

**ENVIRONMENTAL SETTING AND SITE DESIGN REPORT (ESSD) AND
RISK ASSESSMENT FOR A BESPOKE ENVIRONMENTAL PERMIT FOR
THE PROPOSED DEPOSIT FOR RECOVERY OF A FORMER HAUL ROAD,
STOBWOOD, NORTHUMBERLAND**

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ENVIRONMENTAL SETTING AND SITE DESIGN REPORT (ESSD) AND RISK ASSESSMENT FOR A BESPOKE ENVIRONMENTAL PERMIT FOR THE PROPOSED DEPOSIT FOR RECOVERY OF A FORMER HAUL ROAD, STOBWOOD, NORTHUMBERLAND

1 PROPOSALS AND REPORT CONTEXT

FWS Consultants Ltd (FWS, the 'agent') were instructed by Sanders Plant and Waste Management (the 'applicant') to prepare a Bespoke Environmental Permit Application for the proposed deposit for recovery scheme of the northern and western parts of the haul road (Sections A to F as illustrated in Drawing 21-144-002, Appendix 1) at a restored former opencast mine at Stobwood, Northumberland (the site). The site location is shown on Drawing 3865OD01, Appendix 1.

The approximately 2 km long section of haul road was originally constructed to serve the Stobwood open cast coal mine. The mine has now been restored, and the original haul road has been left intact. The planning conditions imposed (Appendix 2) require the restoration of the road both to agricultural use and the creation of a public bridleway. It is proposed to remove the asphalt surfacing and sub-base and restoring ground levels using imported clean soil materials under a Bespoke Environmental Permit broadly along the lines of Standard Rules Permit No. 39 (Deposit for Recovery). Cross Sections of each section including final proposed ground levels are presented in Drawing 21-144-006, Appendix 1.

The site complies with the majority of the Standard Rules for Environmental Permit No. 39 (Deposit for Recovery), which are summarised below: -

- Parameter 1 Permitted activities - The storage and recovery of waste (R5, R10, R13)
- Parameter 2 Permitted wastes - Inert wastes and specified non-hazardous wastes as listed in the table of wastes
- Parameter 3 Maximum quantity of waste shall be limited to 60,000 cubic metres or less
- Parameter 4 The activities shall not be carried out within 500 m of a European Site or a Site of Special Scientific Interest (SSSI); or 50 metres of a National Nature Reserve (NNR), Local Nature Reserves (LNR), Local Wildlife Site (LWS), Ancient woodland or Scheduled Ancient Monument.
- Parameter 5 The activities must not be carried out within groundwater Source Protection Zones 1 and 2
- Parameter 6 No point source discharges to controlled waters or groundwater
- Parameter 7 The activities must not be carried out within 10 metres of any watercourse
- Parameter 8 No waste may be deposited into a water body or sub-water table
- Parameter 9 The activities shall not be carried out on historic, closed or operational landfills
- Parameter 10 Activities must not be carried out in an air quality management area for PM10

However, due to a small section of the work within Section D being undertaken within 50 m of Bricks Plantation, a deciduous woodland which is designated as a protected habitat, Parameter 4 of the Standard Rules Permit is not achieved.

Following previous discussions with the Environment Agency Permitting Team (copy of correspondence included in Appendix 3), it is understood that “If you’re applying for a bespoke permit but most of your activities are covered by standard rules, you only need to do a risk assessment for the activities or risks that are not covered by the generic risk assessment for those standard rules.”

The purpose of this report is to demonstrate that the majority of the Standard Rules are achieved, to identify and assess the specific risk to receptors from the proposed restoration activities undertaken in line with the Bespoke Permit, and to address the requirements for an Environmental Setting and Site Design (ESSD) report.

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

- Landmark Envirocheck Report (Appendices 4 and 5)
- Environment Agency Guidance Template: Conceptual Site Model, Environmental Setting and Site Design Report (Ref. 1)
- Enquiries to Northumberland Wildlife Trust and Environment Agency (Appendix 6).

2 SITE LOCATION AND DESCRIPTION

The site is located at approximate National Grid Reference 421415E, 591342N located to the south and west of Ulgham, Northumberland as shown in Drawing 3685OD01, Appendix 1.

The haul road runs south from the site of the former Stobswood opencast mine over a metal Mabey Bridge over the River Lyne and continues under an underpass beneath the C129. The Application Site ends at a vehicle access point into the haul road from the C129 as shown in (Drawing 21-044-001, Appendix 1). The level of the road varies from 50 m AOD in its northern most extent and exhibits a general southerly increase with a maximum elevation of 81 m AOD in the southwestern corner.

The road was originally used to transport coal from the opencast mine site to the ‘Butterwell Disposal Point’. The haul road continues to the east of the current Application Site where the coal was loaded onto trains for transport around the country. This eastern section of the haul has not been included in the Planning Application.

3 SOURCE CHARACTERISATION

3.1 Historical Development

The historical maps (Appendix 4) indicate that the site was agricultural land from at least 1866, with a small area of woodland (removed by 1966) and Bricks Plantation in the north. The majority of Bricks Plantation was located approximately 250 m to the west of the northern section of the site, however, a small finger of the plantation extends to the north and east to follow the River Lyne, crossing a northern section of the site. By the 1990s the site became a haul road to transport coal. The haul road was disused by 2020.

The surrounding land was agricultural and plantation land from at least 1866 until the 1990s when an open cast coal mine was operating immediately to the north of the site and a coal disposal

depot was developed off the southeastern boundary, linked by the haul road. By 2020 the open cast coal mine was restored, and the haul road and coal disposal depot were disused.

It is considered that the previous uses of the site as agricultural land and as a metalled haul road do not present a potential contamination source, beyond potential minor fuel or oil spillages associated with the movement of vehicles.

3.2 Proposed Development (Waste Management Operations)

3.2.1 General Development Details

Following the closure and restoration of the former Stobswood open cast coal mine to the north, the haul road has been left intact pending agreement of final restoration proposals. As required by the current planning permission (Appendix 2), it is now proposed to restore the northern and western sections of haul road by removal of the existing 600-900 mm subbase and asphalt surfacing (for disposal off-site), and importation of clean landscape fill materials, to achieve the desired restoration levels.

The Application Area comprises six sub-sections (A-E) as shown in Drawing 21-144-002, Appendix 1 and summarised below:

- Section A – The current haul road, approximately 375 m in length, is set at an elevation of around 61.448 m AOD, which is to be removed and locally reinstated to the same elevation. This will involve the removal of approximately 2,500 m³ of material from the haul road with the same volume of material being imported for restoration.
- Section B – The current haul road is set at an elevation of around 59.275 m AOD, which is to be removed and locally reinstated to an elevation of between 60.900 m AOD in the east to 61.110 m AOD in the west over a distance of around 20 m width and a linear distance of around 155 m. It is estimated that approximately 1,000 m³ of material will be removed from the haul road with approximately 9,000 m³ of additional material required to restore the section to the proposed levels.
- Section C – it is understood that no works are proposed to Section C which comprises both Mabey Bridge and the areas immediately adjacent to the north and south of the bridge. The exclusion areas to the north and south of the bridge ensures that no works are to be carried out within 10 m of the River Lyne.
- Section D – current haul road is set at an elevation of around 61.978 m AOD, which is to be removed and locally reinstated to an elevation of between 62.920 m AOD in the west and 63.288 m AOD in the east over a distance of around 28 m width and a linear distance of around 240 m. It is estimated that approximately 1,550 m³ of material will be removed from the haul road with approximately 4,850 m³ of additional material required to restore the section to the proposed levels.
- Section E – The current haul road, approximately 720 m in length, is set at an elevation of around 69.371 to 70.211 m AOD, which is to be removed and locally reinstated to around the same elevation. This will involve the removal of approximately 4,800 m³ of material from the haul with the same volume of material being imported for restoration.
- Section F – The current haul road, approximately 504 m in length is set at an elevation of around 78.475 to 78.600 m AOD, which is to be removed and locally reinstated to around the same elevation. This will involve the removal of approximately 3,900 m³ of material from the haul with the same volume of material being imported for restoration.

Following the completion of the infilling works, a portion of land to the west of the proposed bridleway will be returned to agricultural use and hedgerows will be planted to the east of the proposed bridleway as indicated in Drawing 21-144-006, Appendix 1.

Whilst the permitted wastes will be in accordance with SR No. 39, the bulk of material is likely to comprise soil and stones (waste code 17 05 04). However, the following wastes will not be accepted to the site including soil from cleaning and washing fruit and vegetables (02 04 01), waste concrete and sludge (10 13 14), bituminous mixtures (17 03 02) and other wastes from mechanical treatment of wastes (19 12 12). The quantities required have been determined from data provided by the Client to be a total volume of 27,600 m³.

3.2.2 Programme and Use of Plant and Vehicles

The programme of works has not yet been finalised; however, it is proposed that the operations will take up to 3 years to complete with a maximum of 12No. wagons entering and exiting the site each day (Appendix 2). Placement of the imported soils across the site will be undertaken using excavators, dumpers and tractors. Once an area is complete, plant will move away from the area. Plant will not be static in one place and will move along the haul road as required.

4 PATHWAY AND RECEPTOR CHARACTERISATION (ENVIRONMENTAL SETTING)

4.1 Geology

The surface of the haul road is expected to comprise a thin layer of asphalt over up to 0.9 m of granular dolomite sub-base. Information from the British Geological Survey (Ref. 2) indicates that the site is generally underlain by natural firm to stiff sandy gravelly clay (Glacial Till) with occasional areas of glacio-fluvial deposits. The till is expected to be around 10 m thick overlying bedrock of the Lower and Middle Coal Measures, which dips gently to the east. There are no major geological faults, fissures, or structural features on or around the site (Ref. 2).

4.2 Hydrology

The River Lyne crosses the northern section of the site at Section C (See Drawing 21-144-002, Appendix 1) and a tributary of the River Lyne, known as Bail crosses the northernmost extent of the haul road approximately 250 m to north of Section A (See Drawing 21-144-002, Appendix 1), the northernmost section of proposed works. Three unnamed ditches are present on or next to the site boundaries in the north and south. The River Lyne is reported to be River Quality C and both tributaries have recorded flows of less than 0.31 cumecs.

The Envirocheck Report indicates that the River Lyne may cause extreme flooding from rivers or sea without defences (Zone 2) and flooding from rivers or sea without defences (Zone 3) locally on the site. None of the remainder of the site is within a flood zone. The haul road is currently bridged over the River Lyne (Section C Drawing 21-144-002, Appendix 1) and there are no proposals to carry out any restoration works in this section.

4.3 Hydrogeology

The Environment Agency aquifer classification of superficial deposits is secondary undifferentiated.

The Environment Agency aquifer classification of solid geology is Secondary A and relates to the Lower and Middle Coal Measures which are primarily composed of sandstone, siltstone and mudstone with coal seams. Groundwaters within this aquifer are anticipated to be of low quality due to the history of coal mining in the area. Due to the low permeability of the superficial deposits, groundwater flow is anticipated to be minimal. As such, it is considered that a detailed hydrogeological risk assessment is not required.

The site is not within a Groundwater Source Protection Zone (SR Parameter 5).

There are no groundwater or surface water abstractions within 800 m of the site (Ref. 3). The nearest abstraction is 810 m to the west and relates to a borehole extraction for a farm.

4.4 Landfill Sites

The Envirocheck report (Appendix 5) indicates there are no recorded landfills on site or within 500 m of the site boundaries (SR Parameter 9).

4.5 Man-Made Subsurface Pathways

All made ground, sub-base and hardstanding is to be broken out and removed from site. As such, there will be no man-made subsurface pathways present on the site.

4.6 Other Receptors

Surface Waters

The River Lyne that crosses the central part of the site, flowing from west to east. There are three unnamed drainage ditches on or along the site boundaries. There are no other surface waters on or around the site.

Groundwater

It is considered that that no laterally extensive groundwater is likely to exist in the low permeability cohesive glacial soils. The solid geology (Coal Measures) is classified as a Secondary A aquifer and groundwater is expected to be of low quality. Groundwater flow is expected to be minimal.

Ecological Receptors

The nearest designated Environmentally Sensitive Area is Bricks Plantation, a deciduous woodland designated as a Protected Habitat (see Appendix 6), a small section crosses the northern part of the site (Section C, see Drawing 21-144-002, Appendix 1) following the course of the River Lyne. The nearest proposed works (Section D see Drawing 21-144-002, Appendix 1) are within 30 m of the plantation.

Another Environmentally Sensitive Area, Robinhood Wood, an area of Ancient Woodland is located 74 m to the northwest of the northern part of the site (SR Parameter 4). A second area of Ancient Woodland is present 125 m to the southwest of the central part of the site. The nearest Local Wildlife Site is Ulgham Local Nature Reserve, 1.5 km to the northeast of the site.

Air Quality

The site is not indicated to be within, or within 1 km of, an Air Quality Management Area (Ref. 4; SR Parameter 10).

Residential

The site is within an agricultural area. The nearest residential property (Cockles Cottage) is 265 m from the site.

4.7 Compliance Points

Due to the low risks determined for nearby receptors (see Section 8 and Appendix 8), compliance monitoring is not considered to be necessary and, as such, identification of compliance points is not required.

5 SITE ENGINEERING

5.1 Basal and Side Slope Engineering

There are no specific basal and side slope engineering requirements. Due to the former use as a haul road, no steep slopes are present that would require a stability risk assessment.

5.2 Capping

As the imported subsoil materials will be clean (see Section 3.2), no formal capping is required. An upper layer of topsoil will be placed to allow surface drainage and promote growth of vegetation for agricultural purposes.

5.3 Restoration

As detailed in Section 1, clean subsoil and topsoil materials are to be imported to restore the site levels as shown in Drawing 21-144-006, 21-144-08 and 21-144-09 Appendix 1. The volumes required are detailed in Ref. 5, with a total import volume of 27,600 m³. The imported subsoil and topsoil (technically classed as waste) will be in compliance with the Standard Rules Permit No. 39 acceptable material types and chemically screened to ensure compliance with generic assessment criteria for public open space (Appendix 9) in the absence of specific assessment criteria for agricultural use. As a precaution and to be protective of the River Lyne crossing the site, as part of the waste acceptance criteria assessment, additional leachability testing (10:1 NRA) will be undertaken on a minimum of three samples of the imported soils and the results compared to the higher of either the EQS values or the baseline monitoring concentrations, as detailed in the appended methodology (Appendix 10).

The materials will be placed as Class 4 Landscape Fill in accordance with the Specification for Highway Works (Ref. 6).

The development is to be finished with topsoil suitable for agricultural use.

5.4 Surface Water Management

There will be no discharge points to controlled waters. The topsoil layer will promote drainage, naturally absorbing rainwater and preventing excess surface water runoff. The long term use of the site will be for agricultural use, and no contaminative uses are proposed. As such, any surface water runoff to the River Lyne and unnamed ditches following completion of the site restoration is considered to be of minimal impact. In line with the SR No. 39 requirements, restoration activities will not be undertaken within 10 m of a watercourse.

In the event that dewatering is required, any collected waters will be discharged to sewer under licence.

5.5 Noise Management

The nearest residential property is 265 m away and is not expected to be significantly affected by noise from the proposed restoration activities.

The underlying legal principle of controlling noise and vibration on site is that the activities should be undertaken in a manner which demonstrates that Best Practicable Means (BPM), as defined in Section 72 of the Control of Pollution Act 1974, is being adopted at all times. This aligns with the Environment Agency requirements that 'best available techniques' should be followed for controlling noise from activities.

All reasonable and practicable steps should be taken to minimise noise and vibration. The practicable element to requirements needs to consider the site itself, the neighbouring property sensitivity, engineering requirements, safety, etc. If noise and vibration has been considered at each step and evidence of such can be provided, but despite the best efforts a noisy activity is required to be undertaken, then that process could be deemed to demonstrate that best practicable means has been adopted. The reasonable element to best practicable means includes the programme and cost implications of restrictions and requirements and whether the technology is available for such measures.

For this scheme the main mitigation measures would be to control the operating hours of the activities to 08:00 to 18:00 hrs during the weekdays and 08:00 to 12:00 on Saturdays and to complete the works in a short a time period as practical within these hours. In addition, specific measures will include:

Vehicle Deliveries

The main activities off site will include vehicle delivery movements. Best practice measures to be adopted will include:

- Ensure all vehicle movements occur within normal hours or at agreed times, taking into account the primary function of sensitive receptors in the vicinity.
- Maximise the reuse of any waste arising on site to minimise vehicle movements.
- Plan deliveries and vehicle movements so that vehicles are not waiting or queuing on the public highway. If waiting or queuing is unavoidable then engines should be turned off.
- Minimise opening and closing of site access through good coordination of deliveries and vehicle movements.

- Space planning for stockpiling of material (over weekends and, evening and nights) within the site to allow removal during normal working hours only.

Good Site Practices

To minimise noise emissions the following good practices should be adopted during the recovery operations:-

- Ensuring that generator or vehicle engine hatches are kept closed
- Locating mobile plant away from noise-sensitive receivers
- Avoiding dropping materials from a height
- Switching off plant when not in use
- Stockpiling materials or planning of site compound areas so as to provide acoustic screening between noise sources and receivers

With the mitigation measures above applied, there will be a very low impact on nearby residents.

5.6 Post Closure Controls

The site is to be developed as agricultural land and a public bridleway and will not require post closure management. The land will be incorporated into the surrounding landscape.

Permit surrender will be acceptable once the site restoration is completed in accordance with the planning application (Appendix 2). All site records will be collated into a completion report which shall be submitted on permit surrender and include the following:

- Method Statements.
- A site diary of the works or programme of works.
- Documentary evidence including desk study and source sampling of all imported materials used on-site, delivery dates, quantities and delivery tickets, as necessary along with plans and records.
- Documentation of all licenses, consents, permits etc. issued by the Statutory and Regulatory Authorities and evidence of compliance with any requirements of the above.

The Contractor shall provide the Environmental Engineer with all the required documentation relating to the restoration works on completion that shall then form the basis of the surrender document.

5.7 Monitoring

The site is to be restored to agricultural land and a public bridleway using clean imported materials with no gas generation source or contamination potential. As such, no gas or groundwater monitoring is considered necessary. However, to determine a baseline groundwater chemistry to surface waters crossing the site and to confirm that the site works do not have an adverse impact on these receptors, it is proposed to undertake surface water monitoring to establish a baseline prior to commencement of the works, during the works and upon completion of the works, as detailed in Section 9 below.

6 SITE CONDITION REPORT

The whole of the site within the permit boundary is to be permanently restored. In accordance with the EA guidance (Ref. 1), 'a site condition report is not necessary for parts of a permitted activity where you permanently deposit waste'.

7 CONCEPTUAL SITE MODEL

Presented below is a Preliminary Conceptual Site Model (CSM) for the proposed works, which has been prepared in accordance with our Approach to Contamination Risk Assessment detailed in Appendix 7 and illustrated in Drawing 3865OD02Rev1 (Appendix 1).

Development Details

It is proposed to restore the site levels to approximately those of the surrounding agricultural land using imported clean topsoils and subsoils (classed as waste, SR Parameter 1) under a Bespoke Environmental Permit broadly in line with the Standard Rules Permit No. 39 (Deposit for Recovery) to create agricultural land. The main import will be subsoil and the development will be finished with topsoil, suitable for agricultural purposes. A total of 27,600 m³ of materials (total subsoil and topsoil) is required (SR Parameter 3). The proposed final level contours are illustrated in Drawings 21-144-006, 21-144-08 and 21-144-09 Appendix 1. Due to the anticipated homogeneity of the imported subsoils and the elongated shape of the site, the works will not be developed on a cellular basis.

Placement of imported soil materials will be done in a phased manner, progressively moving around the site.

As detailed in the Waste Recovery Plan (Ref. 5) there are no works proposed within 10 m of the River Lyne crossing the site or within 10 m of the drainage ditches on or along the site boundaries and there will be no point source discharges from the site to either surface or ground waters (SR Parameter 6).

Potential Contamination Sources

Only material types acceptable under the Standard Rules Permit No. 39 rules will be accepted (Ref. 5, Section 5, SR Parameter 2). In addition, all materials to be imported will be chemically screened to ensure they comply with generic assessment criteria for agricultural use (derived from GACs for public open space due to the lack of available site specific criteria for agricultural use, Appendix 9) and will not present a contamination source. Dust/silt may be generated by the proposed recovery activities and there is the potential for localised hydrocarbons to be generated from fuel or oil leaks from plant. Localised hydrocarbons may already be present relating to the former haul road usage. Nuisance noise generated from plant and vehicle movement will be controlled as detailed in Section 5.5 above, to minimise the impact on receptors.

Ground and Groundwater Conditions

The haul road is expected to comprise thin asphalt and up to 0.9 m of compacted granular sub-base materials. Beneath the haul road the site is underlain by cohesive glacial till to expected depths of around 10 m bgl and then Coal Measures strata comprising sandstone, siltstone,

mudstone and coal seams. Once completed, the made ground will be removed and the restored site will be underlain by imported clean soil materials over glacial till.

Significant groundwater is not anticipated within the superficial deposits, which generally comprise low permeability cohesive glacial till with areas of glacio-fluvial deposits that will provide limited lateral hydraulic connectivity. It is therefore considered that there will be limited or no hydraulic connectivity between the superficial deposits underlying the site the River Lyne that crosses the site, or the unnamed drainage ditches close to the site. The main groundwater is expected at depth in the bedrock (Coal Measures Secondary A aquifer) and is anticipated to be of poor quality.

Environmental Considerations and Receptors

Proposed restoration works in Section D (See Drawing 21-144-02, Appendix 1) will take place within 50 m of a small section of Bricks Plantation, a deciduous woodland designated as a Protected Habitat (see Appendix 6).

There are no other Environmentally Sensitive Areas within 50 m of the site (Ref. 3). The closest is an area of Ancient Woodland 74 m to the northwest. The site is within a nitrate vulnerable zone.

The site is within an agricultural area, with the nearest residence (farms) approximately 265 m to the east.

The superficial deposits below the site are classed as a secondary undifferentiated aquifer and the underlying Coal Measures are classified as a Secondary A aquifer.

8 RISK ASSESSMENT

The Standard Rules parameters 1, 2, 3 and 5 to 10 have been met, as demonstrated in the previous sections and, therefore, the Environment Agency Generic Risk Assessment has been adopted with respect to these (Appendix 8). However, part of the proposed works will take place within 50 m of a Protected Habitat (Parameter 4) and surface waters cross the site, a more detailed risk assessment has been undertaken in accordance with our Approach to Contamination Risk Assessment detailed in Appendix 7. Presented in Section 7 above is a Conceptual Site Model (CSM) for the proposed works as illustrated in the Conceptual Site Model presented in Drawing 3865OD02Rev1 (Appendix 1) and summarised below:

- Potential hydrocarbon spillages from plant and machinery either from the former haul road use or from the proposed restoration presents a very low to low risk of pollution to groundwater and surface waters and Bricks Plantation (Protected Habitat), via leaching of contaminants. However, transport of these potential contaminants via surface runoff may present a moderate risk of pollution to surface waters and Bricks Plantation (Protected Habitat).
- Release of dust or silt via surface water runoff presents a moderate risk of pollution to surface waters and Bricks Plantation (Protected Habitat).
- Liberation of airborne dust in dry weather may present a moderate risk of pollution to Bricks Plantation (Protected Habitat) and a low risk of pollution to surface waters.
- Noise from importation and placement operations may present a very low risk of nuisance to local residents.

As a precaution, it was recommended that some additional mitigation was adopted, as detailed in Section 9 below.

9 RECOMMENDATIONS ON MITIGATION MEASURES

9.1 General Measures

Based on this risk assessment, the following measures should be put in place during the works to mitigate the risks to surface waters:

- That the site shall be fenced and the fencing in the areas of the River Lyne, the unnamed drainage ditches and Bricks Plantation, will be protected to prevent surface water run-off and silt from entering surface waters during the restoration works.
- To reduce the potential for localised hydrocarbon spills, fuels and oils shall be stored in a suitably bunded area and spill kits should be carried by all vehicles. Vehicles shall maintain a good standard of repair to minimise the risk of leaks.
- During periods of hot, dry weather, the site should be dampened down to reduce the potential for dust to be generated by the works.
- Upon completion of the restoration works the site shall be topsoiled to promote retention of surface water and growth of vegetation for agricultural use.

Mitigation measures to be put in place during the works to mitigate the potential noise risks to nearby residents are detailed in Section 5.5, and are summarised below:

- Control the operating hours (including deliveries) of the activities to 08:00 to 18:00 hrs during the weekdays and 08:00 to 12:00 on Saturdays
- Minimise vehicle movements to and from site as much as reasonably practicable
- Switching off plant when not in use
- Keeping engine hatches closed
- Avoiding dropping materials from a height
- Planning stockpiling areas (if required) so as to provide acoustic screening

9.2 Monitoring

Waste Acceptance

As a precaution and to be protective of the surface waters crossing the site, as part of the waste acceptance criteria assessment, additional leachability testing (10:1 NRA) will be undertaken on a minimum of three samples of the soils to be imported (prior to importation) and the results compared to the higher of either the EQS values or the baseline monitoring concentrations, as detailed in the appended methodology (Appendix 10). If the leachability results fail with respect to the determined criteria, the GAC for imported soils will be reviewed, and lowered, if required.

Surface Water Monitoring

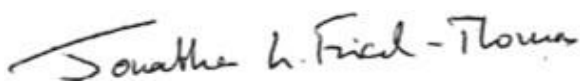
It is proposed to undertake surface water monitoring of surface waters to establish a baseline and monitor surface water quality before, during and on completion of the works. Monitoring frequency will comprise three pre-works monitoring visits to establish the baseline, monthly visits

during active work periods within 50 m of the surface waters, and two post-completion monitoring visits.

The testing suite will comprise a general suite of contaminants broadly reflecting the proposed soils testing suite and the likely impacting contaminants, and will include dissolved metals, hardness, sulphates, pH, hydrocarbons (TPH) and PAHs, conductivity and suspended solids, as detailed in Appendix 10. On site monitoring will also be undertaken for the following determinands:

- Temperature,
- pH,
- Electrical Conductivity,
- Total Dissolved Solids.

