	Soil gas or soil vapours pooling within the structures	R2	Property (Human Health in confined spaces)	Severe	Low Likelihood	Moderate
H5	Former refuse tip	P3	Soil gas or soil vapours pooling within the structures	R2	Property (Human Health in confined spaces)	Severe	Low Likelihood	Moderate

NOTES / KEY

-  MADE GROUND
-  SUPERFICIAL DEPOSITS (GLACIAL TILL)
-  BEDROCK STRATA (MIDDLE COAL MEASURES)

DRAWING TITLE

CONCEPTUAL SITE MODEL AND PRELIMINARY RISK ASSESSMENT

PROJECT TITLE

PRELIMINARY CONTAMINATION RISK ASSESSMENT AND COAL MINING RISK ASSESSMENT, BEBSITE

CLIENT

MR ANDREW EVANS

STATUS

FINAL

DRAWN BY

JP

SCALE

NOT TO SCALE

PROJECT NUMBER

4295

DATE

September 2023

DRG. No.

4295OD03

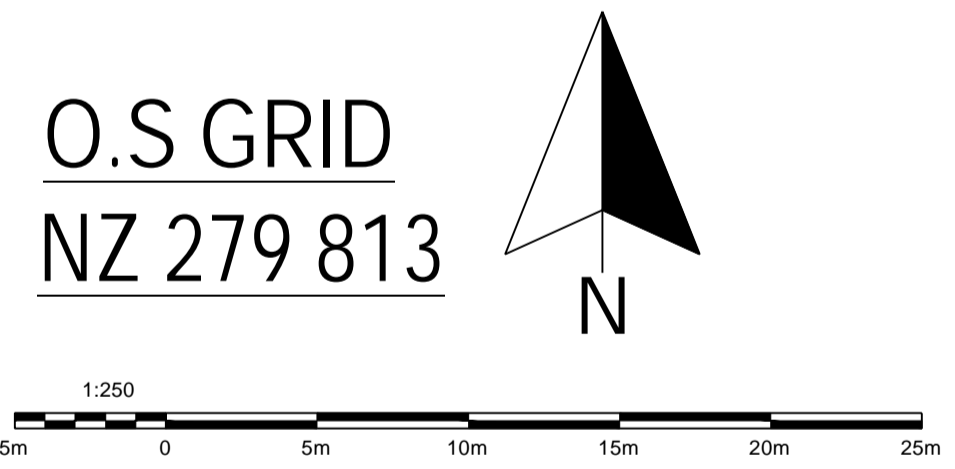
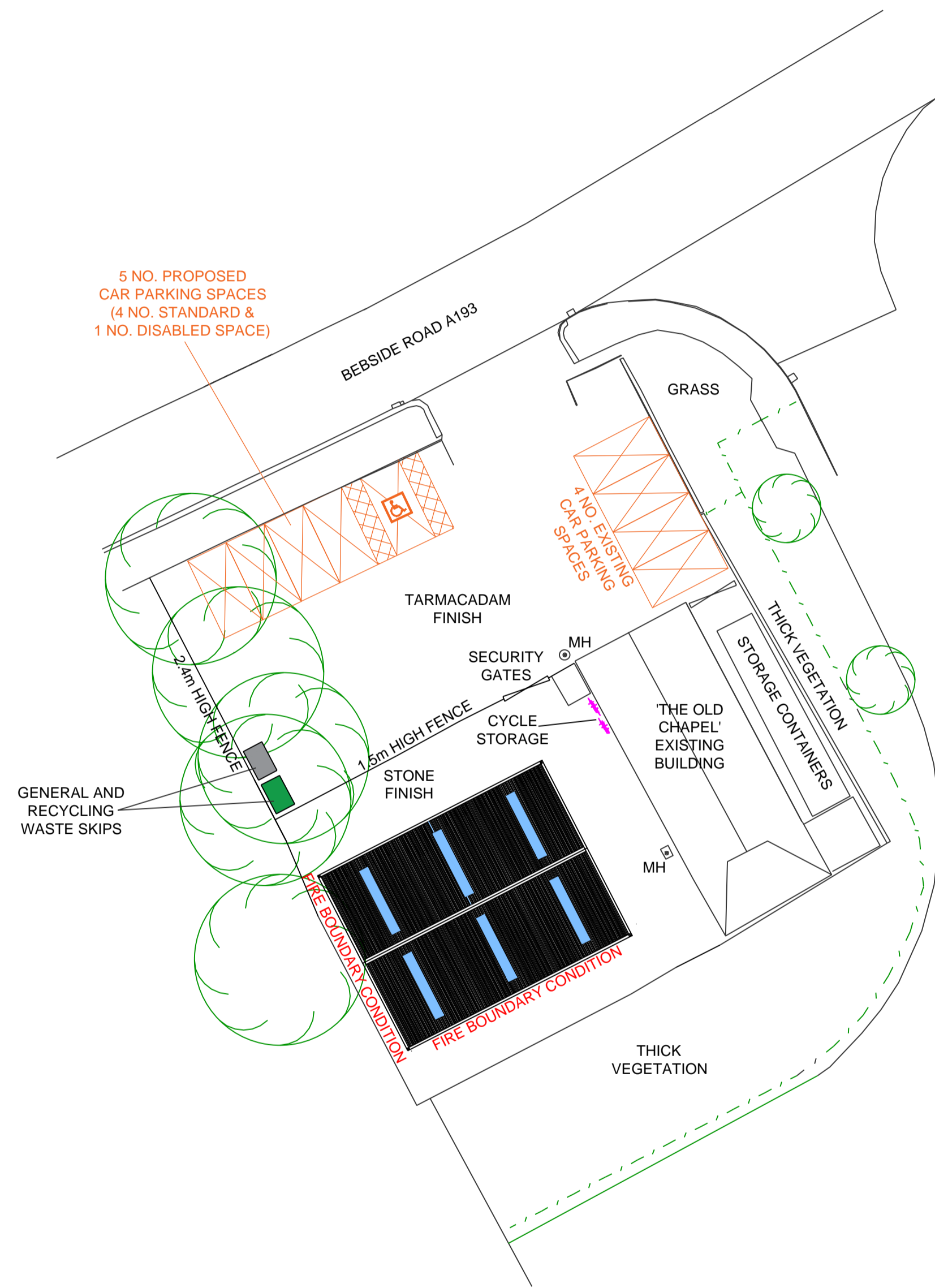
FWS Geotechnical & Environmental Consultants


Unit 2 City West Business Park
St Johns Road
Meadowfield Industrial Estate
Durham
County Durham
DH7 8ER

Tel: 01388 420633
admin@fwsconsultants.com www.fwsconsultants.com

APPENDIX 1.2

THIRD PARTY DRAWINGS



A	BOUNDARY EXTENT AMENDED TO SUIT TITLE DEED INFORMATION	17-08-23
REV MARK	REVISION DESCRIPTION	REVISION DATE
JAG TECHNICAL SERVICES LIMITED <small>E-MAIL: JAMES.GRAINGER@JAGTECHNICALSERVICESLIMITED.CO.UK PHONE: 0754976774 WEBSITE: WWW.JAGTECHNICALSERVICESLIMITED.CO.UK</small>		 <small>JAG TECHNICAL SERVICES LIMITED</small>
DRAWING TITLE	PROPOSED SITE LAYOUT PLAN	
CONTRACT	MOBILE TYRES BY ANDY, OLD CHAPEL, FRONT STREET, BLYTH, NE24 4HW	
MODELLED BY	JAG	ISSUE DATE
CONTRACT NO	C1176	SCALE 1:250 @ A1
DRAWING No	03	REVISION No. A

APPENDIX 2

RECENT AND HISTORICAL OS MAPS

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

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

1:10,000 Raster Mapping

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

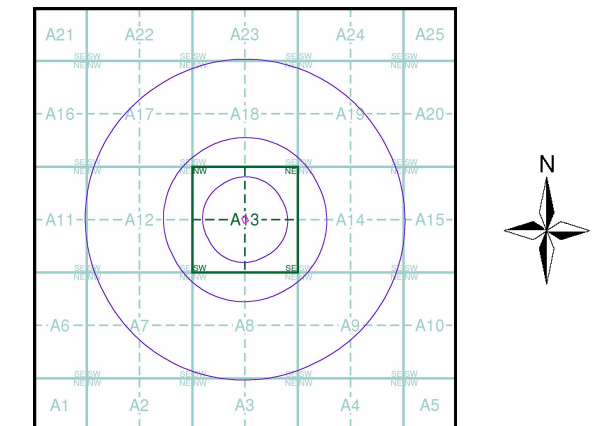
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northumberland	1:10,560	1865	2
Northumberland	1:10,560	1898	3
Northumberland	1:10,560	1924	4
Northumberland	1:10,560	1938	5
Ordnance Survey Plan	1:10,000	1950 - 1951	6
Ordnance Survey Plan	1:10,000	1967	7
Ordnance Survey Plan	1:10,000	1977	8
Ordnance Survey Plan	1:10,000	1982 - 1987	9
Ordnance Survey Plan	1:10,000	1991 - 1993	10
10K Raster Mapping	1:10,000	2000	11
Street View	Variable		12

Historical Map - Slice A



Order Details

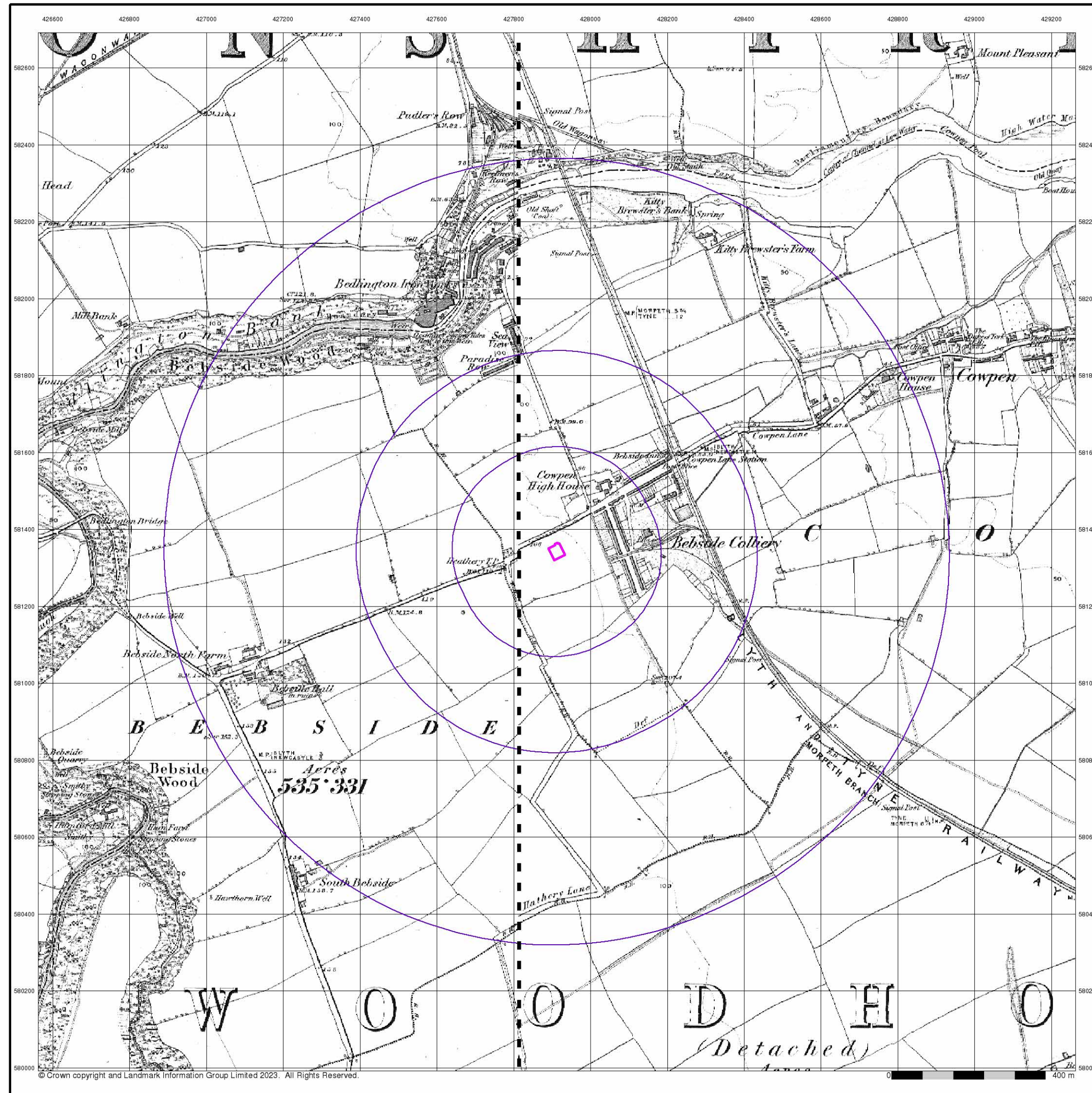
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 Search Buffer (m): 1000

Site Details

Site at 427910, 581350

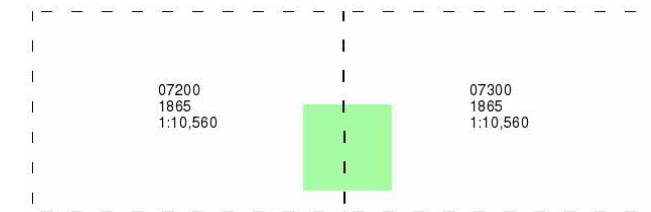
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 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

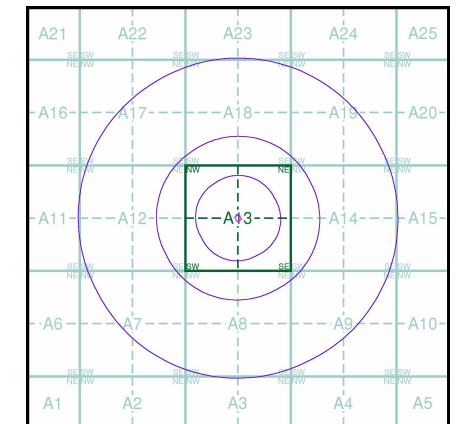


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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

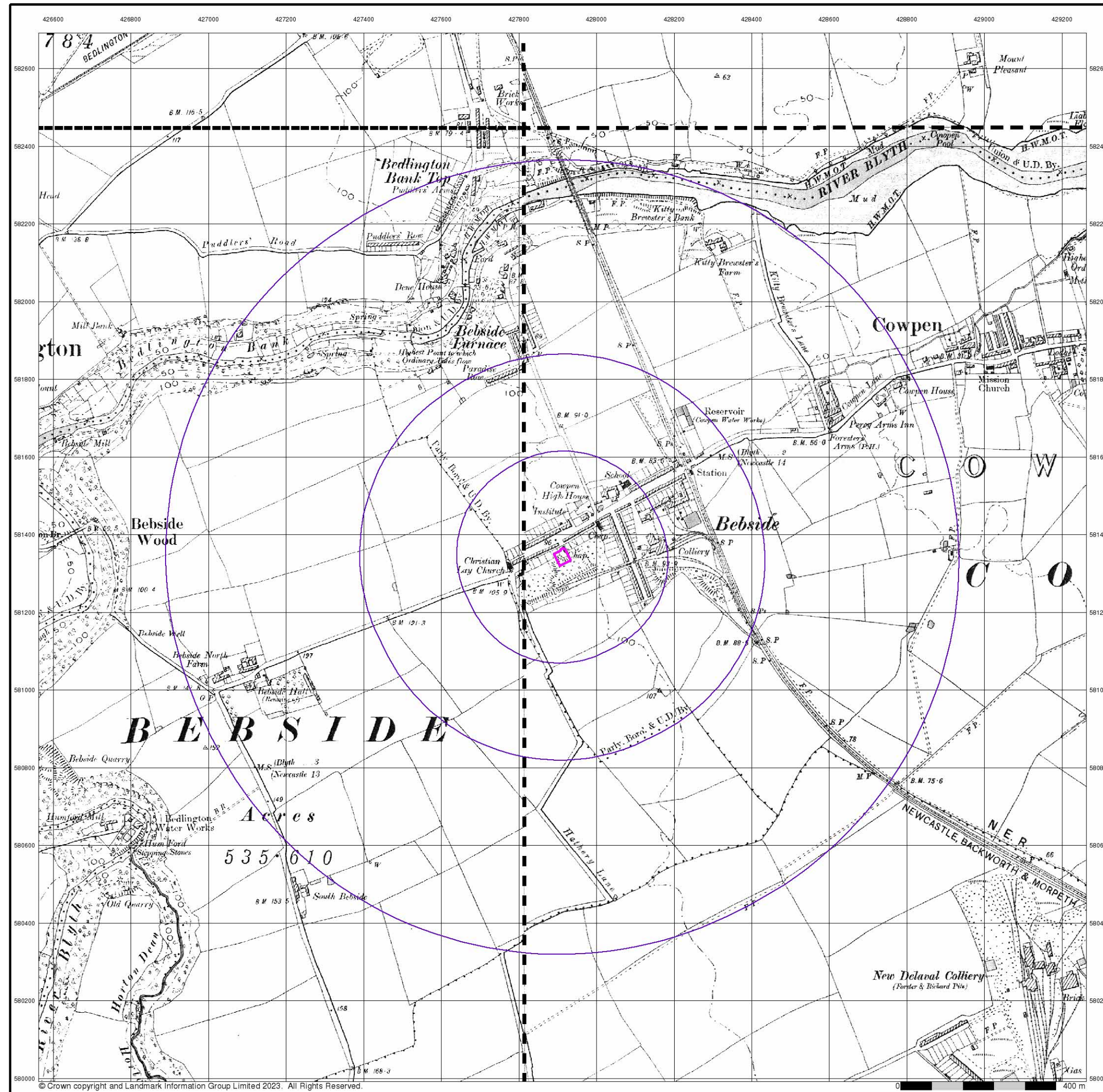


Order Details

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 Slice: A
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 Search Buffer (m): 1000

Site Details

Site at 427910, 581350



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Northumberland

Published 1898

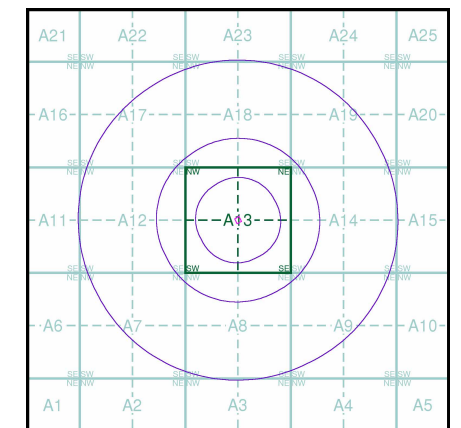
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

072NE 1898 1:10,560	073NW 1898 1:10,560
072SE 1898 1:10,560	073SW 1898 1:10,560

Historical Map - Slice A



Order Details

Order Number: 316380586_1_1
 Customer Ref: 4295
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Site Details

Site at 427910, 581350

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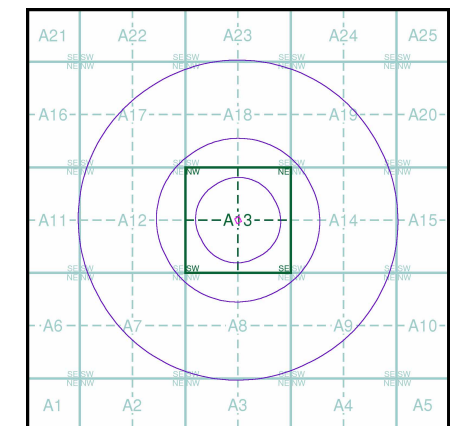
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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)

070SW	1924	1:10,560
078NW	1924	1:10,560

Historical Map - Slice A

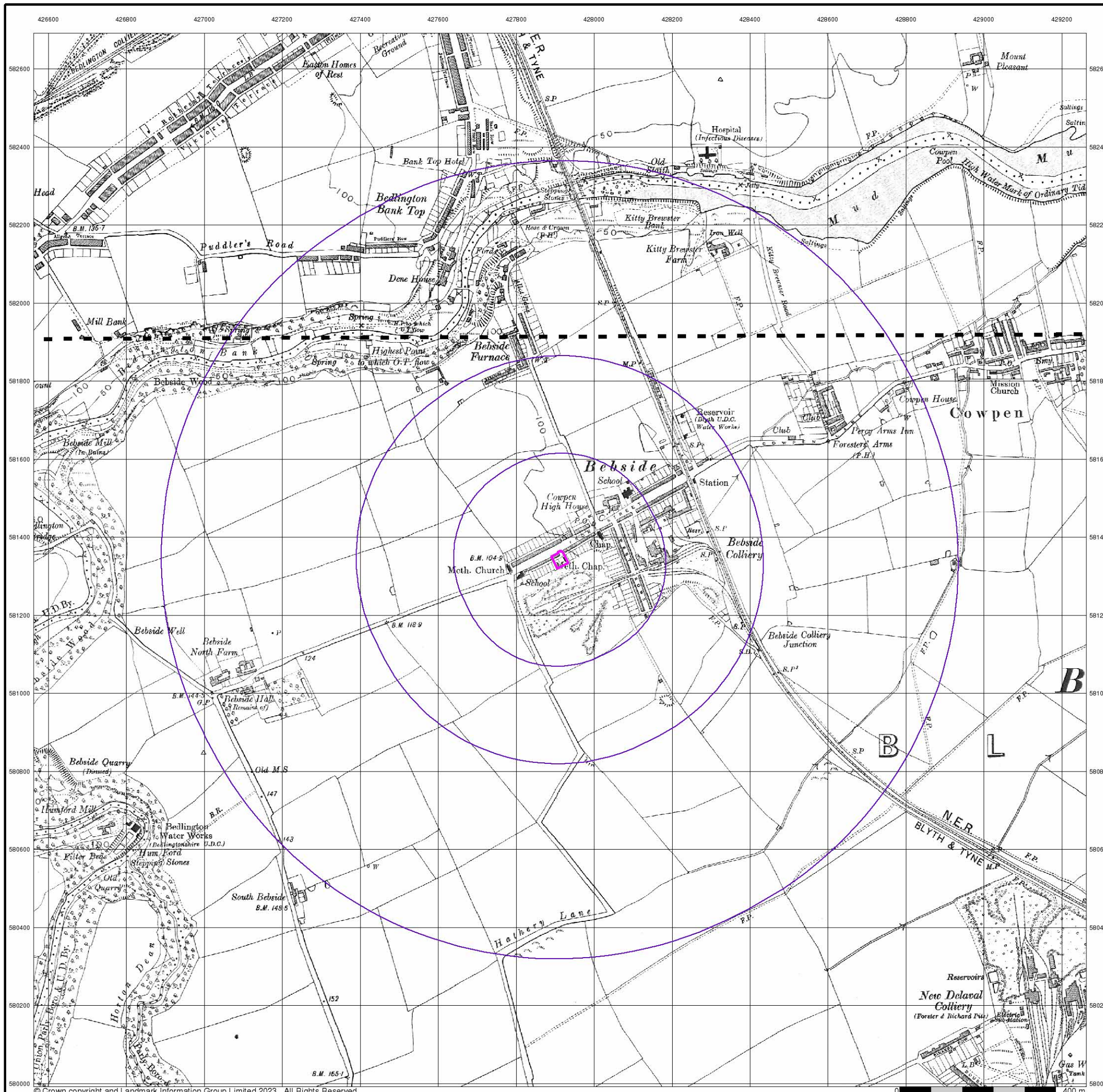


Order Details

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Site Details

Site at 427910, 581350



Northumberland

Published 1938

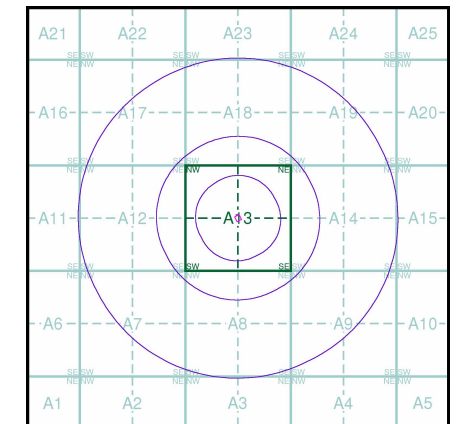
Source map scale - 1:10,560

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)

070SW	1938	1:10,560
078NW	1938	1:10,560

Historical Map - Slice A

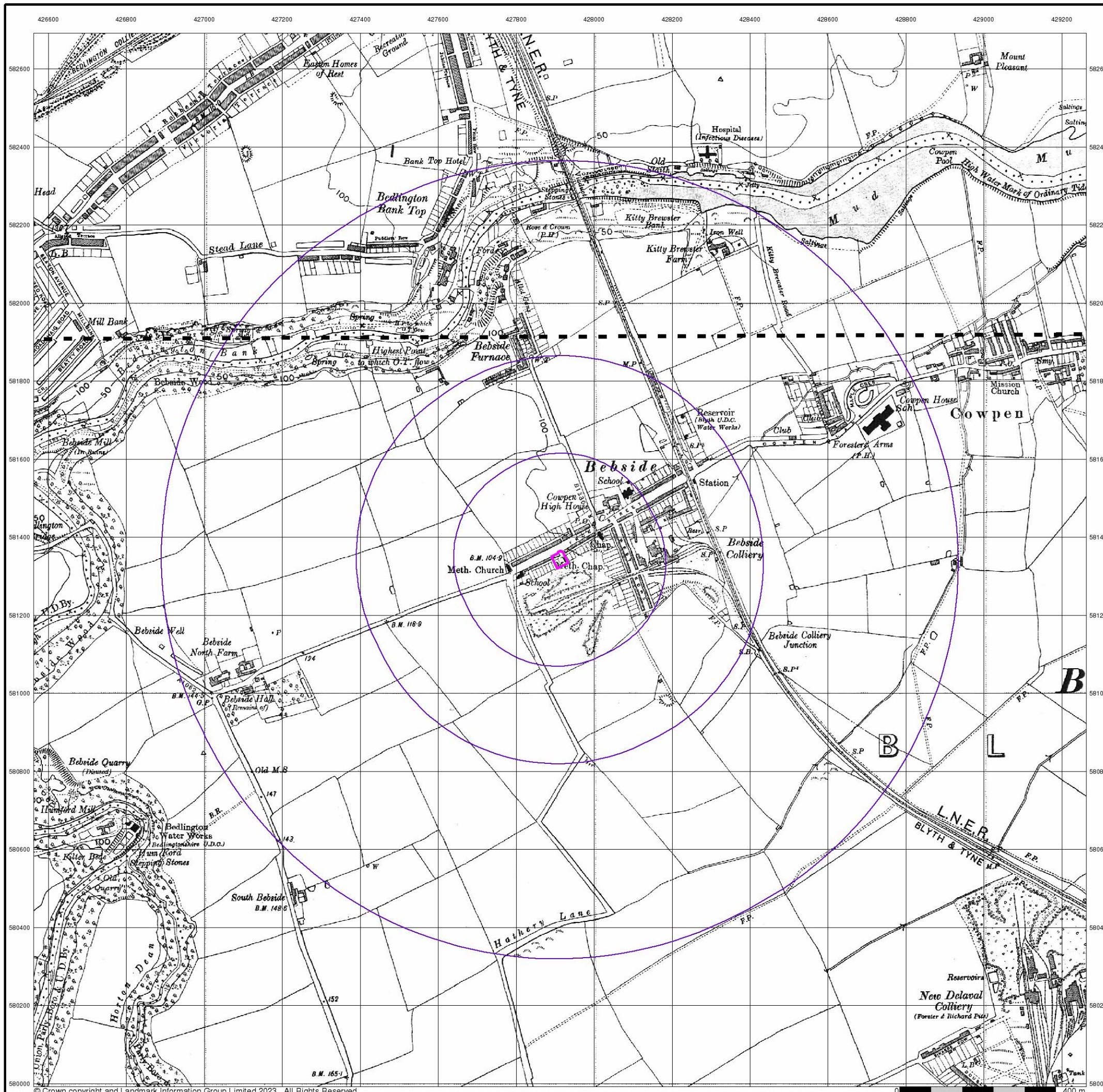


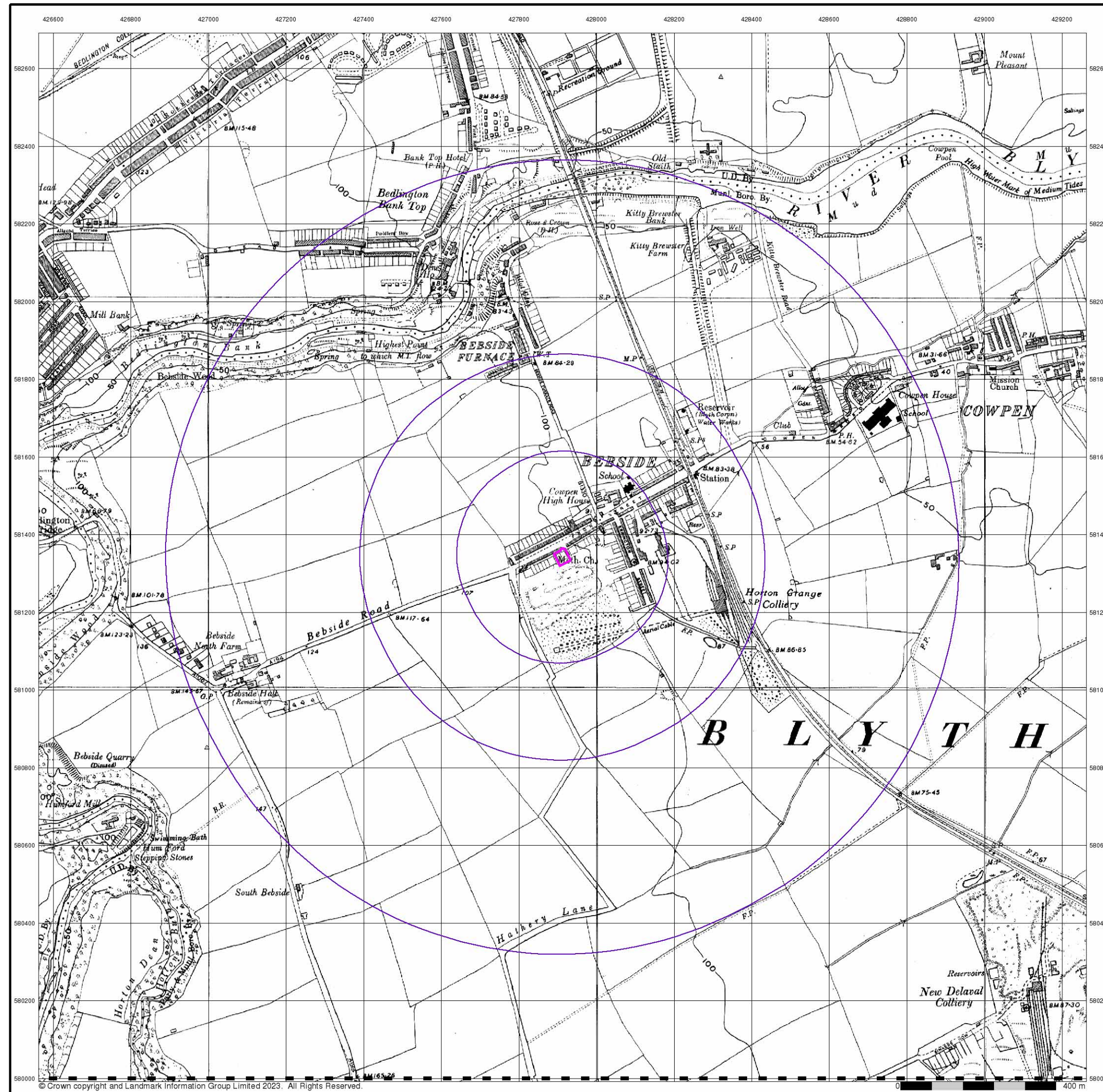
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Site Details

Site at 427910, 581350





Ordnance Survey Plan

Published 1950 - 1951

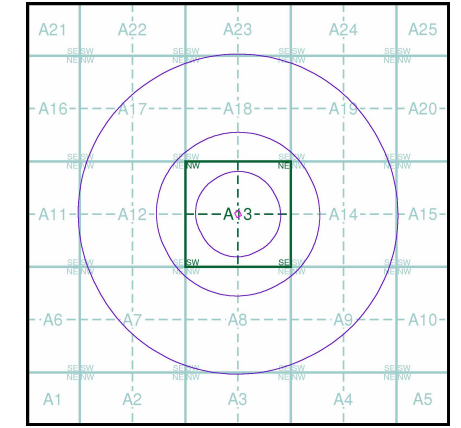
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

NZ28SE	1951	1:10,560
NZ27NE	1950	1:10,560

Historical Map - Slice A

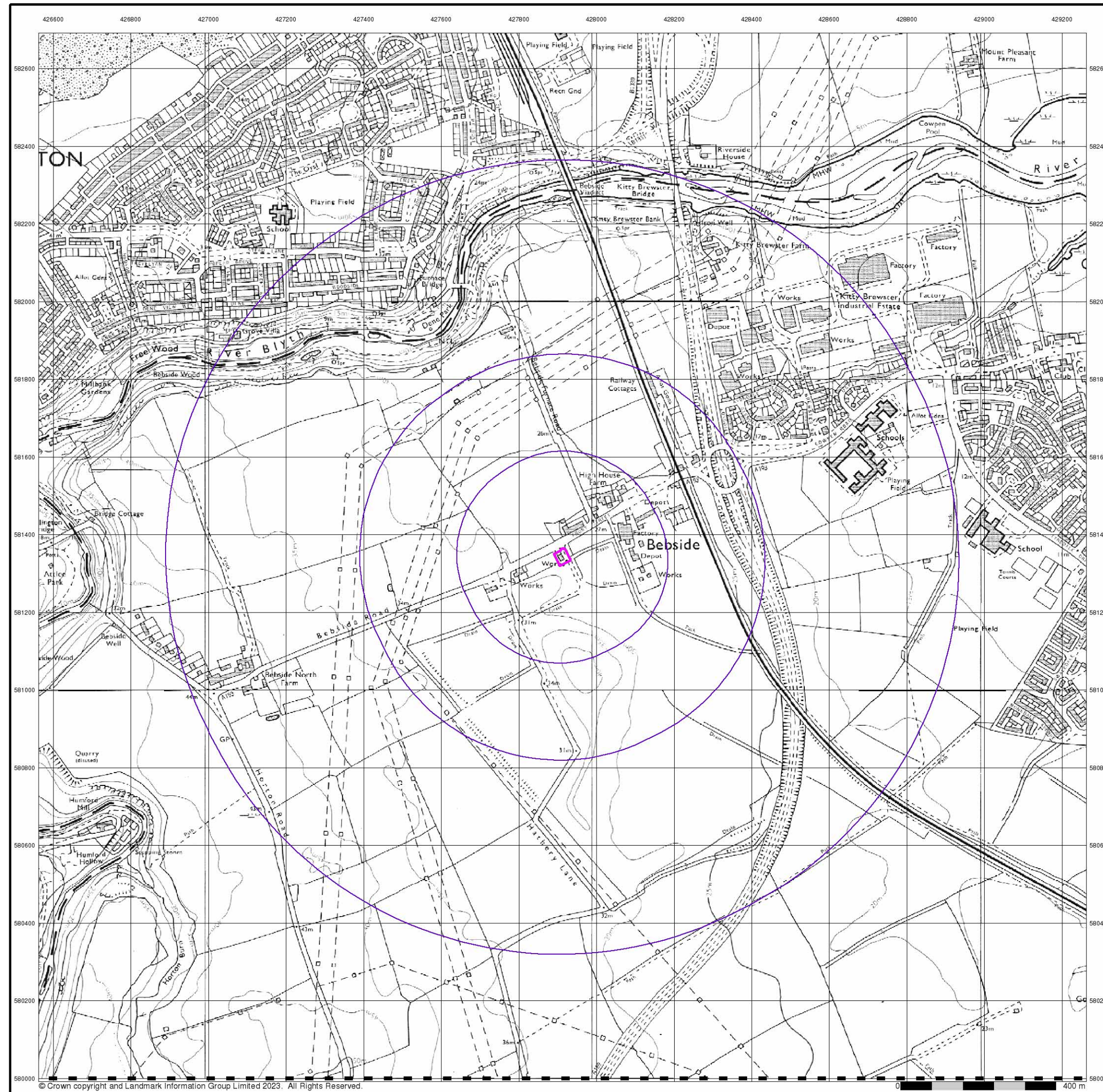


Order Details

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 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Site at 427910, 581350



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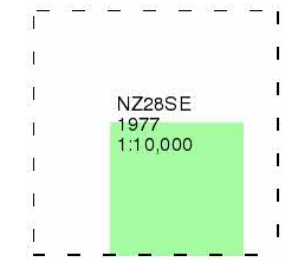
Ordnance Survey Plan

Published 1977

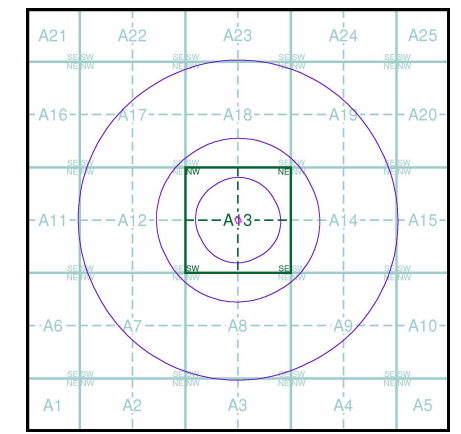
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

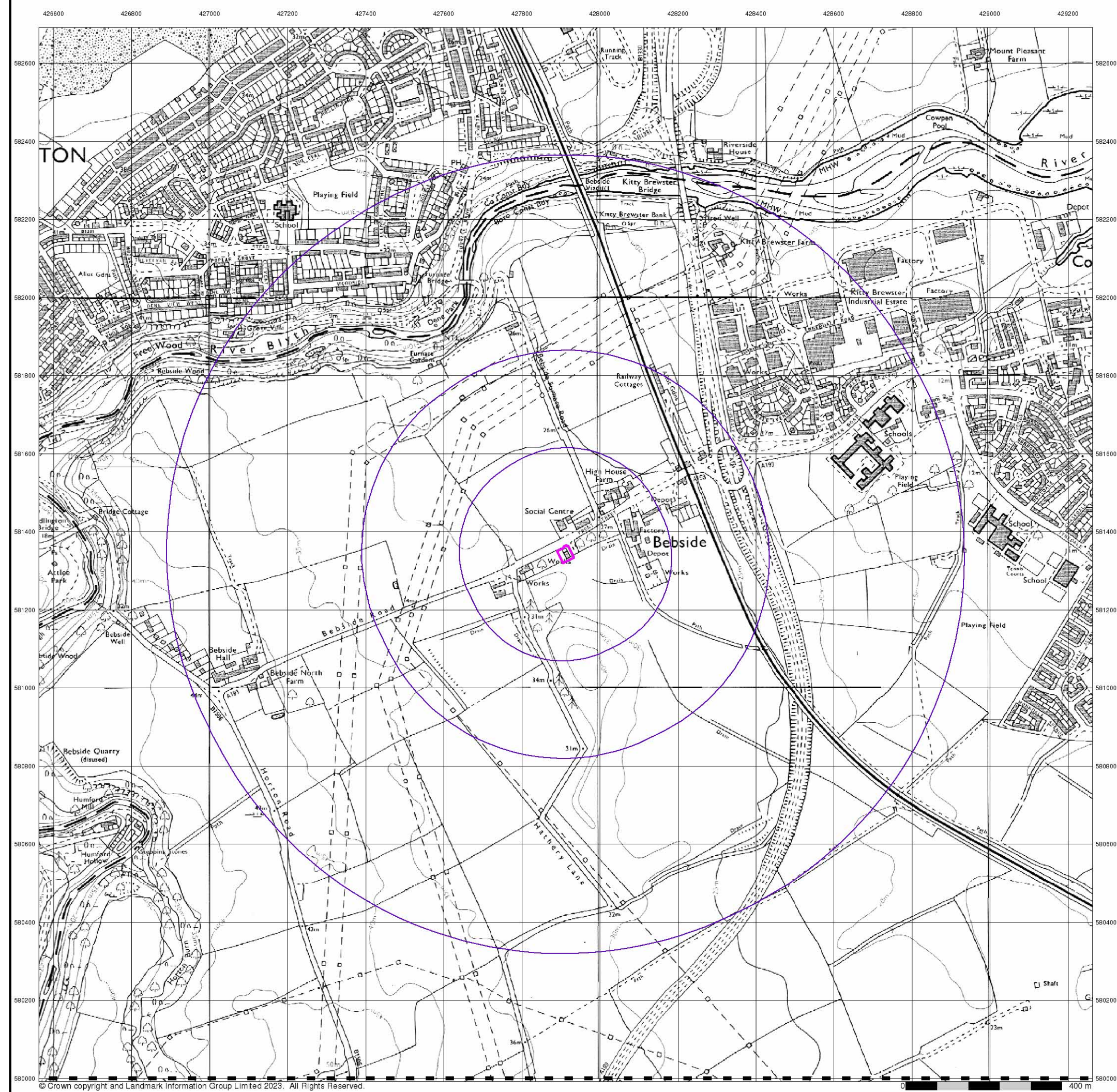
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 Search Buffer (m): 1000

Site Details

Site at 427910, 581350

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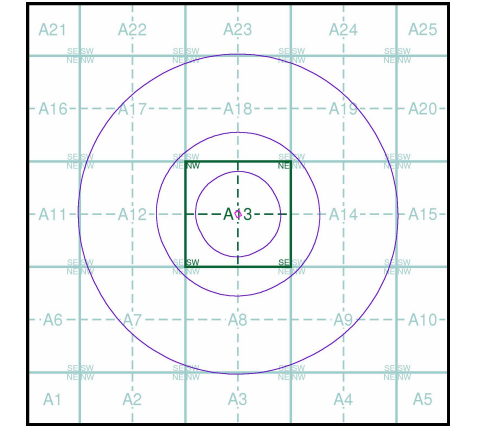
Ordnance Survey Plan
Published 1982 - 1987
Source map scale - 1:10,000

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Map Name(s) and Date(s)

NZ28SE	1987
1:10,000	
NZ27NE	1982
1:10,000	

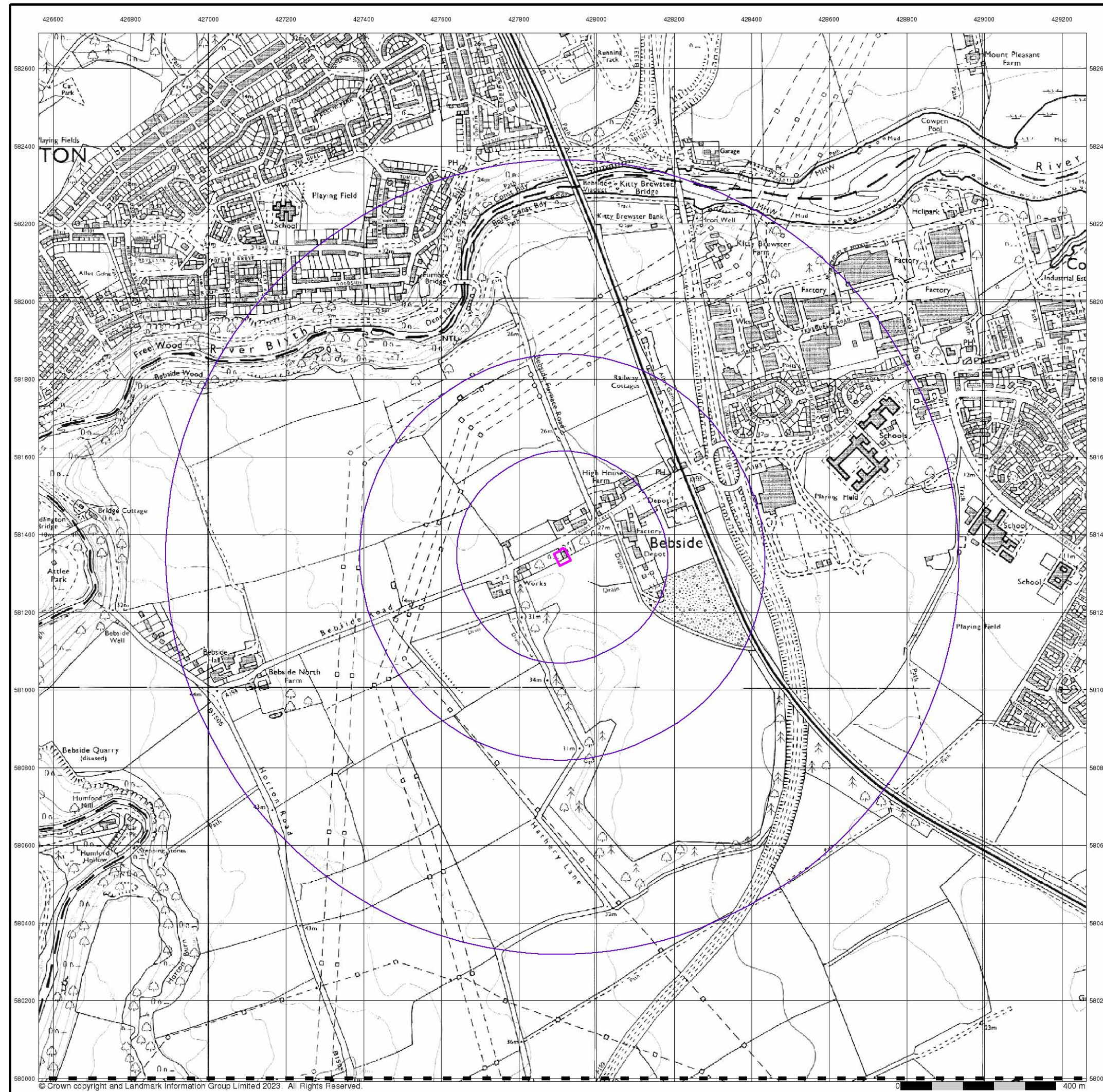
Historical Map - Slice A



Order Details
 Order Number: 316380586_1_1
 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details
 Site at 427910, 581350

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Ordnance Survey Plan

Published 1991 - 1993

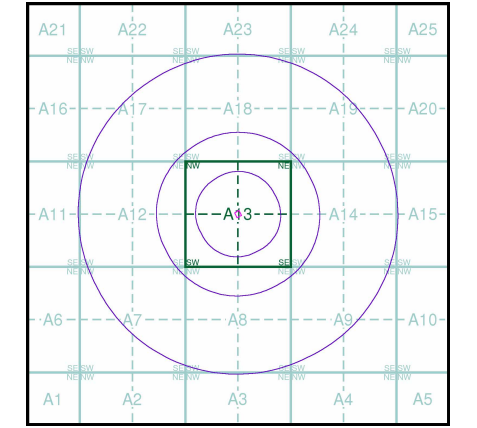
Source map scale - 1:10,000

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Map Name(s) and Date(s)

NZ28SE	1993	1:10,000
NZ27NE	1991	1:10,000

Historical Map - Slice A



Order Details

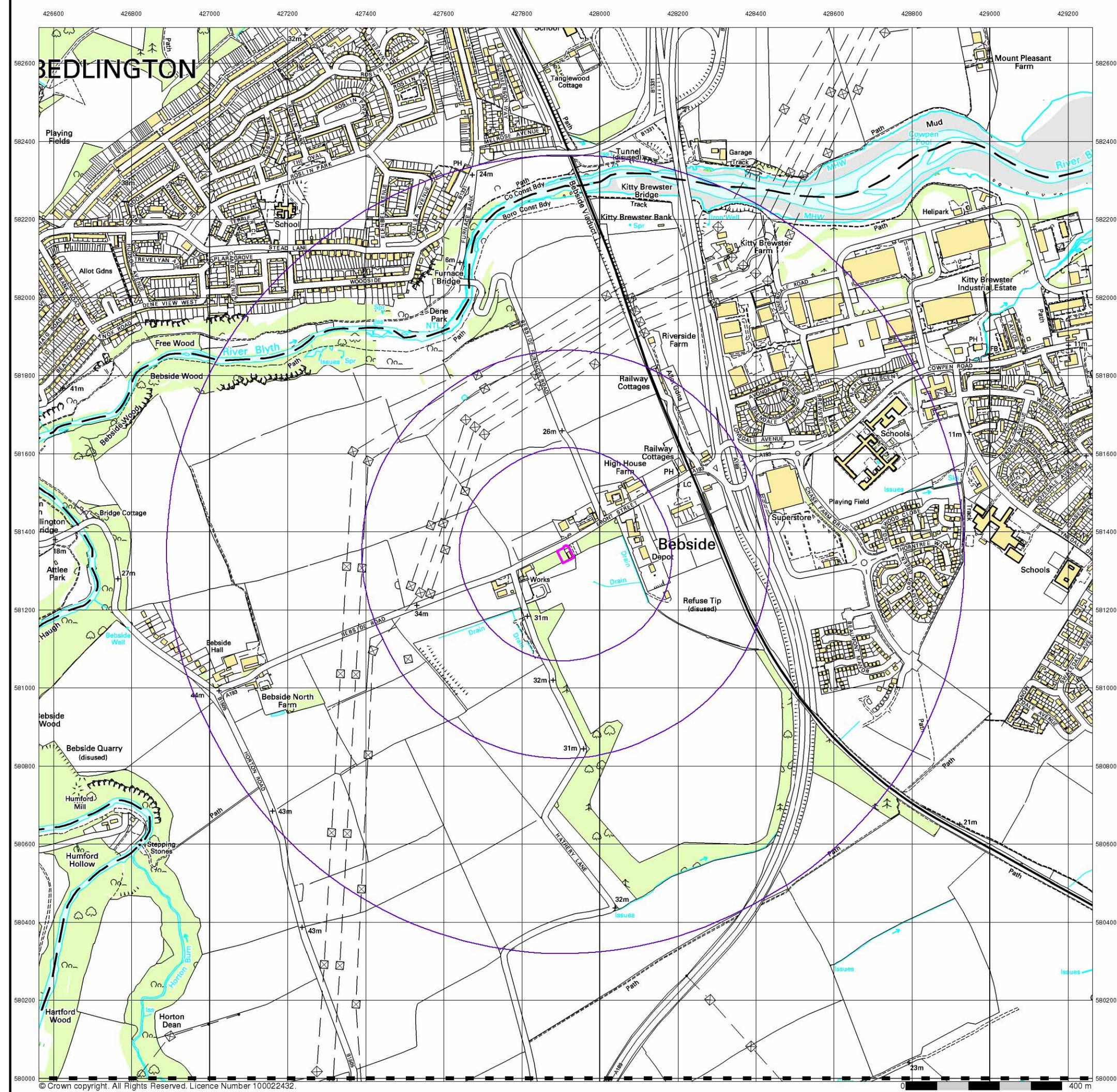
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 Search Buffer (m): 1000

Site Details

Site at 427910, 581350

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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)