On completion of the three baseline monitoring visits, assessment values for the leachability testing of the proposed imported soils will be finalised by comparing the baseline results to the EQS, as detailed in Appendix 10. All results will be reviewed on completion of the monitoring programme.



PRINCIPAL CONSULTANT



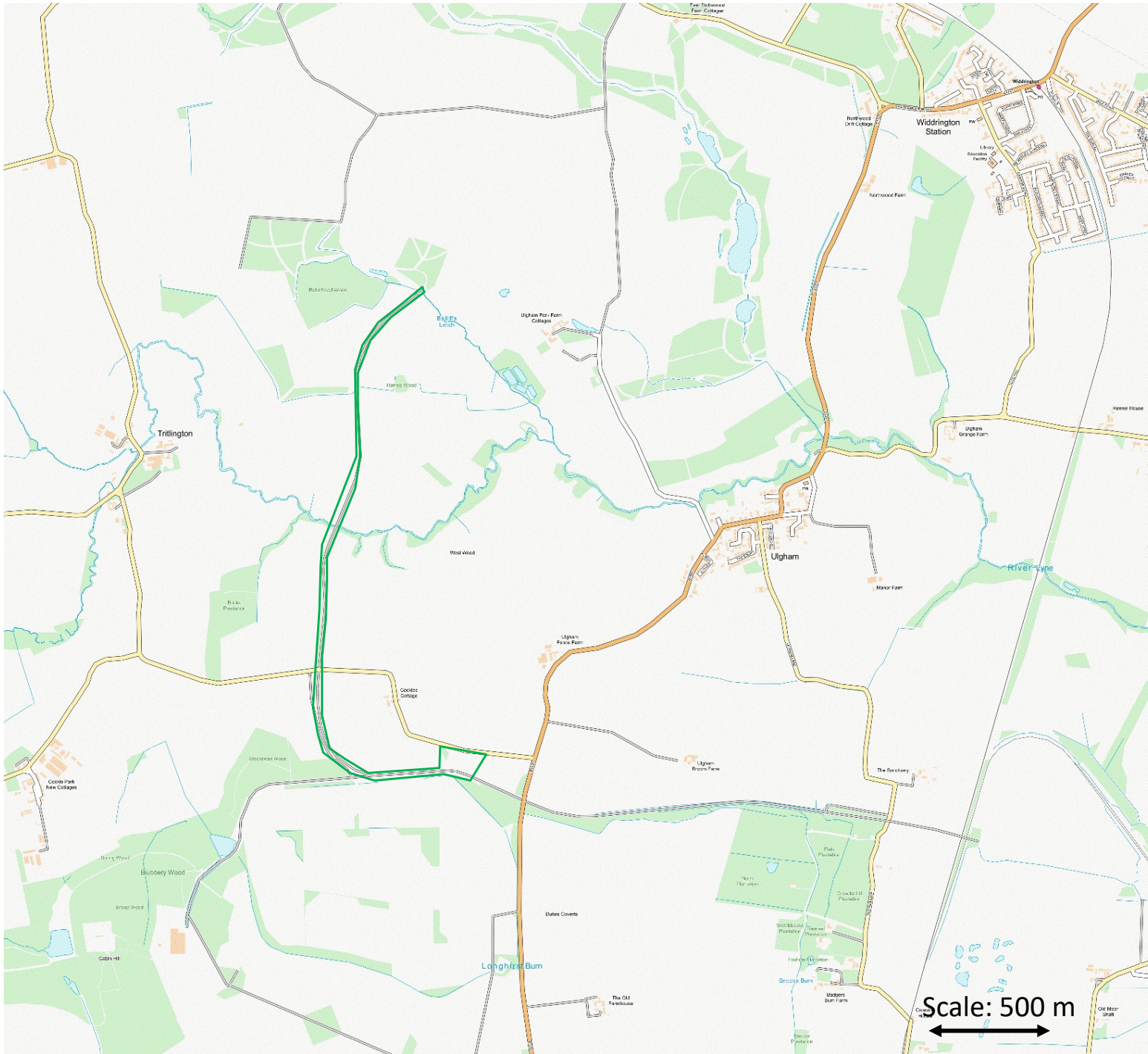
DIRECTOR

10 REFERENCES

- 1 Environment Agency, 2016. Template: Conceptual Site Model, Environmental Setting and Site Design Report (Version 1).
- 2 British Geological Survey, Geology of Britain Viewer. <http://mapapps.bgs.ac.uk/geologyofbritain/home.html> Accessed October 2020.
- 3 Envirocheck Report, Stobswood Haul Road, October 2020.
- 4 DEFRA UK Air Information Resource: <https://uk-air.defra.gov.uk/aqma/list> Accessed September 2019.
- 5 FWS Consultants Ltd, June 2023. Waste Recovery Plan for the Proposed Recovery Operations of a Former Haul Road at Stobswood, Northumberland. Ref. 3865OR01Rev2.
- 6 Highways Agency Specification for Highway Works (Series 600).

APPENDIX 1

DRAWINGS



NOTES / KEY

SITE BOUNDARY ———

CLIENT

Sanders Plant and Waste Management

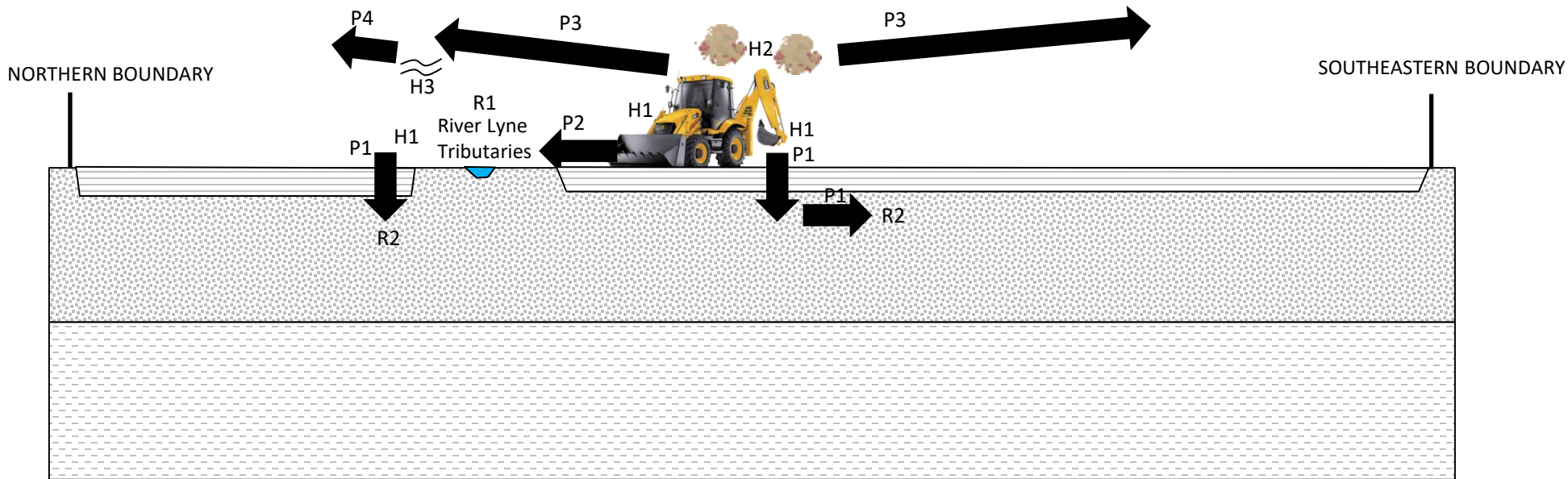
DRAWING TITLE

SITE LOCATION PLAN

PROJECT TITLE

STOBWOOD HAUL ROAD

STATUS	PROJECT NUMBER
FINAL	3865
DRAWN BY	DATE
JFT	Apr 2023
SCALE	DRG. No.
AS SHOWN	3865OD01



Hazard / Pollutant	Pathway	Receptor	Severity of Consequence	Probability of Occurrence	Level of Risk
H1 Localised hydrocarbon spills from plant	P1 Leaching of contaminants vertically or laterally to groundwater	R1 Tributaries of River Lyne/unnamed drainage ditches	Medium	Low likelihood	Low
		R2 Groundwater	Mild	Low likelihood	Very Low
	P2 Surface water runoff	R1 Tributaries of River Lyne/unnamed drainage ditches (activities restricted to 10 m distance from watercourses)	Medium	Low likelihood	Low
H2 Dust/silt	P2 Surface water runoff		Medium	Low likelihood	Low
	P3 Liberation of airborne dust	R3 Nearby residents	Mild	Likely	Low
H3 Noise	P4 Noise transmission from site activities	R3 Nearby residents	Mild	Low likelihood (nearest residence 168 m away)	Very Low

NOTES / KEY	
	IMPORTED MATERIALS
	GLACIAL TILL
	BEDROCK – COAL MEASURES

DRAWING TITLE
CONCEPTUAL SITE MODEL
PROJECT TITLE
STOBWOOD HAUL ROAD

CLIENT	
Sanders Plant and Waste Management	
STATUS	PROJECT NUMBER
FINAL	3865
DRAWN BY	DATE
JC	October 2020
SCALE	DRG. No.
NOT TO SCALE	3865OD02

FWS Geotechnical & Environmental Consultants

Unit 2 City West Business Park
St John's Road
Meadowfield Industrial Estate
Durham
DH7 8ER

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



- Notes**
1. Do not scale from this drawing. All dimensions shown are in metres unless noted otherwise.
 2. This drawing has been based upon topographical survey information and Milestone Transport Planning cannot be held responsible for any discrepancies which may arise because of it.

Key

Red Line Boundary -	—
Future Work -	—

Ordnance Survey Licence number: 100057360

Drawing Revisions

Rev.	Drn.	Date	Details	Chk.
-	JW	28/04/2022	First Issue	DK
A	JW	05/05/2022	Red Line Adjustment	DK
B	JW	12/05/2022	Red Line Adjustment	DK

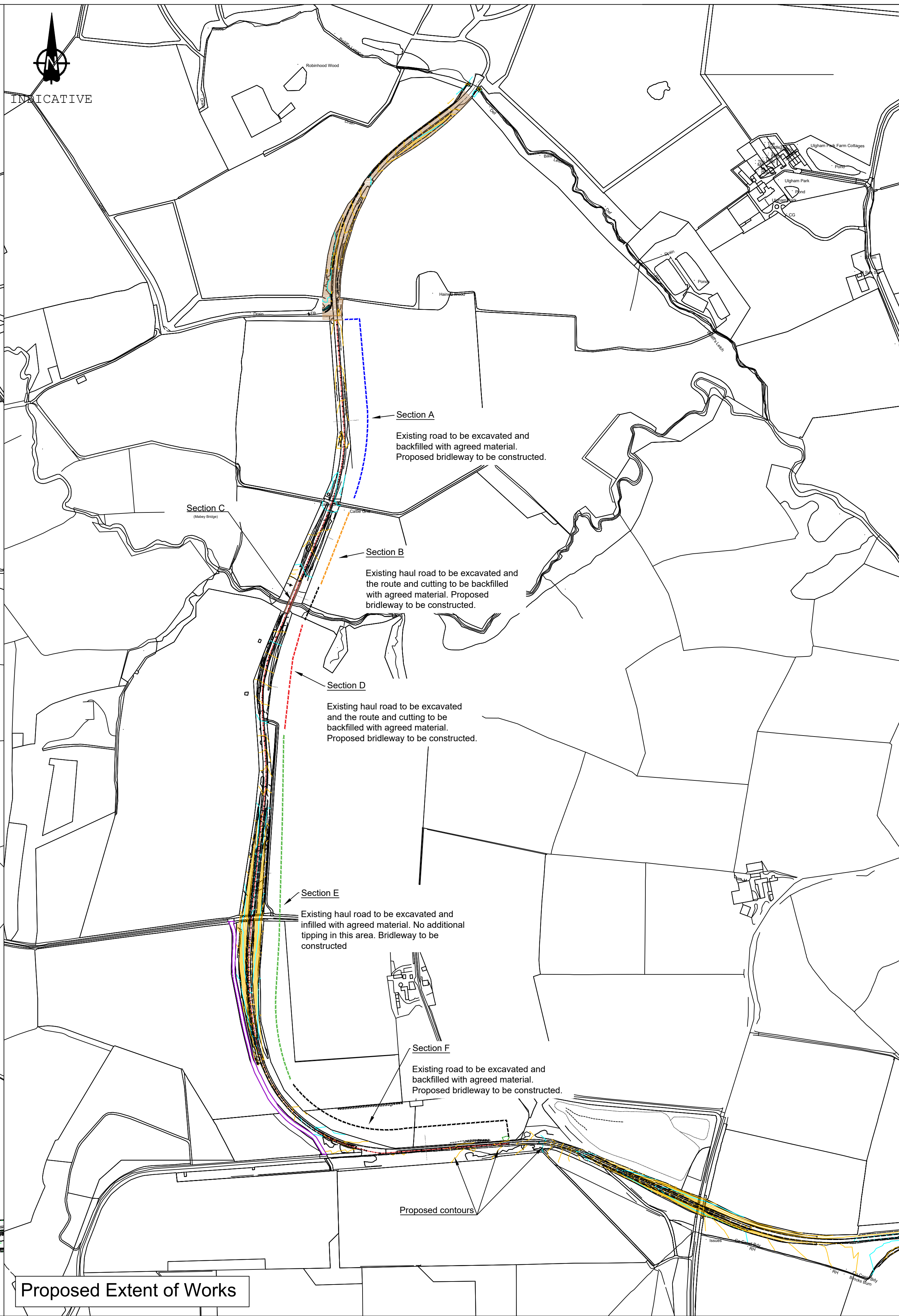
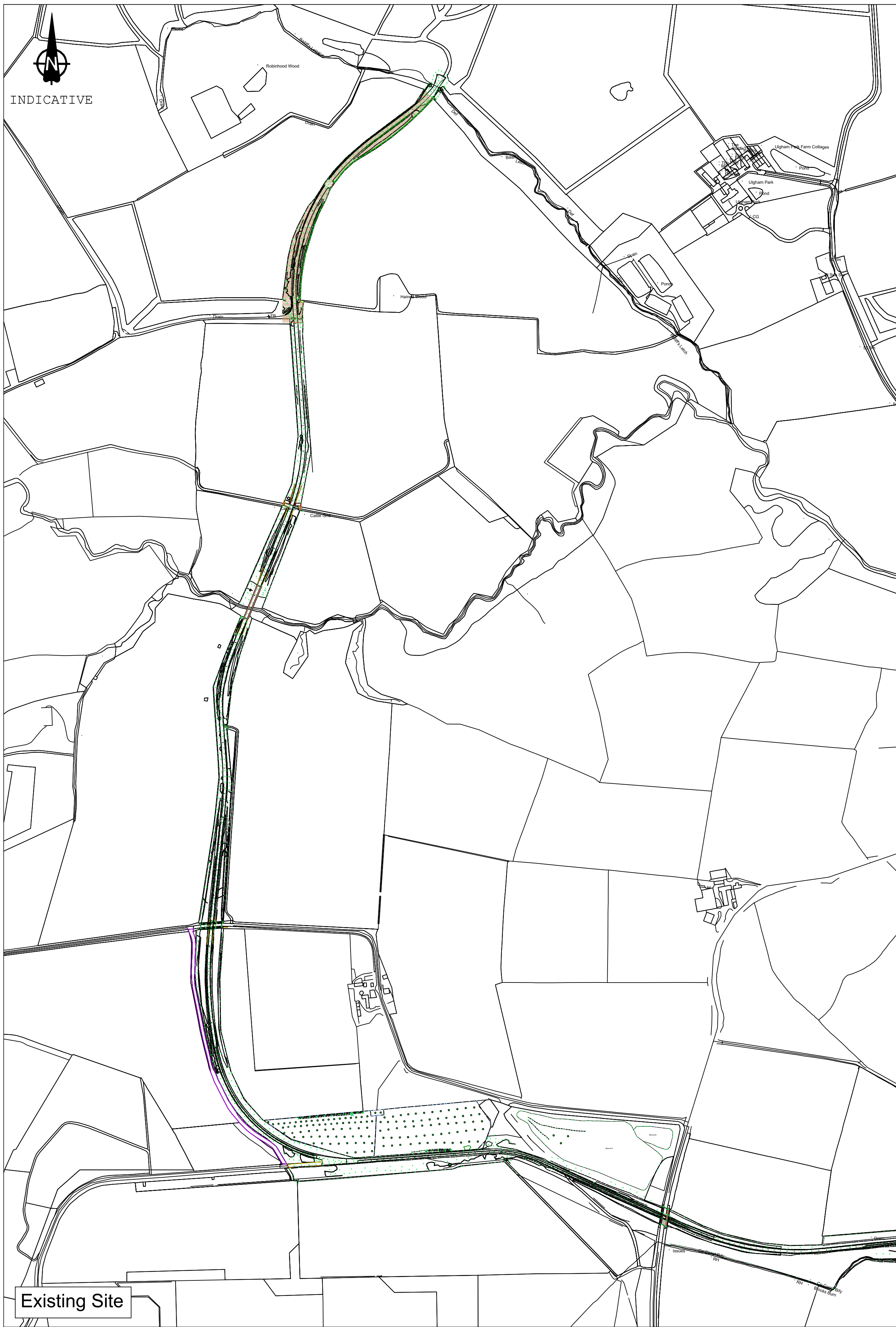
Client
Sanders Plant & Waste Management Ltd

Project
Stobswood Haul Road

Title
Location Plan

MILESTONE
TRANSPORT PLANNING
Abbey House, 282 Farnborough Rd, Farnborough, Hants GU14 7NA
Tel: 01483 397888
Gateshead IBC, Mulgrave Terrace, Gateshead, NE8 1AN
Tel: 0191 338 7220
web: www.milestonetp.co.uk

Drawing Number: 21-144-001
Scale: 1:5000
Revision: B



Notes
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Key:
 Proposed Contours -

Ordnance Survey Licence number: 100057360

Drawing Revisions				
Rev.	Drn.	Date	Details	Chk.
-	JW	28/04/2022	First issue	DK
A	JW	18/05/2022	Updated sections	DK
B	JW	23/05/2022	Updated sections	DK
C	JW	31/05/2022	Brideway detail added	DK

Client
 Sanders Plant & Waste Management Ltd

Project
 Stobswood Haul Road

Title
 Existing / Proposed Extent of Works

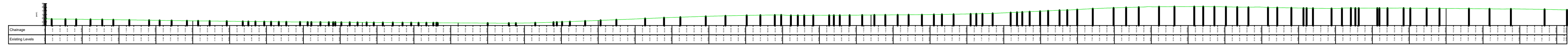
MILESTONE
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 Abbey House, 282 Farnborough Rd, Farnborough, Hants GU14 7NA
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 Gateshead IBC, Mulgrave Terrace, Gateshead, NE8 1AN
 Tel: 0191 338 7220
 web: www.milestonetp.co.uk

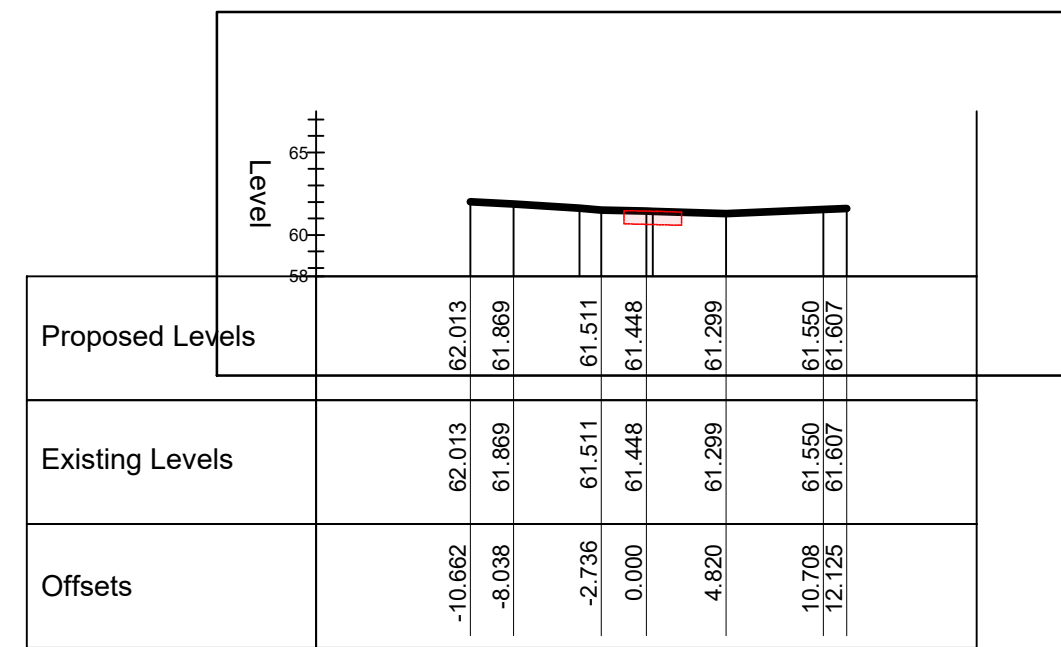
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Revision: C

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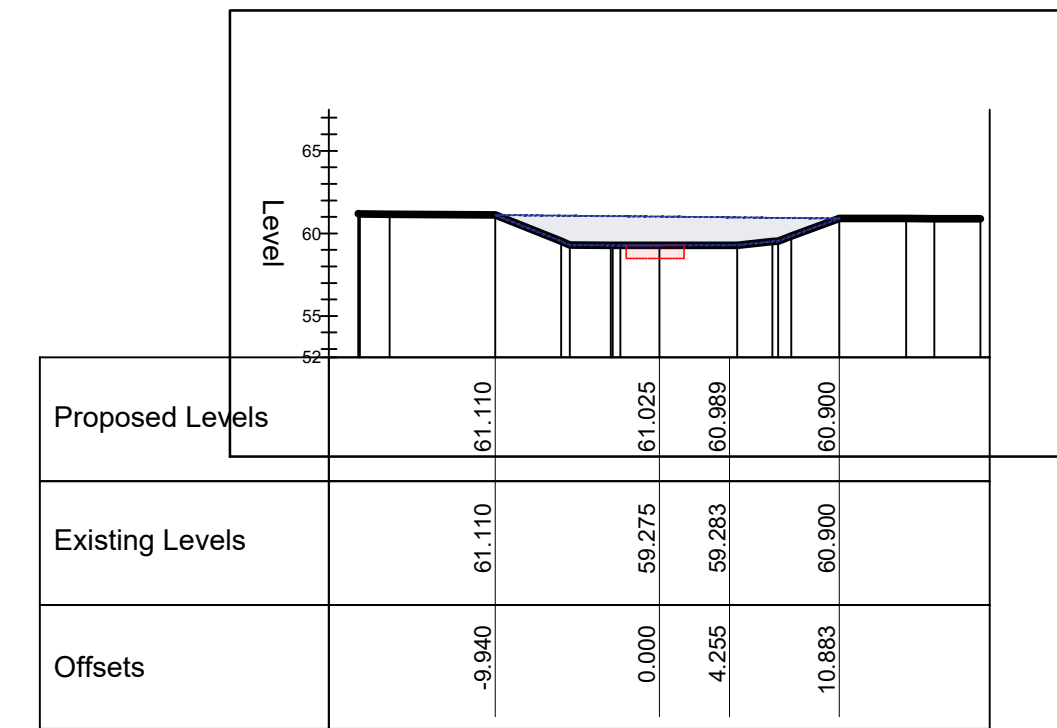
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ALPHAMET 151 - CONSTRUCTION
 SCALE: 1:1000 (1:5000 DATUM 95.50)