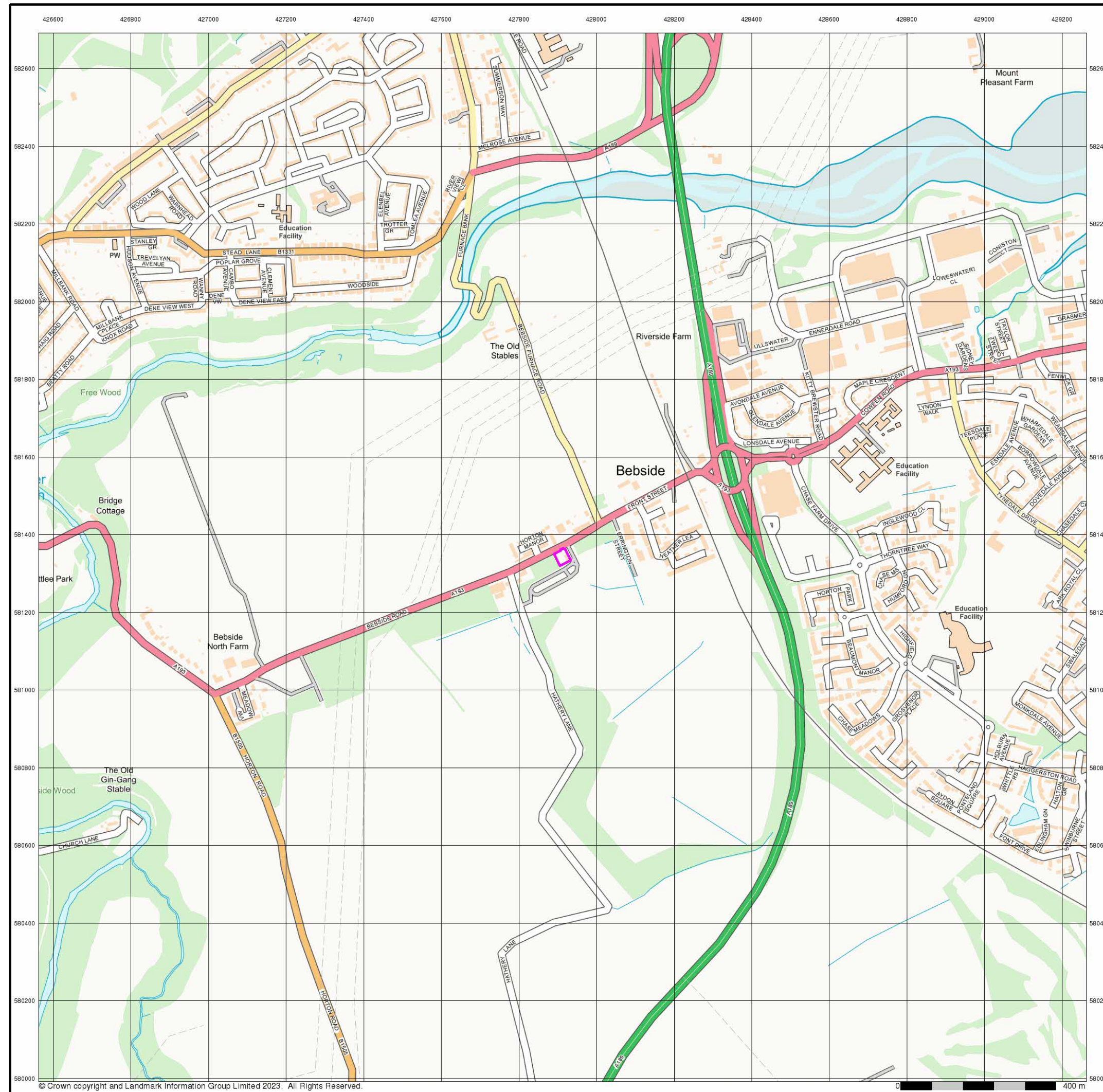
NZ28SE	2000	1:10,000
NZ27NE	2000	1:10,000

Historical Map - Slice A

Order Details

Order Number: 316380586_1_1
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Site Details
 Site at 427910, 581350



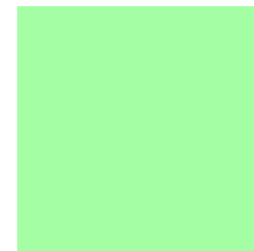
Street View

Published 2023

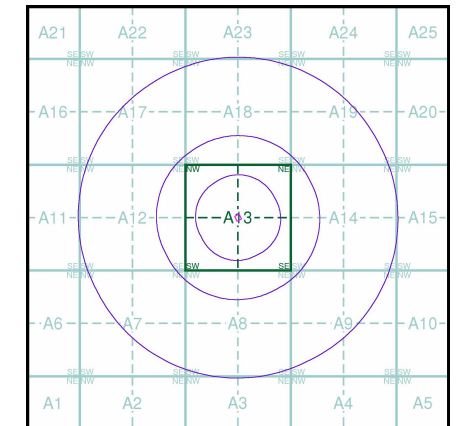
Source map scale - 1:10,000

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: 316380586_1_1
 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Site at 427910, 581350

Historical Mapping Legends

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

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

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

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

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

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

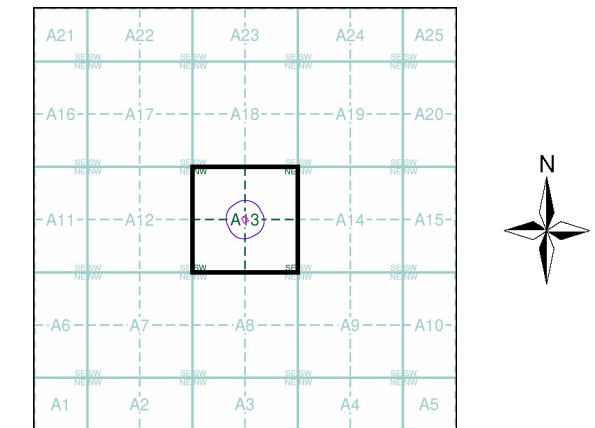
Envirocheck®

LANDMARK INFORMATION GROUP®

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northumberland	1:2,500	1895	2
Northumberland	1:2,500	1895	3
Northumberland	1:2,500	1897	4
Northumberland	1:2,500	1922	5
Northumberland	1:2,500	1937	6
Ordnance Survey Plan	1:1,250	1959 - 1960	7
Additional SIMs	1:1,250	1959 - 1991	8
Ordnance Survey Plan	1:2,500	1961	9
Ordnance Survey Plan	1:1,250	1970 - 1976	10
Ordnance Survey Plan	1:1,250	1975	11
Large-Scale National Grid Data	1:1,250	1993	12

Historical Map - Segment A13



Order Details

Order Number: 316380586_1_1
 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 100

Site Details

Site at 427910, 581350

Landmark®
 LANDMARK INFORMATION GROUP

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

427600

427800

428000

428200

581600

581600

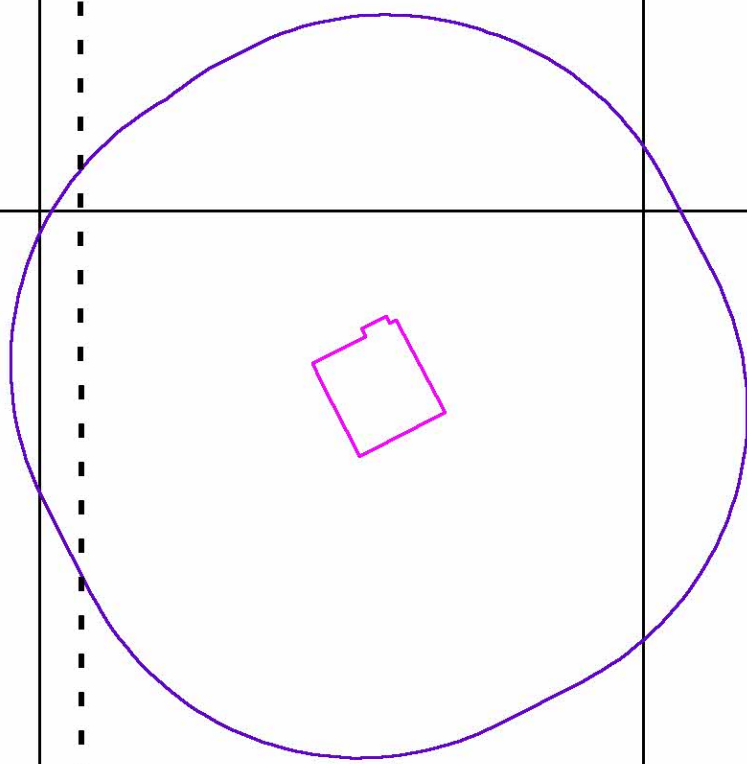
581400

581400

581200

581200

PH



Envirocheck®

● LANDMARK INFORMATION GROUP®

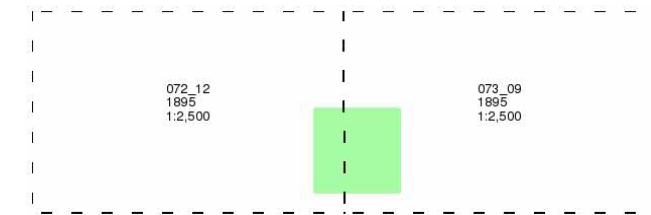
Northumberland

Published 1895

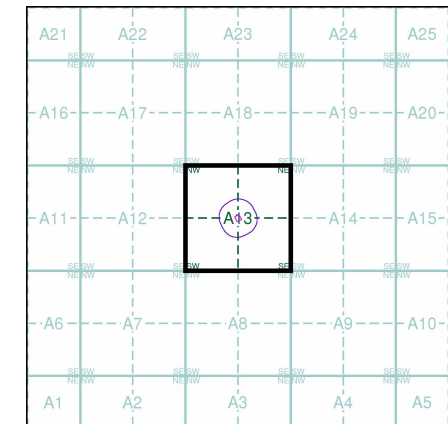
Source map scale - 1:2,500

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

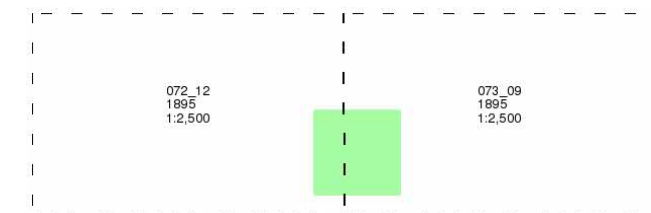
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 National Grid Reference: 427910, 581340
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 Search Buffer (m): 100

Site Details

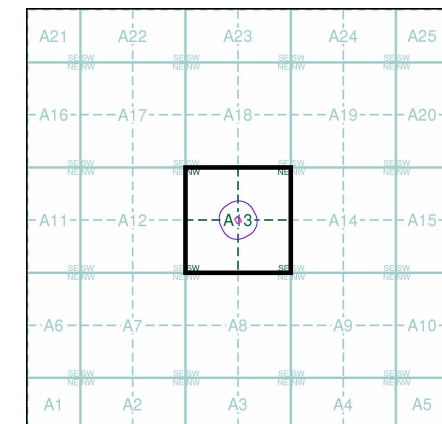
Site at 427910, 581350

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

Map Name(s) and Date(s)



Historical Map - Segment A13

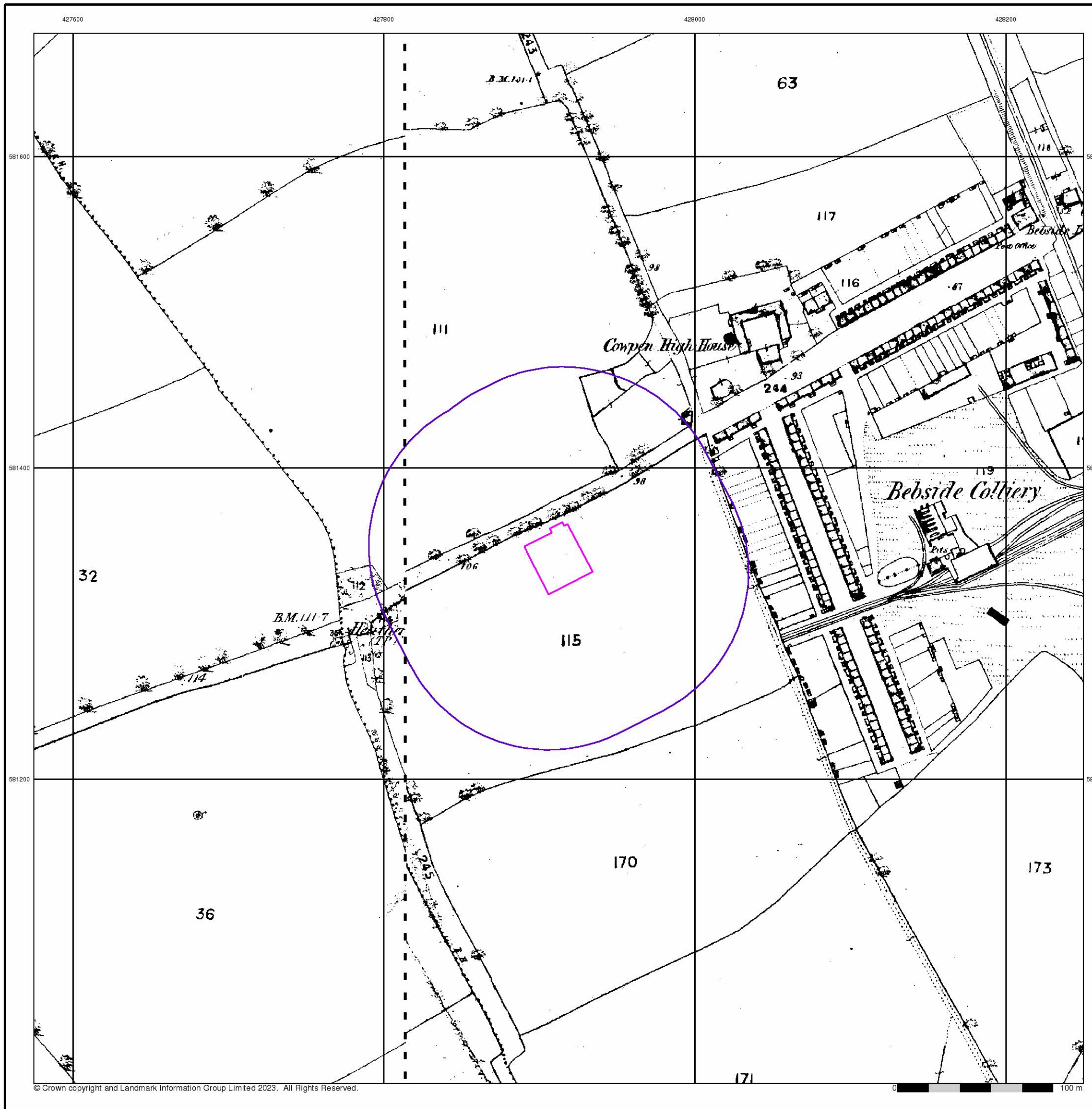


Order Details

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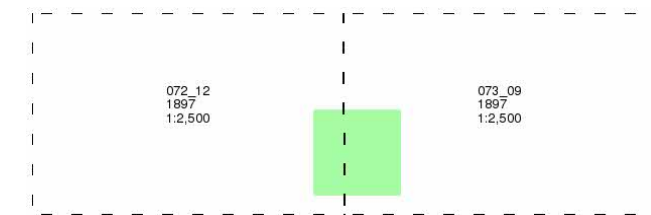
Site Details

Site at 427910, 581350

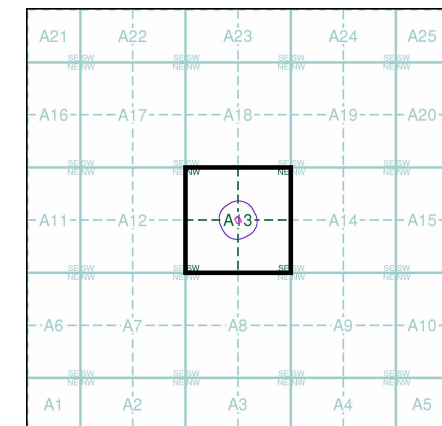


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment A13

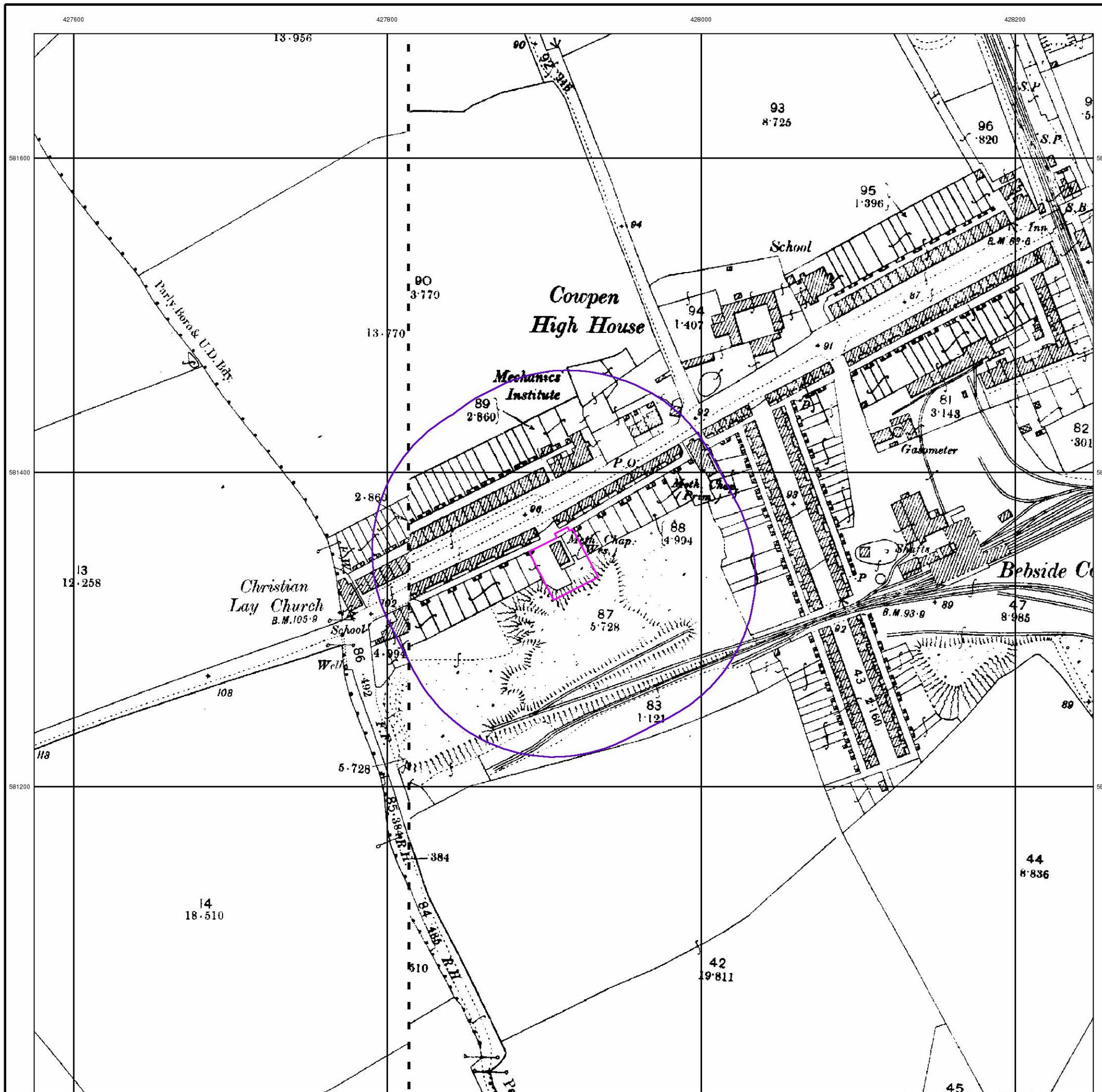


Order Details

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 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 100

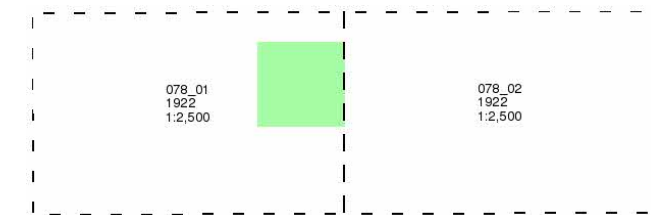
Site Details

Site at 427910, 581350

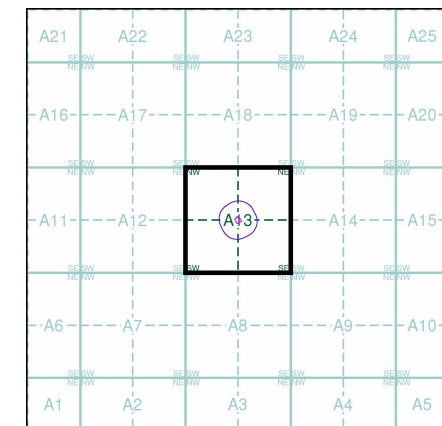


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

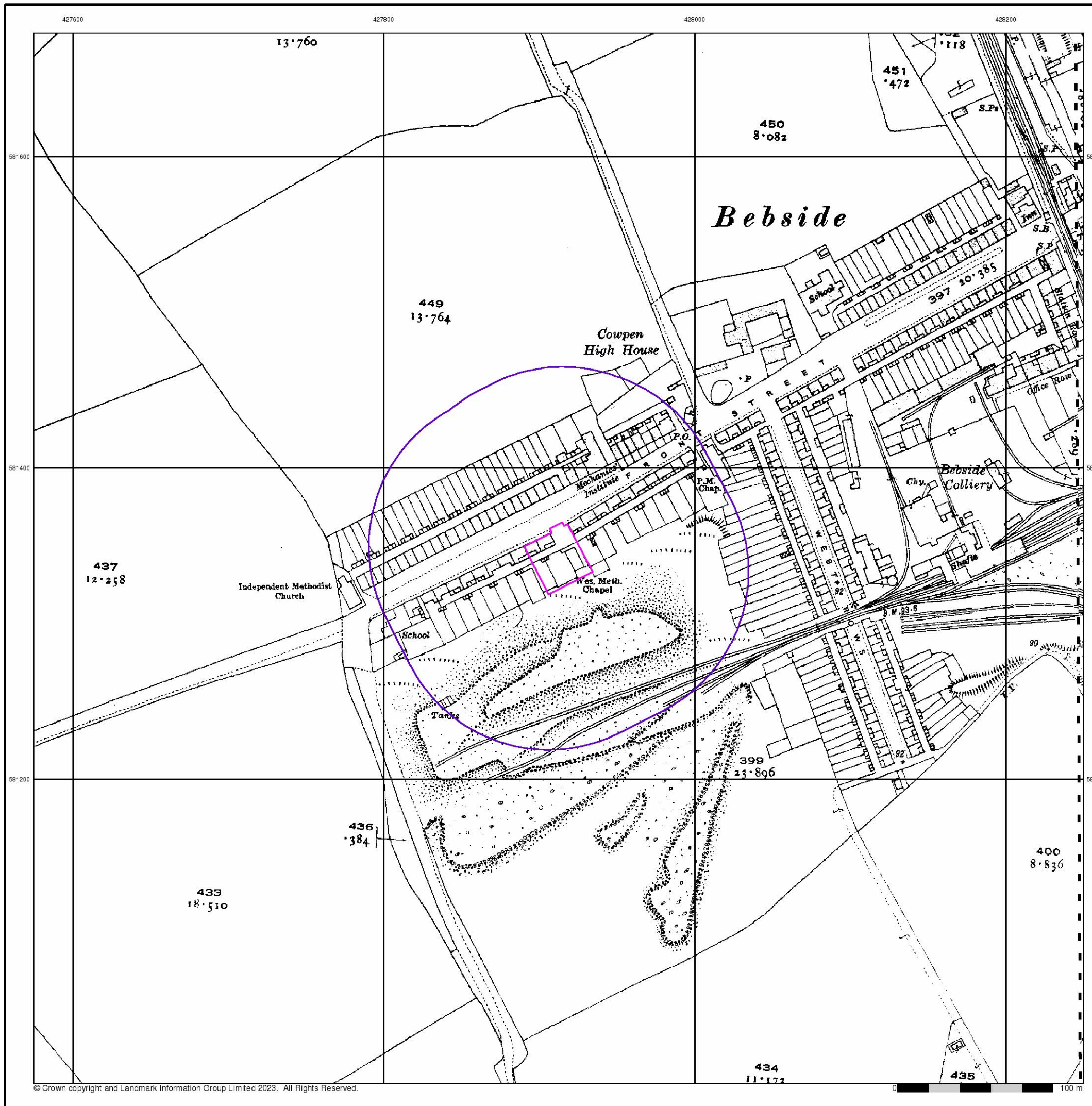


Order Details

Order Number: 316380586_1_1
Customer Ref: 4295
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Slice: A
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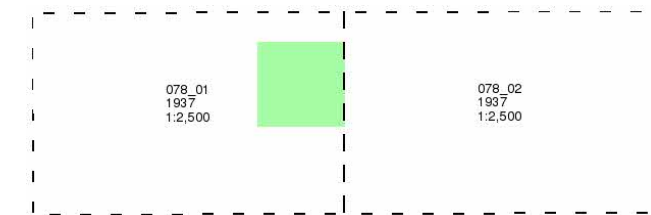
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Site at 427910, 581350

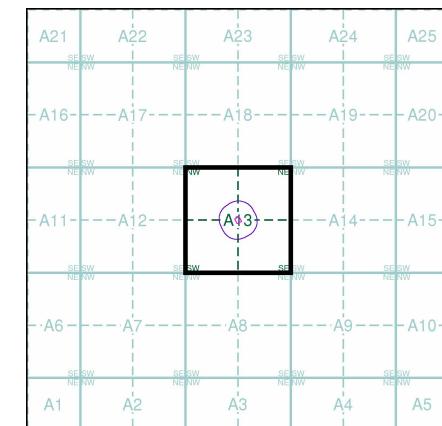


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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: 316380586_1_1
 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 100

Site Details

Site at 427910, 581350



Ordnance Survey Plan

Published 1959 - 1960

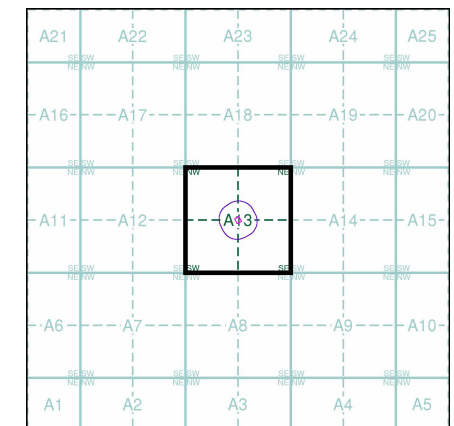
Source map scale - 1:1,250

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)

NZ2781NE 1959 1:1,250	NZ2881NW 1960 1:1,250
NZ2781SE 1959 1:1,250	NZ2881SW 1960 1:1,250

Historical Map - Segment A13

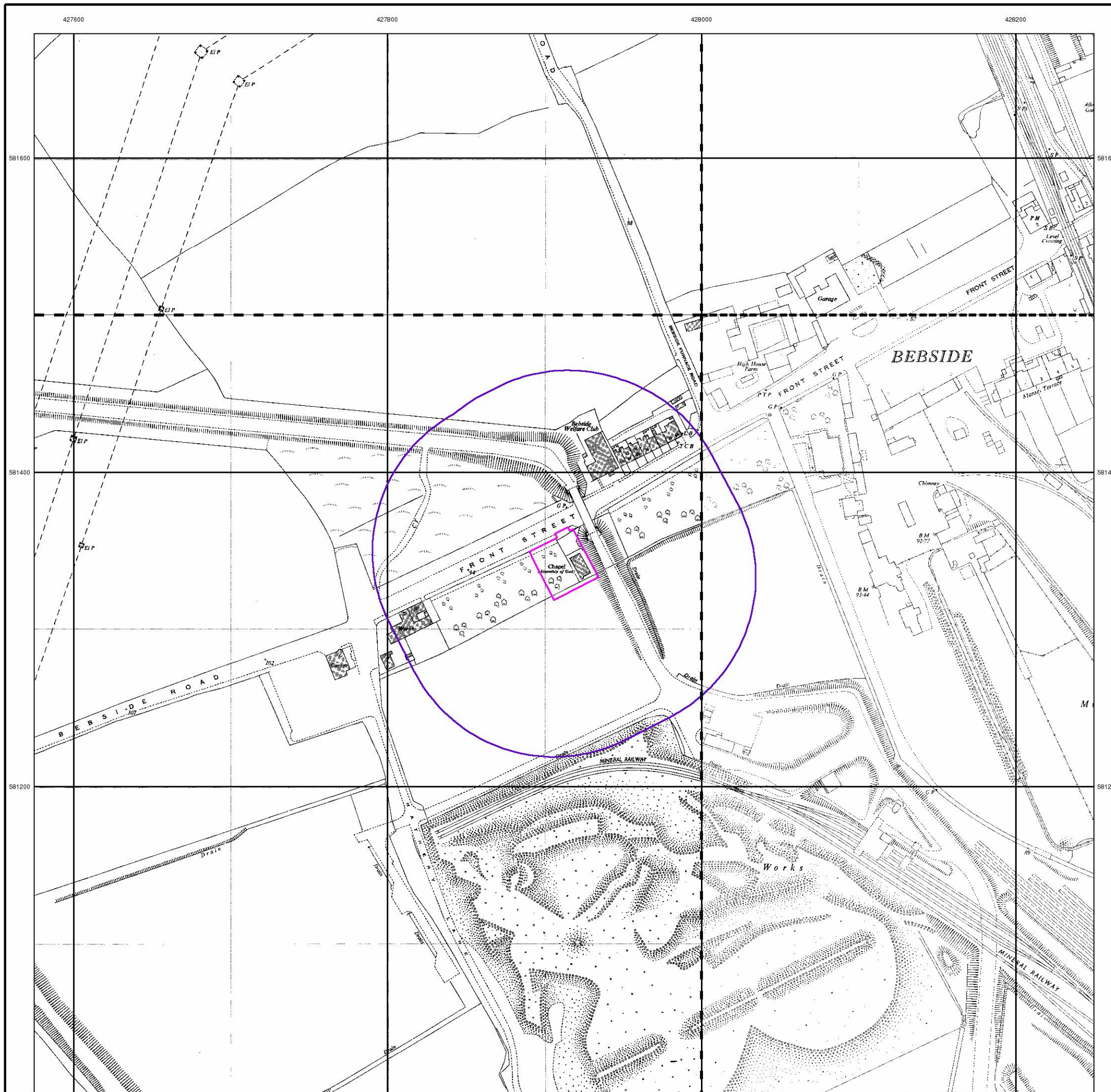


Order Details

Order Number: 316380586_1_1
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 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 100

Site Details

Site at 427910, 581350



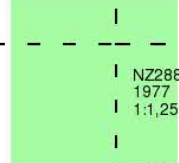
Additional SIMs

Published 1959 - 1991

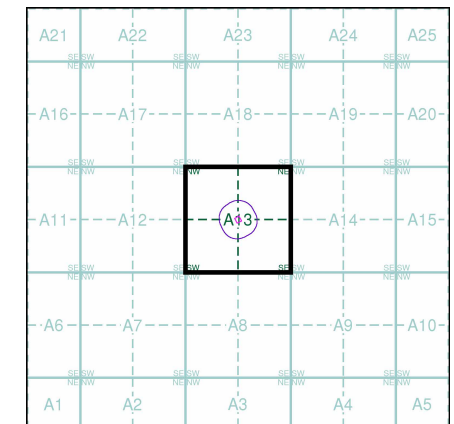
Source map scale - 1:1,250

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)

NZ2781NE	NZ2881NW
1959	1991
1:1,250	1:1,250
	
NZ2881SW 1977 1:1,250	

Historical Map - Segment A13

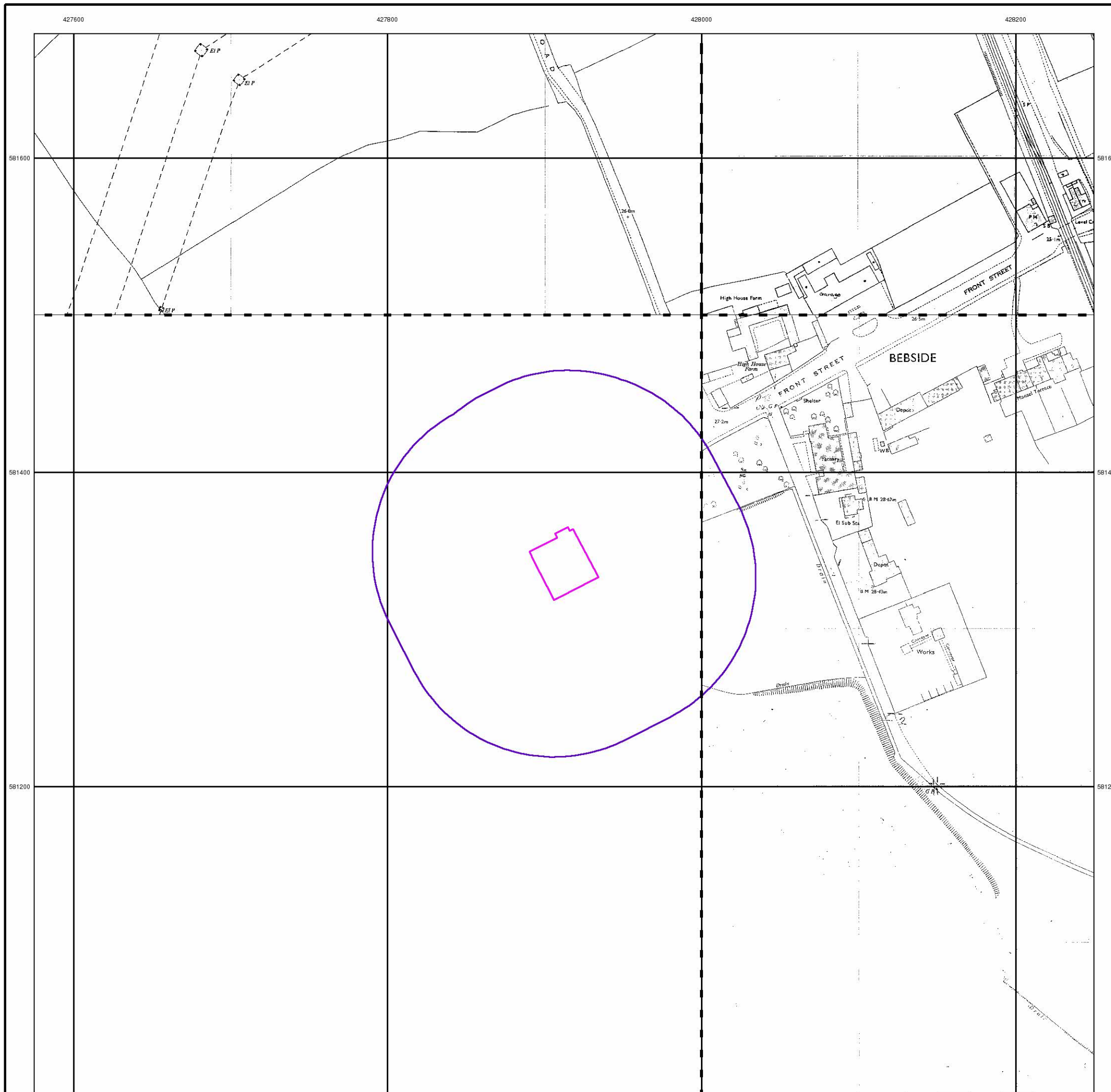


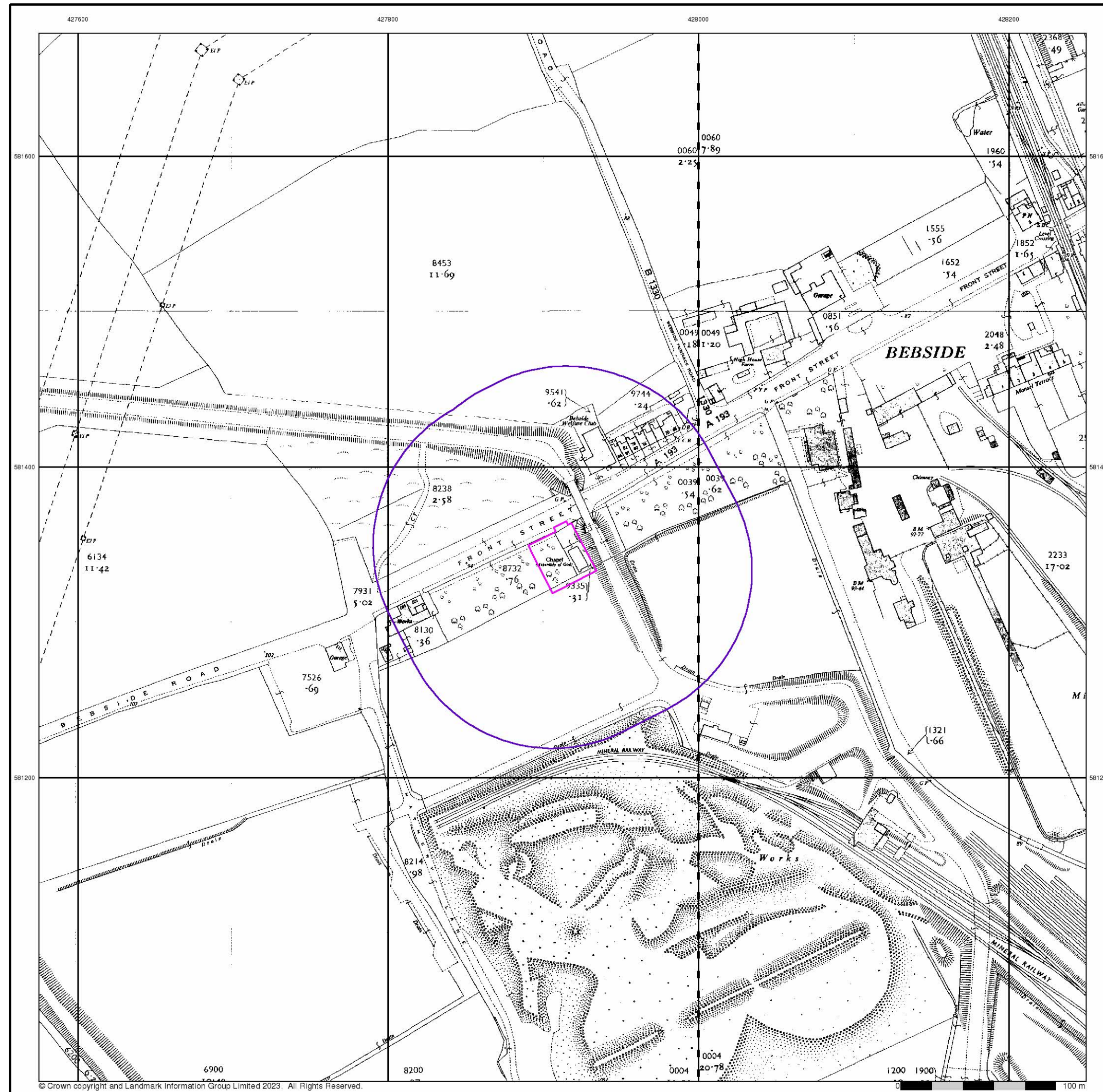
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Order Number: 316380586_1_1
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 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 100

Site Details

Site at 427910, 581350





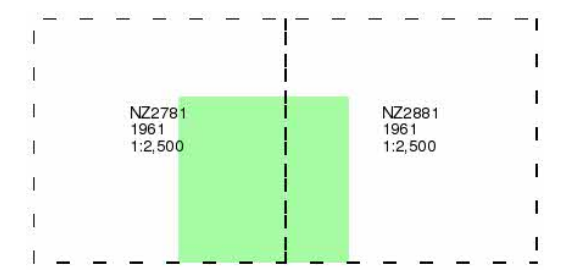
Ordnance Survey Plan

Published 1961

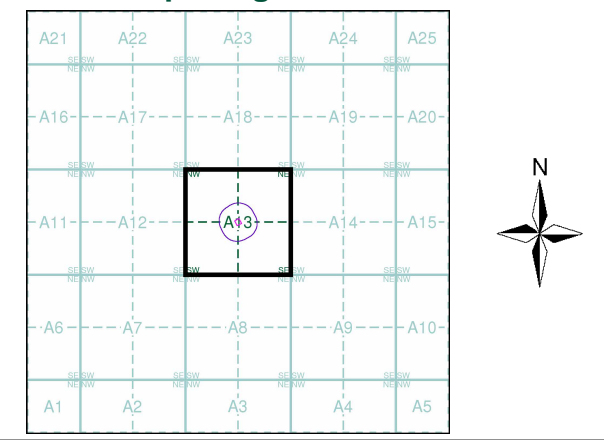
Source map scale - 1:2,500

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: 316380586_1_1
 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 100

Site Details

Site at 427910, 581350

Ordnance Survey Plan

Published 1970 - 1976

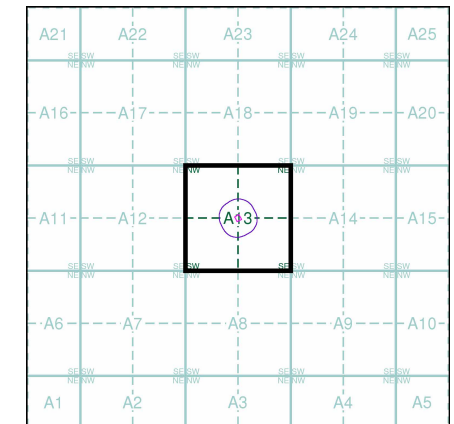
Source map scale - 1:1,250

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)

	NZ2881NW	
	1970	
	1:1,250	
NZ2781SE		NZ2881SW
1976		1970
1:1,250		1:1,250

Historical Map - Segment A13

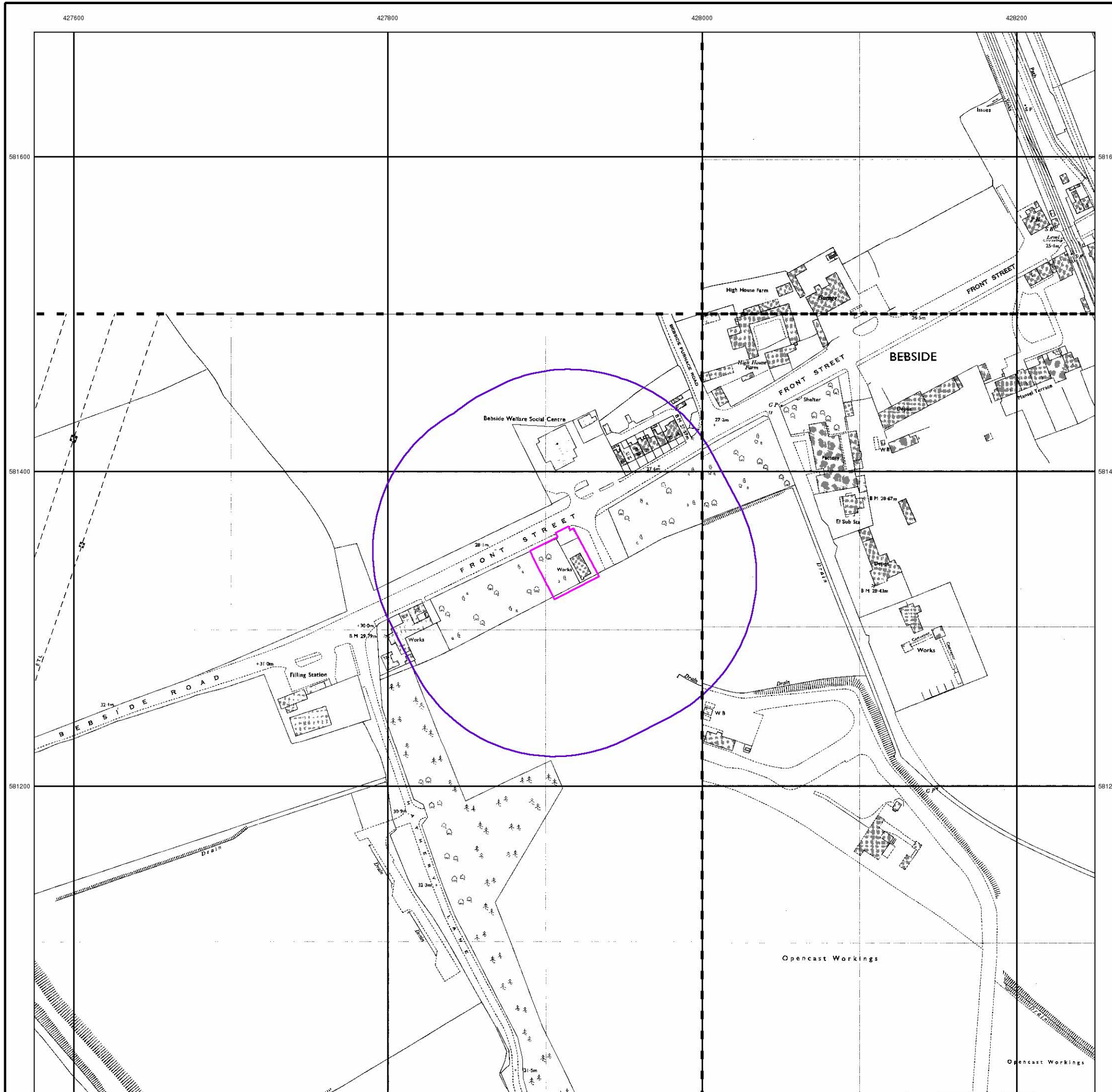


Order Details

Order Number: 316380586_1_1
 Customer Ref: 4295
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 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 100

Site Details

Site at 427910, 581350



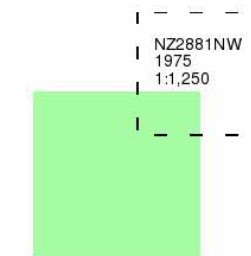
Ordnance Survey Plan

Published 1975

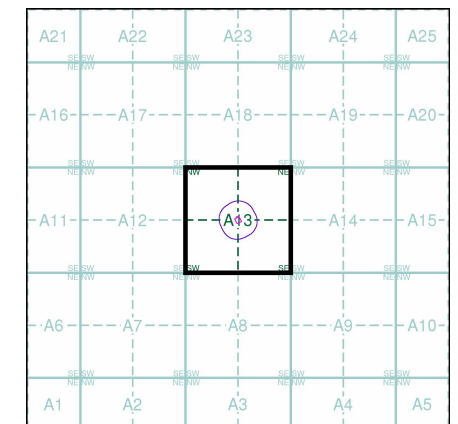
Source map scale - 1:1,250

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

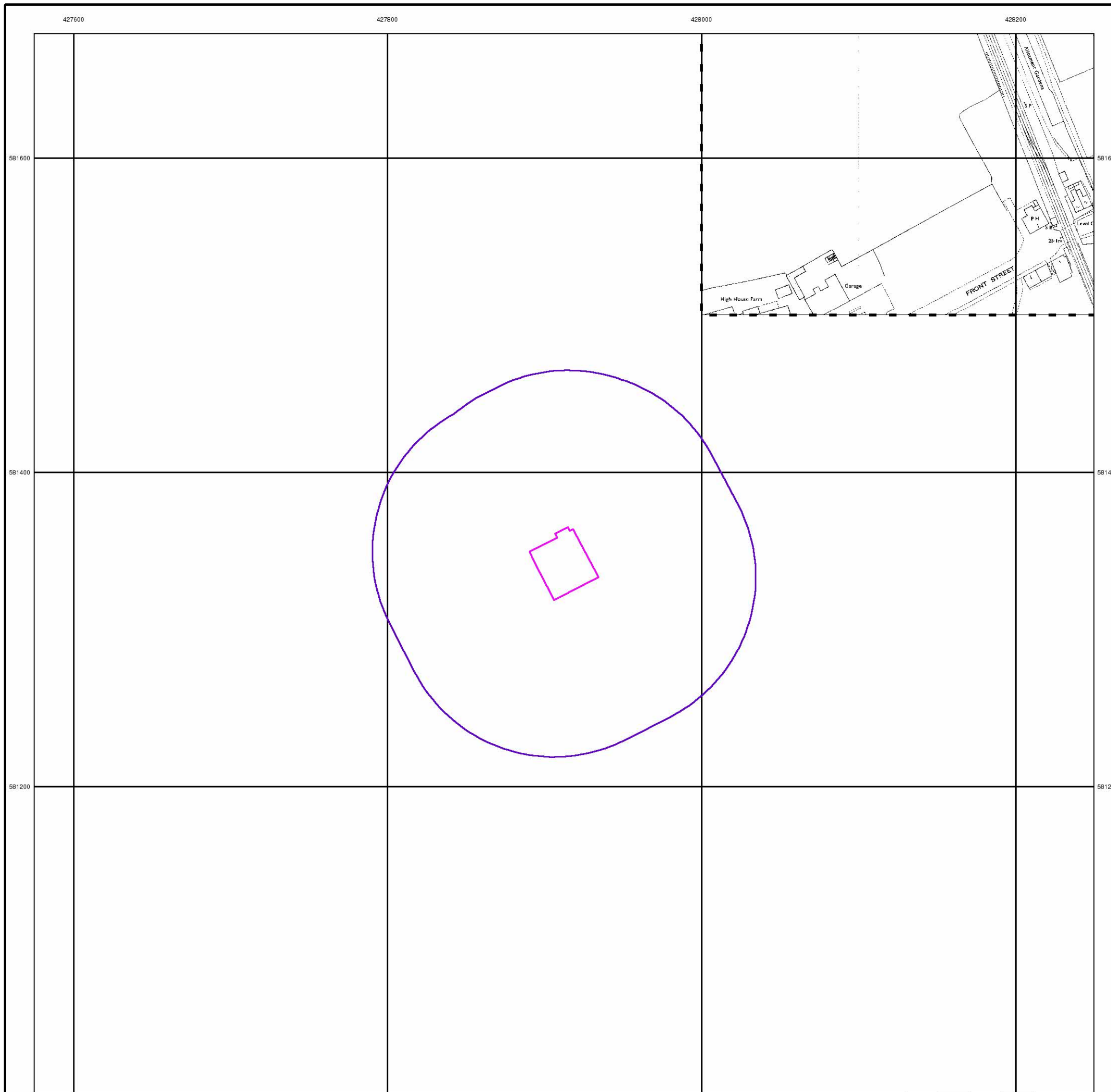


Order Details

Order Number: 316380586_1_1
Customer Ref: 4295
National Grid Reference: 427910, 581340
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

Site at 427910, 581350



Large-Scale National Grid Data

Published 1993

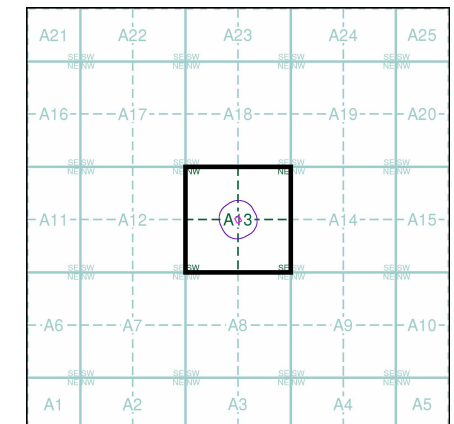
Source map scale - 1:1,250

'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)