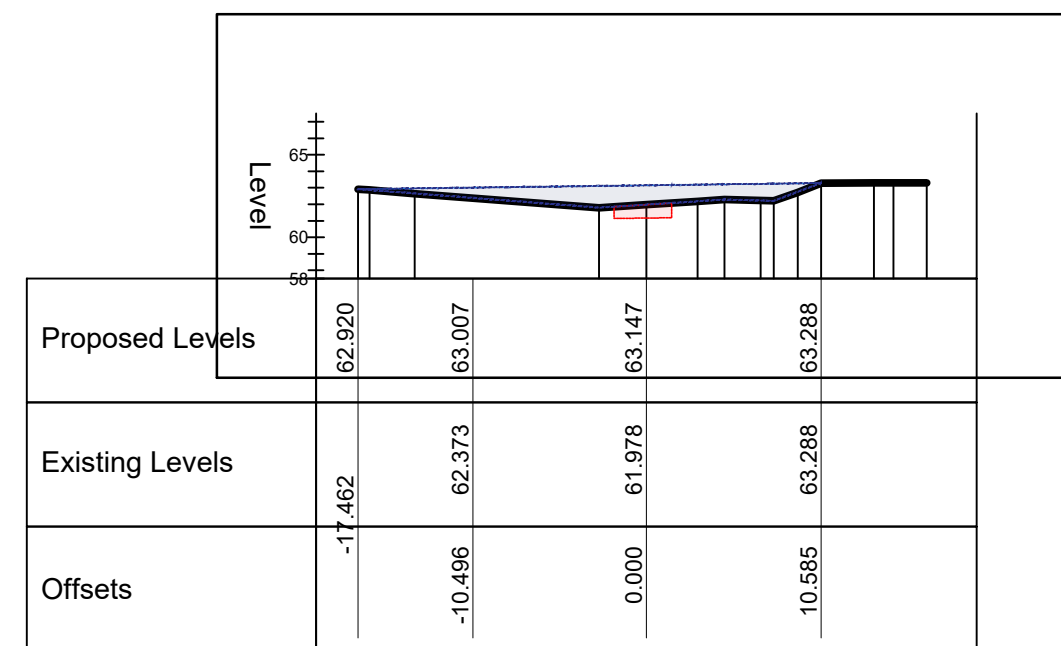




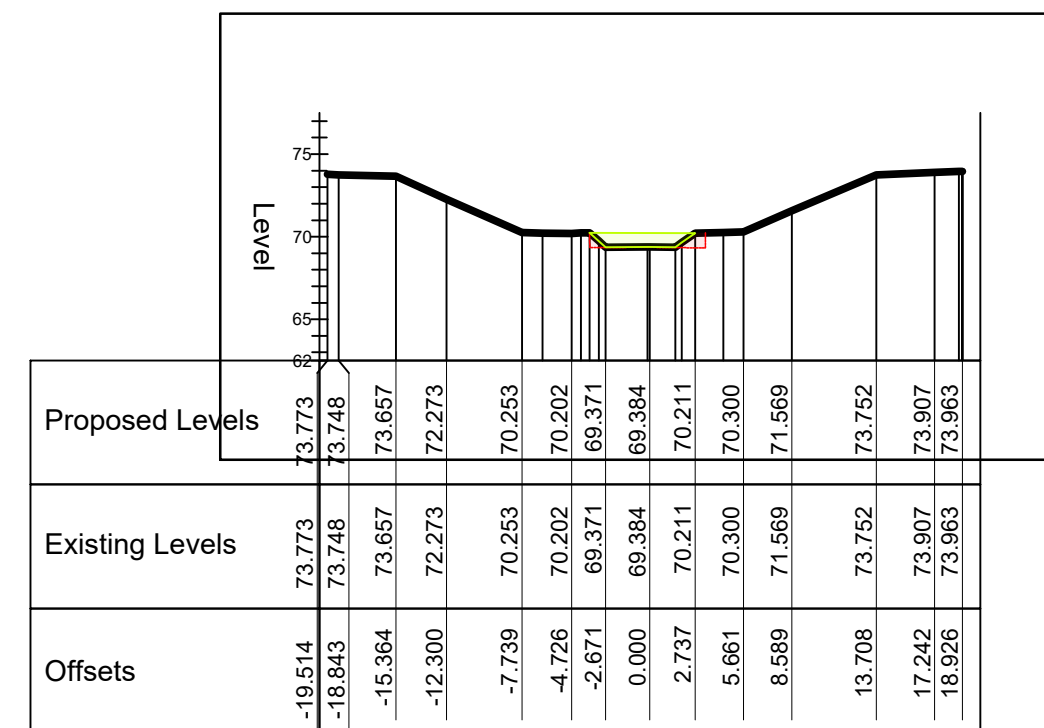
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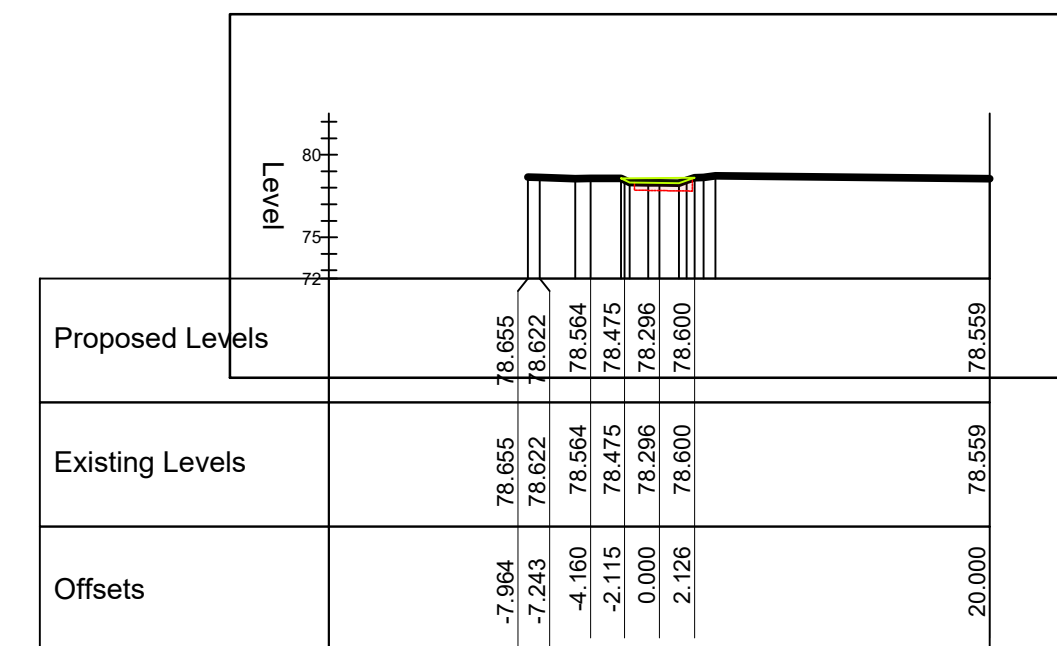
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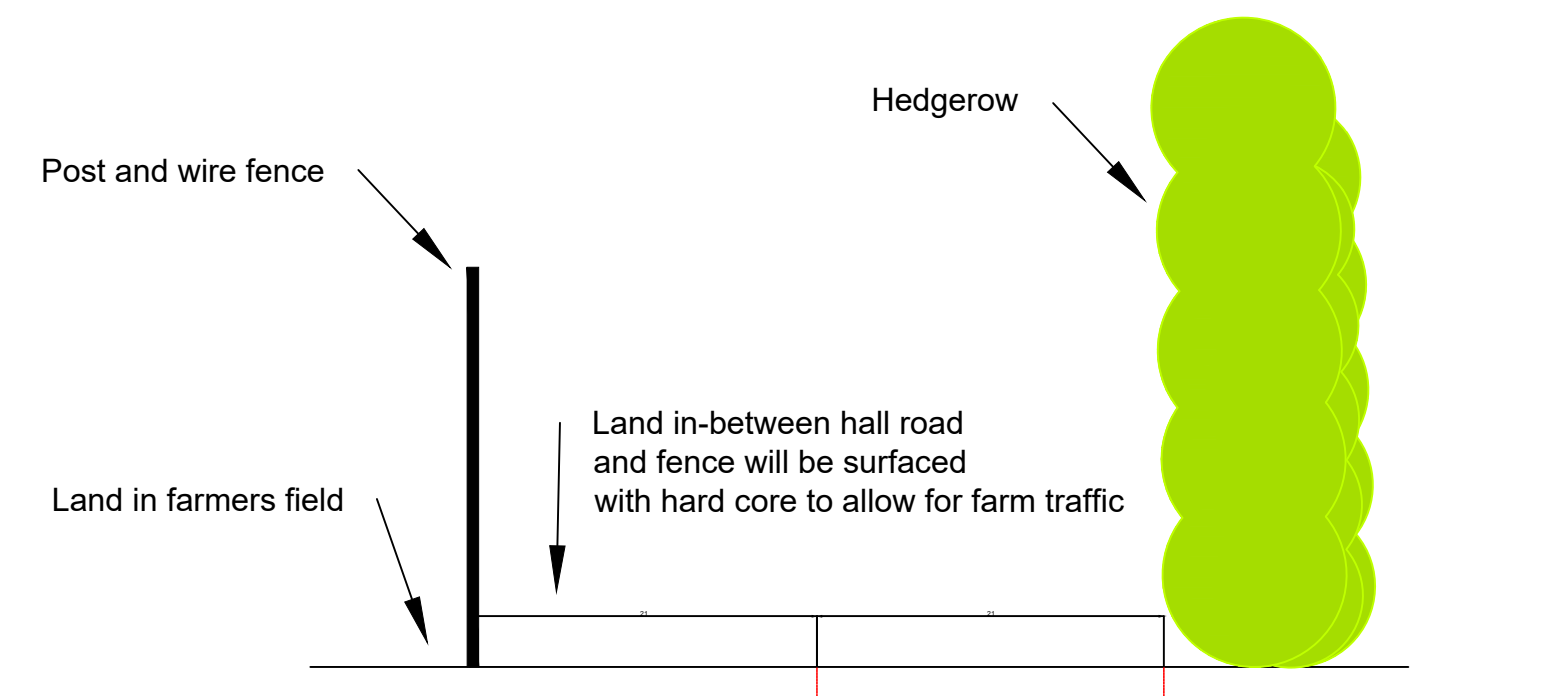
Section D



Section E



Section F



Bridleway Specifications:
 150mm deep basecourse (of 40mm crusher run)
 150mm depth whinstone (20mm down, fines rich)
 topped with 10mm depth 4mm down whinstone dust topping

Sections A-D

- Notes
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Key:

- Existing Land Level -
- Route of Haul Road -
- Infill Area to Existing Land Level -

Tarmac and hard core to be removed and the void infilled with appropriate materials

Ordnance Survey Licence number: 100057360

Drawing Revisions

Rev.	Drn.	Date	Details	Chk.
-	JW	18/05/2022	First issue	DK
A	JW	23/05/2022	Updated Layout	DK

Client
 Sanders Plant & Waste Management Ltd

Project
 Stobswood Haul Road

Title
 Cross Sections

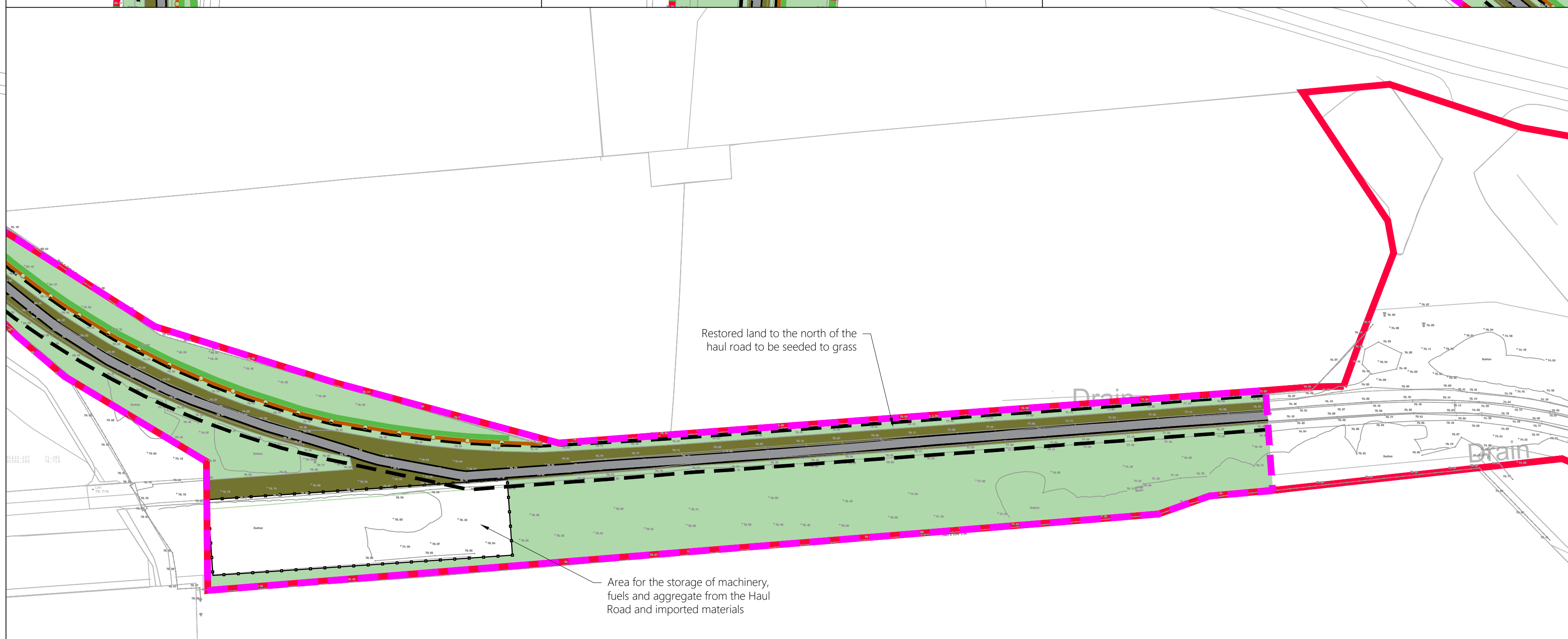
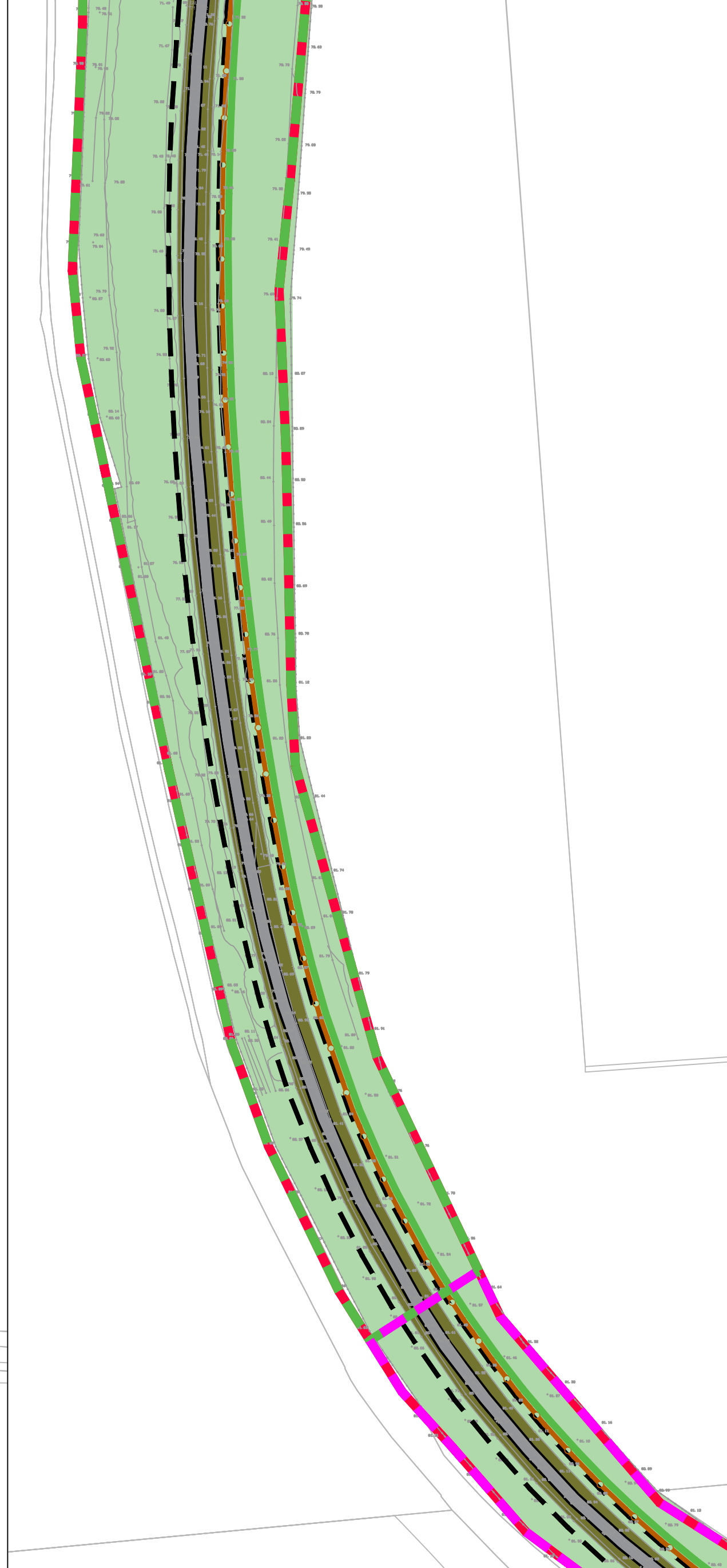
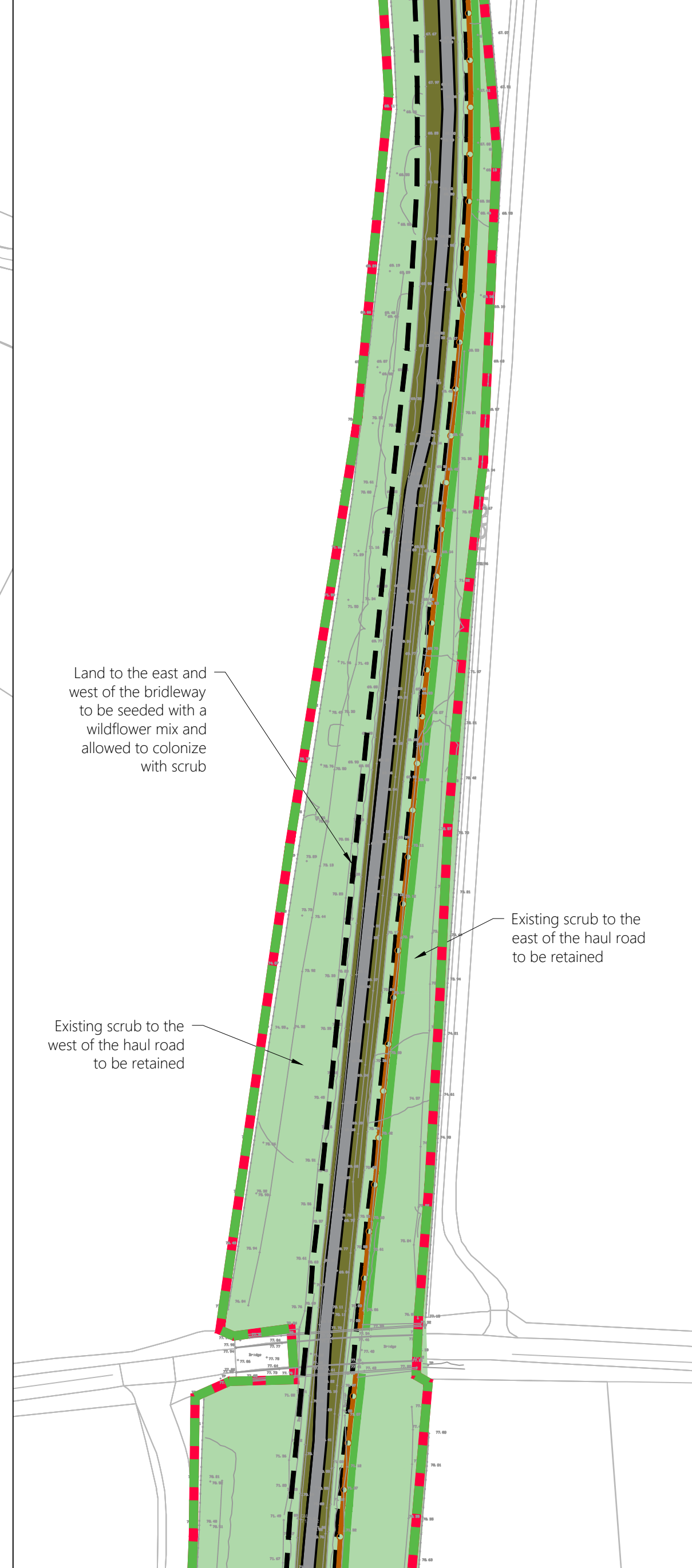
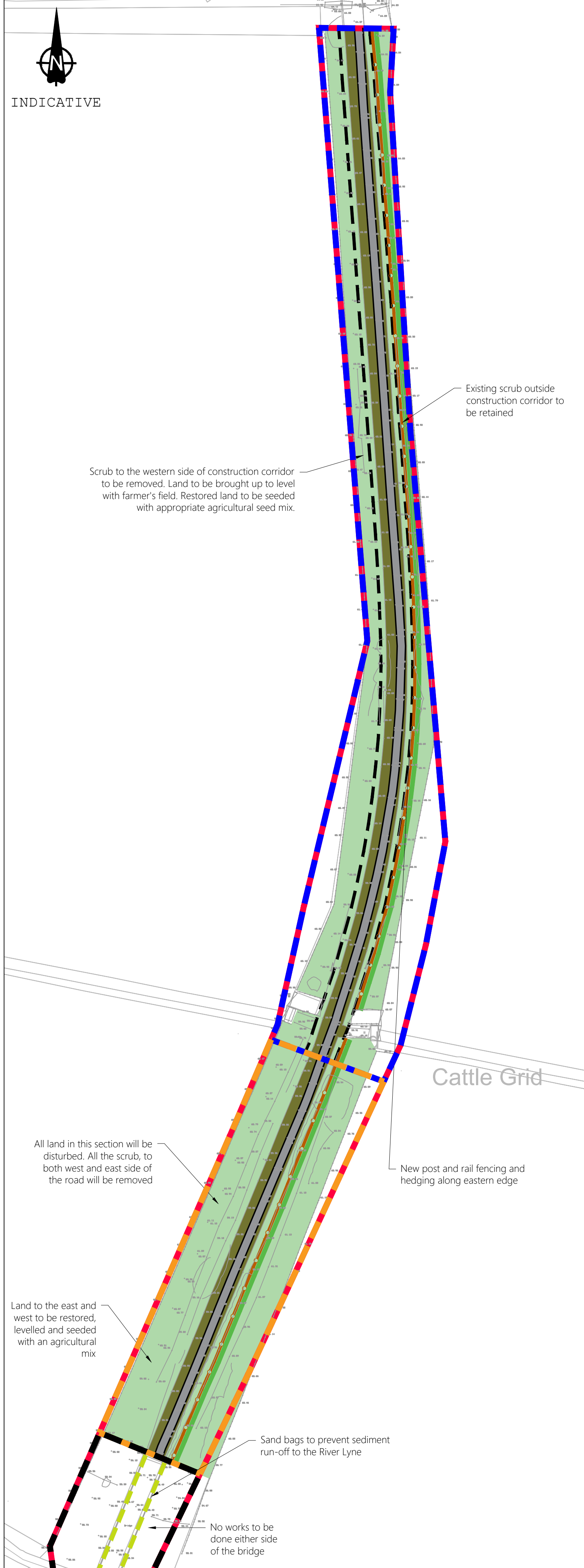
MILESTONE
 TRANSPORT PLANNING

Abbey House, 282 Farnborough Rd, Farnborough, Hants GU14 7NA
 Tel: 01483 397888
 Gateshead IBC, Mulgrave Terrace, Gateshead, NE8 1AN
 Tel: 0191 338 7220
 web: www.milestonetp.co.uk

Drawing Number: 21-144-006

Scale: Stated @ A1

Revision: A



Notes

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- This drawing has been based upon topographical survey information and Milestone Transport Planning cannot be held responsible for any discrepancies which may arise because of it.

Key

- Site Red Line Boundary
- Section A (Chainage 0m - 375m)
- Section B (Chainage 375m - 530m)
- Section C (Chainage 530m - 600m)
- Section D (Chainage 600m - 840m)
- Section E (Chainage 840m - 1560m)
- Section F (Chainage 1560m - 2064m)
- Proposed Bridleway
- Area of existing Haul Road removed and restored with seeded agricultural grass mix
- Area of scrub to be removed and restored with seeded agricultural grass mix
- Construction Corridor
- Post and Wire Fence with hedgerow

Ordinance Survey Licence number: 100057360

Drawing Revisions				
Rev:	Drn:	Date:	Details:	Chk:
-	PK	15/02/2023	First issue	DK
A	AM	17/02/2023	Minor amendments following comments	DK

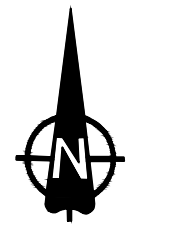
Client
Sanders Plant & Waste Management Ltd

Project
Stobswood Haul Road

Title
Operational Period Works Plan

MILESTONE
TRANSPORT PLANNING
Abbey House, 282 Farnborough Rd, Farnborough, Hants GU14 7NA
Tel: 01483 397888
Gateshead IBC, Mulgrave Terrace, Gateshead, NE8 1AN
Tel: 0191 338 7220
web: www.milestonetp.co.uk

Drawing Number: 21-144-008
Scale: 1:1000 @ A1
Revision: A



INDICATIVE



Site Compound Area.
Area of Site Compound to be
fenced off and land to be retained.


Temporary fencing to protect trees

Indicative location
wheel wash area

Indicative location and layout of
proposed Compound office

- Notes
1. Do not scale from this drawing. All dimensions shown are in metres unless noted otherwise.
 2. This drawing has been based upon topographical survey information and Milestone Transport Planning cannot be held responsible for any discrepancies which may arise because of it.

Key



Site Red Line Boundary

Ordinance Survey Licence number: 100057360

Drawing Revisions				
Rev:	Drn:	Date:	Details:	Chk:
*	PK	15/02/2023	First issue	DK
A	AM	17/02/2023	Minor amendments	PK

Client
Sanders Plant & Waste
Management Ltd

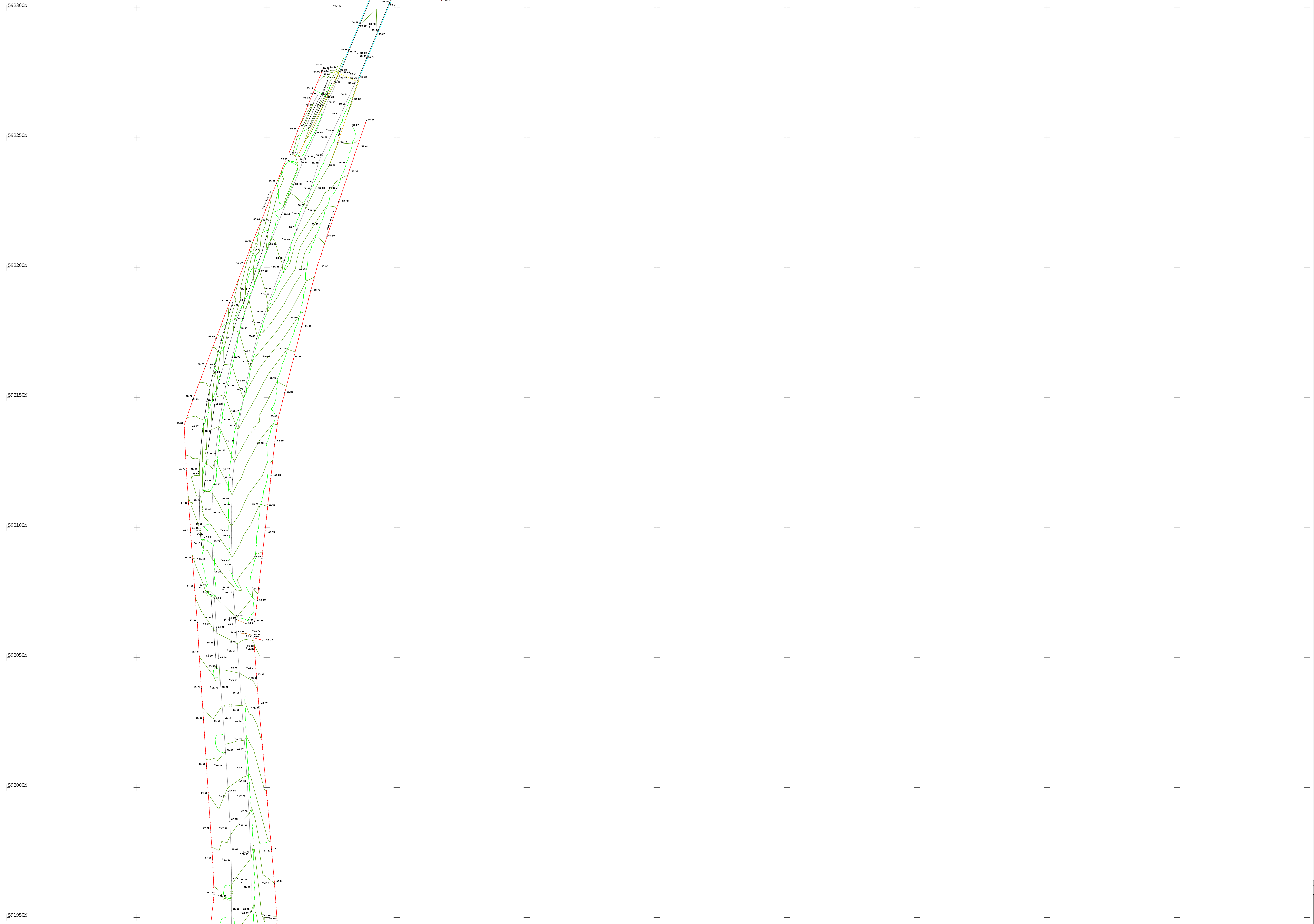
Project
Stobswood Haul Road

Title
Compound Area Plan

MILESTONE

Abbey House, 282 Farnborough Rd, Farnborough, Hants GU14 7NA
Tel: 01483 397888
Gateshead IBC, Mulgrave Terrace, Gateshead, NE8 1AN
Tel: 0191 338 7220
web: www.milestonetp.co.uk

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Revision: A	

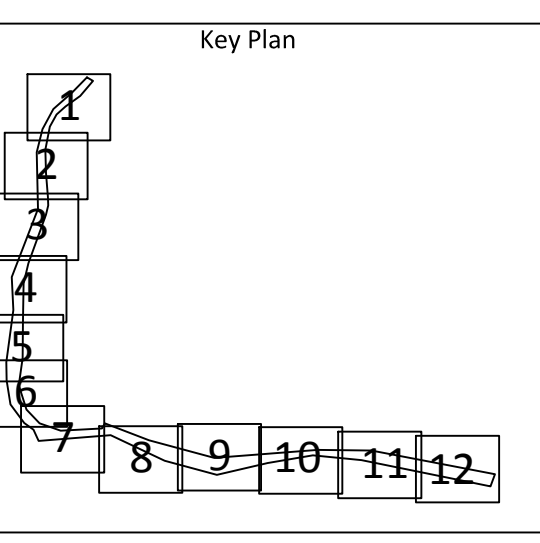


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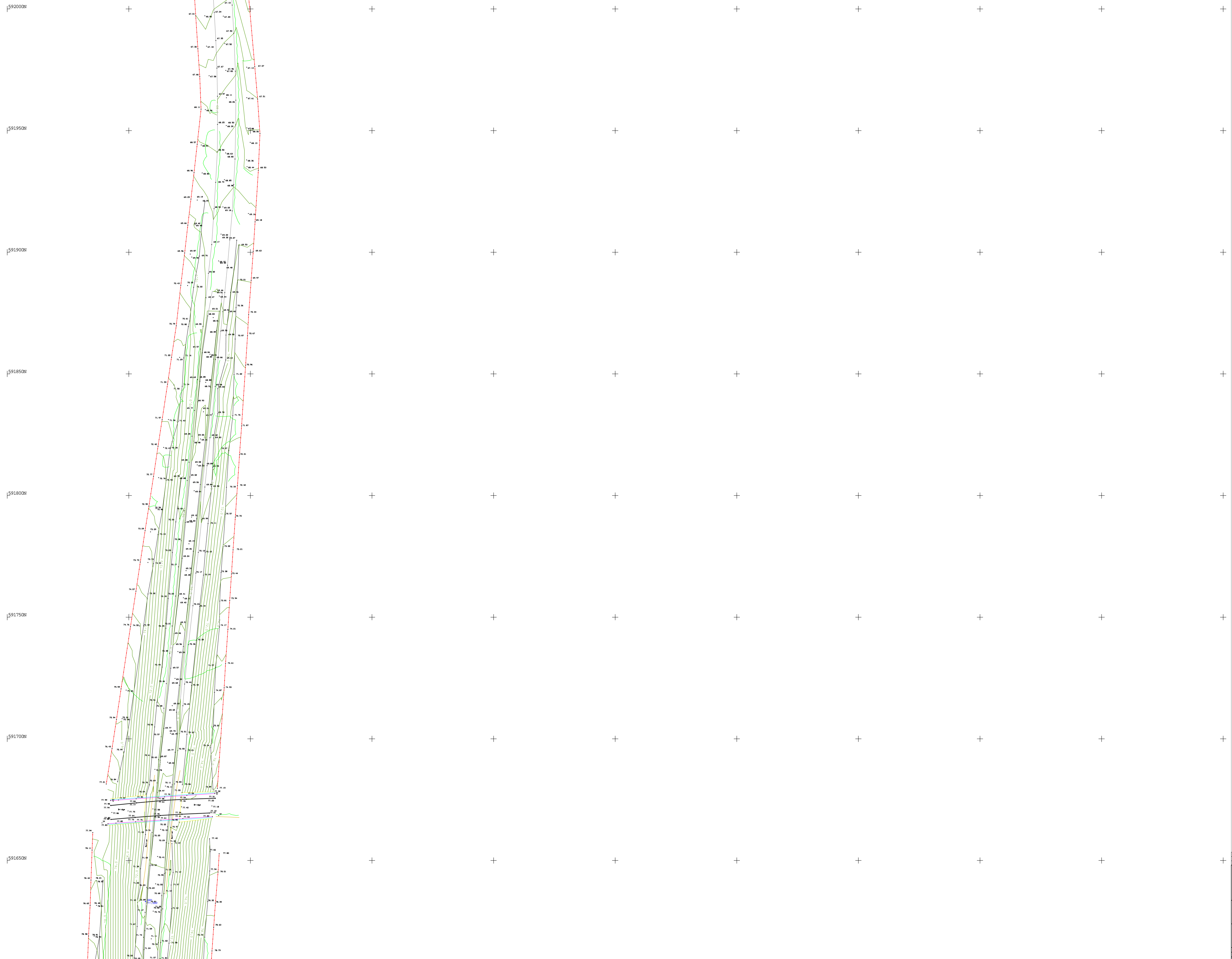
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ALL DIMENSIONS AND ELEVATIONS ARE SET BY DATA AT STATION 101.
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Gridmark Survey Ltd Longhirst Haul Road			
Topographic Survey			
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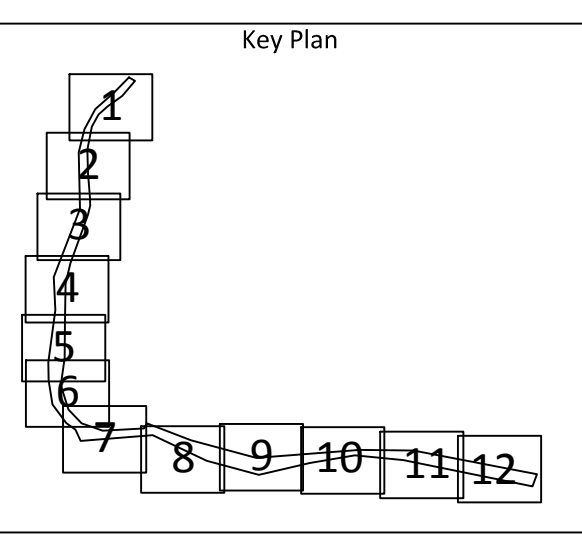


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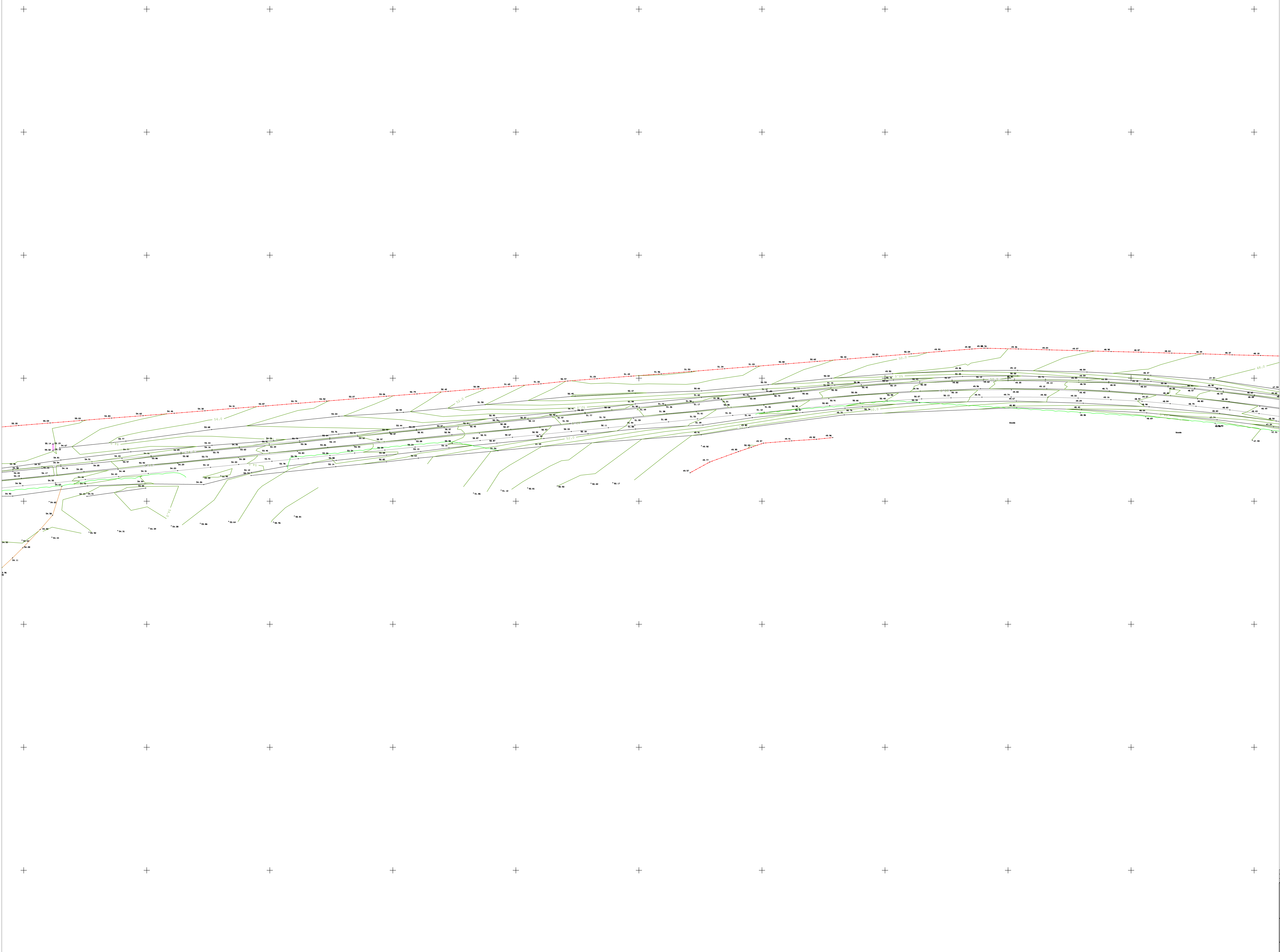
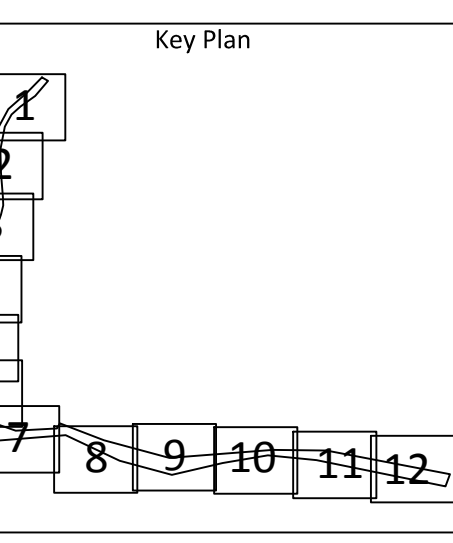


Drawn by	Checked by
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<p>Landform Surveys professional surveying solutions Quayside 1A, Gosforth Building, Whiston Road, Liverpool L35 9DF, UK t: 0151 2650255 f: 0151 2766316 e: office@landform-surveys.co.uk www.landform-surveys.co.uk</p>	
<p>Gridmark Survey Ltd Longhirst Haul Road</p>	
<p>Topographic Survey</p>	
Date	15/05/2024
Project	E168-005
Scale	1/500@AO

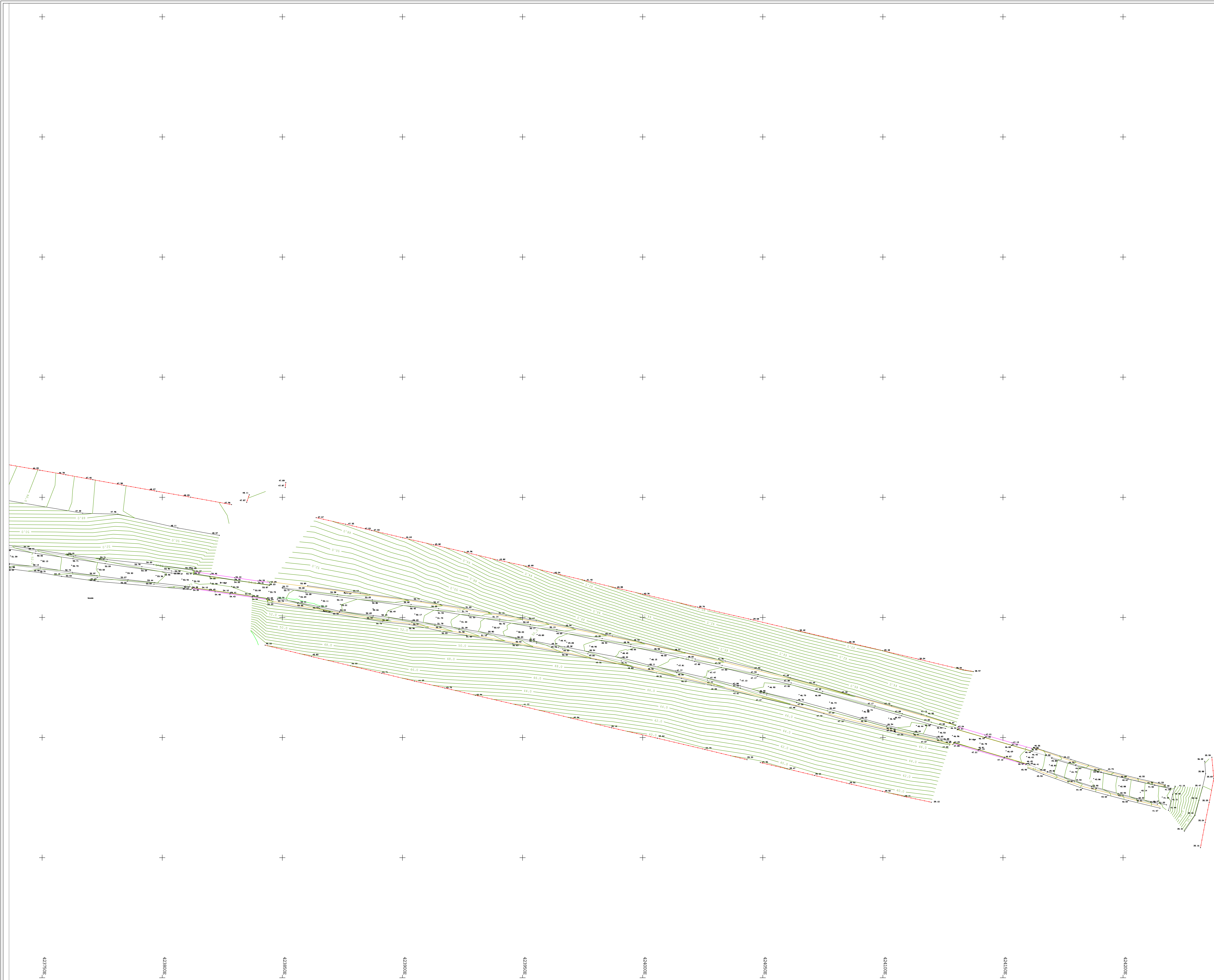
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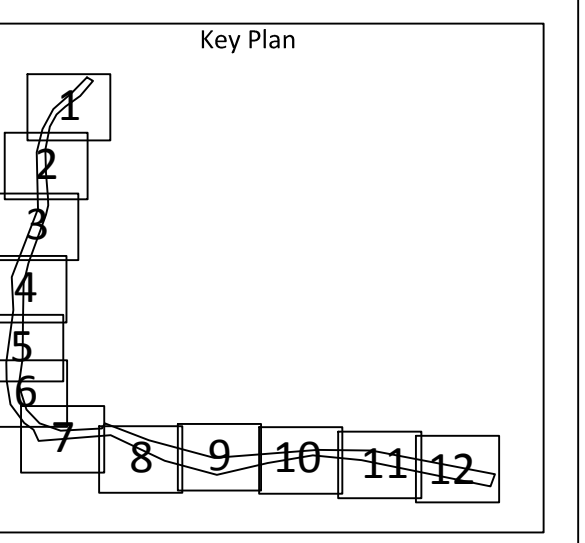
Landform Surveys professional surveying solutions Quayside, A, Quayside Building, Whiston Road, Whiston, Merseyside, L35 9EF t: 0151 2765255 f: 0151 2765636 e: office@landform-surveys.co.uk www.landform-surveys.co.uk	
Gridmark Survey Ltd Longhirst Haul Road	
Topographic Survey	
Date: 15/04/2024 Scale: 1:500 Project: E168-010	Drawing No: 1/500@BAO Client: GPC Ltd



Legend

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ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN METERS UNLESS OTHERWISE SPECIFIED.
 COORDINATES ARE TO THE NATIONAL GRID UNLESS OTHERWISE SPECIFIED.
 LEVELS ARE TO DATUM OF 1985 UNLESS OTHERWISE SPECIFIED.
 THE BOUNDARY OF THE SUBJECT IS TO BE TAKEN AS SHOWN.



DATE	BY	CHKD	APPD
Landform Surveys professional surveying solutions 650046-A, Goudhurst Building, Ashford Road, Margate, Kent TN26 3LL t: 01843 265055 f: 01843 276636 e: office@landform-surveys.co.uk www.landform-surveys.co.uk			
Gridmark Survey Ltd Longhirst Haul Road			
Topographic Survey			
Scale	1:500	Sheet No.	E168-012
Scale	1:500	Sheet No.	1/500@BAO

APPENDIX 2

PLANNING PERMISSION AND CONDITIONS

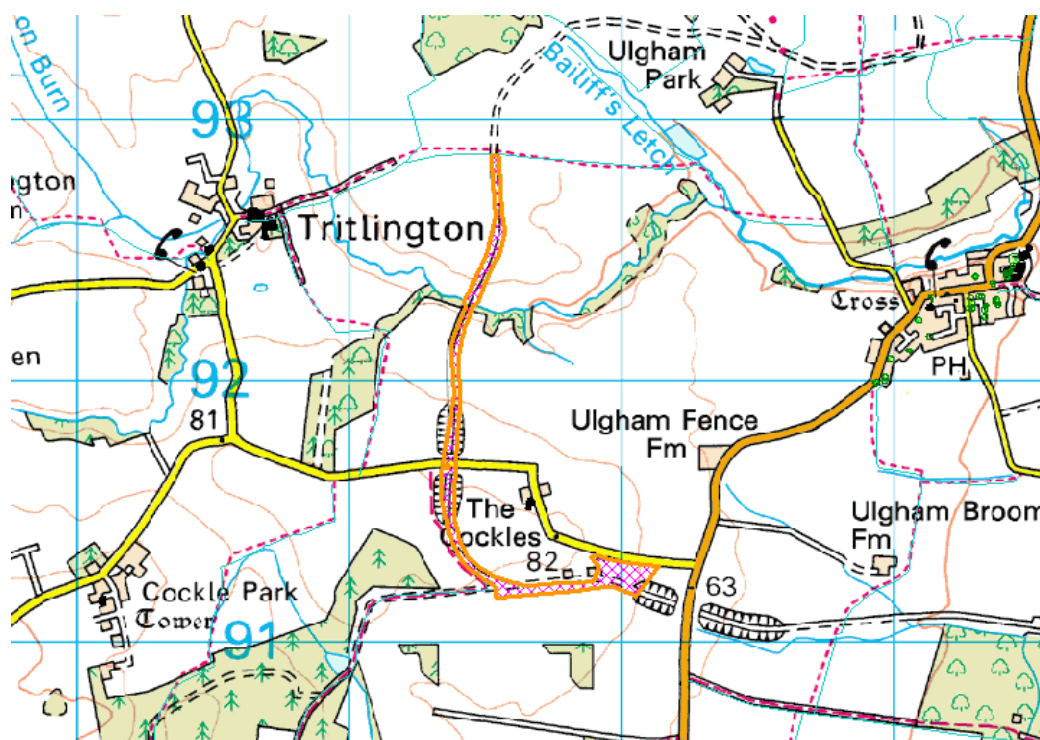


Northumberland County Council

Delegated Report – Subject to Completion of Planning Obligation

Application No:	22/02162/CCM		
Proposal:	Restoration, including removal of asphalt and sub-base associated with haul road, and importing inert material to infill resulting void at northern section of Stobswood Haul Road		
Site Address	Stobswood Haul Road, Ulgham, Northumberland		
Applicant:	Sanders Plant & Waste Management Limited	Agent:	Mrs Katie Wood 1 Meadowfield Court, Meadowfield Industrial Estate, Ponteland, Newcastle Upon Tyne NE20 9SD
Ward	Pegswood	Parish	Ulgham
Valid Date:	26 August 2022	Expiry Date:	31 March 2022
Case Officer Details:	Name: Mr Gordon Halliday Job Title: Consultant Planner Tel No: 07785 727053 Email: gordon.halliday@northumberland.gov.uk		

Recommendation: That this application is granted permission



1. Introduction

1.1 It has been agreed that this application can be determined under delegated powers.

1.2 The County Council has adopted a Screening Opinion under the Town and Country Planning (Environmental Impact Regulations) 2017. This concludes that the County Council, as Local Planning Authority, considers that the proposed development is not likely to have significant effects on the environment and as such is not considered to be EIA development.

2. The Application Site and Surrounding Area

2.1 The former haul road was a private road that linked the Stobswood opencast coal site to the Butterwell Disposal Point. Coal mined at the Stobswood site was transported along the road to the disposal point where it was loaded on to trains for onward transport to markets. The haul road is approximately 4.5 kilometres long and the current application relates to the northern and western section of the road which is approximately 2 kilometres long and runs from the former opencast site to a vehicular access point ('the old Butterwell Access Point') into the haul road from the C129 road.

2.2 The section of the former haul road that is the subject of this application runs south from the former Stobswood site over a metal Mabey Bridge over the River Lyne and continues under two public highways (C129 and B1337) through cuttings

2.2 It is proposed that the eastern section of the former haul road which runs from the access point to the east coast main railway line will be the subject of a separate planning application.

2.3 The haul road is 6 metres wide and up to 0.9 metres deep which includes a sub-base of hard-core type material overlain by an asphalt surface. A wide verge on either side of the road separates it from adjoining agricultural land with the distance between the adjoining fields varying from between about 10 metres and 30 metres. The road is generally set between 0.5 metres and 6 metres lower than the adjoining agricultural fields. The lower sections generally occur where the haul road passes underneath the public highway. In some sections the sub-base and asphalt has been removed without the resulting void being infilled.

3. Planning History

Reference Number: 05/00170/CCMEI

Description: Extraction of coal and fireclay by opencast methods including construction of underpass under C117 road and rail loading pad at Butterwell Disposal Point and restoration to woodland, open water, nature conservation uses and agriculture on land to the north of C117 road and to the north of Stobswood Opencast Coal Site, Morpeth.

Status: PERMITTED

Reference Number: 17/04350/DISCON

Description: Discharge of Condition 71 of planning decision 05/00170/CCMEI requiring the submission of full restoration details for the

Stobswood coal haul road with full restoration to agriculture, woodland and public access.

Status: PENDING

3.1 The former Stobswood Haul Road was a private road used to link the Stobswood opencast coal site with the Butterwell Disposal Point. Coal extracted from the Stobswood site was transported by dump trucks to the disposal point where it was loaded on to trains for despatch to markets. Condition 71 of the planning permission for the Stobswood site required the haul road to be restored on the completion of coal extraction. For a variety of reasons restoration did not take place within the required timescales and since the submission of the application to discharge condition 71 in 2017, Harworth Estates have sold the land to Sanders Plant and Waste Management Ltd. It has been agreed that the application to discharge condition 71 will remain undetermined until the position with the restoration of the haul road is finalised.

3.2 The new landowners reviewed the previous submission by Harworth Estates and entered into formal pre-application discussions with Council officers. Through these discussions a number of issues have arisen relating to the ownership and responsibility of the highway structures and the land below these structures. The applicants concluded that as these issues might take additional time to resolve, it would be more appropriate and timely to submit a scheme for the northern and central sections of the former haul road, with a separate planning application to be submitted in due course for the eastern section of the haul road. Council officers agreed that this would be an acceptable way to proceed. The requirement to submit a planning application for the restoration of the other sections of the former haul road is the subject of a Section 106 Planning Obligation.

4. Description of the Proposal

4.1 The original scheme proposed by Harworth Estates included the following elements.

- The removal of the asphalt top and excess sub-base material making up the haul road.
- The creation of a bridleway along the length of the haul road.
- Existing hedgerows to be supplemented and retained as appropriate.

4.2 The main change in the current application is to import soils in order to restore the site. Sections of the asphalt and sub-base have been removed in previous years leaving voids that need to be backfilled. Similarly the removal of the remaining asphalt and sub-base will leave voids that need filling. The scheme therefore comprises the following operations.