NZ2781NE 1993 1:1,250	NZ2881NW 1993 1:1,250
NZ2781SE 1993 1:1,250	NZ2881SW 1993 1:1,250

Historical Map - Segment A13

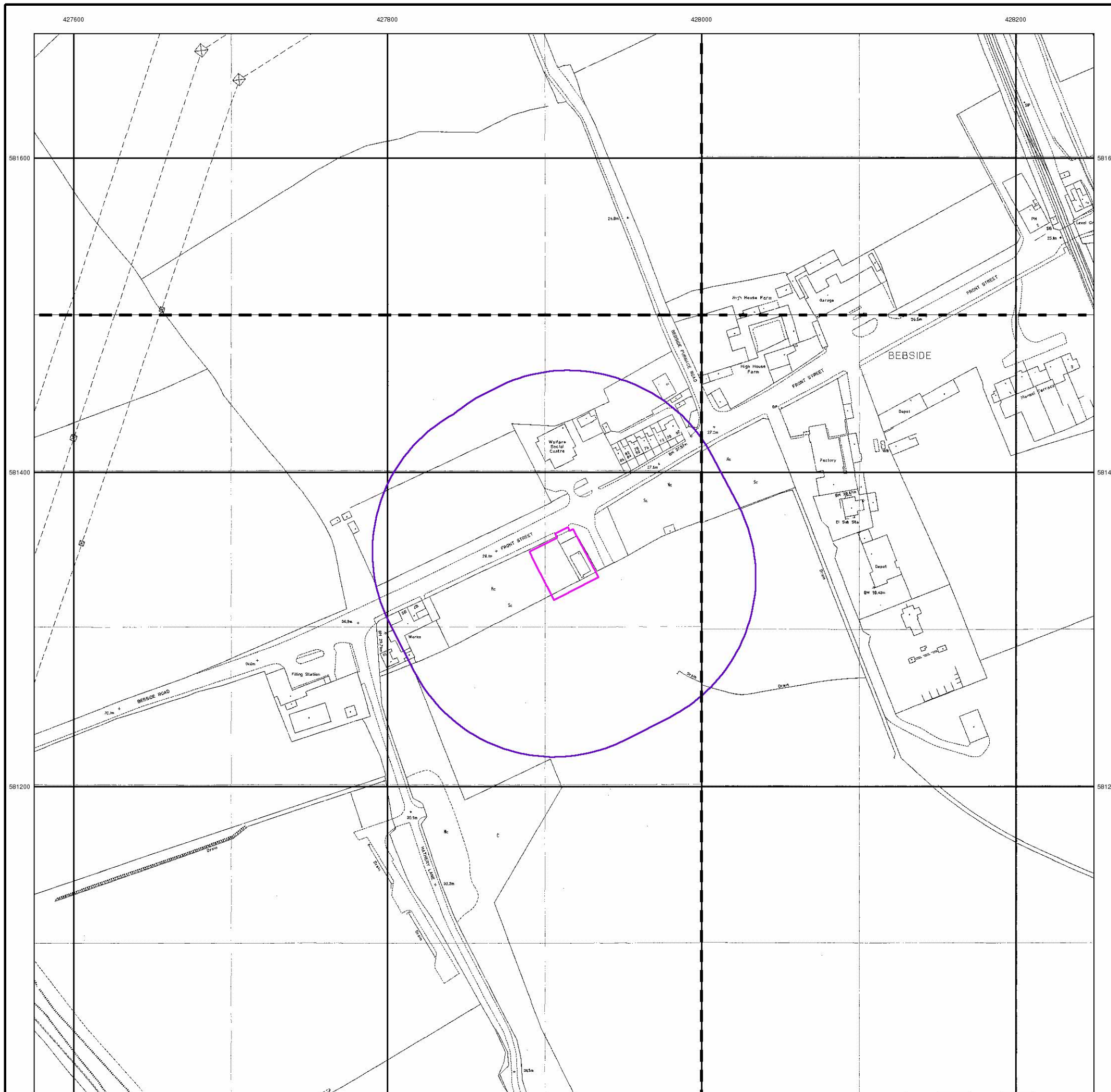


Order Details

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 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 100

Site Details

Site at 427910, 581350



APPENDIX 3

LANDMARK ENVIROCHECK REPORT

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

316380586_1_1

Customer Reference:

4295

National Grid Reference:

427910, 581340

Slice:

A

Site Area (Ha):

0.12

Search Buffer (m):

1000

Site Details:

Site at 427910, 581350

Client Details:

Ms L Ellis

FWS Consultants Ltd

Unit 2 City West Business Park

St Johns Road

Meadowfield Industrial Estate

Durham

County Durham

DH7 8ER

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	15
Hazardous Substances	-
Geological	19
Industrial Land Use	23
Sensitive Land Use	27
Data Currency	28
Data Suppliers	33
Useful Contacts	34

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2				13
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 5		2	1	3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature			Yes		
Pollution Incidents to Controlled Waters	pg 6			1	2
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 6				2
River Quality Biology Sampling Points	pg 7				1
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 7	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 7	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 7	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 8		12	1	50

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 15				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 15		3	1	3
Local Authority Landfill Coverage		2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 17				1
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 17		2	1	
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 19	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 19		6	5	3
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 21	Yes	n/a	n/a	n/a
Mining Instability	pg 21	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 21	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 21	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 21	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 23	1	24	3	15
Fuel Station Entries	pg 26			2	1
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 27				1
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 27				2
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas	pg 27				1
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (NE)	0	1	427912 581342
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	16	1	427950 581342
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	169	1	427912 581150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	169	1	427900 581150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	178	1	427850 581150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	197	1	427850 581550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	219	1	427912 581100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	236	1	427900 581600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	244	1	427850 581600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	261	1	428050 581100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	268	1	428200 581300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	269	1	427900 581050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	269	1	427912 581050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	308	1	427800 581650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	319	1	427912 581000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	322	1	427950 581000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	327	1	427600 581200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	335	1	427912 581700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	336	1	427900 581700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	369	1	427912 580950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	372	1	427950 580950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	374	1	427750 581700

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	A8NE (S)	422	1	427950 580900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	451	1	428150 581750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	454	1	427550 581650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SW)	484	1	427450 581150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17SE (NW)	489	1	427550 581700
1	Discharge Consents Operator: Uk Coal Plc., Property Type: Coal Extraction, Surface Location: Hathery Lane Occs Wta 1 Lagoons, Bebside, Blyth Authority: Environment Agency, North East Region Catchment Area: Blyth/Pont Reference: 226/1082 Permit Version: 1 Effective Date: 31st July 1996 Issued Date: 26th November 1995 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Saline Estuary Environment: Receiving Water: Blyth Estuary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	621	2	428430 580960
2	Discharge Consents Operator: Uk Coal Plc., Property Type: Coal Extraction, Surface Location: Hathery Lane Occs Wta 1 Lagoons, Bebside, Blyth Authority: Environment Agency, North East Region Catchment Area: Blyth/Pont Reference: 226/1082 Permit Version: 1 Effective Date: 31st July 1996 Issued Date: 26th November 1995 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Saline Estuary Environment: Receiving Water: Blyth Estuary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	775	2	428420 580730
3	Discharge Consents Operator: J And A J Maxwell Property Type: Undefined Or Other Location: Riverside Farm, BEBSIDE Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 226/1134 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Septic tank Discharge: Freshwater Estuary Environment: Receiving Water: Blyth Estuary Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NE (N)	889	2	428205 582205

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Ltd Property Type: Undefined Or Other Location: Bank Top Cso, BEDLINGTON Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 226/1092 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm sewage overflow discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Blyth Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	890	2	427785 582245
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Bank Top Cso, Stone House, Bank Top, Bedlington, Ne22 5ln Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 226/1181 Permit Version: 1 Effective Date: 14th August 2000 Issued Date: 14th August 2000 Revocation Date: 16th September 2019 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Blyth Status: Consent without application (Water Resources Act 1991, Schedule 10) Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	896	2	427780 582250
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Bank Top Cso, Stone House, Bank Top, Bedlington, Ne22 5ln Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 226/1092 Permit Version: 1 Effective Date: 6th May 1996 Issued Date: 6th February 1996 Revocation Date: 13th August 2000 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Blyth Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	896	2	427780 582250
4	<p>Discharge Consents</p> <p>Operator: Redundant - Northumbrian Water Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Bank Top Cso, Stone House, Bank Top, Bedlington, Ne22 5ln Authority: Environment Agency, North East Region Catchment Area: Blyth/Pont Reference: 226/0905 Permit Version: 1 Effective Date: 21st September 1989 Issued Date: 21st September 1989 Revocation Date: 6th February 1996 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Blyth Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	896	2	427780 582250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Bank Top Cso, Stone House, Bank Top, Bedlington, Ne22 5ln Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 226/1181 Permit Version: 2 Effective Date: 17th September 2019 Issued Date: 17th September 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Blyth Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	904	2	427783 582259
5	<p>Discharge Consents</p> <p>Operator: J And A J Maxwell Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Riverside Farm, Bebside, Blyth, Northumberland Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 226/1134 Permit Version: 1 Effective Date: 22nd April 1997 Issued Date: 22nd April 1997 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Blyth Estuary 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</p>	A18NE (N)	892	2	428200 582210
5	<p>Discharge Consents</p> <p>Operator: J And A J Maxwell Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Riverside Farm, Bebside, Blyth, Northumberland Authority: Environment Agency, North East Region Catchment Area: Blyth/Pont Reference: 226/0985 Permit Version: 1 Effective Date: 13th May 1992 Issued Date: 13th May 1992 Revocation Date: 30th September 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Blyth Estuary Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	892	2	428200 582210
5	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Bedside Cso Adjacent To Garage, Front Street, Bedside, Blyth, Ne24 4hw Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 226/1206 Permit Version: 2 Effective Date: 8th February 2019 Issued Date: 8th February 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Blyth Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	934	2	428180 582260

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Bedside Cso Adjacent To Garage, Front Street, Bedside, Blyth, Ne24 4hw Authority: Environment Agency, North East Region Catchment Area: Not Supplied Reference: 226/1206 Permit Version: 1 Effective Date: 19th March 2002 Issued Date: 19th March 2002 Revocation Date: 7th February 2019 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Blyth Status: Consent without application (Water Resources Act 1991, Schedule 10) Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	934	2	428180 582260
5	<p>Discharge Consents</p> <p>Operator: Northumbrian Water Limited Property Type: CSO ON UNADOPTED SEWERAGE NETWORK (NOT WATER COMPANY) Location: Blyth Sewage System, Bebside, Blyth, Northumberland Authority: Environment Agency, North East Region Catchment Area: Blyth/Pont Reference: 226/B/0111 Permit Version: 1 Effective Date: 21st March 1969 Issued Date: 21st March 1969 Revocation Date: 19th March 2002 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: Blyth Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	940	2	428200 582260
6	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Lafarge Tarmac Ltd (Bebside) Location: Horton Grange Colliery Yard, Bebside, BLYTH, Northumberland, NE24 4HS Authority: Northumberland Council, Environmental Health Department Permit Reference: EPSE14/142 Dated: 14th August 2012 Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A13SE (E)	200	3	428131 581300
7	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Vulcan Garage Location: Front Street, Bebside, BLYTH, Northumberland, NE24 Authority: Northumberland Council, Environmental Health Department Permit Reference: NOT GIVEN Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NE (NE)	226	3	428109 581484
8	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Station Garage (Bebside) Location: Front Street, Bebside, Blyth, NE24 4HN Authority: Northumberland Council, Environmental Health Department Permit Reference: BV101-PG1/14 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</p>	A14NW (NE)	427	3	428272 581602
9	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Quayside Joinery Location: 24 Ulswater Close, Kitty Brewster, Blyth, NE24 Authority: Northumberland Council, Environmental Health Department Permit Reference: BV17-PG6/23 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/2 Manufacture of timber and wood-based products Status: Application Not Yet Authorised Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	650	3	428400 581800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Asda Stores (Blyth) Location: Cowpen Road, BLYTH, Northumberland, NE24 4LZ Authority: Northumberland Council, Environmental Health Department Permit Reference: EPSE09/012 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location</p>	A14SE (E)	676	3	428610 581323
11	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Draegersafety Uk Ltd Location: Ullswater Close, Blyth Riverside Business Park, Ne24 4rg Authority: Northumberland Council, Environmental Health Department Permit Reference: EPSE14/155 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/23 Coating of metal and plastic Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A19SW (NE)	703	3	428376 581897
	<p>Nearest Surface Water Feature</p>	A13SE (SE)	81	-	427985 581272
12	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Construction Location: BEDLINGTON Authority: Environment Agency, North East Region Pollutant: Oils - Other Fuel Oil Note: No Fish Killed Incident Date: 23rd May 1995 Incident Reference: NN950089 Catchment Area: Blyth Receiving Water: Saline Estuary Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A14NW (E)	402	2	428300 581500
13	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Unknown Location: BEBSIDE Authority: Environment Agency, North East Region Pollutant: Not Given Note: Blyth Incident Date: 23rd July 1991 Incident Reference: 226/000760 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	671	2	427700 582000
14	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Surface Water Sewers Location: BEDLINGTON Authority: Environment Agency, North East Region Pollutant: Not Given Note: Blyth Tributary Incident Date: 3rd October 1991 Incident Reference: 226/000890 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Private Surface Water Overflow Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A18SW (NW)	709	2	427600 582000
	<p>River Quality</p> <p>Name: Blyth GQA Grade: River Quality B Reach: East_Hartford_Tidal_Limi Estimated Distance (km): 3.5 Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000</p>	A17SE (NW)	603	2	427536 581837

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Not Supplied GQA Grade: Unclassified Tidal River Reach: Not Supplied Estimated Distance (km): Not Supplied Flow Rate: Not Supplied Flow Type: Not Supplied Year: 1995	A17SE (NW)	603	2	427536 581837
15	River Quality Biology Sampling Points Name: Blyth Reach: East Hartford To Tidal Limit Estimated Distance: 3.50 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade D - Fair 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 B - Good	A17SE (NW)	645	2	427570 581910
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: Low	A13SW (NE)	0	4	427912 581342
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (NE)	0	4	427912 581342
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (NE)	0	4	427912 581342
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A13SE (E)	81	5	427985 581272
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A13NE (E)	98	5	428022 581376
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A13NE (E)	132	5	428057 581382
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A13NE (E)	133	5	428059 581377
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A13SW (SW)	160	5	427798 581202
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 201.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A13SW (SW)	180	5	427776 581195
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A13SW (SW)	180	5	427776 581195
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A13SE (E)	182	5	428104 581269
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A13SW (SW)	191	5	427783 581173

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A13SW (SW)	197	5	427788 581162
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A13SW (SW)	210	5	427802 581137
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A13SW (SW)	221	5	427813 581119
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 309.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A13SE (SE)	385	5	428166 581027
29	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 583.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A18SW (NW)	632	5	427604 581916
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A18SW (NW)	633	5	427596 581912
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 2	A17SE (NW)	657	5	427533 581901
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	657	5	427533 581901
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 256.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A8NE (SE)	662	5	428195 580724

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	664	5	427517 581898
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 2	A17SE (NW)	664	5	427517 581898
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 2	A17SE (NW)	679	5	427507 581910
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	689	5	427485 581906
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	694	5	427474 581904
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	696	5	427479 581910
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 2	A17SE (NW)	702	5	427461 581905
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	702	5	427461 581905
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	706	5	427456 581905

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 2	A17SE (NW)	706	5	427456 581905
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	708	5	427467 581917
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	717	5	427456 581919
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	725	5	427424 581904
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 2	A17SE (NW)	725	5	427424 581904
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	738	5	427426 581923
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	738	5	427426 581923
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 167.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	741	5	427419 581921
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	742	5	427343 581849

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 15.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	761	5	427331 581865
53	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	775	5	427316 581869
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	781	5	427282 581839
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 671.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A14SE (E)	781	5	428688 581132
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	782	5	427309 581872
57	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 25.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	789	5	427300 581873
58	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	800	5	427277 581862
59	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	803	5	427276 581866
60	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 31.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	805	5	427271 581864

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	805	5	427271 581864
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 280.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A9NE (SE)	827	5	428611 580859
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A9NE (SE)	827	5	428614 580864
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A17SE (NW)	834	5	427258 581893
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 411.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A8SE (S)	847	5	428217 580532
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A17SW (NW)	863	5	427191 581856
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A17SW (NW)	863	5	427191 581856
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A9SW (SE)	873	5	428455 580633
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 131.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A14NE (E)	883	5	428800 581505

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A19NW (NE)	899	5	428279 582187
71	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 105.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A18NE (N)	928	5	427947 582292
72	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 12.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A18NE (N)	960	5	428049 582315
73	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 254.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A18NE (N)	960	5	428049 582315
74	OS Water Network Lines Watercourse Form: Foreshore Watercourse Length: 9.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A18NE (N)	969	5	428042 582325
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A18NE (N)	975	5	428036 582332
76	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 1028.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Blyth Catchment Name: Pont and Blyth Primacy: 1	A19NW (NE)	985	5	428298 582272
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A18NE (N)	987	5	428038 582343
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Pont and Blyth Primacy: 1	A18NE (N)	996	5	428034 582354

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	<p>Historical Landfill Sites</p> <p>Licence Holder: Not Supplied Location: Bedlington, Northumberland Name: Furnace Bank Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD06494 First Input Date: Not Supplied Last Input Date: 31st December 1950 Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 2900/0182 BGS Ref: Not Supplied Other Ref: PC 001</p>	A18SW (NW)	594	2	427614 581876
80	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 100375 Location: Land / Premises At, Hathery Lane, Bebside, Blyth, Northumberland, NE24 4HN Operator Name: Suez Recycling And Recovery U K Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Household Waste Amenity Sites Licence Status: Modified Issued: 18th June 2008 Last Modified: 30th June 2016 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	10	2	427926 581369
81	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 67394 Location: Bebside Civic Amenity Site, Hathery Lane, Bebside, Blyth, Northumberland, NE24 Operator Name: Northumberland Waste Management Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Household Waste Amenity Sites Licence Status: Surrendered Issued: 28th July 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 30th September 2003 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	89	2	427850 581250
82	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 64054 Location: Hathery Lane, Bebside, Blyth, Northumberland, NE24 4HN Operator Name: Sita North East Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Household Waste Amenity Sites Licence Status: Surrendered Issued: 29th September 2003 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 18th June 2008 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	140	2	427811 581217

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 67372 Location: Front Street, Bebside, Blyth, Northumberland Operator Name: Blyth Sand & Gravel Co Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Surrendered Issued: 4th January 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 19th January 1994 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13SE (E)	268	2	428200 581300
84	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 400277 Location: Unit 12, Ennerdale Road, Riverside Business Park, Blyth, Northumberland, NE24 4RT Operator Name: Recycle I T Europe Limited Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: WEEE treatment facility Licence Status: Expired Issued: 12th August 2013 Last Modified: Not Supplied Expires: 2nd December 2014 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	948	2	428629 581991
85	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 407600 Location: Unit 6, Ennerdale Road, Blyth, Northumberland, NE24 4RT Operator Name: R B Groundworks And Fencing Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Inert & Excavation Waste TS Licence Status: Issued Issued: 2nd July 2021 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	982	2	428500 582154
86	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 402248 Location: 10 Ennerdale Road, Blyth Riverside Bus Park, Blyth, Northumberland, NE24 4RT Operator Name: S A Waste & Groundworks Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Treatment of waste to produce soil <75,000 tpy Licence Status: Transferred Issued: 25th August 2015 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A19NE (NE)	997	2	428594 582096
	<p>Local Authority Landfill Coverage</p> <p>Name: Northumberland County Council - Has supplied landfill data</p>		0	6	427912 581342
	<p>Local Authority Landfill Coverage</p> <p>Name: Blyth Valley Borough Council - Has no landfill data to supply</p>		0	7	427912 581342
	<p>Local Authority Landfill Coverage</p> <p>Name: Wansbeck District Council - Has supplied landfill data</p>		623	8	427622 581915

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Furnace Bank Reference: PC1 Authority: Northumberland County Council (now part of Northumberland Council) Last Reported Status: Closed Types of Waste: Not Supplied Date of Closure: 31/12/1950 Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate</p>	A18SW (NW)	715	6	427594 582003
88	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Northumberland Waste Management Ltd Licence Reference: NBL 138 Site Location: Bebside Civic Amenity Site, Huthery Lane, Bebside, Blyth, Northumberland Operator Location: Chainbridge Road, Blaydon Haugh Estate, Blaydon, GATESHEAD, Tyne and Wear, NE21 5TA Authority: Environment Agency - North East Region, Northumbria Area Site Category: Civic Amenity Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Site dormant Dated: 28th July 1993 Preceded By: R 50 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste Prohibited Waste</p>	A13SW (SW)	89	2	427850 581250
88	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Northumberland C.C. Licence Reference: R 50 Site Location: Bebside Civic Amenity, Bebside, Blyth, Northumberland Operator Location: County Hall, MORPETH, Northumberland, NE61 2EF Authority: Environment Agency - North East Region, Northumbria Area Site Category: Civic Amenity Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st January 1992 Preceded By: Not Given Licence: Superseded By: NBL 138 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste Prohibited Waste</p>	A13SW (SW)	89	2	427850 581250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Easyweight Ltd Licence Reference: Nbl 116 (N116) Site Location: Old Horton Grange Colliery, Front Street, Bebside, Blyth, Northumberland Operator Location: 1 Errington Street, Bebside, BLYTH, Northumberland, NE24 4HP Authority: Environment Agency - North East Region, Northumbria Area Site Category: Transfer Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence known to be surrenderedSurrendered Dated: 4th January 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste: Construction And Demolition Wastes Excavation Waste Ind. Non-Haz. Inert, Non-Flammable Plastic Waste Prohibited Waste: Liable To Cause Environmental Hazards Poisonous, Noxious, Polluting Wastes Special Wastes</p>	A13SE (E)	268	2	428200 581300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)	A13SW (NE)	0	1	427912 581342
90	BGS Recorded Mineral Sites Site Name: Bebside Colliery 'A' Pit Shaft Location: Bebside, Blyth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 223986 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	105	1	427977 581450
91	BGS Recorded Mineral Sites Site Name: Bebside Colliery 'A' Pit Shaft Location: Bebside, Blyth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 223985 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	119	1	428032 581403
92	BGS Recorded Mineral Sites Site Name: Horton Grange A Pit Upcast Shaft Location: Bebside, Blyth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 223983 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	141	1	428063 581277
93	BGS Recorded Mineral Sites Site Name: Bebside Colliery 'A' Pit Shaft Location: Bebside, Blyth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 223987 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	165	1	428012 581499
94	BGS Recorded Mineral Sites Site Name: Bebside Colliery Pit Location: Bebside, Blyth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 223990 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	209	1	427729 581209

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Horton Grange A Pit Shaft Location: Bebside, Blyth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 223982 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A13NE (E)	225	1	428158 581347
95	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Horton Grange A Colliery Location: Bebside, Blyth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 5144 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A13NE (E)	251	1	428183 581362
96	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Bebside Colliery 'A' Pit Shaft Location: Bebside, Blyth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 223984 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A13SE (E)	252	1	428180 581279
97	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Bebside Colliery Pit Location: Bebside, Blyth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 223989 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	267	1	427679 581180
98	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Bebside Colliery Pit Location: Bebside, Blyth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 223991 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	347	1	427649 581087
99	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Bebside Colliery Pit Location: Bebside, Blyth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 223988 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	372	1	427580 581140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	BGS Recorded Mineral Sites Site Name: Bebside Occs Location: Bebside, Blyth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 5206 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	574	1	428310 580900
101	BGS Recorded Mineral Sites Site Name: Furnace Road Occs Location: Bebside, Blyth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 5219 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 100m	A18SW (N)	636	1	427900 582000
102	BGS Recorded Mineral Sites Site Name: Cowpen Road Occs Location: Cowpen, Blyth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 3422 Type: Opencast Status: Ceased Operator: Milehouse Dent Ltd Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m	A14NW (E)	642	1	428575 581365
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SW (NE)	0	9	427912 581342
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (NE)	0	-	427912 581342
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	427912 581342
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	427912 581342
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	427912 581342
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	427912 581342
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	157	1	427961 581172
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	427912 581342
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	427912 581342

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Radon Potential - Radon Affected Areas</p> <p>Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13SW (NE)	0	1	427912 581342
	<p>Radon Potential - Radon Protection Measures</p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13SW (NE)	0	1	427912 581342

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	Contemporary Trade Directory Entries Name: Paint 'N' Place Location: Old Chapel, Front Street, Blyth, NE24 4HW Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (E)	0	-	427920 581344
104	Contemporary Trade Directory Entries Name: T E Watson & Son Location: 111, Front Street, Blyth, Northumberland, NE24 4HN Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	112	-	427802 581278
104	Contemporary Trade Directory Entries Name: N D F Motors Location: 113b Front St, Blyth, Northumberland, NE24 4HN Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SW (W)	113	-	427786 581308
104	Contemporary Trade Directory Entries Name: B M L Location: 113b Front St, Blyth, Northumberland, NE24 4HN Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SW (W)	117	-	427782 581306
105	Contemporary Trade Directory Entries Name: R D Auto Colour Location: Front Street, Blyth, Northumberland, NE24 4HW Classification: Car Painters & Sprayers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A13NE (NE)	113	-	427994 581447
105	Contemporary Trade Directory Entries Name: Davenport Motor Co Location: Front St, Blyth, Northumberland, NE24 4HW Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	134	-	428028 581439
106	Contemporary Trade Directory Entries Name: Jet Petrol Station Location: Front Street, Blyth, Northumberland, NE24 4HN Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned within the geographical locality	A13SW (W)	148	-	427754 581293
106	Contemporary Trade Directory Entries Name: R & S Garage Location: 113b, Front Street, Blyth, Northumberland, NE24 4HN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	175	-	427750 581242
106	Contemporary Trade Directory Entries Name: R & S Garage Location: 113b, Front Street, Blyth, Northumberland, NE24 4HN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	175	-	427750 581242
106	Contemporary Trade Directory Entries Name: Ndf Motors Location: 113b, Front Street, BLYTH, Northumberland, NE24 4HN Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	175	-	427750 581242
106	Contemporary Trade Directory Entries Name: Bebside Auto Exchange Location: 113, Front Street, Blyth, NE24 4HN Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	179	-	427738 581256
106	Contemporary Trade Directory Entries Name: Haven Car Sales Ltd Location: 113, Front Street, Blyth, Northumberland, NE24 4HN Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	179	-	427738 581256