- Removal of the asphalt and hard-core sub-base to Sanders site in Pegswood for recycling.
- Infilling of voids with imported clays and soils including bringing levels up to similar levels as adjacent farmland.
- Construction of a 3 metre wide bridleway to link into existing public rights of way and the C129 at the Butterwell Access Point.
- Fencing / hedge planting adjacent to the bridleway.
- Retention and repair as necessary of the 70 metre long Mabey Bridge over the River Lyne.
- Retention of underpass beneath the C129 to allow continued access for bridge inspections by the Highways Authority.

4.3 The proposal identifies 6 sections of the haul road and sets out details of how each section will be restored. In total it is estimated that 10,800 cubic metres of sub-base and asphalt will be removed from the site for recycling. In order to bring the levels up to the levels of the adjacent agricultural land it is estimated that an additional 2,700 cubic metres of soils and clays will need to be imported meaning that the total amount of material to be imported is estimated as 13,500 cubic metres. There will be a maximum of 12 loaded wagons entering and leaving the site each day (24 movements in total). It is proposed that the operations will take three years and if the works were to be undertaken at a constant rate there would be 3 vehicles entering and leaving the site each day (6 movements in total). However, it is envisaged that working will not be consistent throughout the three years.

4.4 The site working hours will be 08.00 – 17.00 Monday to Friday, 08.00 – 12.00 on Saturdays with no working on Sundays or public or bank holidays. The machinery will include a 360 excavator, dozer and dump truck. There will be no crushing or screening on site. A compound will be created close to the improved site access point on the C129. The compound will include office and welfare facilities and areas for the storage of the materials to be exported and imported. Some of these works have already been carried out but it has been decided not to take enforcement action whilst a decision on the planning application is pending.

5. Consultee Responses

Ulgham Parish Council	No objections. The bridleway should be completed as soon as possible.
Longhirst Parish Council	No response received.
Tritlington and West Chevington Parish Council	No response received.
The Coal Authority	No objections.
Environment Agency	No objections
Forestry Commission	No response received.
County Highways	No objections subject to conditions.
County Ecologist	No objections subject to conditions.
Public Protection	No comments.
Lead Local Flood Authority (LLFA)	No objections subject to the imposition of a condition on the disposal of surface water.
Countryside/ Rights Of Way	No objections subject to the imposition of planning conditions / legal agreements related to the creation of the bridleway.
Climate Change Team	No response received.

6. Public Responses

5.1 Neighbour Notification

Number of Neighbours Notified	5
Number of Objections	1
Number of Support	1
Number of General Comments	1

Notices

5.2 Site notices were posted in the vicinity of the site on 1 September 2022. A press notice was placed in the Northumberland Gazette on 8 September 2022.

Summary of Responses:

- 5.3 The letter of objection received to the application objects on the following grounds.
- The proposal does not deal with the full length of the haul road leaving decisions about both ends of the bridleway to some unspecified future time.
 - Other footpaths neglected since opencasting began should meet the bridleway and be cleared and signposted.
 - There is no provision for even modest car parking to avoid parking on narrow lanes in the area.

5.4 The letter of support referred to the proposal taking into account both public access and restoration including the seamless reconstitution of farmland.

5.5 The British Horse Society has welcomed the submission of the application and considers that the proposed bridleway will be a welcome addition to the local network providing several miles of safe off-road riding for horses and cyclists and walkers, linking many other paths in the area. It notes that this is only a partial plan with access points at either end not specified. It urges proposals for rest of the former haul road to be brought forward in a timely manner. It makes a number of suggestions for access points to meet the rights of way network.

5.6 The above is a summary of the comments. The full written text is available on our website at:
<https://publicaccess.northumberland.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=Q87O7YQSFNO00>

6. Planning Policy

6.1 In accordance with Section 38 (6) of the Planning and Compulsory Purchase Act 2004, planning applications should be determined in accordance with the development plan, unless material considerations indicate otherwise. In this case the development plan is the Northumberland Local Plan (NLP) that was adopted on 31 March 2022. The policies in the NLP are therefore up-to-date and must be given full weight.

6.2 The policies in the NLP that are relevant to the consideration of the application include the following policies.

STP 1: Spatial strategy
STP 2: Presumption in favour of sustainable development
STP 3: Principles of sustainable development
STP 6: Green infrastructure
STP 7: Strategic approach to the Green Belt

STP 8: Development in the Green Belt
TRA 1: Promoting sustainable connections
TRA 2: The effects of development on the transport network
QOP 2: Good Design and Amenity
ENV 1 Approaches to assessing the impact of development on the natural, historic and built environment
ENV 2 Biodiversity and Geodiversity
ENV 3 Landscape
WAT 3: Flooding
WAT 4: Sustainable Drainage Systems
POL 2 Pollution and air, soil and water quality
MIN 3: Mineral and landfill site restoration, aftercare and after-use
WAS 3: Waste disposal

6.3 The National Planning Policy Framework (NPPF) (2021), Planning Practice Guidance (PPG) and the Northumberland Landscape Character Assessment (2010) are material considerations in determining this application.

7. Appraisal

7.1 The main issues for consideration in the determination of this application are:

- Principle of the development
- Green Belt
- Public Rights of Way
- Landscape and visual impact
- Impact on residential amenity
- Transport considerations
- Impact on ecology
- Water Management

Principle of the Development

7.2 Policy STP 1 of the NLP sets out the spatial strategy for Northumberland and directs development towards established settlements. Outside of these settlements, development in the open countryside will only be supported if it meets one of the exceptions listed in criterion g of the policy. This includes if the proposal relates to the extraction and processing of minerals in accordance with other policies in the NLP. As the current proposal concerns the restoration of land related to mineral extraction, it is considered that there is no policy conflict with policy STP 1, dependent upon alignment with other minerals and waste policies.

7.3 Mineral site restoration is covered by NLP Policy MIN 3 which states that proposals should deliver net gains for biodiversity and improved public access through the expansion of the rights of way network. Policy TRA 1 (part 1(e)), states that support will be given to development that protects, enhances and supports

public rights of way. NPPF paragraph 98 requires planning decisions to protect and enhance public rights of way and access, including taking opportunities to provide better facilities for users.

7.4 Paragraph 205(e) of the NPPF states that minerals planning authorities should provide for the restoration and aftercare at the earliest opportunity, to be carried out to high environmental standards. Whilst it is regrettable that the restoration of the haul road has been delayed, this has resulted from historical factors when the land was in different ownership.

7.5 In order to achieve the restoration of the site, the proposal includes importing significant quantities of inert waste. NLP Policy WAS 3 sets out the strategy for the disposal of waste which includes encouraging the use of inert waste material to restore former mineral sites. It is considered that the applicant has provided justification for the importation of material and the quantities of inert waste to be imported.

7.6 It is concluded therefore that NLP minerals and waste policies support the principle of the proposed development and that the proposal accords with the spatial strategy for Northumberland set out in the NLP.

Green Belt

7.7 The majority of the former haul road is within the Green Belt. NLP Policy STP 8 states that certain forms of development are not inappropriate in the Green Belt provided they preserve its openness and do not conflict with the purposes of including land within it. The engineering operations proposed in this application are not inappropriate development in the Green Belt, will not impact on its openness and do not conflict with the strategic aims of the Northumberland Green Belt as defined in NLP Policy STP 7. The proposal is therefore in accordance with national and local planning policy for the Green Belt.

Public Rights of Way

7.8 NLP Policy STP 6 includes provisions to secure improved public rights of way, Policy TRA 1 seeks to protect, enhance and support public rights of way and Policy MIN 3 seeks to deliver an expansion of the public rights of way network in the restoration of former mineral sites. The provision of a bridleway as part of the restoration of the haul road has been a longstanding commitment and was included in the original restoration plans for the Stobswood opencast coal site.

7.9 The submissions include the construction of a 3 metre wide bridleway bounded by a post and rail fence to the west and a hedgerow to the east. The bridleway will link into an existing bridleway and public rights of way to the north of the site and to the C129 in the south. It would be constructed with a finishing layer of 200 mm of type 2 sub-base overlaying 50mm depth of finer grade material, compacted and kept free of larger stones at the surface. This technical specification accords with County Council guidelines and is supported by the British Horse Society.

7.10 The Public Rights of Way (PROW) team has reviewed the submissions. Overall, it supports the creation of the proposed public bridleway along the old haul road as specified, and the necessary creation of a connection to link with Ulgham

BR20 (424/020) as specified. It states that no alterations or works should be carried out which will affect the adjacent public rights of way network without prior consent or any legal orders being made and confirmed.

7.11 The PROW team therefore recommends that a condition is imposed on any planning consent requiring the applicant to enter into a legal agreement to create a public bridleway as shown within the application. As the application only relates to the northern and central section of the haul road to the west of the B1337, the PROW team also recommend that a further condition is imposed that the applicant will enter into a legal agreement to allow a public bridleway creation order to be made on the section of the proposed bridleway east of this application area and tying in with the C124 county road known as Ulgham Lane. This would allow the proposed bridleway on the restored haul road to be connected to the local highways and public right of way network. These matters are the subjects of a Section 106 Planning Obligation.

7.12 The PROW team also advise that no action should be taken to disturb the path surface, without prior consent from the Highway Authority, obstruct the path or in any way prevent or deter public use without the necessary temporary closure or Diversion Order having been made, confirmed and an acceptable alternative route provided.

7.13 Agricultural vehicles will require access to some sections of the former haul road and therefore it is proposed that along these sections a strip of land approximately 3 metres wide to the west of the bridleway will be surfaced in hardcore and be capable of use by agricultural vehicles.

7.14 It is considered that the proposal to create a new bridleway accords with Policies STP 6, TRA 2 and MIN 3 of the NLP. The various recommendations of the PROW team have been included in the proposed conditions, informatives and Section 106 Planning Obligation.

Landscape and Visual Impact

7.15 NLP Policies ENV 1 and ENV 3 requires development proposals to conserve and enhance important elements of landscape character. The site is not within an area that has a landscape designation. It is within the South East Northumberland Coastal Plain National Landscape Character Area. At the County scale it is within the Coalfield Farmland Character Type and the Coastal Coalfields Character Area. In the Northumberland Landscape Character Assessment (2010), the restoration of former opencast operations is seen as having great potential as a force for change. The creation of opportunities for recreation through restoration is encouraged

7.16 The current character of the area is open countryside and the former coal haul road is an industrial feature that in its current condition has an adverse impact upon the character of the area. Restoring the site by the removal of the existing unsightly road surfacing and sub-base material, bringing the land up to the level of adjoining agricultural land and providing the bridleway will improve the character and visual amenity of the area. This accords with the provisions of the Northumberland Landscape Character Assessment

7.17 There will be some adverse impacts on visual amenity during the construction period in particular associated with the temporary structures and storage of materials near the site entrance. The applicant has requested that the site compound is close

to the site entrance for security reasons. There are clear uninterrupted views into the site at the access point but the adverse effects are not considered to be sufficient to justify refusal.

7.18 Overall it is concluded that the proposed development is in accordance with NLP Policies ENV 1 and ENV 3.

Impact on Residential Amenity

7.19 NLP Policy STP 5 requires development proposals to demonstrate that they will prevent negative impacts on amenity and do not have a negative impact on air and noise pollution.

7.20 There are few residential properties close to the former haul road, the nearest residential properties being approximately 800 metres to the north-east. The village of Tritlington is approximately 800 metres to the west and Ulgham is approximately 1.3 kilometres north east of the proposed access point from the public highway.

7.21 The Public Protection team were consulted on the application but had no comments to make. In view of the nature of the proposed operations and the distance from residential properties it is considered that there will be minimal adverse effects in terms of noise or dust. The potential impact of transport operations on residential amenity is considered below. The proposed development therefore is in accordance with NLP Policy STP 5.

Transport Considerations

7.22 NLP Policy TRA 2 requires development proposals to provide effective and safe access and egress to the existing transport network and include appropriate measures to avoid, mitigate and manage any significant impacts on highway safety.

7.20 The former haul road does not form part of the adopted highway but the proposed access and egress is an existing access point on the C129 road. This access has already been widened. There will be a maximum of 12 loaded wagons entering and leaving the site each day (24 movements in total). It is proposed that the operations will take three years and if the works were to be undertaken at a constant rate there would be 3 vehicles entering and leaving the site each day (6 movements in total). However, it is envisaged that working will not be consistent throughout the three years. The proposed level of use is not therefore significant.

7.21 County Highways have reviewed the proposals and have raised no objections subject to the imposition of conditions. One comment from a member of the public refers to heavy goods vehicles travelling through Ulgham to access the site. A condition is recommend to limit the number of HGVs entering and leaving the site.

7.22 It is concluded that the proposed development is in accordance with NLP Policy TRA 2.

Impact on Ecology

7.23 NLP Policy ENV 2 states that development proposals affecting biodiversity will minimise their impact avoiding significant harm through location and / or design and secure a net gain for biodiversity.

7.24 There are no statutory or non-statutory designated ecological sites within 1 kilometre of the application area. The nearest statutory site of nature conservation interest is Ulgham Meadow Local Nature Reserve (LNR) located 2 km east of the site. The LNR supports several habitats including woodland, wetland and scrub and a range of wildlife including otters, kingfishers and grey heron. There are no records of protected or priority species being present on the site within the past ten years. A field survey carried out by the applicant's ecologist recorded no signs of protected species being present. The hedgerows within the site would be considered to be Priority Habitat at both Local and National level. The River Lyne that passes under the Mabey Bridge on the former haul road is likely to be considered both a UK and LBAP Priority Habitat.

7.25 A Preliminary Ecological Appraisal was submitted with the application. The County Ecologist reviewed this document but found that it contained insufficient information and raised a holding objection pending the submission of further details on measures to avoid harm to protected species and habitats during construction and details for habitat creation or restoration where features are being lost. The County Ecologist and the applicant's ecologist subsequently carried out a site visit to obtain a full understanding of the proposed development.

7.26 A Construction Environmental Management Plan (CEMP) and a Landscape and Ecological Management Plan (LEMP) were subsequently submitted. These were reviewed by the County ecologist who considered that they are appropriate to manage the construction phase to avoid harm to protected species and to restore the ecological value of the site after the proposed works are complete.

7.27 It is concluded therefore that subject to the imposition of conditions the proposed development is in accordance with NLP Policy ENV 2.

Water Management

7.28 Policy WAT 3 of the Northumberland Local Plan requires development proposals to demonstrate how they will minimise flood risk. Policy WAT 4 requires developments to incorporate water sensitive urban design features including Sustainable Drainage Systems (SuDS) wherever necessary, in order to separate, minimise and control surface water run-off.

7.29 A Flood Risk Assessment and Drainage Strategy prepared by Coast Consulting Engineers was submitted in support of the planning application. Environment Agency flood maps indicate that the development boundary is located largely within an area classified as a Flood Zone 1. Land located within a Flood Zone 1 is defined as having a less than 1 in 1000 annual probability of river or sea flooding in any year.

7.30 The flood maps show there are 4 identified low to high risk existing surface water flooding areas at the site which the Coast report states are likely to be due to a combination of flat existing gradients and poorly managed surface water run-off from the haul road. To mitigate this the proposal is to construct a v-ditch running parallel to the haul road which will convey any excess surface water flows from the restored haul road to the River Lyne and to the Longhirst Burn.

7.31 The report also assesses the risk of groundwater flooding to the development which can be considered as low.

7.32 The report has been reviewed by the Local lead Flood Authority who are raising no objections subject to the imposition of a condition on the disposal of surface water. It is concluded therefore that the proposed development is in accordance with NLP Policies WAT 3 and WAT 4.

Other Matters

Equality Duty

7.33 The County Council has a duty to have regard to the impact of any proposal on those people with characteristics protected by the Equality Act. Officers have had due regard to Sec 149(1) (a) and (b) of the Equality Act 2010 and considered the information provided by the applicant, together with the responses from consultees and other parties, and determined that the proposal would have no material impact on individuals or identifiable groups with protected characteristics. Accordingly, no changes to the proposal were required to make it acceptable in this regard.

Crime and Disorder Act Implications

7.34 it is not considered that the proposals that are the subject of this planning application have any implications in relation to crime and disorder.

Human Rights Act Implications

7.35 The Human Rights Act requires the County Council to take into account the rights of the public under the European Convention on Human Rights and prevents the Council from acting in a manner which is incompatible with those rights. Article 8 of the Convention provides that there shall be respect for an individual's private life and home save for that interference which is in accordance with the law and necessary in a democratic society in the interests of (inter alia) public safety and the economic wellbeing of the country. Article 1 of protocol 1 provides that an individual's peaceful enjoyment of their property shall not be interfered with save as is necessary in the public interest.

7.36 For an interference with these rights to be justifiable the interference (and the means employed) needs to be proportionate to the aims sought to be realised. The main body of this report identifies the extent to which there is any identifiable interference with these rights. The Planning Considerations identified are also relevant in deciding whether any interference is proportionate. Case law has been decided which indicates that certain development does interfere with an individual's rights under Human Rights legislation. This application has been considered in the light of statute and case law and the interference is not considered to be disproportionate.

7.37 Officers are also aware of Article 6, the focus of which (for the purpose of this decision) is the determination of an individual's civil rights and obligations. Article 6 provides that in the determination of these rights, an individual is entitled to a fair and public hearing within a reasonable time by an independent and impartial tribunal. Article 6 has been subject to a great deal of case law. It has been decided that for

planning matters the decision making process as a whole, which includes the right of review by the High Court, complied with Article 6.

8. Conclusion

8.1 The restoration of the former Stobswood Haul Road has been delayed for a variety of reasons. The new owners of the site have submitted this application to secure the restoration of the northern and western sections of the road. It is concluded that Northumberland Local Plan (NLP) minerals and waste policies support the principle of the proposed development and that the proposal accords with the spatial strategy for Northumberland set out in the NLP.

8.2 The implications of the proposals for the Green Belt, public rights of way, landscape and visual impact, residential amenity, transport considerations, ecology, water management and other relevant matters have been assessed and the proposal is considered to accord with relevant NLP policies and the NPPF.

9. Recommendation

9.1 That this application be GRANTED planning permission subject to the following.

i. The satisfactory conclusion of a Section 106 Planning Obligation for the submission of a planning application for the sections of former haul road in the ownership of the applicant and the creation of the orders for the bridleway.

ii. The following conditions.

1. The development hereby permitted shall be begun before the expiration of three years from the date of this permission.

Reason: To comply with Section 91 of the Town and Country Planning Act 1990 (as amended)

2. The development hereby permitted shall not be carried out otherwise than in complete accordance with the approved plans and documents. The approved plans and documents for this development are:

Plans

- a. Location Plan (Drawing 21-144-001 Rev B)
- b. Existing and Proposed Extent of Works (Drawing 21-144-002 Rev C)
- c. Existing and Proposed Signage (Drawing 21-144-003)
- d. Restoration Plan (Drawing 21-144-004)
- e. Site Access Arrangements (Drawing 21-144-005 Rev A)
- f. Cross Section (Drawing 21-0144-006)
- g. Operational Period Works Plan (Drawing 21-144-008 Rev. A)
- h. Compound Area Plan ((Drawing 21-144-009 Rev. A)

Documents

- i. Planning Statement. R&K Wood Planning LLP on behalf of Sanders Plant and Waste Management. June 2022
- j. Restoration Plan. FWS Geotechnical & Environmental Consultants. (Rev. 2) June 2022.
- k. Flood Risk assessment and Drainage Strategy. Coast Consulting Engineers. 19 August 2022
- l. Construction Environmental Management Plan. R&K Wood Planning. 28 February 2023,
- m. Landscape and Ecological Management Plan. AES Ltd. February 2023

Reason: To ensure that the approved development is carried out in complete accordance with the approved plans and documents.

3. The Local Planning Authority shall be notified in writing within 7 days of the development having commenced, of the date of the commencement of site operations

Reason: In the interests of the proper working of the site in accordance with Policy MIN 3 of the Northumberland Local Plan.

4. The permission hereby granted is for a period expiring on 31 December 2027. The exportation of materials for recycling from the site and the importation of soils shall cease no later than 31 December 2026 and the site shall be fully restored no later than 31 December 2027 in full accordance with the plans and details hereby approved.

Reason: In the interests of the proper working and restoration of the site in accordance with Policy MIN 3 of the Northumberland Local Plan.

5. The operator shall ensure that a notice board is erected and maintained at the entrance to the site indicating the name, address and telephone number of a representative of the operator who would be available to deal promptly with any complaints.

Reason: In the interests of the proper working of the site in accordance with Policy MIN 3 of the Northumberland Local Plan.

6. Until the completion of restoration, a copy of this permission, all approved plans, documents and details approved subsequently shall be displayed at the site in such a location or locations that all relevant personnel may be aware of their contents.

Reason: In the interests of the proper working of the site in accordance with Policy MIN 3 of the Northumberland Local Plan.

7. Notwithstanding the provisions of Part 17 of Schedule 2 of the Town and Country Planning (General Permitted Development Order) 2015 (or any Order amending, replacing or re-enacting that Order) no fixed plant or machinery shall be erected on the site without the prior approval of the Mineral Planning Authority and, similarly, details of the siting and design of all temporary buildings and structures required in connection with site operations shall be

submitted to and approved in writing by the Local Planning Authority before they are erected on site.

Reason: In the interests of the proper working of the site and the visual amenity of the surrounding area in accordance with Policy MIN 3 of the Northumberland Local Plan.

8. No operations shall be carried out, no plant shall be operated (except for the purposes of site drainage or maintenance of plant) and no heavy goods vehicles shall enter or leave the site, except between the following hours:

Monday – Friday 08.00 – 17.00
Saturday 08.00 – 12.00

There shall be no working on Sundays or Bank Holidays.

Reason: In the interests of residential amenity in accordance with Policy QOP 2 of the Northumberland Local Plan.

9. Within one month of the date of this decision the site office building and any other buildings in the site compound shall be painted olive green (BS 220) and shall be maintained in good condition for the duration of the development.

Reason: In the interests of the amenity of the area in accordance with Policy QOP 2 of the Northumberland Local Plan.

10. The site office building, weighbridge and any other buildings approved to be located within the site compound shall be removed and the area restored within one month of the completion of site works.

Reason: In the interests of the amenity of the area in accordance with Policy QOP 2 of the Northumberland Local Plan.

11. Notwithstanding the information submitted, no works to, or under, or affecting the road bridge structures, shall commence until full details and method of such works beneath any road bridge have been submitted to and approved in writing by the Local Planning Authority. The development shall then be carried out in accordance with the approved details.

Reason: In the interests of highway safety, in accordance with the National Planning Policy Framework and Policy TRA2 of the Northumberland Local Plan.

12. Within three months of the completion of site works, the highway including grass verge, fence and kerbs, shall be reinstated at the site access point.

Reason: In the interests of highway safety, in accordance with the National Planning Policy Framework and Policy TRA2 of the Northumberland Local Plan.

13. Development shall not commence until a Construction Method Statement, together with a supporting plan has been submitted to and approved by the Local Planning Authority. The approved Construction

Method Statement shall be adhered to throughout the duration of site operations. The Construction Method Statement and plan, where applicable, shall provide for:

- a. details of temporary traffic management measures, temporary access, routes and vehicle types and numbers;
- b. vehicle cleaning facilities;
- c. the parking of vehicles of site operatives and visitors;
- d. the loading and unloading of plant and materials;
- e. the storage of plant and materials in constructing the development;
- f. the phasing of the works.

Reason: To prevent nuisance in the interests of amenity and highway safety, in accordance with the National Planning Policy Framework and Policy TRA2 of the Northumberland Local Plan.

14. No loaded vehicle shall leave the site unless it is sheeted and effectively cleaned to prevent mud and dirt leaving the site.

Reason: To prevent nuisance in the interests of amenity and highway safety, in accordance with the National Planning Policy Framework and Policies QOP 2 and TRA2 of the Northumberland Local Plan.

15. No more than 20 heavy goods vehicles shall enter or leave the site (40 movements in total) on any single working day and the total number of all such movements shall not exceed a maximum of 750 movements entering or leaving the site (1500 in total) over a rolling 3 calendar month period. A record shall be kept of the number of heavy goods vehicles entering or leaving the site each day and that record shall be made available to the Local Planning Authority on request.

Reason: To prevent nuisance in the interests of amenity and highway safety, in accordance with the National Planning Policy Framework and Policy TRA2 of the Northumberland Local Plan.

16. The public bridleway shown on Restoration Plan (Drawing 21-144-004) shall be constructed in accordance with the details and specifications set out in Restoration Plan. FWS Geotechnical & Environmental Consultants. (Rev. 2) June 2022.

Reason: To secure the provision of a public bridleway in accordance with Policies STP 6 and MIN 3 of the Northumberland Local Plan.

17. Within one month of the date of this decision, details of the disposal of surface water from the development through the construction phase shall be submitted to and approved in writing by the Local Planning Authority.

Reason: To ensure the risk of flooding does not increase during construction and to limit the siltation of any on-site surface water features in accordance with Policies WAT 3 and WAT 4 of the Northumberland Local Plan.

18. Prior to the development being brought into use, details of surface water drainage to manage run off from private land shall be submitted to and approved in writing by the Local Planning Authority. The approved surface water drainage scheme shall be implemented in accordance with the approved details before the development is brought into use and thereafter maintained in accordance with the approved details.

Reason: In order to prevent surface water run-off in the interests of highway safety, the amenity of the area and to protect the integrity of the highway in accordance with the National Planning Policy Framework.

19. The development shall be carried out in accordance with the recommendations of the Construction Environmental Management Plan (CEMP) prepared by R&K Wood Planning and dated 28 February 2023.

Reason: To maintain the biodiversity value of the site in accordance with Policy ENV 2 of the Northumberland Local Plan.

20. The development shall be carried out in accordance with the recommendations of the Landscape and Ecological Management Plan (LEMP) prepared by AES Ltd and dated February 2023.

Reason: To maintain the biodiversity value of the site in accordance with Policy ENV 2 of the Northumberland Local Plan.

21. Within 7 days of the completion of restoration the Local Planning Authority shall be notified in writing of the date of the completion of restoration works.

Reason: In the interests of the proper working of the site in accordance with Policy MIN 3 of the Northumberland Local Plan.