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	Contemporary Trade Directory Entries Name: Bebside Motors Ltd Location: 113, Front Street, Blyth, Northumberland, NE24 4HN Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	179	-	427738 581256
106	Contemporary Trade Directory Entries Name: Redburn Motor Company Location: 113, Front Street, Blyth, Northumberland, NE24 4HN Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	179	-	427738 581256
107	Contemporary Trade Directory Entries Name: Bebside Autos Location: 1, Errington Street, Blyth, Northumberland, NE24 4HP Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	161	-	428084 581392
107	Contemporary Trade Directory Entries Name: Sanderson'S Transport Location: 1, Errington Street, Blyth, Northumberland, NE24 4HP Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	161	-	428084 581392
107	Contemporary Trade Directory Entries Name: Blyth Motors Location: 3 Errington Street, Blyth, Northumberland, NE24 4HP Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	172	-	428106 581349
108	Contemporary Trade Directory Entries Name: Green Energy Generation Ltd Location: Front Street Bebside, Blyth, Northumberland, NE24 4HP Classification: Electricity Generating & Distributing Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	166	-	428056 581455
109	Contemporary Trade Directory Entries Name: Westbourne Motor Location: Front St, Blyth, Northumberland, NE24 4HW Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	191	-	428079 581466
109	Contemporary Trade Directory Entries Name: P C Bottlegas Location: Front St, Blyth, Northumberland, NE24 4HW Classification: Gas Suppliers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	199	-	428086 581470
109	Contemporary Trade Directory Entries Name: Kingsway M O T Centre Location: Front St, Blyth, Northumberland, NE24 4HW Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	202	-	428088 581472
109	Contemporary Trade Directory Entries Name: Bebside Motor Co Location: Front St, Blyth, Northumberland, NE24 4HW Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	220	-	428080 581512
109	Contemporary Trade Directory Entries Name: Bebside Car Sales Location: Front Street, Blyth, Northumberland, NE24 4HW Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	221	-	428080 581513
109	Contemporary Trade Directory Entries Name: Colour Match Location: Front Street, Blyth, Northumberland, NE24 4HW Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	221	-	428080 581513

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	Contemporary Trade Directory Entries Name: Bebside Garage Location: Front Street, Blyth, Northumberland, NE24 4HW Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	221	-	428080 581513
110	Contemporary Trade Directory Entries Name: A & B Car Body Repairs Location: Front Street, Blyth, NE24 4HW Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	422	-	428274 581591
110	Contemporary Trade Directory Entries Name: Station Garage Location: Station Garage, Front Street, Blyth, Northumberland, NE24 4HT Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	427	-	428272 581602
110	Contemporary Trade Directory Entries Name: Auto Select Location: Station Garage, Front Street, BLYTH, Northumberland, NE24 4HT Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	427	-	428272 581602
111	Contemporary Trade Directory Entries Name: Asda Petrol Location: Cowpen Road, Blyth, NE24 4LZ Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	565	-	428470 581510
111	Contemporary Trade Directory Entries Name: Infoto Photo Express Location: Cowpen Road, Blyth, Northumberland, NE24 4LZ Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	594	-	428507 581487
111	Contemporary Trade Directory Entries Name: Johnson Cleaners Uk Ltd Location: Cowpen Road, Blyth, Northumberland, NE24 4LZ Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	594	-	428507 581487
111	Contemporary Trade Directory Entries Name: Infoto Photo Express Location: Cowpen Road, Blyth, Northumberland, NE24 4LZ Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	594	-	428507 581487
112	Contemporary Trade Directory Entries Name: B J Location: 41, Beaumont Manor, Chase Farm Drive, Blyth, Northumberland, NE24 4LP Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	766	-	428624 581002
113	Contemporary Trade Directory Entries Name: Ability Cleaning Location: 15, Maple Crescent, Blyth, Northumberland, NE24 4JH Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	810	-	428635 581740
114	Contemporary Trade Directory Entries Name: Courtaulds Formalwear Location: Ennerdale Rd, Kitty Brewster Est, Blyth, Northumberland, NE24 4RT Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	813	-	428463 581966
114	Contemporary Trade Directory Entries Name: Stephenson Precision Location: 11, Ennerdale Road, Blyth Riverside Business Park, Blyth, NE24 4RT Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	837	-	428495 581970

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
115	Contemporary Trade Directory Entries Name: Fergusons International Location: Ennerdale Road, Kitty Brewster Estate, Blyth, Northumberland, NE24 4RD Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	825	-	428575 581863
116	Contemporary Trade Directory Entries Name: Halls Cleaners Location: 12, Highfield, Blyth, Northumberland, NE24 4ND Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	853	-	428774 581184
117	Contemporary Trade Directory Entries Name: Recycle It Europe Location: 12, Ennerdale Road, Blyth Riverside Business Park, Blyth, NE24 4RT Classification: Reclaiming - Waste Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	909	-	428578 581989
117	Contemporary Trade Directory Entries Name: J W Nickells European Transport & Storage Location: Unit 1 Ennerdale Road, Blyth Riverside Business Park, Blyth, Northumberland, NE24 4RT Classification: Road Haulage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A19SW (NE)	909	-	428578 581989
117	Contemporary Trade Directory Entries Name: Go Green Recycling Ltd Location: 12, Ennerdale Road, Blyth Riverside Business Park, Blyth, NE24 4RT Classification: Recycling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	909	-	428578 581989
118	Contemporary Trade Directory Entries Name: Volvo Truck & Bus Centre North & Scotland Location: Ennerdale Road, Blyth Riverside Business Park, Blyth, Northumberland, NE24 4RT Classification: Commercial Vehicle Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (NE)	960	-	428702 581918
119	Contemporary Trade Directory Entries Name: Sort Waste Solutions Ltd Location: 10, Ennerdale Road, Blyth Riverside Business Park, Blyth, NE24 4RT Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	982	-	428500 582154
120	Fuel Station Entries Name: Bebside Service Station Location: Front Street , Bebside , Blyth, Northumberland, NE24 4HT Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A13NE (NE)	354	-	428208 581567
121	Fuel Station Entries Name: Bebside Service Station Location: Front Street , Bebside , Blyth, Northumberland, NE24 4JD Brand: JET Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A14NW (NE)	427	-	428272 581602
122	Fuel Station Entries Name: Asda Blyth Location: Cowpen Road , Cowpen Industrial Estate, Blyth, Northumberland, NE24 4LZ Brand: ASDA Premises Type: Hypermarket Status: Open Positional Accuracy: Manually positioned to the address or location	A14SE (E)	675	-	428609 581323

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	Ancient Woodland Name: Bebside Wood Reference: 1101607 Area(m ²): 77567.21 Type: Ancient and Semi-Natural Woodland	A18SW (NW)	568	10	427607 581843
124	Local Nature Reserves Name: Hapenny Woods Multiple Area: N Area (m2): 26917.32 Source: Natural England Designation Date: 15th December 2003	A18SW (NW)	568	10	427607 581843
125	Local Nature Reserves Name: Bedlington Country Park Multiple Area: Y Area (m2): 549846.74 Source: Natural England Designation Date: 27th April 2006	A18SW (NW)	639	10	427604 581923
126	Special Protection Areas Name: Northumberland Marine Multiple Areas: N Total Area (m2): 884986606.57 Source: Natural England Reference: UK9020325 Designation Date: Not Supplied	A18SW (NW)	623	10	427622 581915

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Northumberland Council - Environmental Health Department Environment Agency - Head Office Wansbeck District Council (now part of Northumberland Council) - Environmental Health Department Blyth Valley Borough Council (now part of Northumberland Council) - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	January 2020 June 2020 September 2017 September 2017 September 2017	Annually Annually Not Applicable
Discharge Consents Environment Agency - North East Region	July 2023	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	
Integrated Pollution Controls Environment Agency - North East Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North East Region	January 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control Blyth Valley Borough Council (now part of Northumberland Council) - Environmental Health Department Wansbeck District Council (now part of Northumberland Council) - Economic and Environment Services Northumberland Council - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	December 2008 May 2009 May 2014 September 2008	Not Applicable Not Applicable Variable Not Applicable
Local Authority Pollution Prevention and Controls Blyth Valley Borough Council (now part of Northumberland Council) - Environmental Health Department Wansbeck District Council (now part of Northumberland Council) - Economic and Environment Services Northumberland Council - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	December 2008 May 2009 May 2014 September 2008	Not Applicable Not Applicable Annually Not Applicable
Local Authority Pollution Prevention and Control Enforcements Blyth Valley Borough Council (now part of Northumberland Council) - Environmental Health Department Wansbeck District Council (now part of Northumberland Council) - Economic and Environment Services Northumberland Council - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	December 2008 May 2009 May 2014 September 2008	Not Applicable Not Applicable Variable Not Applicable
Nearest Surface Water Feature Ordnance Survey	July 2023	
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - North East Region	March 2013	
Registered Radioactive Substances Environment Agency - North East Region Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	








Agency & Hydrological	Version	Update Cycle
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	July 2023 July 2023	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	April 2023	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2023	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	July 2023	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	July 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	July 2023 July 2023	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	January 2023 January 2023	Quarterly Quarterly
Local Authority Landfill Coverage Blyth Valley Borough Council (now part of Northumberland Council) - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department Northumberland County Council (now part of Northumberland Council) Wansbeck District Council (now part of Northumberland Council) - Economic and Environment Services	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Blyth Valley Borough Council (now part of Northumberland Council) - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department Northumberland County Council (now part of Northumberland Council) Wansbeck District Council (now part of Northumberland Council) - Economic and Environment Services	October 2018 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Wansbeck District Council (now part of Northumberland Council) Northumberland Council - Planning Department Northumberland County Council (now part of Northumberland Council) - Minerals Waste and Development Control Blyth Valley Borough Council (now part of Northumberland Council)	August 2009 February 2009 May 2023 October 2008 October 2008	Not Applicable Not Applicable Variable Annual Rolling Update Not Applicable
Planning Hazardous Substance Consents Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Wansbeck District Council (now part of Northumberland Council) Northumberland County Council (now part of Northumberland Council) - Minerals Waste and Development Control Blyth Valley Borough Council (now part of Northumberland Council) Northumberland Council - Planning Department	August 2009 February 2009 October 2008 October 2008 October 2015	Not Applicable Not Applicable Annual Rolling Update Not Applicable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	September 2022	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	September 2022	Annually

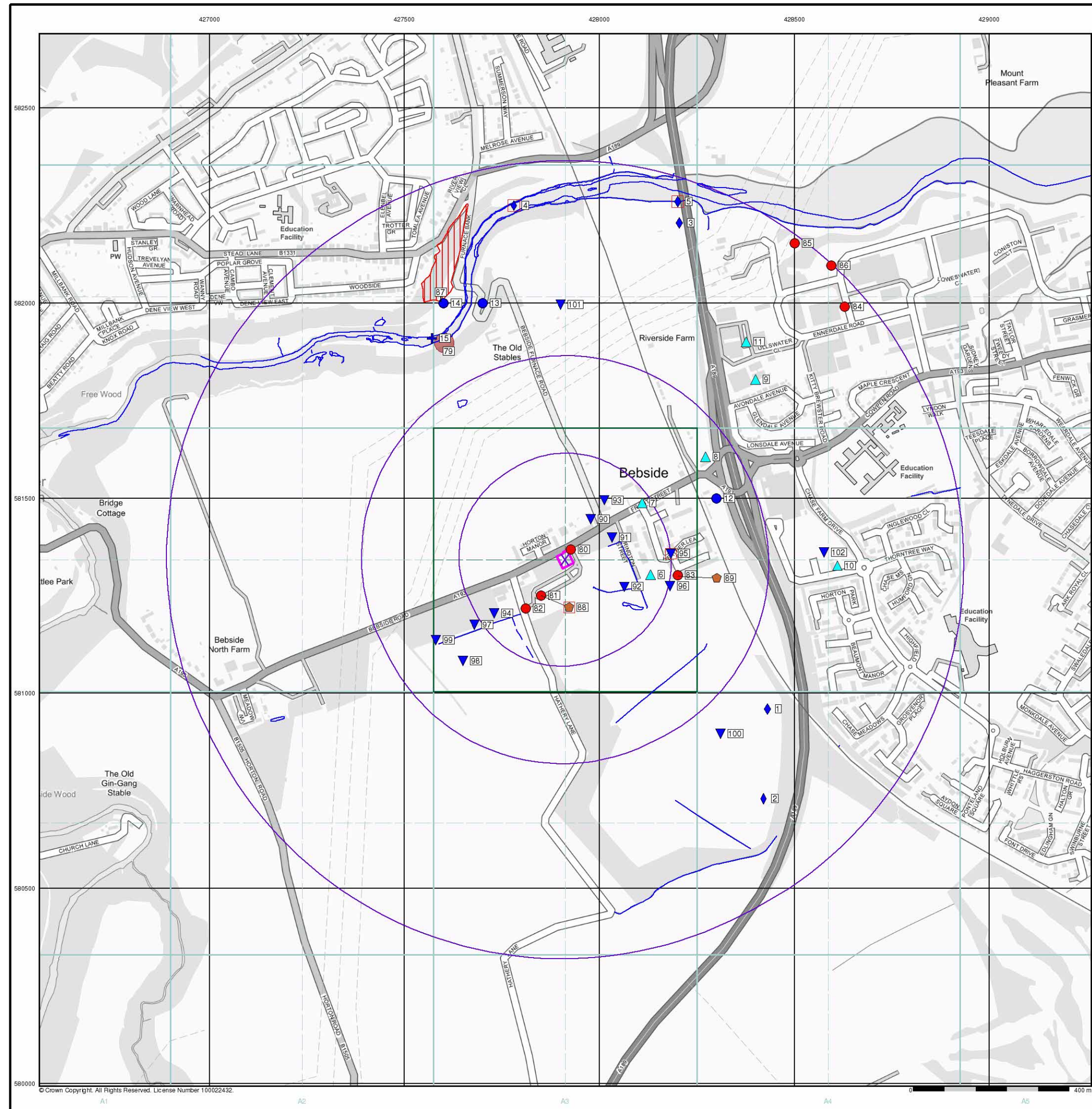
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Underground Electrical Cables National Grid	February 2023	Bi-Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2023	Bi-Annually
Areas of Adopted Green Belt Blyth Valley Borough Council (now part of Northumberland Council) Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Northumberland Council - Planning Department Wansbeck District Council (now part of Northumberland Council)	August 2023 August 2023 August 2023 August 2023	Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Blyth Valley Borough Council (now part of Northumberland Council) Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Northumberland Council - Planning Department Wansbeck District Council (now part of Northumberland Council)	August 2023 August 2023 August 2023 August 2023	Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	April 2023	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	August 2023	Bi-Annually
Marine Nature Reserves Natural England	April 2023	Bi-Annually
National Nature Reserves Natural England	February 2023	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 March 2023	Bi-Annually
Ramsar Sites Natural England	March 2023	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2023	Bi-Annually
Special Areas of Conservation Natural England	April 2023	Bi-Annually
Special Protection Areas Natural England	April 2023	Bi-Annually

A selection of organisations who provide data within this report

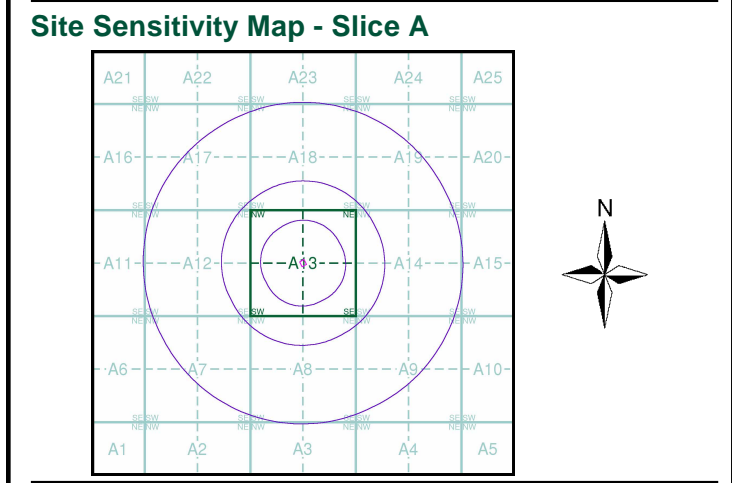
Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Northumberland Council - Environmental Health Department County Hall, Morpeth, Northumberland, NE61 2EF	Telephone: 0845 600 6400 Email: ask@northumberland.gov.uk Website: www.northumberland.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Northumberland County Council (now part of Northumberland Council) County Hall, Morpeth, Northumberland, NE61 2EF	Telephone: 01670 533000 Fax: 01670 534160 Website: www.northumberland.gov.uk
7	Blyth Valley Borough Council (now part of Northumberland Council) - Environmental Health Department County Hall, Morpeth, Northumberland, NE51 2EF	Telephone: 0845 600 6400 Website: www.northumberland.gov.uk
8	Wansbeck District Council (now part of Northumberland Council) - Economic and Environment Services County Hall, Morpeth, Northumberland, NE61 2EF	Telephone: 0846 600 6400 Website: www.northumberland.gov.uk
9	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
10	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



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



Order Details






Order Number: 316380586_1_1
 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details





Site at 427910, 581350

Industrial Land Use Map

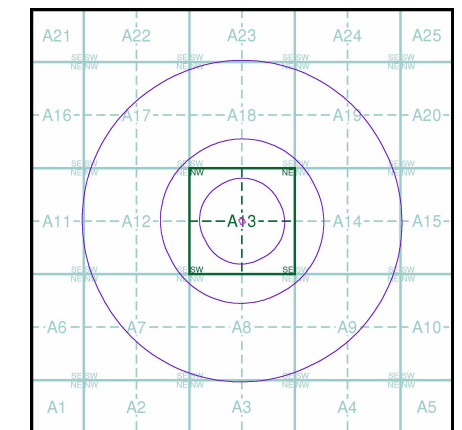
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A

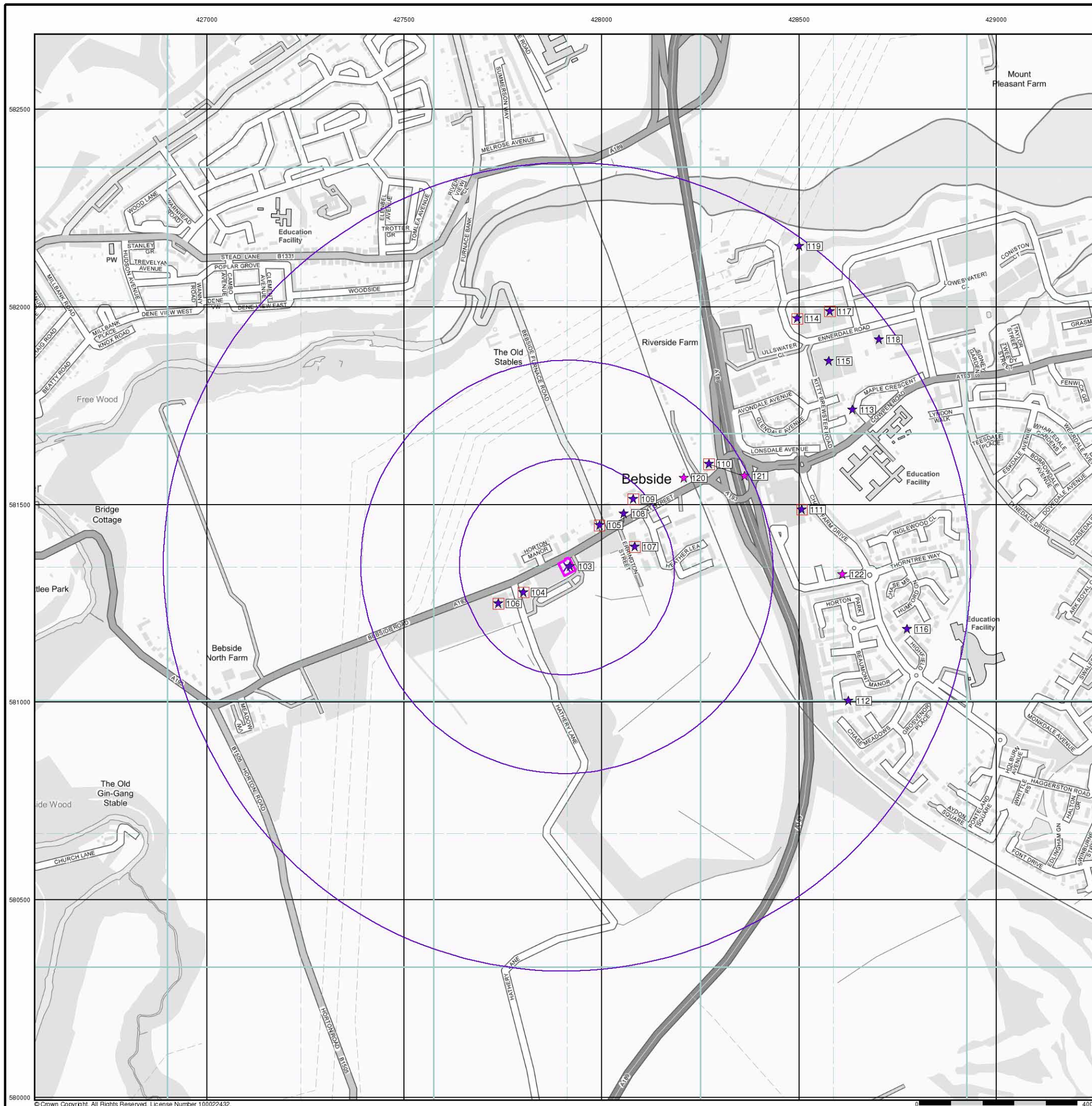


Order Details

Order Number: 316380586_1_1
 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Site at 427910, 581350








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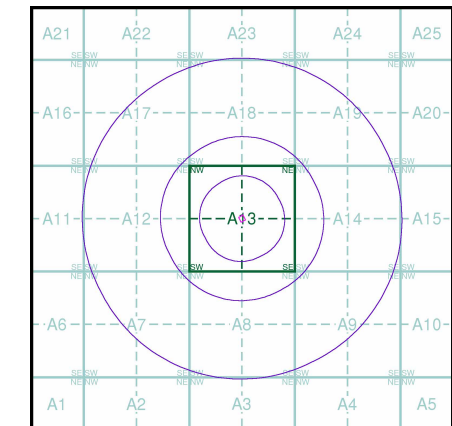
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A

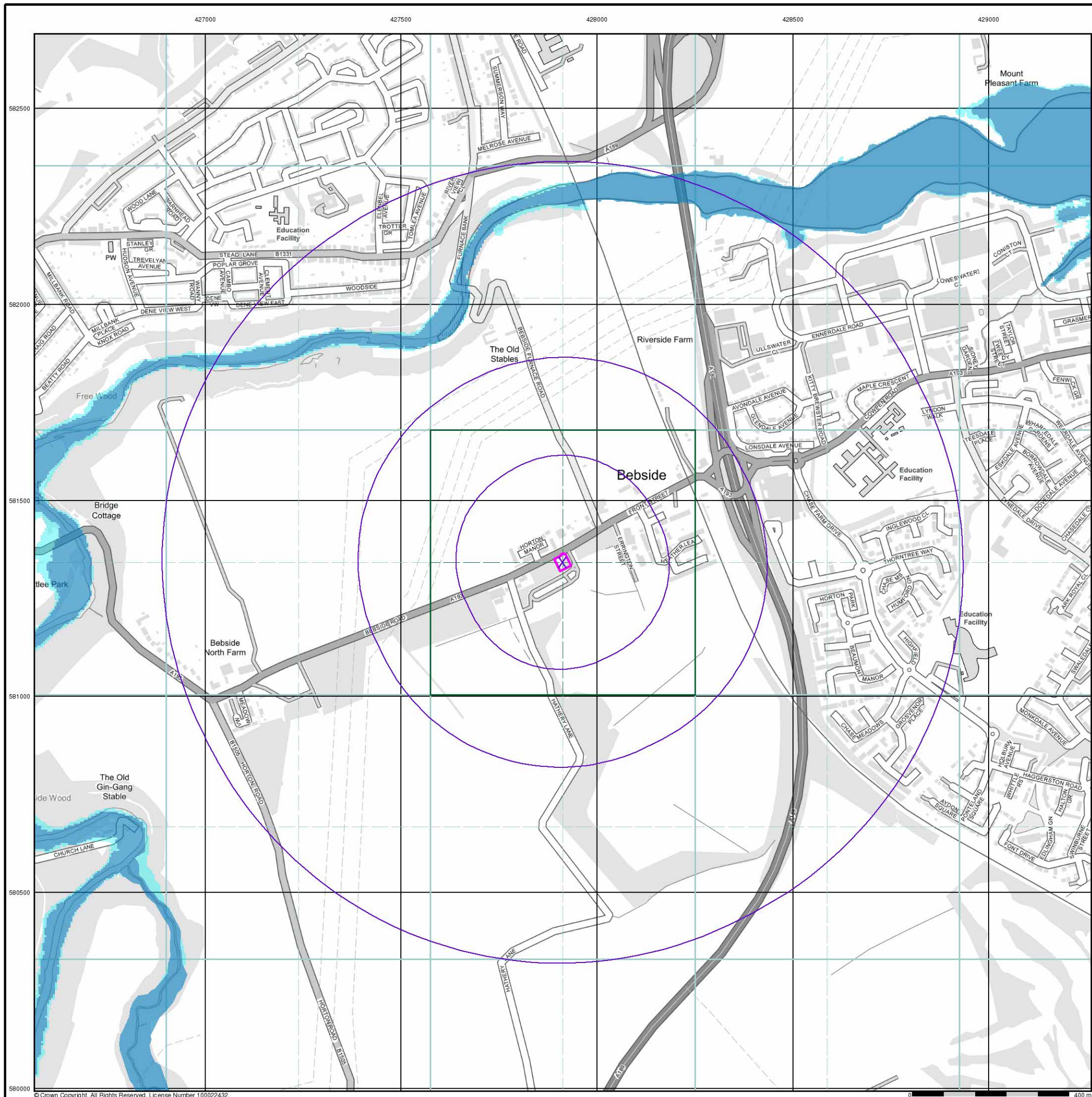


Order Details

Order Number: 316380586_1_1
 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Site at 427910, 581350



General

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

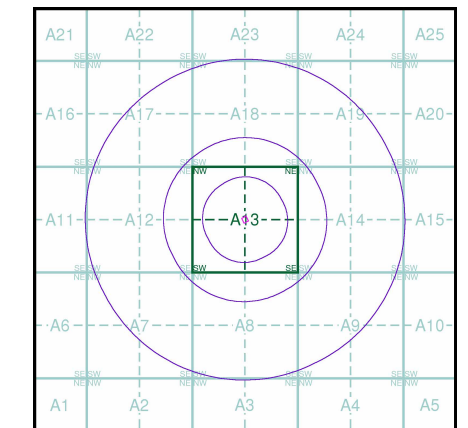
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A

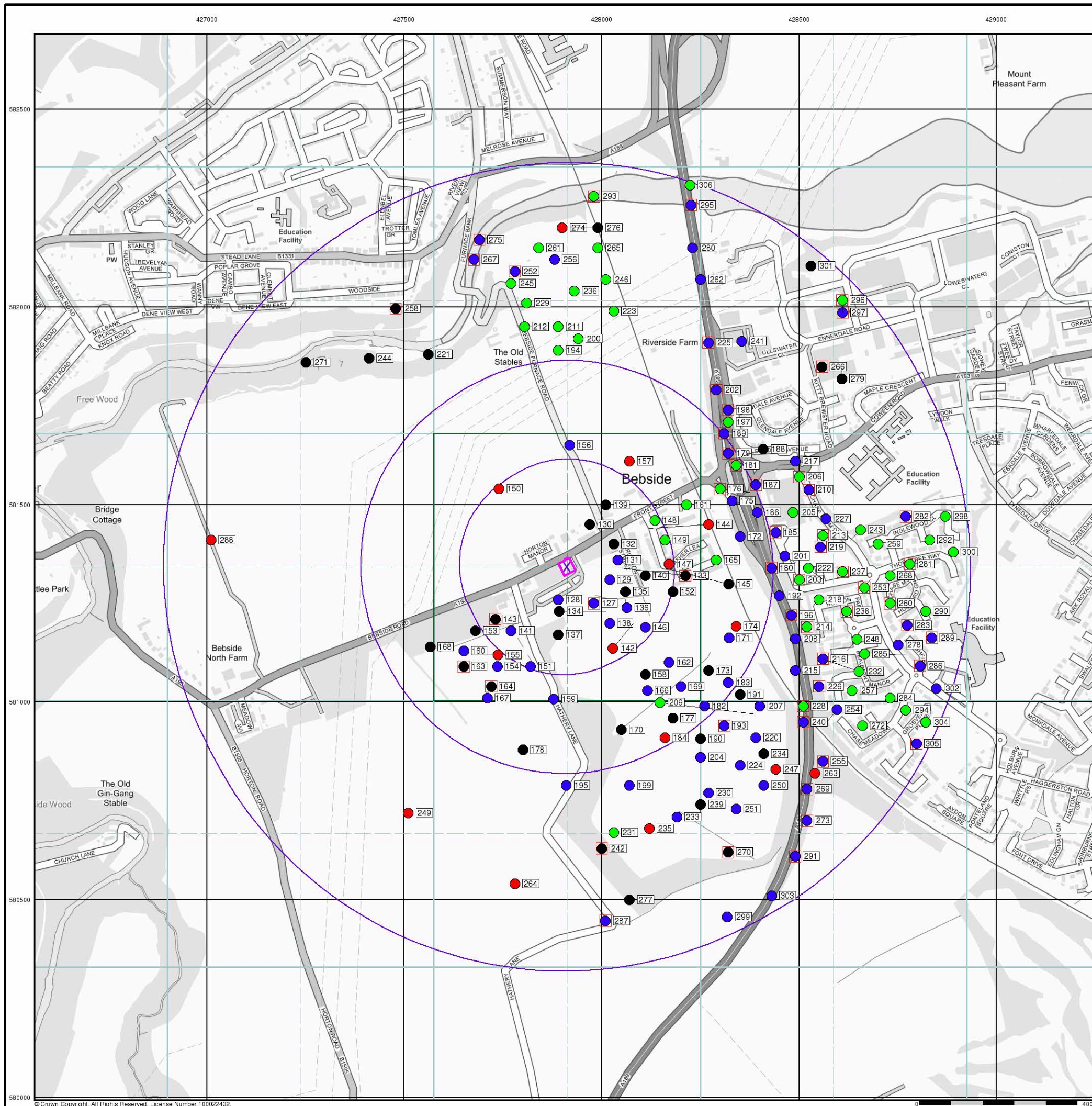


Order Details

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 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Site at 427910, 581350



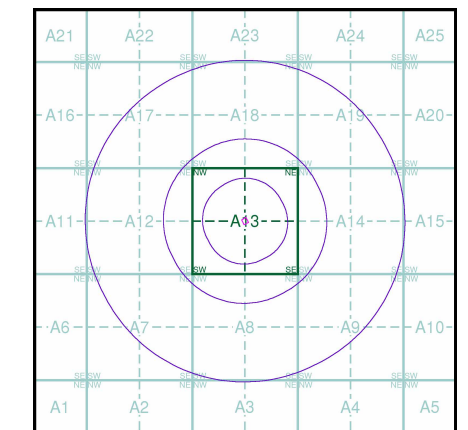
General

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

OS Water Network Data

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

OS Water Network Map - Slice A

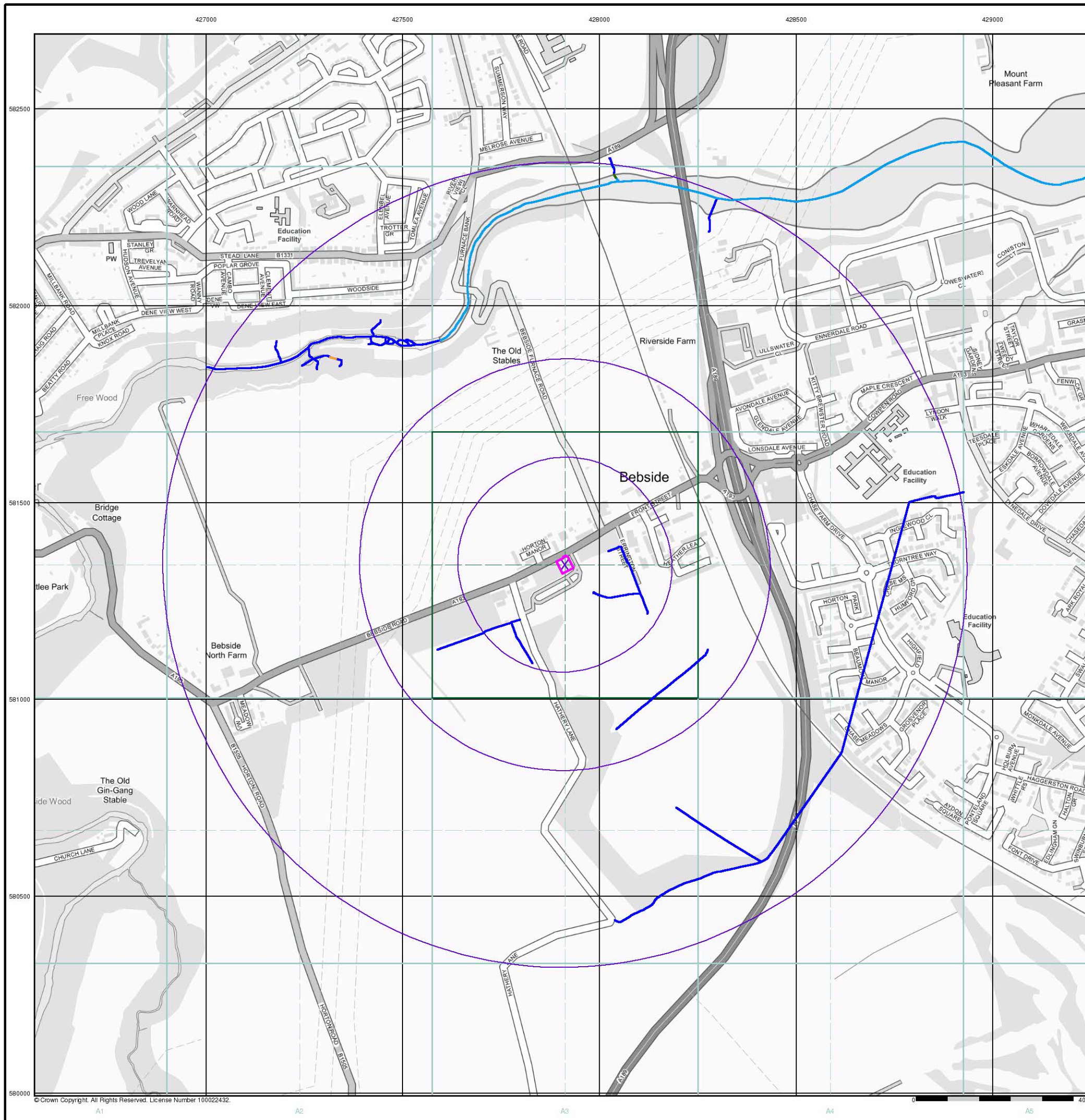


Order Details

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 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

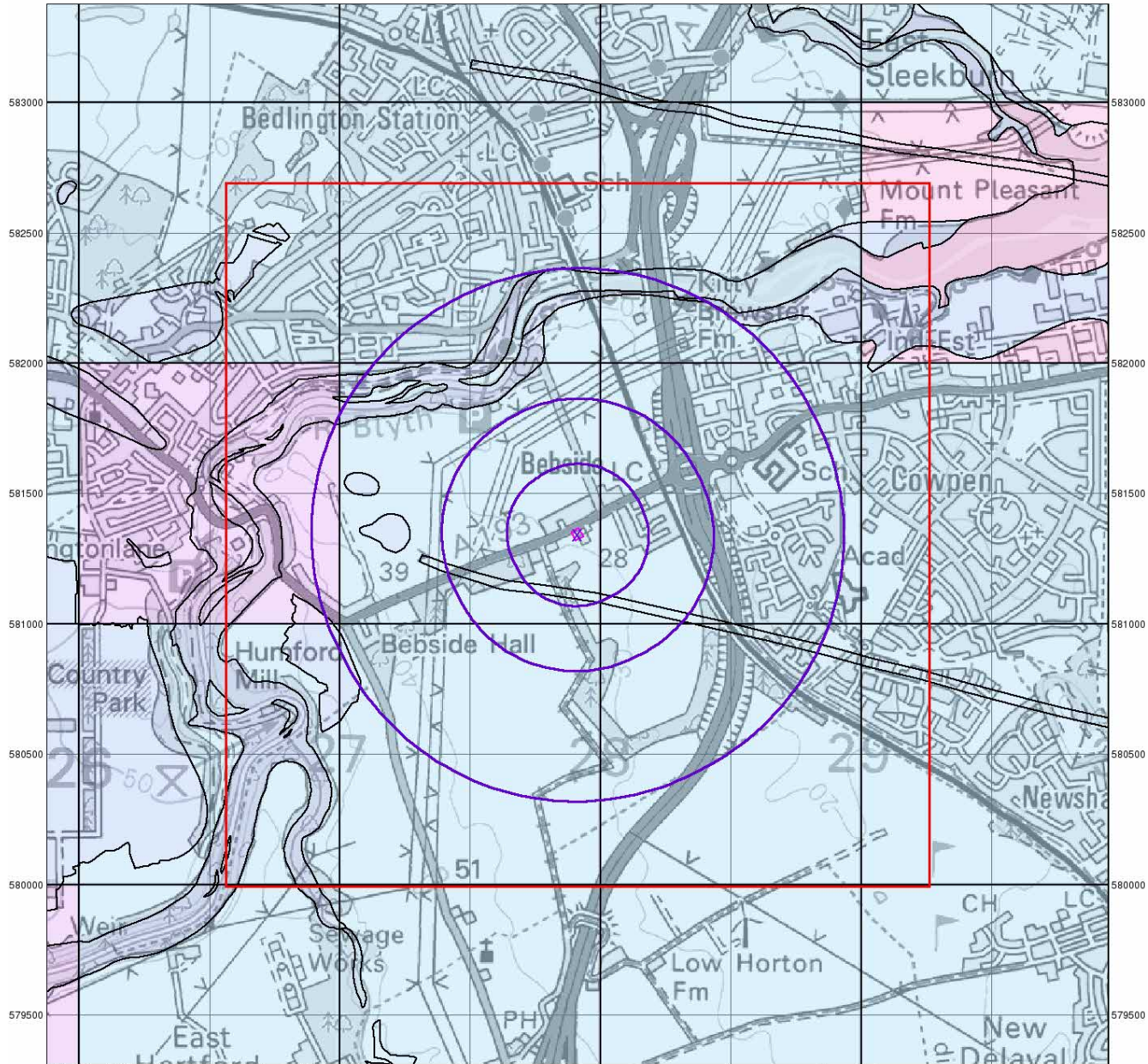
Site Details

Site at 427910, 581350



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0 1 km

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Groundwater Vulnerability

General

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

Agency and Hydrological

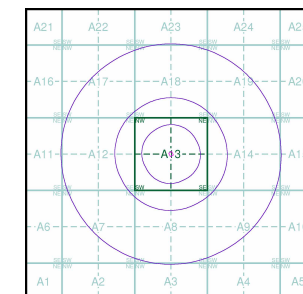
Bedrock Aquifers

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

Superficial Aquifers

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 316380586_1_1
 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

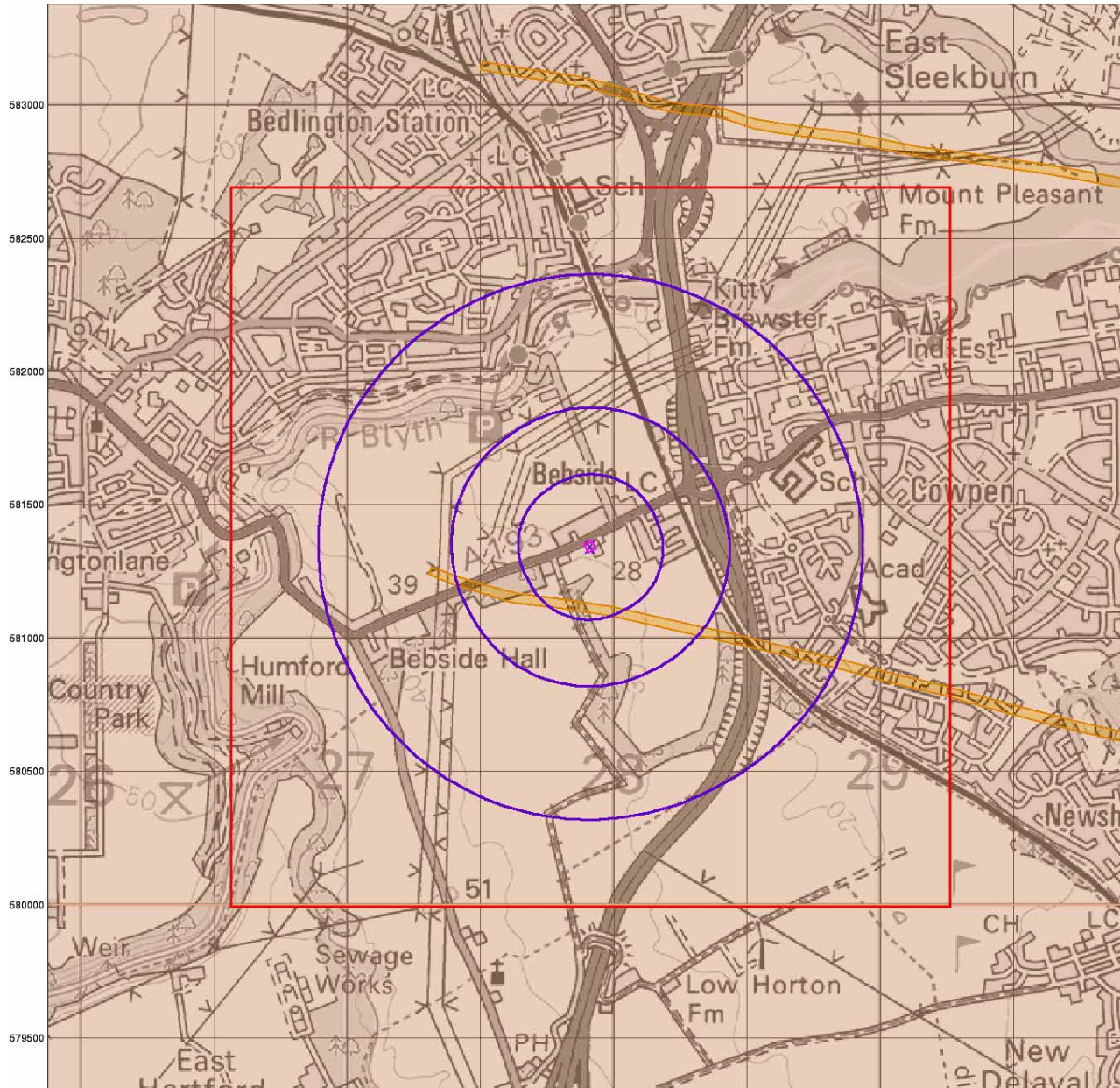
Site Details

Site at 427910, 581350

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 Fax: 0844 844 9951
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Bedrock Aquifer Designation

General

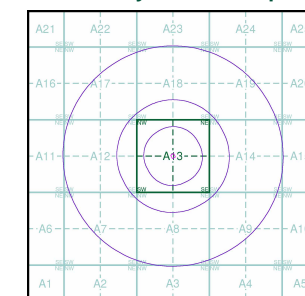
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 316380586_1_1
 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

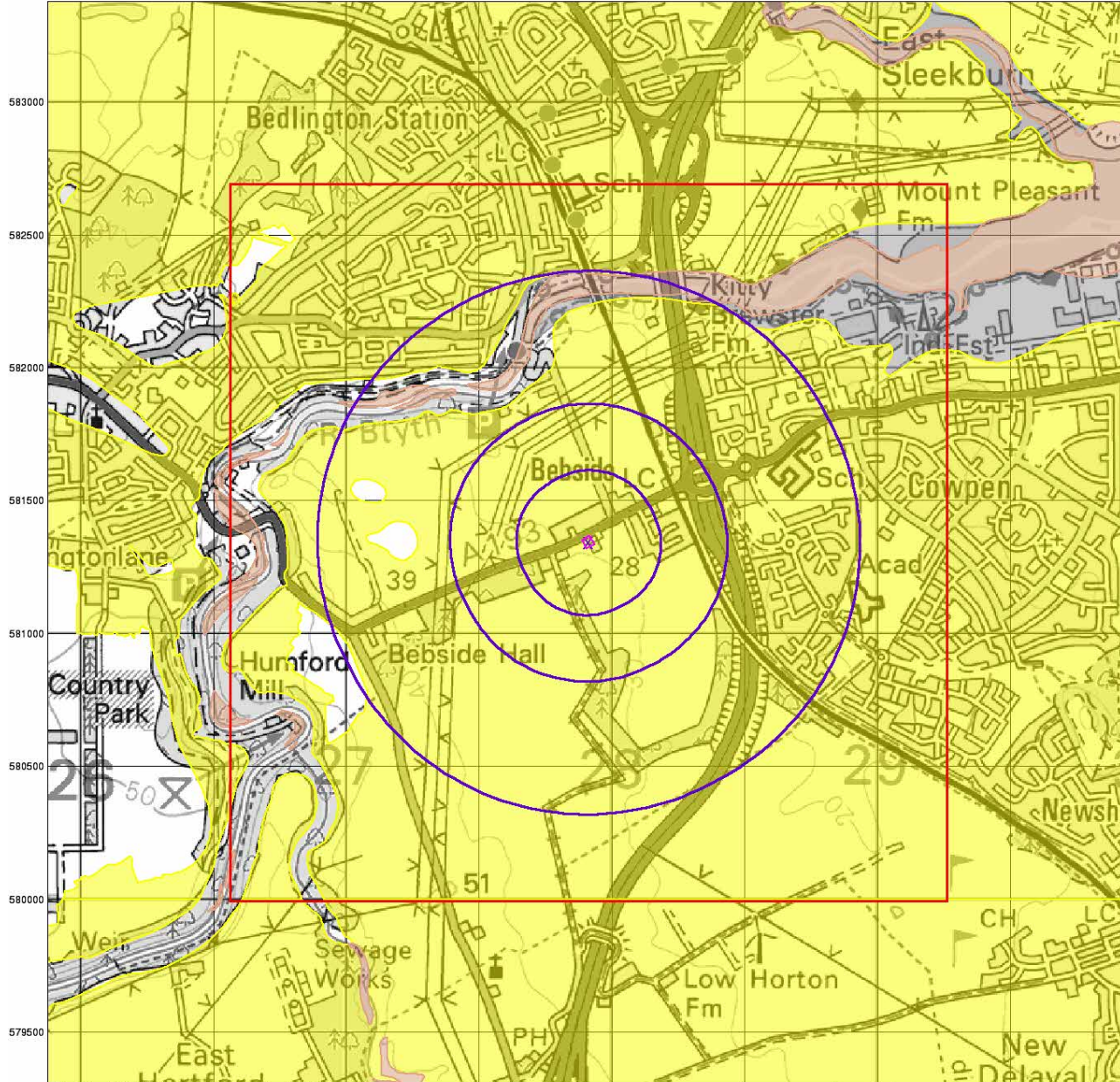
Site Details

Site at 427910, 581350

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Superficial Aquifer Designation

General

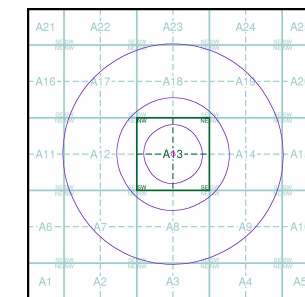
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 316380586_1_1
 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

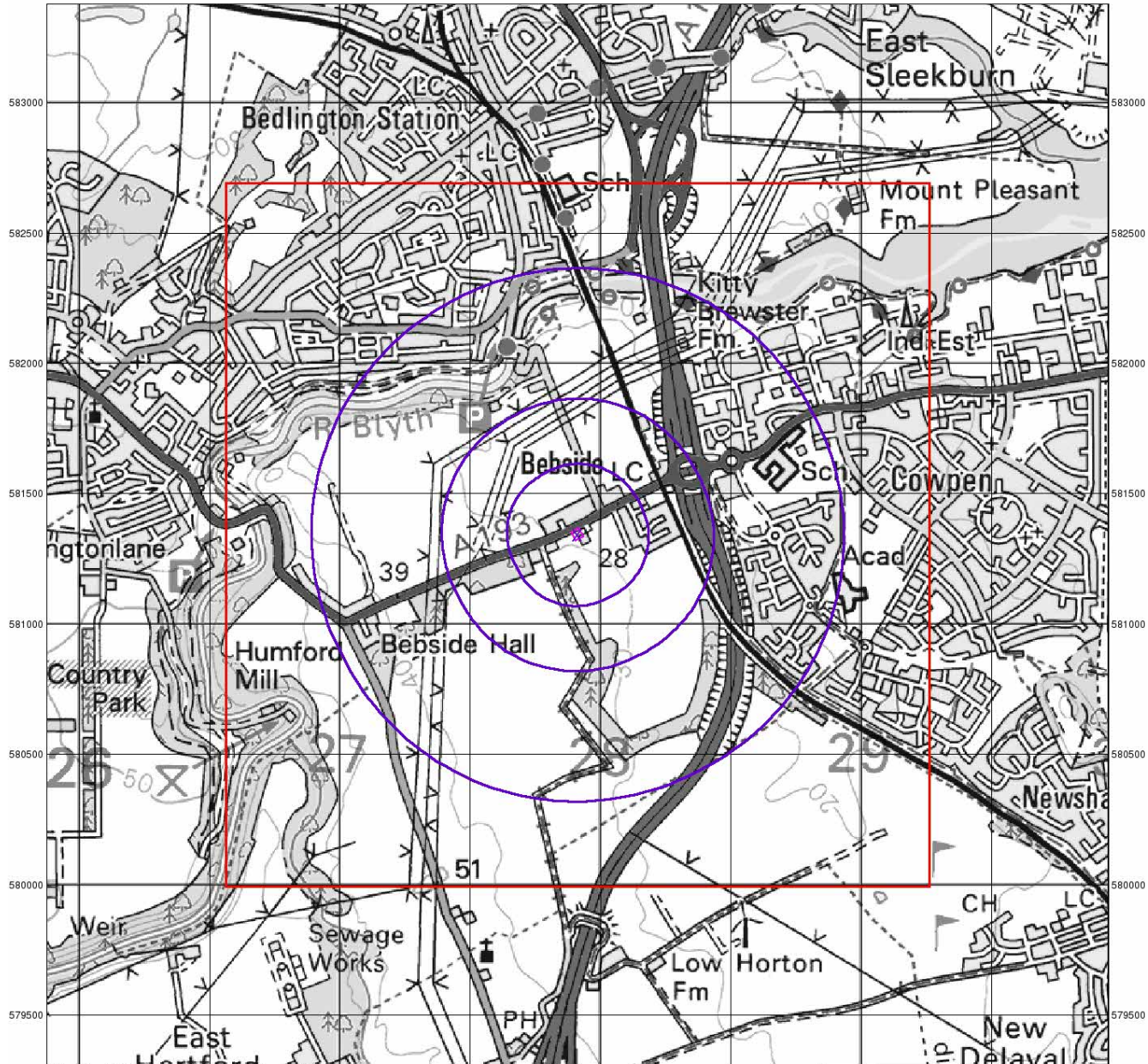
Site Details

Site at 427910, 581350

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Source Protection Zones

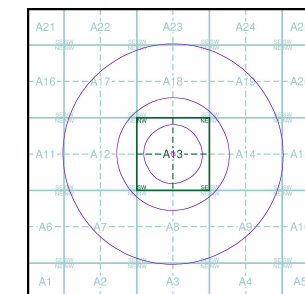
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 316380586_1_1
 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