22. Within 6 months of the completion of restoration, a monitoring report with evidence of the restoration work having been carried out as approved, shall be submitted to and approved in writing by the Local Planning Authority.

Reason: To maintain the biodiversity value of the site in accordance with Policy ENV 2 of the Northumberland Local Plan.

Informatives

1. The proposed development lies within an area that has been defined by the Coal Authority as containing potential hazards arising from former coal mining activity. These hazards can include mine entries (shafts and adits); shallow coal workings; geological features (fissures and break lines); mine gas and previous surface mining sites. Although such hazards are seldom readily visible, they can often be present and problems can occur in the future, particularly as a result of development taking place.
2. The Coal Authority recommends that information outlining how the former mining activities affect the proposed development, along with mitigation measures required (for example the need for gas protection measures within the foundations), be submitted alongside any subsequent application for Building Regulations approval.

3. Any intrusive activities which disturb or enter coal seams, coal mine workings or coal mine entries (shafts and adits) requires a Coal Authority permit. Such activities could include site investigation boreholes, digging of foundations, piling activities, other ground works and any subsequent treatment of coal mine workings and coal mine entries for ground stability purposes. Failure to obtain a Coal Authority permit for such activities is trespass, with the potential for court action.
4. Property specific summary information on past, current and future coal mining activity can be obtained from www.groundstability.com or a similar service provider.
5. If any of the coal mining features are unexpectedly encountered during development, this should be reported immediately to the Coal Authority on 0345 762 6848. Further information is available on the Coal Authority website at www.gov.uk/coalauthority.
6. The Environmental Permitting (England and Wales) Regulations 2016 require a permit or exemption to be obtained for any activities which will take place:
 - on or within 8 metres of a main river (16 metres if tidal);
 - on or within 8 metres of a flood defence structure or culverted main river (16 metres if tidal);
 - on or within 16 metres of a sea defence;
 - involve quarrying or excavation within 16 metres of any main river, flood defence (including a remote defence) or culvert;
 - in a floodplain more than 8 metres from the riverbank, culvert or flood defence structure (16 metres if a tidal main river) and do not already have planning permission.For further guidance visit <https://www.gov.uk/guidance/flood-risk-activities-environmental-permits> or contact the National Consumer Contact Centre on 03708 506506 or emailing enquiries@environment-agency.gov.uk.
7. The Environmental Protection (Duty of Care) Regulations 1991 for dealing with waste materials are applicable to any off-site movements of waste. The code of practice applies if you produce, carry, keep, dispose of, treat, import or have control of waste. The law requires anyone dealing with waste to keep it safe and make sure it is dealt with responsibly and only given to businesses authorised to take it. The code of practice can be found at <https://www.gov.uk/government/publications/waste-duty-of-care-code-of-practice>.
8. If materials that are potentially waste are to be used on-site. You will need to ensure that you can comply with the exclusion from the Waste Framework Directive (WFD) (article 2(1)© for the use of, 'uncontaminated soil and other naturally occurring materials excavated in the course of construction activities, etc...' in order for the material not to be considered as waste. Meeting these criteria will mean waste permitting requirements do not apply. Where you cannot meet the criteria, you will be required to obtain the appropriate waste permit or exemption from the Environment Agency.
9. A deposit of waste to land will either be a disposal or a recovery activity. The legal test for recovery is set out in Article 3(15) of WFD as any operation the

principal result of which is waste serving a useful purpose for replacing other materials which would otherwise have been used to fulfil a particular function, or waste being prepared to fulfil that function, in the plant or in the wider economy.

10. The Definition of Waste: Development Industry Code of Practice (DoW CoP) guidance sets out the lines of evidence that are needed to demonstrate that the excavated materials are not or have ceased to be waste. These are based on four factors:
 - protection of human health and the environment (acceptable risk assessment of pollution);
 - suitability for use without further treatment (no further processing and / or treatment, as demonstrated by a specification and a site-specific risk assessment including chemical, geotechnical properties and biological aspects);
 - certainty of use (outlined in the Remediation Strategy and Material Management Plan); and
 - quantity of material (outlined in the Remediation Strategy and Material Management Plan).To demonstrate these factors a Materials Management Plan (MMP) needs to be produced to ensure all factors are considered and the correct determination is made. A Verification Plan needs to be set out in the MMP and must identify the recording method of materials being placed, as well as the quantity of materials to be used. It should also contain a statement on how the use of the materials relate to the remediation of design objectives.

11. In general, any material that has to be treated in order to render it suitable for its intended use is considered to be a waste and waste controls apply. To demonstrate this to the Environment Agency's satisfaction, the processes and requirements detailed in the DoW CoP need to be followed in full. Requirements include:
 - desktop study of the site;
 - conceptual modelling of the site(s) concerned;
 - site investigation details (if appropriate); and
 - any details of contamination (if relevant).Regardless of whether the site is contaminated or not, the following documents should be produced.
 - Risk Assessments.
 - Options Appraisal Report.
 - Remediation Strategy (Contaminated soils) or Design Statement (Clean naturally occurring soils).
 - Materials Management Plan.
 - Verification Report once the work is completed.

12. The decision to use the CL:AIRE Definition of Waste: Development Industry Code of Practice is the responsibility of the holder of the materials. The project manager should collate all relevant documents, permissions, site reports, MMP etc. and consult with an independent Qualified Person (QP) to confirm that the site meets the requirements and tests for use of the DoW CoP. The QP must review the documentation and let the developer know that a Verification Report will be required before signing a Declaration. If the site meets the tests that materials are suitable for re-use, certain to be re-used, are not excessive in volume and pose no risk to the environment or harm to

human health then the QP can make a formal Declaration to CL:AIRE. The formal Declaration must be submitted to CL:AIRE and the Environment Agency by a QP **before** any excavation activities or transfer of materials occurs. In these circumstances the QP is meeting the requirements of the Regulator to ensure appropriate environmental and human health protection is in place for the development to go ahead.

13. Materials not used in accordance with the DoW CoP process in full may be deemed waste and will require a relevant permit for deposit. Materials illegally deposited or deposited at inappropriate sites may be subject to relevant landfill taxes, payable by all parties. Only robust due diligence is a defence against joint liability. For clarification, it is important to note that DoW CoP declarations **cannot** be made retrospectively. In addition to this if you wish to re-use material under the 'site of origin scenario' and this material has previously been imported to that site as waste without authorisation for example a historical illegal deposit then it does not originate at that site. It is not site-derived material and you **cannot** use DoW CoP site of origin scenario for this activity, you will require an appropriate waste authorisation such as an environmental permit.
14. If you require any local advice or guidance on informatives 6 – 13 above please contact your local Environment Agency office: Tyneside House, Skinnerburn Road, Newcastle Business Park, Newcastle upon Tyne, NE4 7AR: telephone 0370 850 6506.
15. A highway condition survey should be carried out before the commencement of heavy goods vehicle movements into or leaving the site. To arrange a survey contact Highways Development Management at highwaysplanning@northumberland.gov.uk.
16. Works to the vehicle access point are required following the completion of site operations. To arrange the works, including the reinstatement of the grass verge, fence and kerb line (and make good any damage), contact the highways Area Office at centralareahighways@northumberland.gov.uk
17. Offsite highway works required in connection with this permission are under the control of the Council's Technical Services Division and will require a legal agreement with the Highway Authority. The Council will undertake all such works at the applicant's expense. Contact the Technical Services (Structures) team at Patrick.Smith@northumberland.gov.uk to progress this matter.
18. Contact the Council's Traffic Management Section and Streetworks Team at highwaysprogramme@northumberland.gov.uk and streetworks@northumberland.gov.uk before and during the construction period in respect of the impacts on the C129, B1137 and C124 roads.
19. Building materials or equipment should not be stored on the highway unless otherwise agreed. Contact the Streetworks Team on 0345 600600 for Skips and Container licences.
20. Technical approval of highway structures is required. Contact Highways Development Management at highwaysplanning@northumberland.gov.uk

21. In accordance with the Highways Act 1980, mud, debris or rubbish should not be deposited on the highway.
22. Any areas of hardstanding (e.g. car parks) within the development shall be constructed of a permeable surface so flood risk is not increased elsewhere. A permeable surface may be created by:
 - Using gravel or a mainly green vegetated area;
 - Directing water from an impermeable surface to a border rain garden or soakaway; or
 - Using permeable block paving, porous asphalt / concrete.Further information can be obtained at:
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/7728/pavingfrontgardens.pdf
23. The developer should explore disconnecting any gutter down pipes into rain water harvesting units and water butts, with overflow into rainwater garden / pond thus providing a resource as well as amenity value and improving water quality.

Date of Report: 20 March 2023

Background Papers: Planning Application file 22/02162/CCM

APPENDIX 3
CORRESPONDENCE

From: [McVicker, John](#)
To: [Jennifer Cooke](#)
Subject: Bespoke Risk Assessment
Date: 13 September 2019 12:53:07
Attachments: [image001.gif](#)
[image002.gif](#)
[image003.gif](#)
[image004.gif](#)
[image005.gif](#)
[image006.jpg](#)

Hi Jennifer,

Thanks for your call earlier. To confirm, for your bespoke application you can use the generic standard rules risk assessment but will need to add in the details for the local wildlife site.

As the advice on .gov.uk says "If you're applying for a bespoke permit but most of your activities are covered by standard rules, you only need to do a risk assessment for the activities or risks that are not covered by the generic risk assessment for those standard rules."

Kind regards

John

John McVicker

Permitting Officer – Digital Transformation Project and Pre-Application Team, National Permitting Service

Environment Agency | Quadrant 2, Parkway Business Park, Sheffield, S9 4WF

john.mcvicker@environment-agency.gov.uk

External: 0208 4748202



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APPENDIX 4

HISTORICAL AND RECENT ORDNANCE SURVEY 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

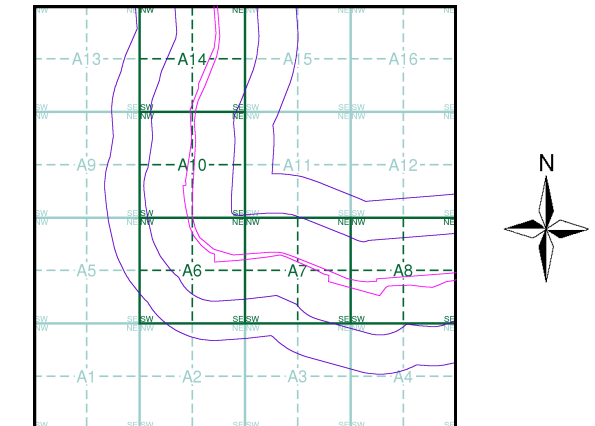
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
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Northumberland	1:10,560	1898	3
Northumberland	1:10,560	1924	4
Ordnance Survey Plan	1:10,000	1950	5
Ordnance Survey Plan	1:10,000	1969	6
Ordnance Survey Plan	1:10,000	1992	7
10K Raster Mapping	1:10,000	2000	8
Street View	Variable		9

Historical Map - Slice A



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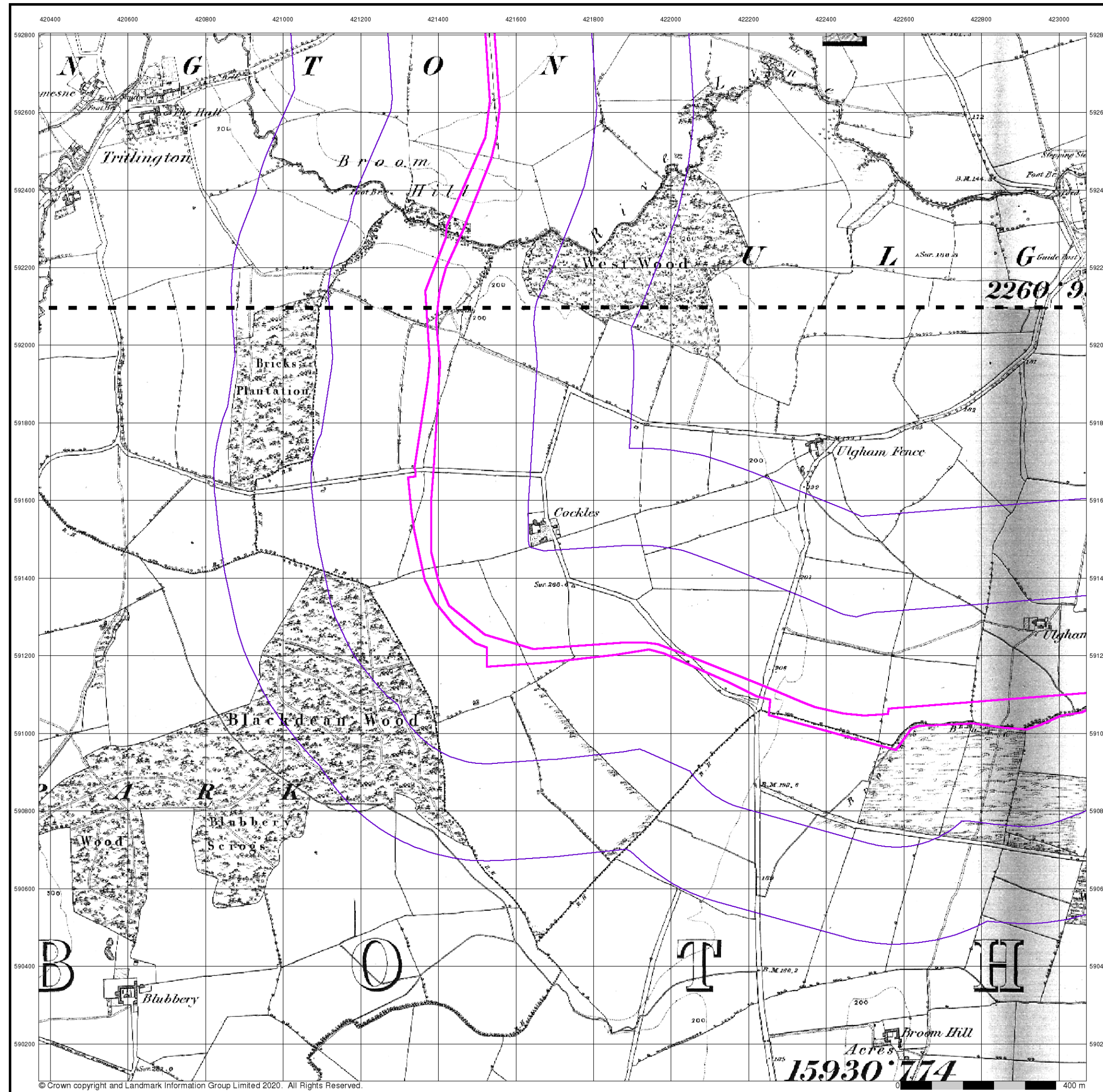
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 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road

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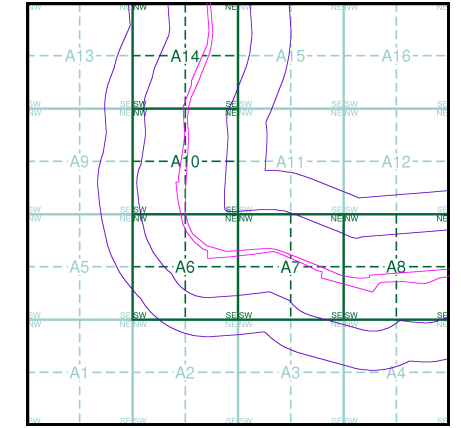
Northumberland
Published 1866
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

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06400	1866	1:10,560

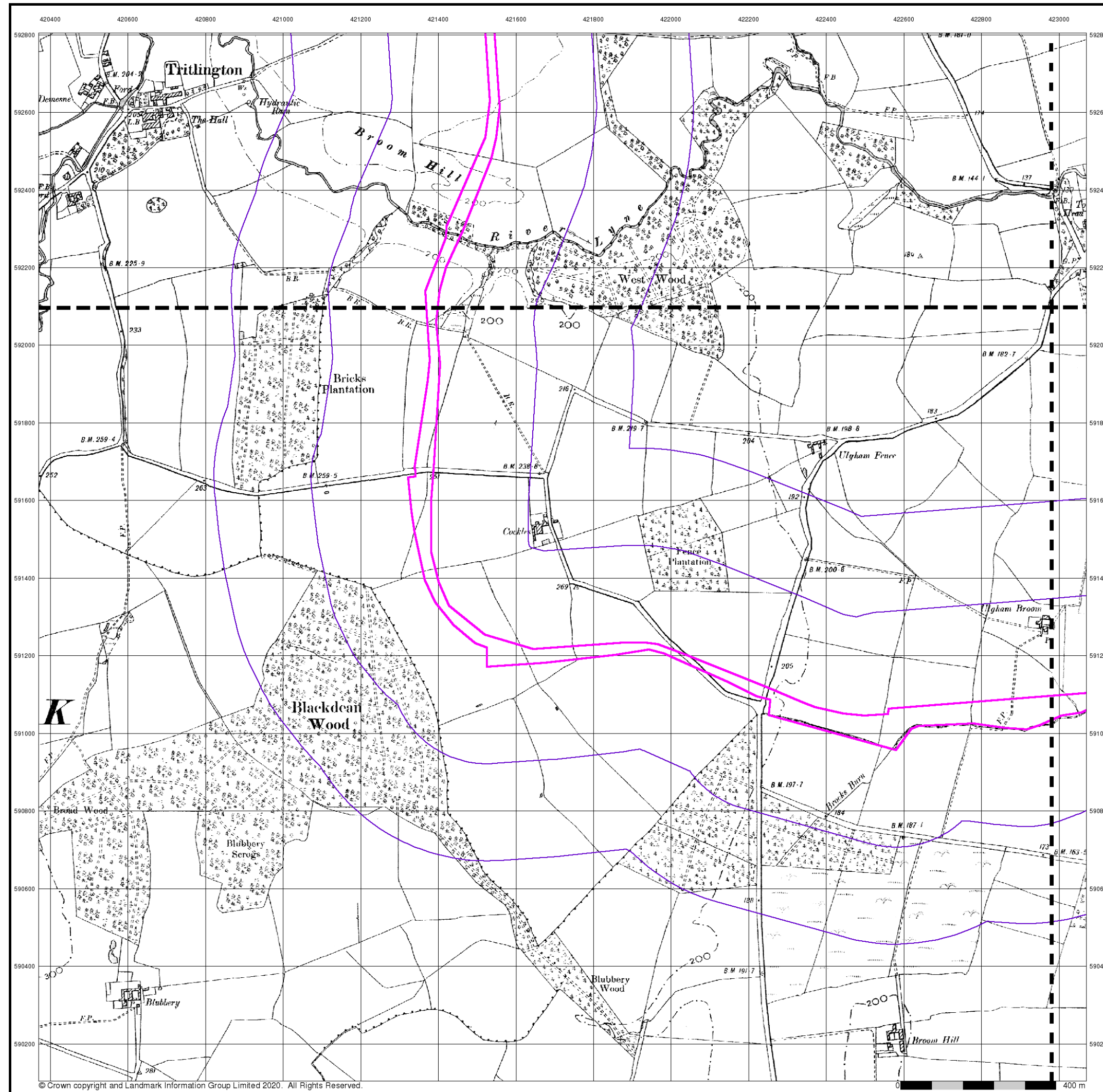
Historical Map - Slice A



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Northumberland

Published 1898

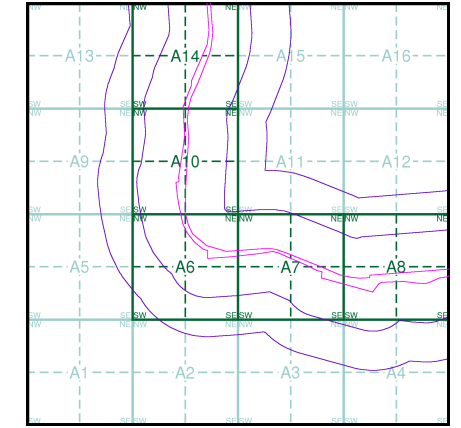
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Map Name(s) and Date(s)

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064NW 1898 1:10,560	064NE 1898 1:10,560

Historical Map - Slice A



Order Details

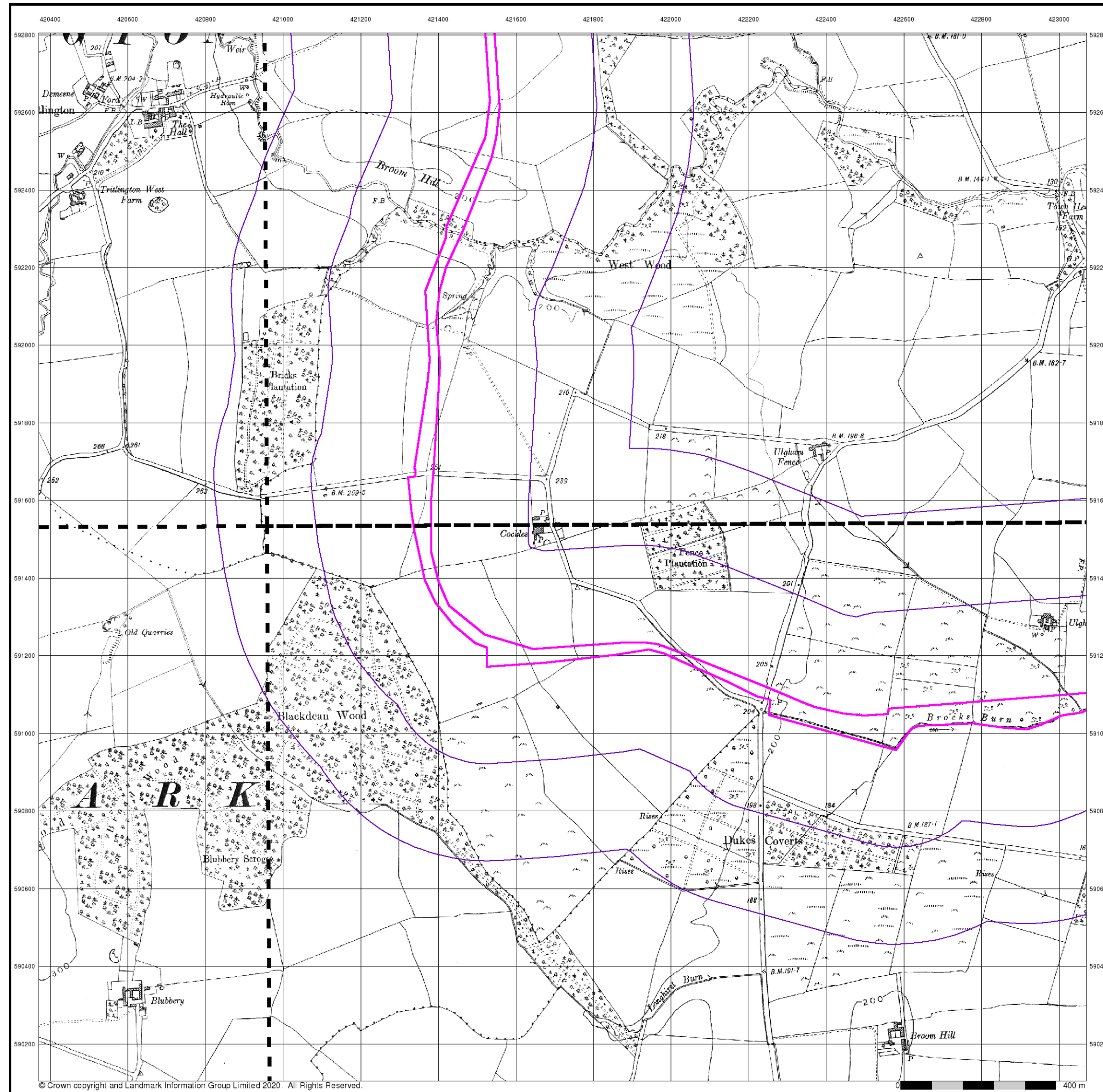
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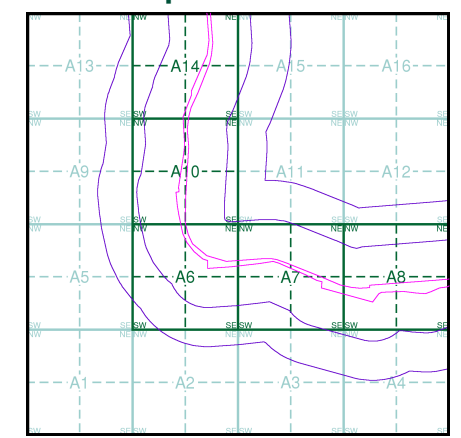


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

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060SW 1924 1:10,560	060SE 1924 1:10,560

Historical Map - Slice A

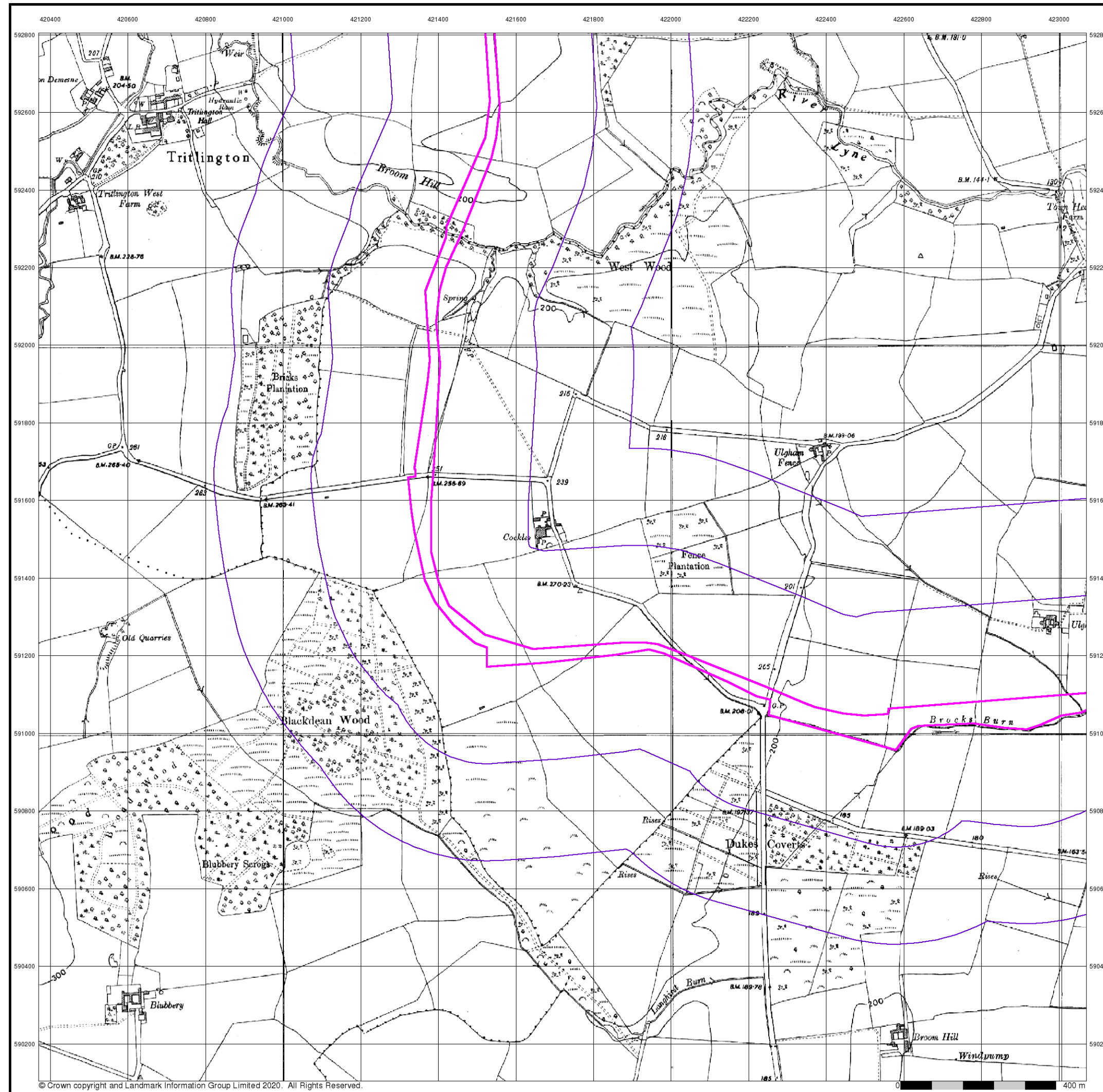


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Site Details

Stobswood Haul Road



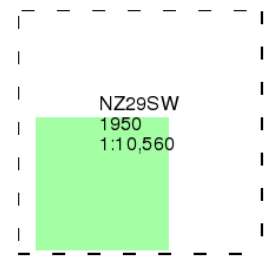
Ordnance Survey Plan

Published 1950

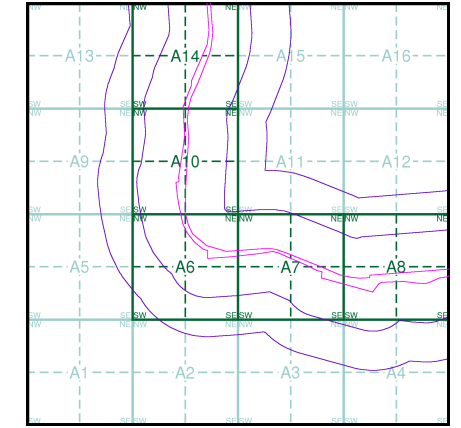
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Map Name(s) and Date(s)



Historical Map - Slice A

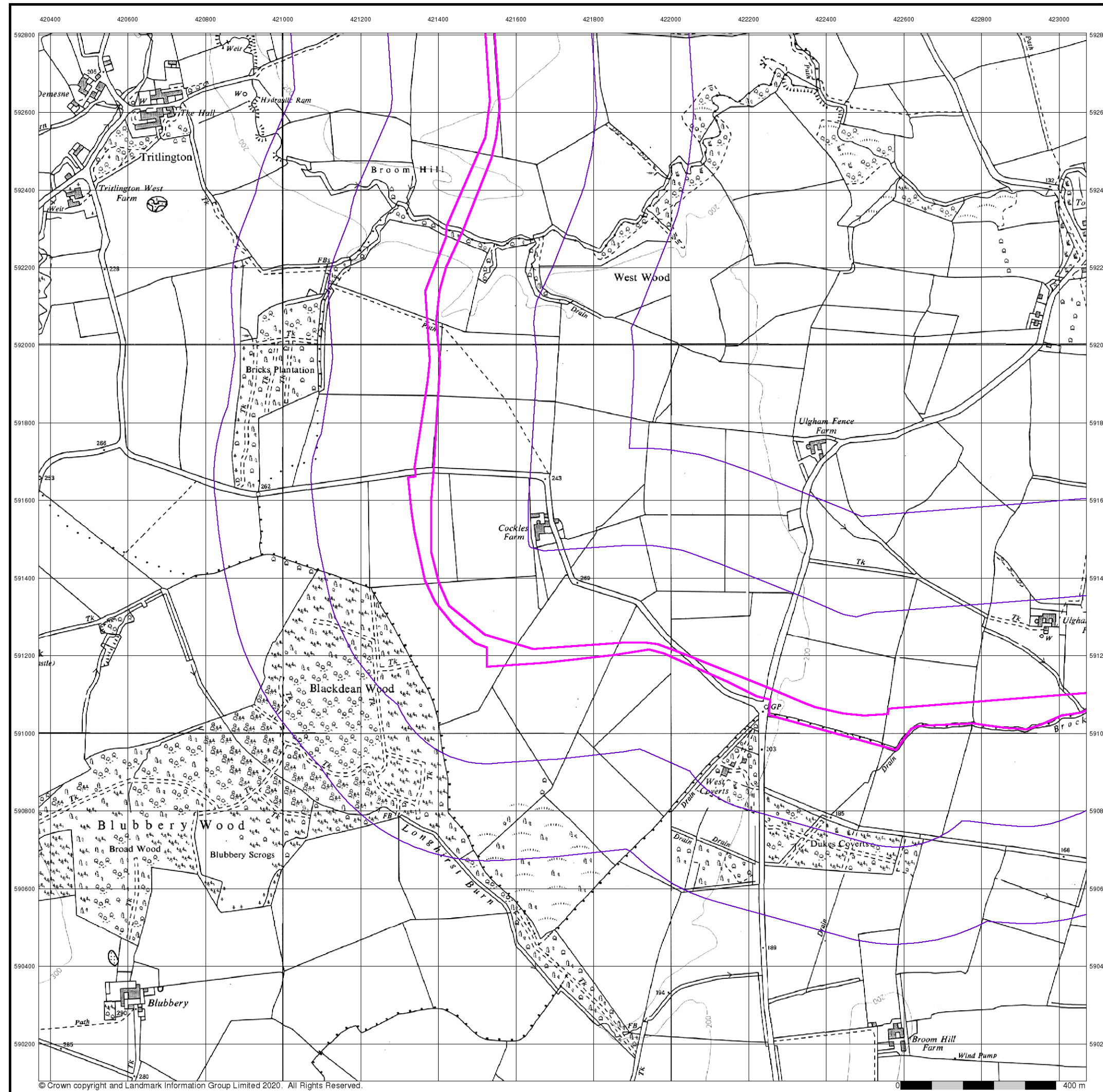


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Site Details

Stobswood Haul Road



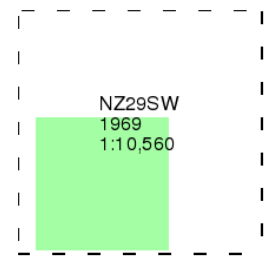
Ordnance Survey Plan

Published 1969

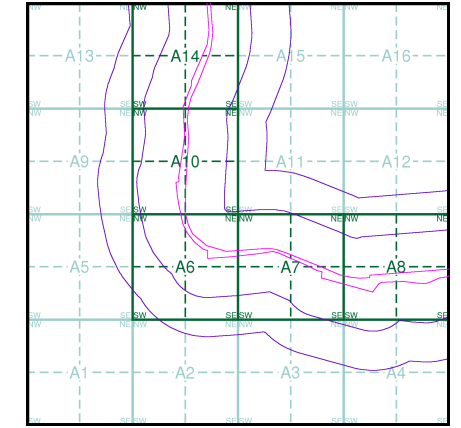
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

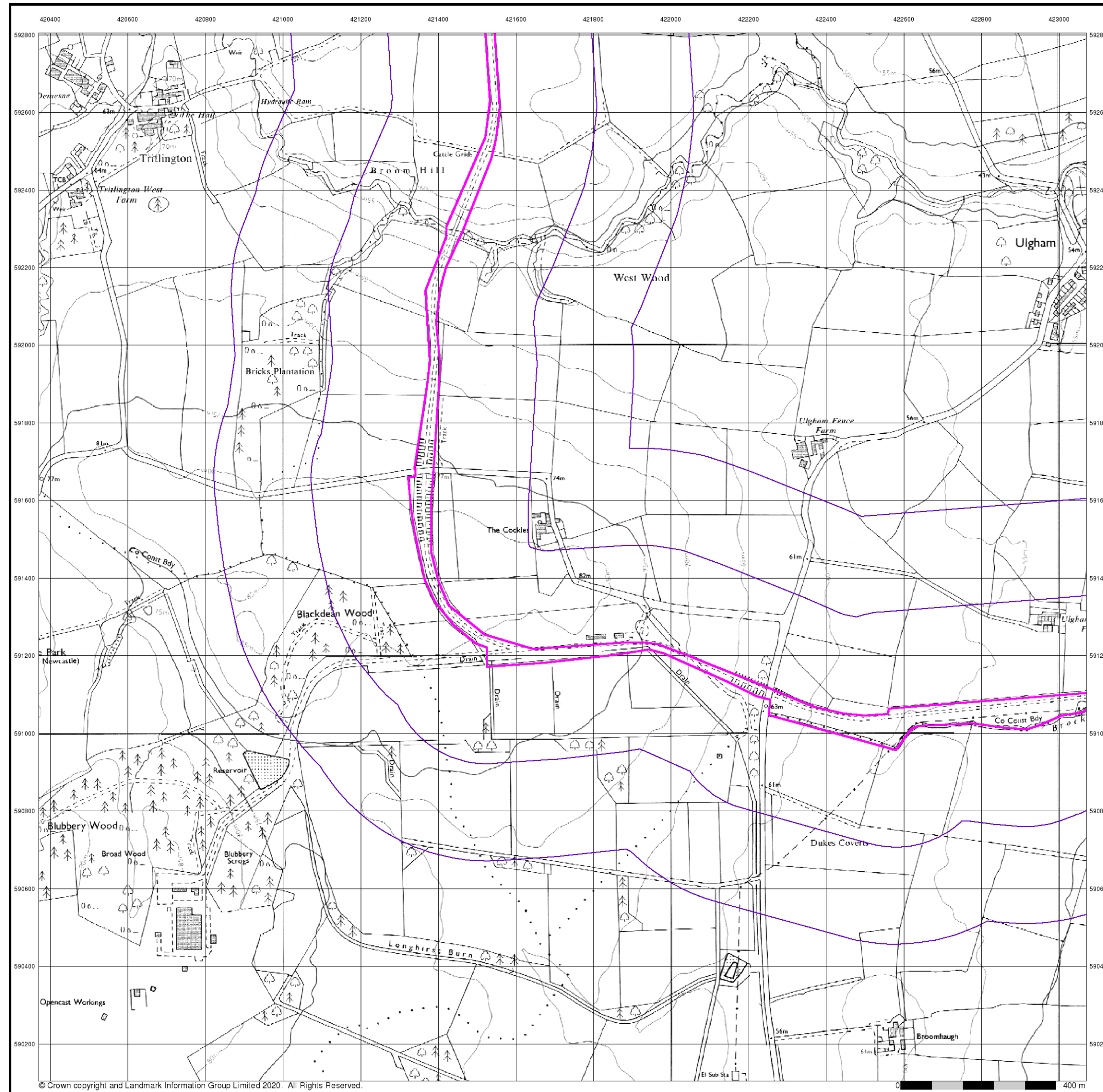


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road



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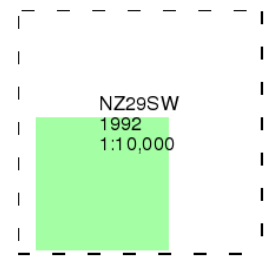
Ordnance Survey Plan

Published 1992

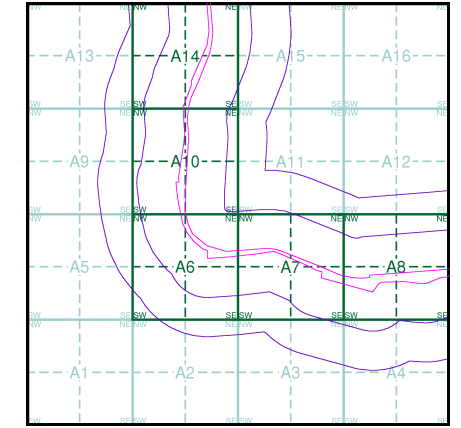
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



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Site Details

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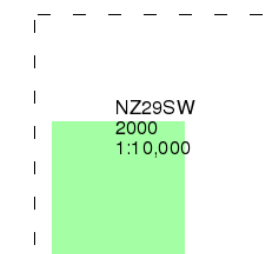
10k Raster Mapping

Published 2000

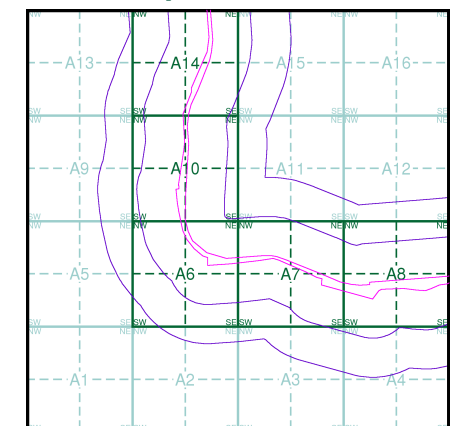
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

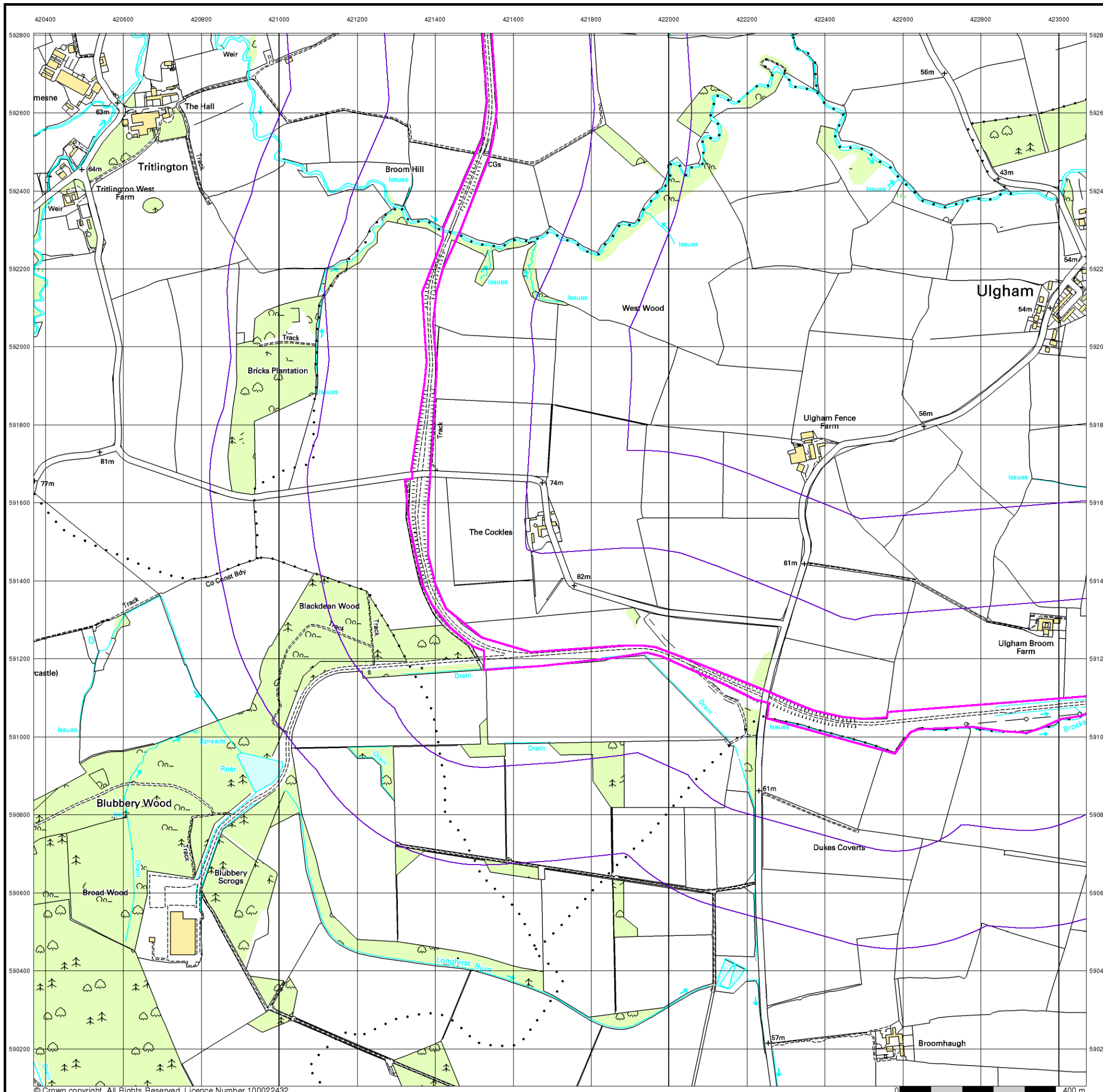


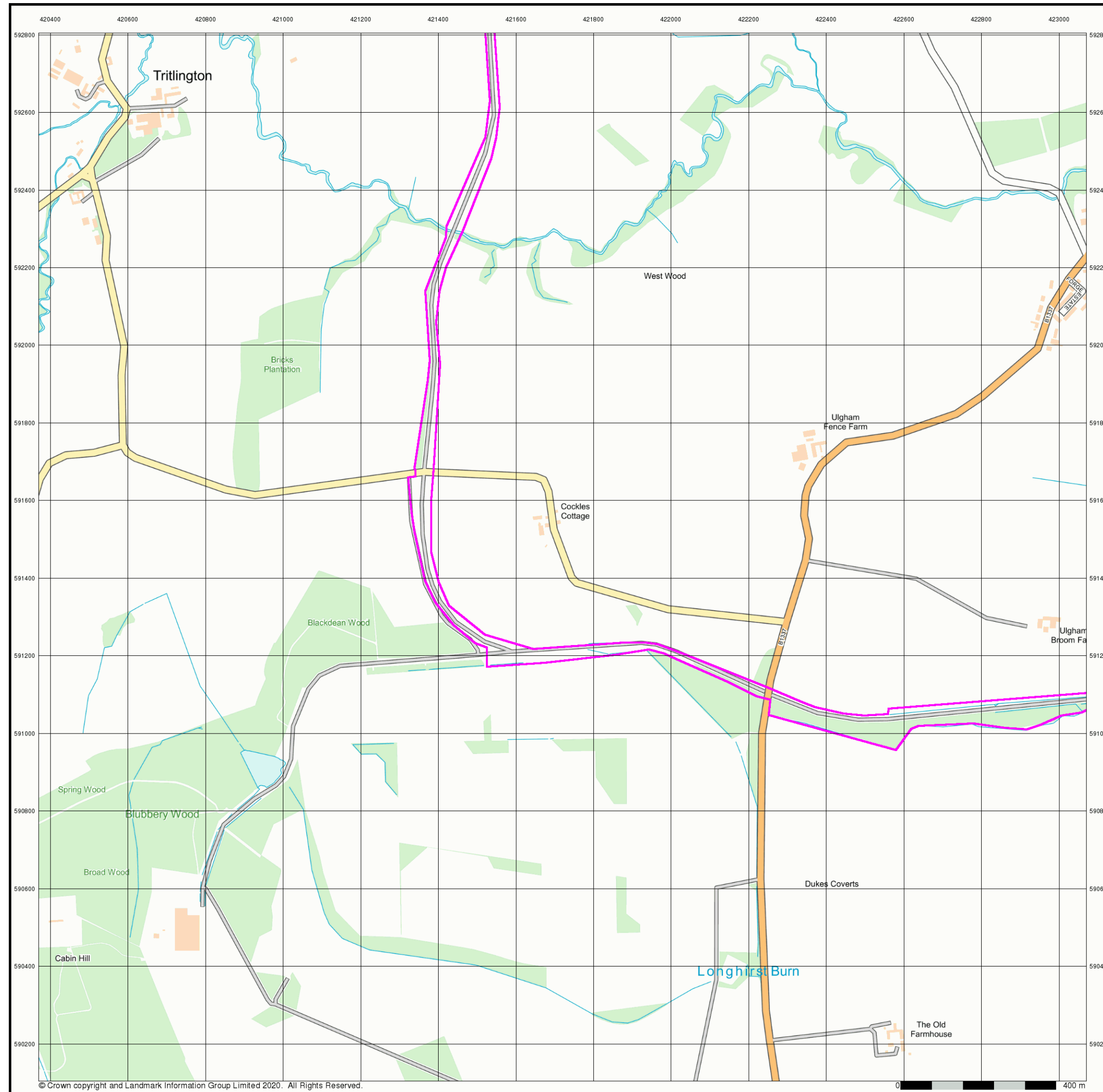
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Site Details

Stobswood Haul Road





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Street View

Published 2020

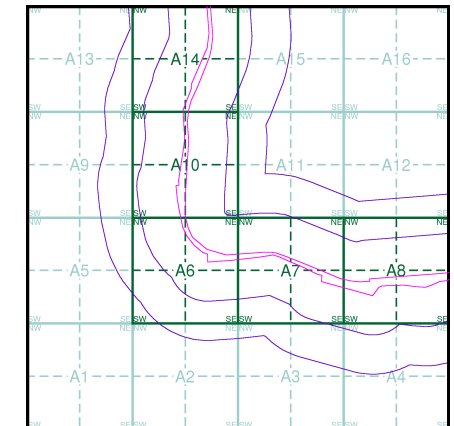
Source map scale - 1:10,000

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

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		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

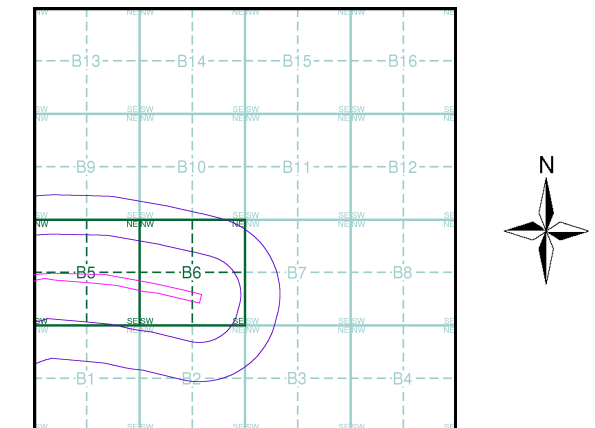
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northumberland	1:10,560	1866	2
Northumberland	1:10,560	1898	3
Northumberland	1:10,560	1924	4
Ordnance Survey Plan	1:10,000	1950 - 1951	5
Ordnance Survey Plan	1:10,000	1951	6
Ordnance Survey Plan	1:10,000	1966 - 1969	7
Ordnance Survey Plan	1:10,000	1980	8
Ordnance Survey Plan	1:10,000	1992	9
10K Raster Mapping	1:10,000	2000	10
Street View	Variable		11

Historical Map - Slice B



Order Details

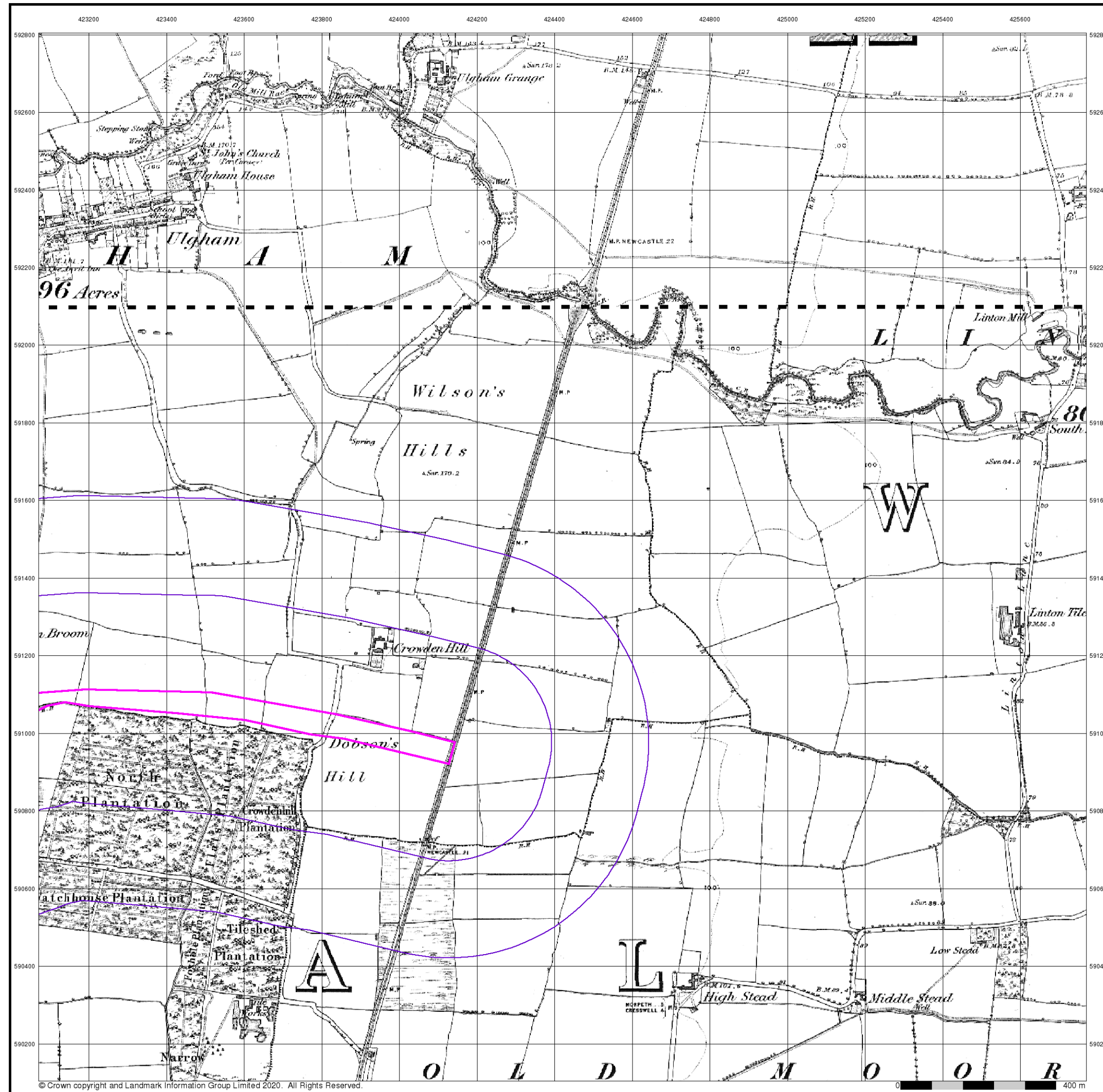
Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
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Site Details