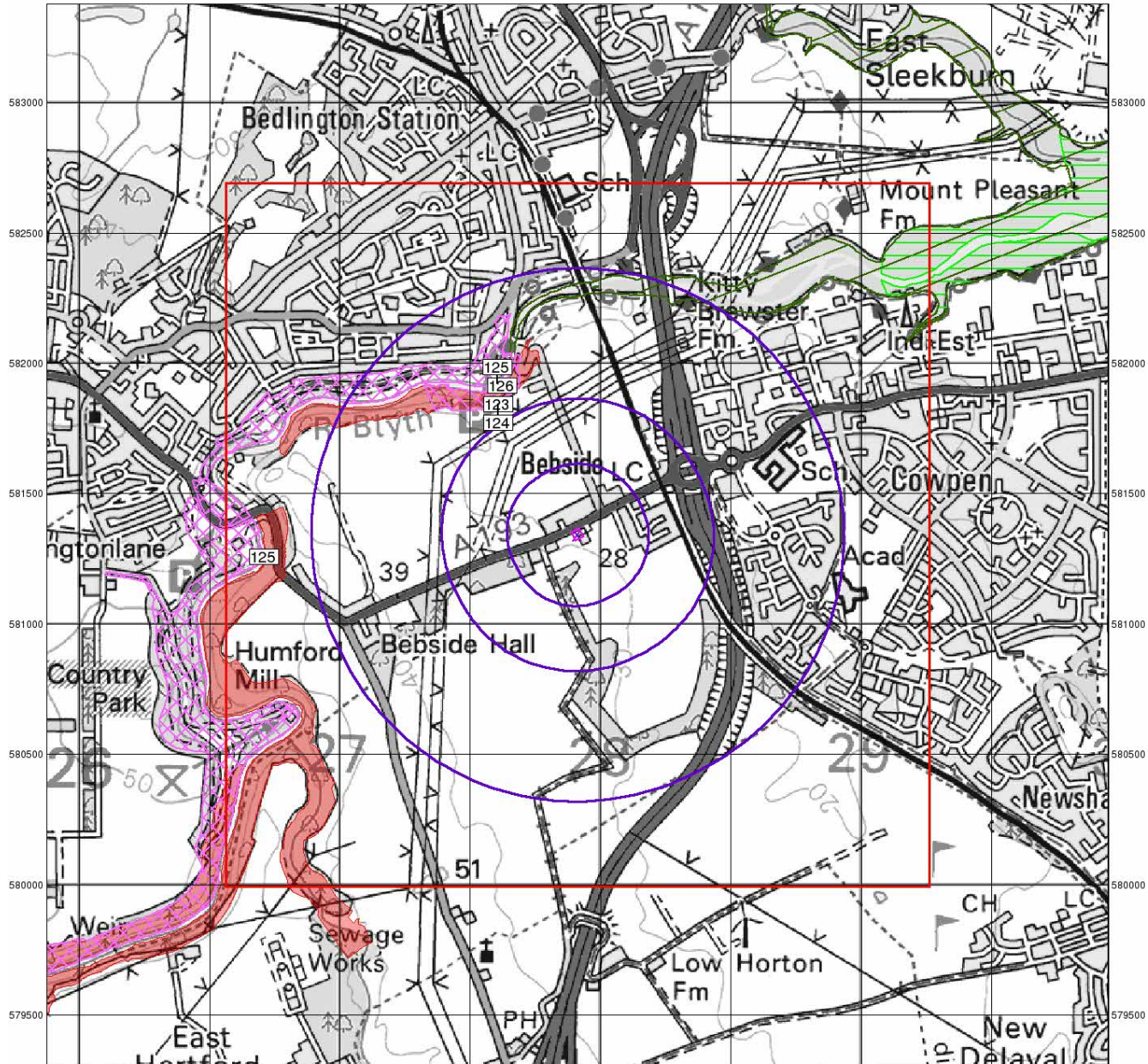
Site Details

Site at 427910, 581350

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Sensitive Land Uses

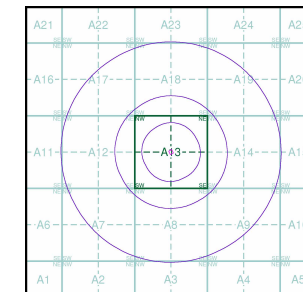
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 316380586_1_1
 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

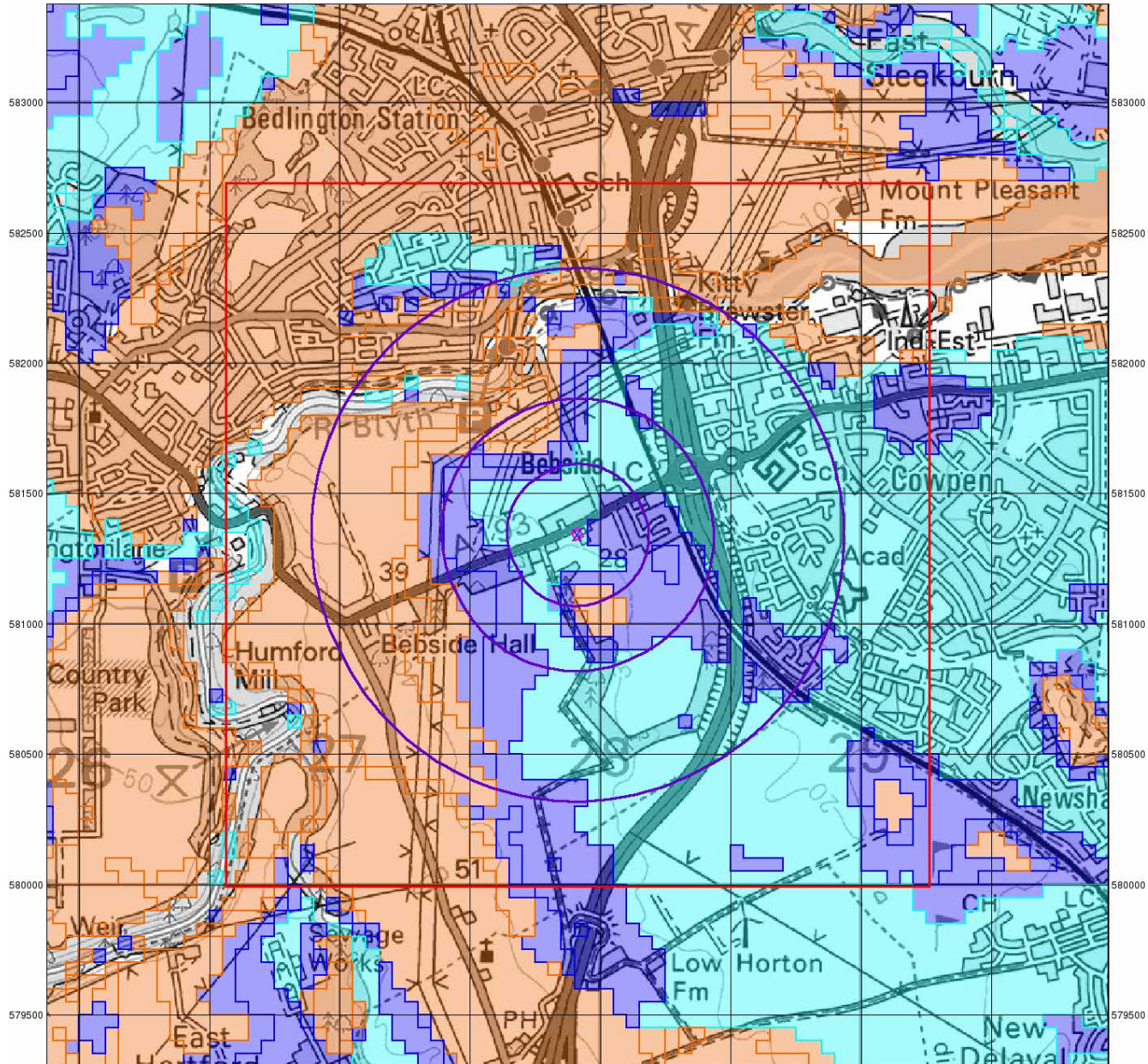
Site Details

Site at 427910, 581350

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 Fax: 0844 844 9951
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0 1 km

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BGS Flood GFS Data

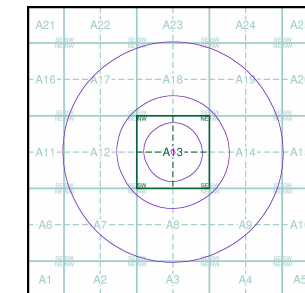
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 316380586_1_1
 Customer Ref: 4295
 National Grid Reference: 427910, 581340
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Site at 427910, 581350

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APPENDIX 4

COAL AUTHORITY REPORT



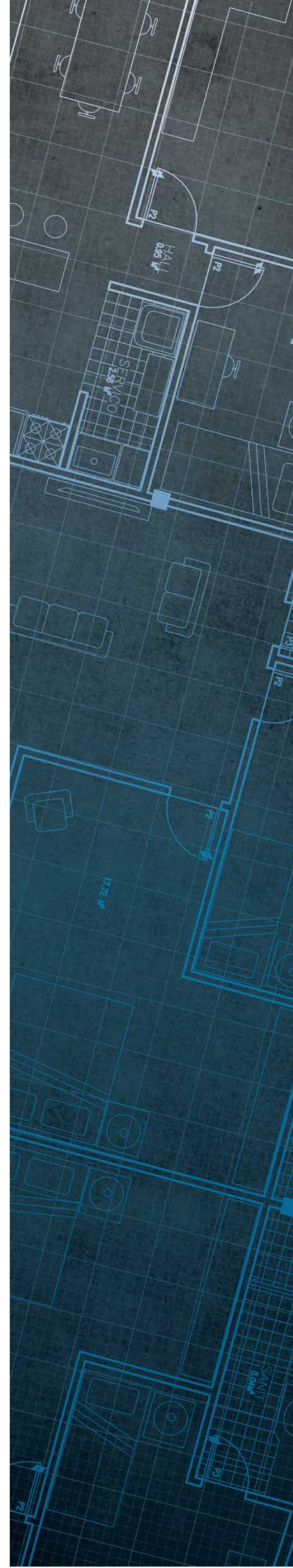
The Coal
Authority

Consultants Coal Mining Report

2 Furnace Road
Bebside
Northumberland
NE24 4JW

Date of enquiry: 1 September 2023
Date enquiry received: 1 September 2023
Issue date: 1 September 2023

Our reference: 51003375887001
Your reference: 2023/6447



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

Kieran Atkinson

Enquiry address

2 Furnace Road
Bebside
Northumberland
NE24 4JW

How to contact us

0345 762 6848 (UK)
+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

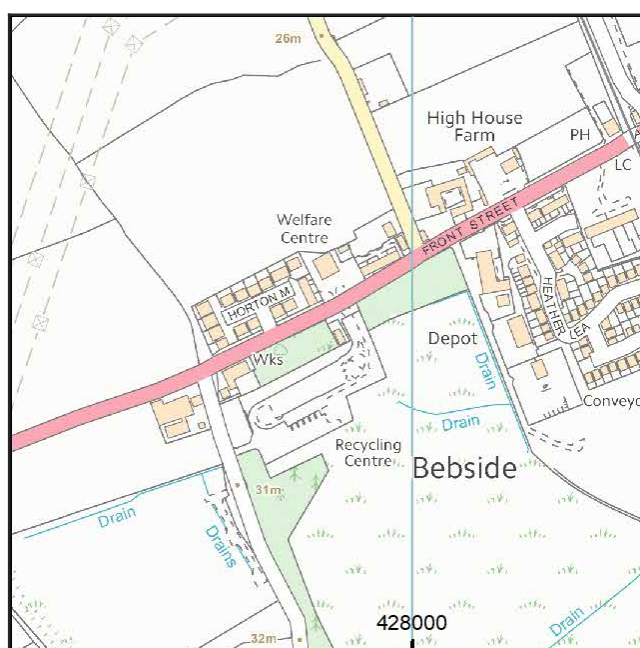
www.groundstability.com

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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Section 1 –Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
unnamed	HIGH MAIN	Coal	53YK	58	Beneath Property	1.4	South-East	110	1940
unnamed	BTM. MAIN	Coal	53UC	83	North-East	1.0	East	90	1937
unnamed	TOP MAIN	Coal	56U7	84	Beneath Property	3.3	South-East	180	1900
unnamed	BTM. MAIN	Coal	53UD	94	South-East	1.4	East	80	1943
unnamed	BTM. MAIN	Coal	5D1T	100	East	1.6	West	80	1936
unnamed	BTM. YARD	Coal	5D55	114	East	1.8	East	80	1944
unnamed	BTM. YARD	Coal	5D54	116	East	2.0	East	80	1942
unnamed	BTM. YARD	Coal	56VO	118	Beneath Property	1.9	South-East	80	1940
unnamed	BTM. YARD	Coal	56UN	119	North-East	2.4	South-East	80	1878
unnamed	TOP MAUDLIN	Coal	53TL	136	Beneath Property	2.4	East	120	1946
unnamed	TOP MAUDLIN	Coal	53TK	137	Beneath Property	2.1	East	90	1946
unnamed	TOP MAUDLIN	Coal	52UP	137	East	2.4	South-East	100	1950
unnamed	TOP MAUDLIN	Coal	52UL	137	South-East	1.2	East	90	1923
unnamed	BTM. MAUDLIN	Coal	52PP	142	East	0.9	South-East	80	1951
unnamed	BTM. MAUDLIN	Coal	5YDT	143	Beneath Property	1.7	South-East	80	1943
unnamed	BTM. MAUDLIN	Coal	52PQ	143	East	1.1	South-East	80	1949
unnamed	BTM. MAUDLIN	Coal	5YDS	144	North-East	1.6	East	80	1931
unnamed	LOW MAIN	Coal	53XJ	151	Beneath Property	2.2	East	70	1932
unnamed	BTM.LOW MAIN	Coal	53SL	153	Beneath Property	2.0	South	60	1923
unnamed	LOW MAIN	Coal	53XK	153	North-East	0.4	East	70	1932
HORTON GRANGE	LOW MAIN	Coal	5HWK	154	East	1.3	South	70	1931
HORTON GRANGE	LOW MAIN	Coal	5HWL	154	East	1.3	South	70	1931

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
unnamed	BTM.LOW MAIN	Coal	5D3Y	157	South-East	0.7	North	60	1920
unnamed	BTM.LOW MAIN	Coal	5D3X	157	South-East	0.7	North	60	1920
unnamed	BRASS THILL	Coal	5YFJ	171	Beneath Property	2.3	East	150	1871
unnamed	BRASS THILL	Coal	5YFK	171	North-East	2.4	East	150	1871
ISABELLA	HUTTON	Coal	5HXI	172	East	11.9	East	130	1926
unnamed	BRASS THILL	Coal	52QH	174	East	2.0	South	150	1872
unnamed	BRASS THILL	Coal	52QI	175	South-East	1.8	South	150	1872
unnamed	HUTTON	Coal	53W9	189	Beneath Property	1.8	East	130	1926
unnamed	HARVEY	Coal	5970	222	North	2.3	East	46	1919
unnamed	HARVEY	Coal	52SY	227	East	2.6	South-East	64	1914
unnamed	HARVEY	Coal	52SZ	230	South-East	1.2	East	64	1920
unnamed	HARVEY	Coal	5990	234	Beneath Property	2.4	East	102	1914
unnamed	HARVEY	Coal	59A0	236	Beneath Property	2.2	East	102	1914

Probable unrecorded shallow workings

Yes.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

NC476	R387A	8564
R361	NC304	8565
NC245	NC398	13348

Our records show we have more plans than those shown above which could affect the enquiry boundary.

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

Please refer to the “Summary of findings” map (on separate sheet) for details of any opencast areas within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 –Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 –Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

Withdrawal of support notices

The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Section 4 –Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority.

MINE GAS: Please note, if there are no recorded instances of mine gas within 500m of the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

Section 5 –Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk**.

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial –mitigating the impact of existing pollution or Preventative –preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices



Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land

Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

The map highlights any specific surface or subsurface features within or near to the boundary of the site.

Key

- Approximate position of the enquiry boundary shown 
- Unlicensed opencast site 

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APPENDIX 5

SITE WALKOVER RECORD

Photograph 1



Photograph 2



Photograph 3



Photograph 4



NOTES / KEY

Refer to Drawing 4295OD02, Appendix 1 for location and orientation of photographs

DRAWING TITLE

PHOTOGRAPHIC RECORD – PLATE 1

PROJECT TITLE

PRELIMINARY CONTAMINATION RISK ASSESSMENT
ON LAND AT BEBSITE OLD CHURCH, BEBSITE

CLIENT

Andrew Evans

STATUS

FINAL

DRAWN BY

JR

SCALE

NOT TO SCALE

PROJECT NUMBER

4295

DATE

September 2023

DRG. No.

4295 Plate 1

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Photograph 5



Photograph 6



Photograph 7



NOTES / KEY

DRAWING TITLE

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4295 Plate 2

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APPENDIX 6

PRINCIPLES OF CONTAMINATION RISK ASSESSMENT

PRINCIPLES OF CONTAMINATION RISK ASSESSMENT

The Environmental Protection Act 1990, Part II A Contaminated Land (Section 57 of the Environment Act 1995) and the Contaminated Land Regulations 1999 provide a basis on which to determine the unacceptable risks and liabilities presented by a contaminated site. Contaminated Land is defined within Section 78A(2) and in all those Sections mentioned as:-

“Any land which appears to the local authority in whose area it is situated to be in such a condition, by reason of substances in, on or under the land that-

- a) **SIGNIFICANT HARM** is being caused, or there is significant possibility of such harm being caused; or
- b) **SIGNIFICANT POLLUTION OF CONTROLLED WATERS** is being caused, or there is a significant possibility of such pollution being caused.”

Section 57 of the Environment Act 1995 requires that any site identified as being “contaminated” by the Local Authority will be registered by them and remediation will be required to render the site fit for use.

The presence of contamination is not the sole factor for deciding whether a site is contaminated. Relevant parties should identify site-specific unacceptable risks and provide objective, cost-effective methods to manage the contamination in a manner which satisfies the proposed end-use.

The Environment Agency “Land contamination and Risk Management” guidance defines “risk” as the combination of:-

PROBABILITY OF RISK: or frequency, of occurrence of a defined hazard; and

MAGNITUDE/POTENTIAL SEVERITY: (including the seriousness) of the consequences.

A risk-based approach, which takes both technical and non-technical aspects into consideration when making decisions on contamination resulting from past, present or future human activities, is advocated.

The assessment of unacceptable risks generally relies on the identification of three principal elements forming a ‘contaminant linkage’:-

SOURCE: is a contaminant or pollutant that is in, on or under the land and that has the potential to cause harm or pollution

RECEPTOR: something that could be adversely affected by a contaminant eg. a person, controlled waters, an organism, an ecosystem, or Part 2A receptors such as buildings, crops or animals

PATHWAY: a route by which a receptor is, or could be, affected by a contaminant

In the absence of any one of these elements, on any given site, there is no risk. Where all three elements are present, a risk assessment is required to determine the significance of the harm or pollution that is being or may be caused. During the risk assessment phase, ‘potential contaminant linkages’ are used, until they are confirmed. Once confirmed, they are referred to as ‘relevant contaminant linkages’. As outlined above, the terms of the Contaminated Land regime specify that remediation need only be implemented where a site is causing, or there is a significant possibility that it will cause, significant harm, or that pollution of controlled waters is being, or is likely to be caused.

Development of contaminated land is usually addressed through the application of planning and development legislation and guidance (i.e. Planning Guidance Note PPS23 Planning and Pollution Control in England). The suitable for use approach is seen as the most appropriate basis to deal with contaminated land, taking account of

environmental, social and economic objectives. The assessment is made in the context of the proposed land use (e.g. residential, commercial, industrial and public open-space).

Definition of Severity of Consequence

The risk assessment has been undertaken by assessing the severity of the potential consequence, taking into account both the potential severity of the hazard and the sensitivity of the target, based on the categories given below.

Category	Definition
Severe	Acute risks to human health, catastrophic damage to buildings/property, major pollution of controlled waters
Medium	Chronic risk to human health, pollution of sensitive controlled waters, significant effects on sensitive ecosystems or species, significant damage to buildings or structures
Mild	Pollution of non-sensitive waters, minor damage to buildings or structures
Minor	Requirements for protective equipment during site works to mitigate health effects, damage to non-sensitive ecosystems or species

Definition of Probability of Occurrence

The likelihood of an event (probability) takes into account the linkage between a hazard and target and the integrity of this pathway, and has been assessed based on the categories given below.

Category	Definition
High Likelihood	Pollutant linkage may be present, and risk is almost certain to occur in long term, or there is evidence of harm to the receptor
Likely	Pollutant linkage may be present, and it is probable that the risk will occur over the long term
Low Likelihood	Pollutant linkage may be present, and there is a possibility of the risk occurring, although there is no certainty that it will do so
Unlikely	Pollutant linkage may be present, but the circumstances under which harm would occur are improbable

Risk Matrix

The potential severity of the consequence and the probability of the occurrence have been combined in accordance with the following matrix in order to give a level of risk for each potential hazard.

		Severity of Consequence			
		Severe	Medium	Mild	Minor
Probability of Occurrence	High Likelihood	Very high	High	Moderate	Low
	Likely	High	Moderate	Low	Very Low
	Low Likelihood	Moderate	Low	Very Low	Negligible
	Unlikely	Low	Very Low	Negligible	Negligible

APPENDIX 7

NOTES ON LIMITATIONS

NOTES ON LIMITATIONS

- 1 FWS Consultants Ltd (“FWS”) has prepared this report solely for the use of the client and/or his agent (the “Client”) on the basis of exchange(s) of written proposals and instructions, and FWS accepts no responsibility or liability:-
 - a) for use of this report by any party other than the person for whom it was commissioned, or;
 - b) for the consequences of the report being used for any purpose other than that for which FWS was instructed to prepare it.

Should any third party wish to use or rely upon the contents of the report, written approval from FWS must be sought.

- 2 All information supplied by the Client, the Client’s staff and professional advisers, local authorities, other statutory bodies, investigation agencies and publicly accessible databases, shall be provided to FWS in writing, and is accepted as being correct unless otherwise specified in writing by the discloser of the information.
- 3 The conclusions and recommendations in this report represent the professional opinions of FWS derived from currently accepted industry practices, and through the exercising of reasonable skill and care to be expected of a professional geosciences and environmental consultancy of similar size and experience. The assessments and judgments given in this report are directed by and limited to both the finite data on which they are based and the proposed works to which they are addressed.
- 4 Environmental and geotechnical desk studies comprise a study of available information obtained from various identified sources, authorities and parties. The information reviewed cannot be exhaustive and has been accepted in good faith as providing representative and true data pertaining to site conditions. For clarity, no independent verification of this data is carried out by FWS and it is accepted at face value. Any identified risks in desk study reports are perceived risks based on the information available at the time. Actual risks can only be assessed after carrying out a thorough physical investigation of the site that serves to validate such identified risks.
- 5 Data acquisition during site investigations is subject to the limitations of the methods of investigation used, site conditions and access constraints. Exploratory holes undertaken during fieldwork, particularly boreholes and/or trial pits, investigate a small volume of ground in relation to the size of the site and thus can only provide an indication of site conditions. The opinions provided and recommendations given in this report are based on the desk study information and ground conditions apparent at the site of each of the exploratory holes. There may be ground conditions elsewhere onsite that have not been disclosed by the investigation and which therefore have not been taken into account in this report. FWS will take all due care and make commentary on the adequacy of data collection and therefore the ability to highlight the presence or otherwise of exceptional conditions.
- 6 Owing to the natural variation of the systems that are being investigated, and the anthropological impact similarly changing through time, the findings and opinions in this report are relevant to the dates of the site works and should not be relied upon to represent conditions after a reasonable passing of time. Site conditions will change over time due to natural variations and human activities. The comments made on groundwater, surface water and soil gas conditions are based on observations made at the time that the site work was carried out. It should be noted that these conditions will vary owing to seasonal, tidal and meteorological effects. Variation in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, or subsequent developments or activities on the site or adjacent area.
- 7 The scope of the investigation, as agreed between FWS and the Client, was undertaken based on the specific development proposals of the Client and may be inappropriate to another form of development or scheme.
- 8 The opinions expressed in this report regarding contamination, geotechnical and/or waste assessments are based on simple statistical analysis and comparison with available guidance values. No liability can be accepted for the retrospective effects of any changes or amendments to these values.