Stobswood Haul Road

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Northumberland

Published 1866

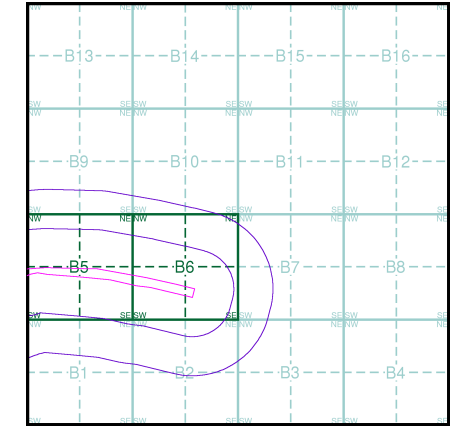
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

05500	1866	1:10,560
06400	1866	1:10,560

Historical Map - Slice B



Order Details

Order Number: 264431527_1_1
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Site Details

Stobswood Haul Road

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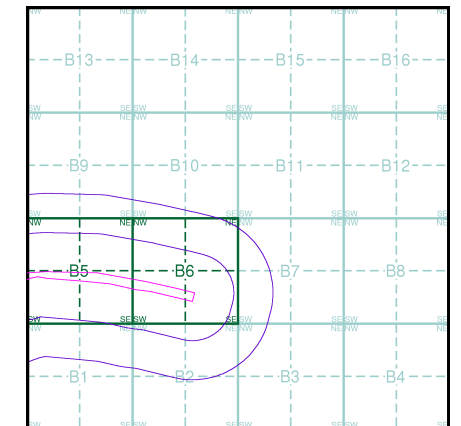
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Map Name(s) and Date(s)

055SE
1898
1:10,560
064NE
1898
1:10,560

Historical Map - Slice B

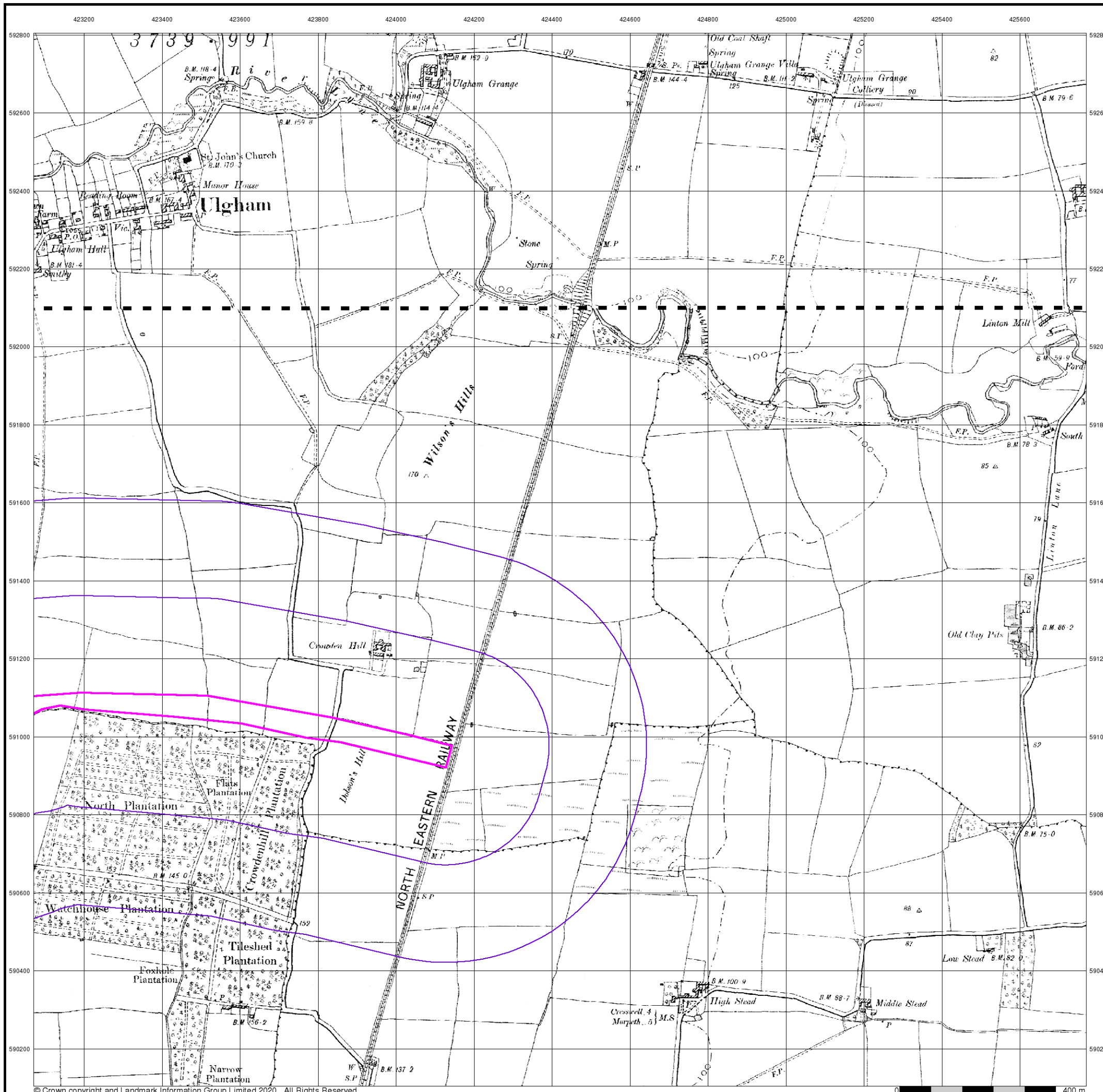


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 Customer Ref: 3865
 National Grid Reference: 423810, 591020
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Site Details

Stobswood Haul Road



Northumberland

Published 1924

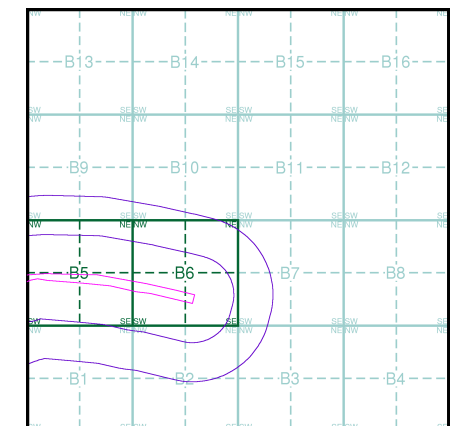
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

060NE	1924	1:10,560
060SE	1924	1:10,560

Historical Map - Slice B

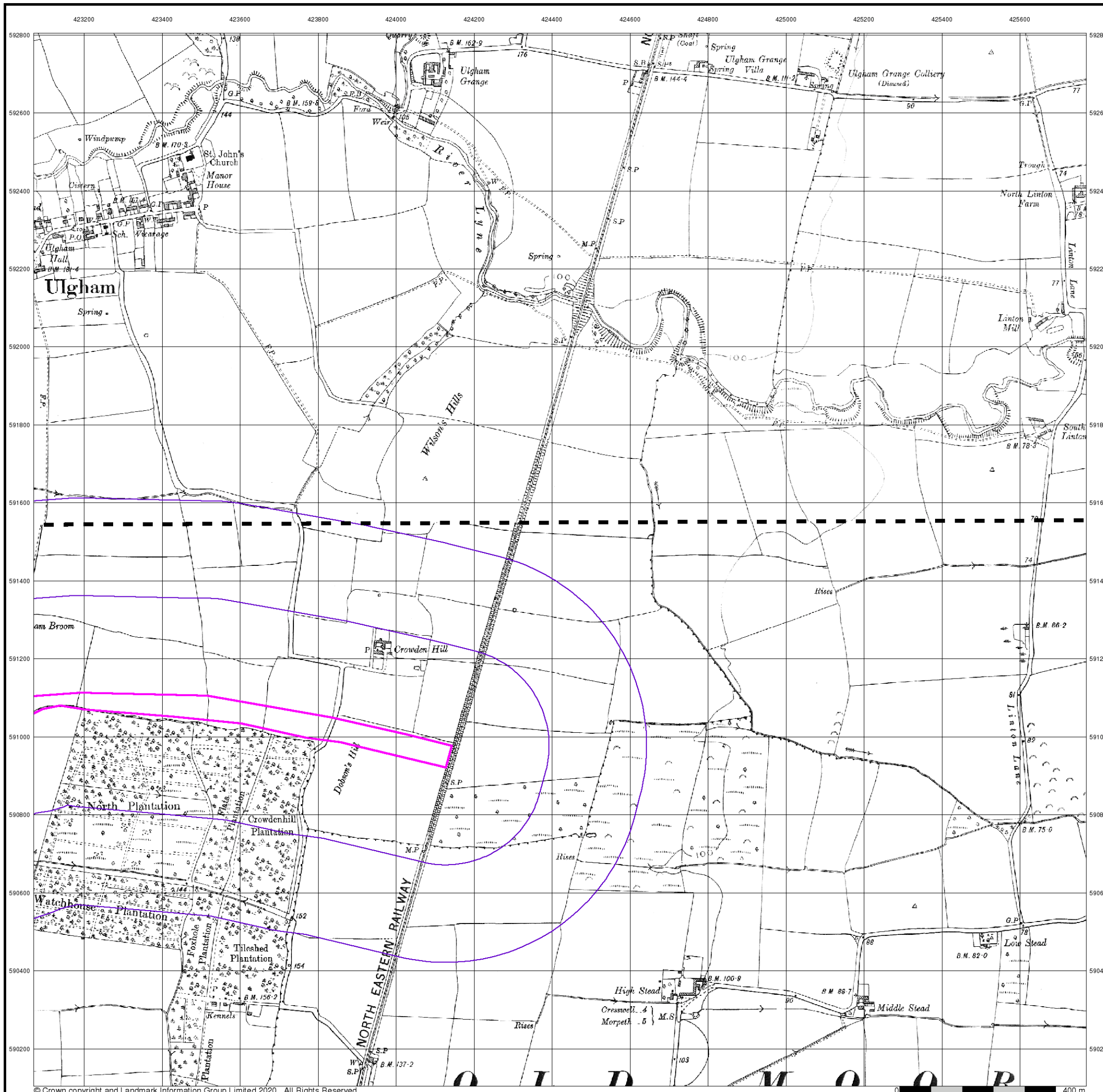


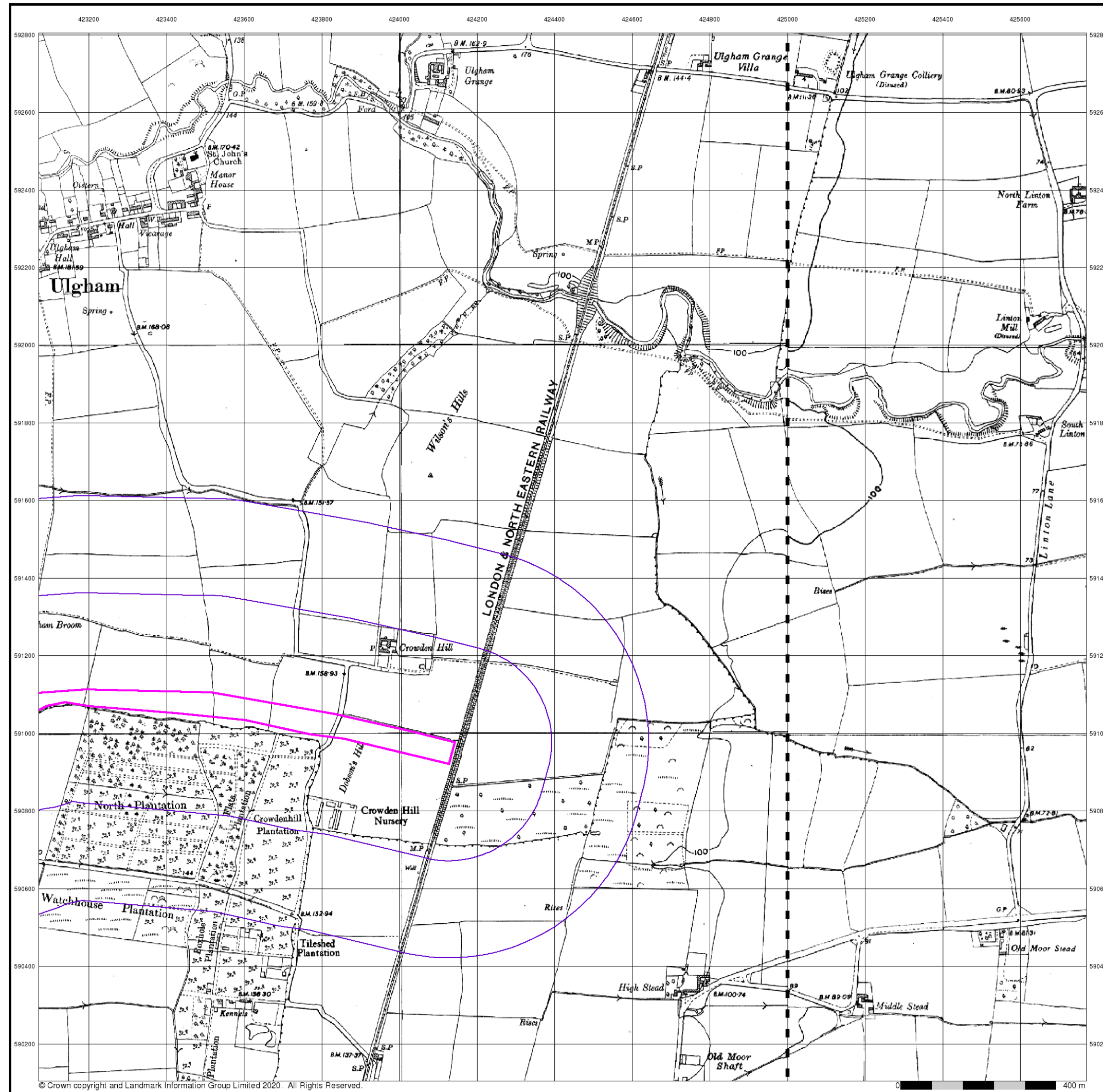
Order Details

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Site Details

Stobswood Haul Road





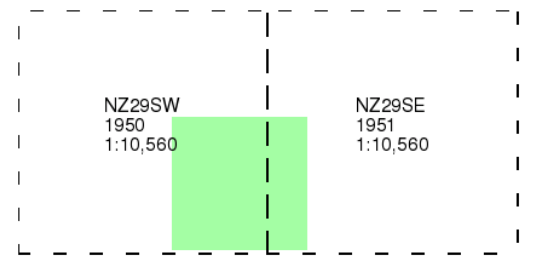
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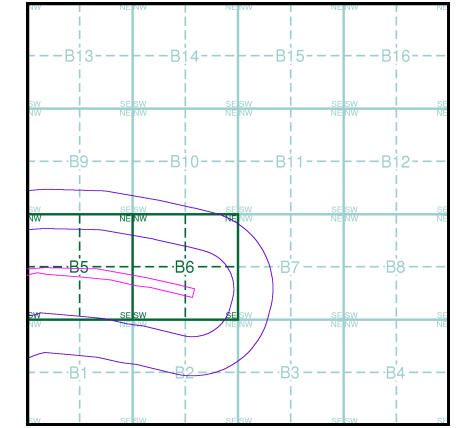
Ordnance Survey Plan
Published 1950 - 1951
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

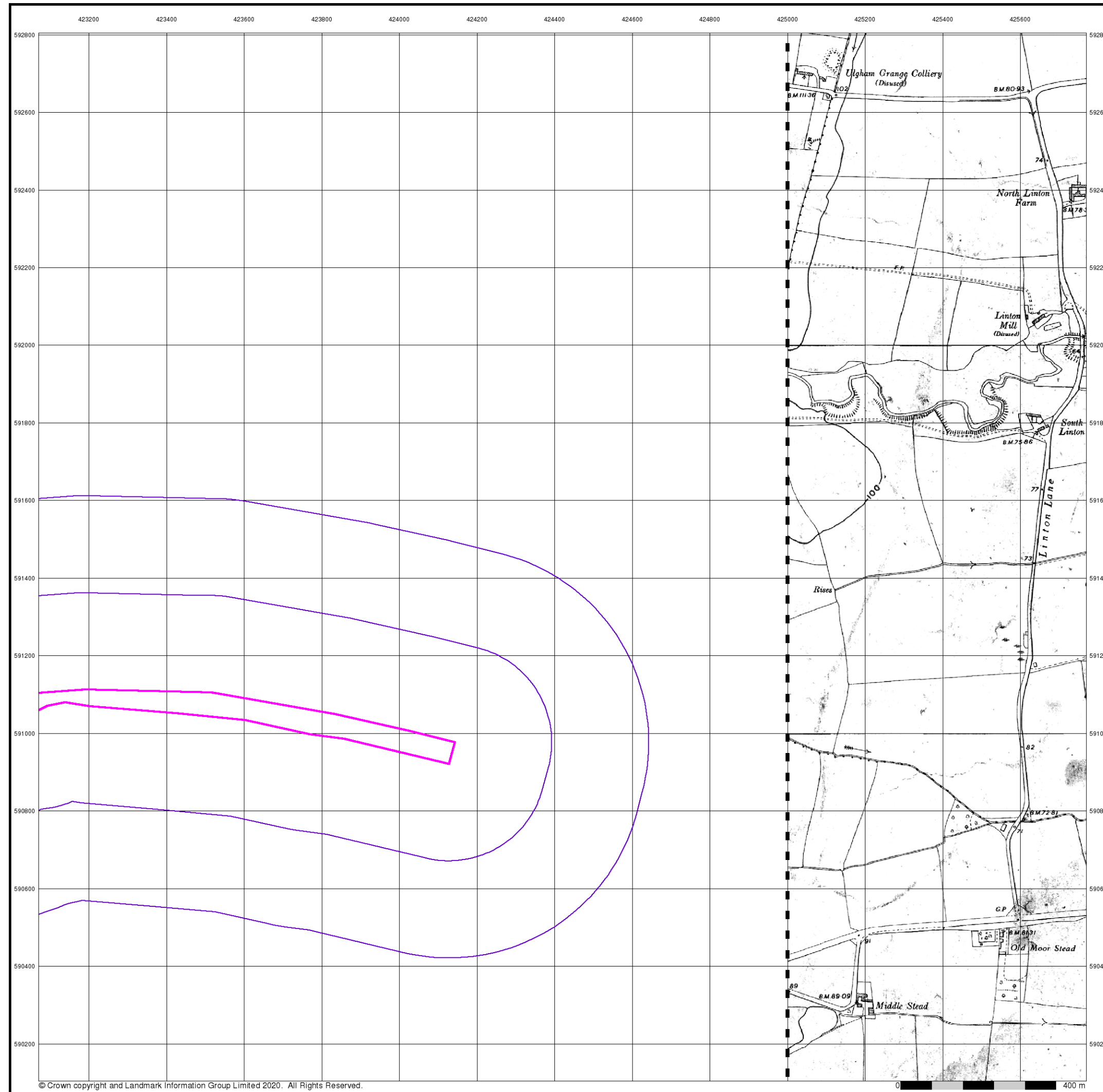
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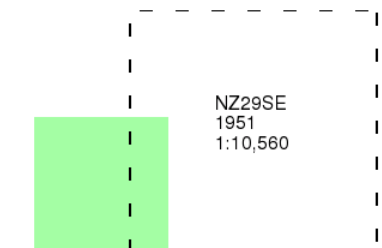
Ordnance Survey Plan

Published 1951

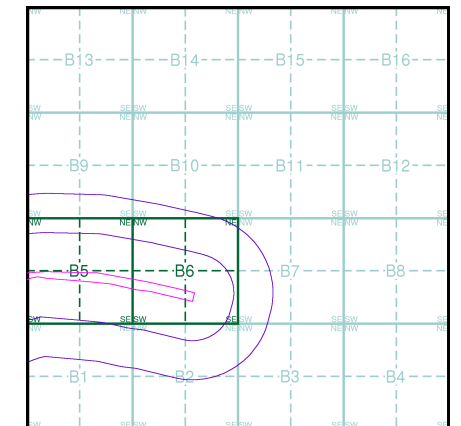
Source map scale - 1:10,000

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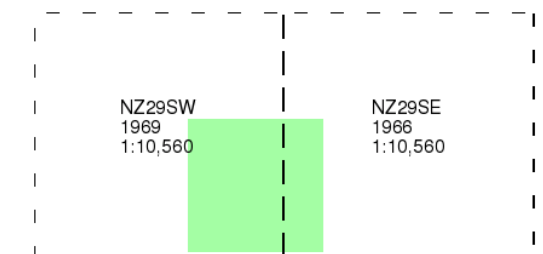
Ordnance Survey Plan

Published 1966 - 1969

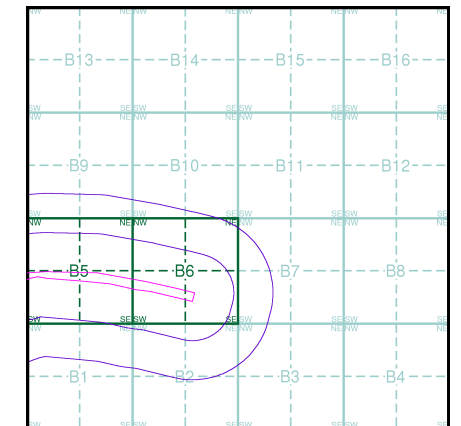
Source map scale - 1:10,000

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Historical Map - Slice B

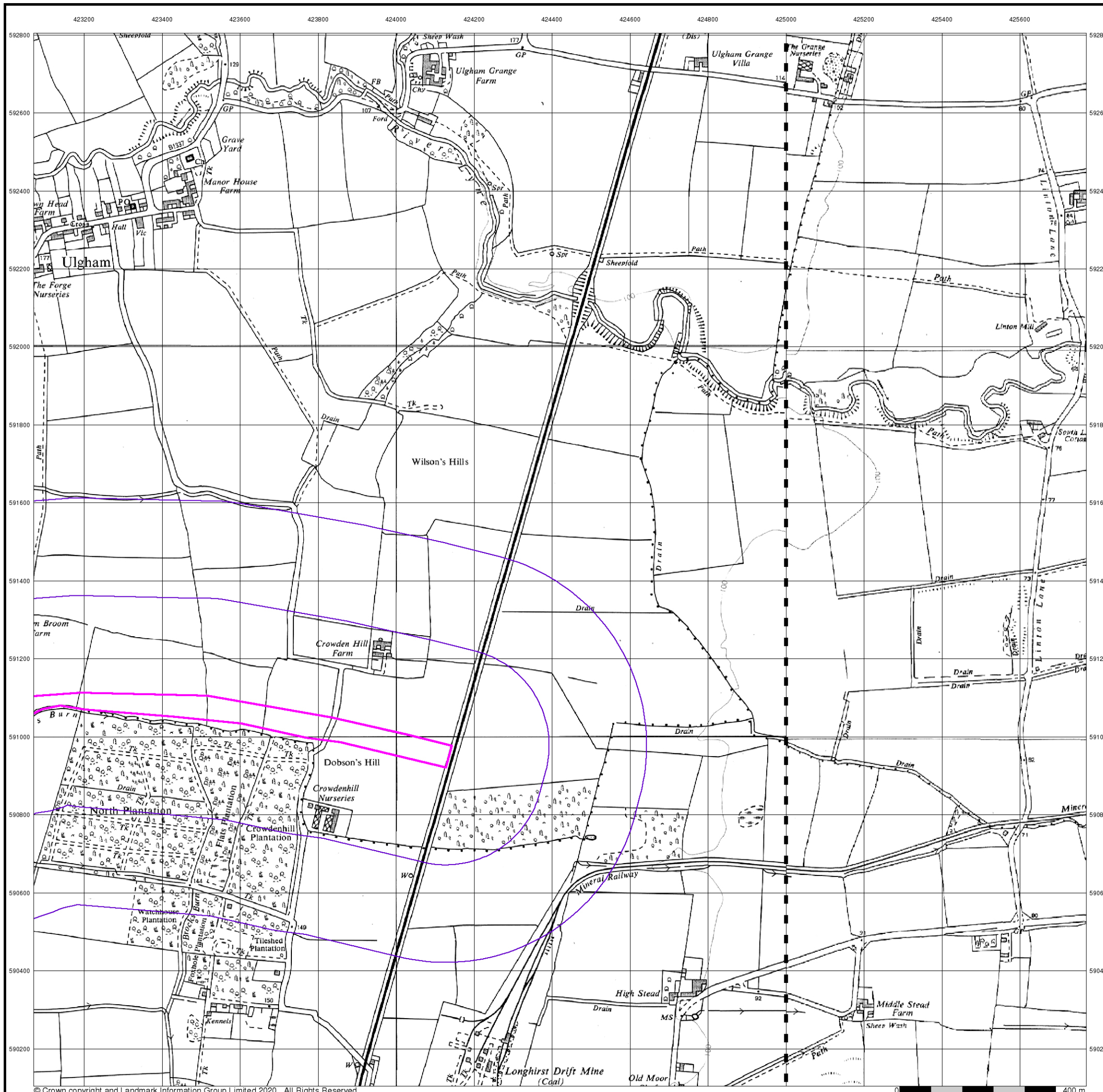


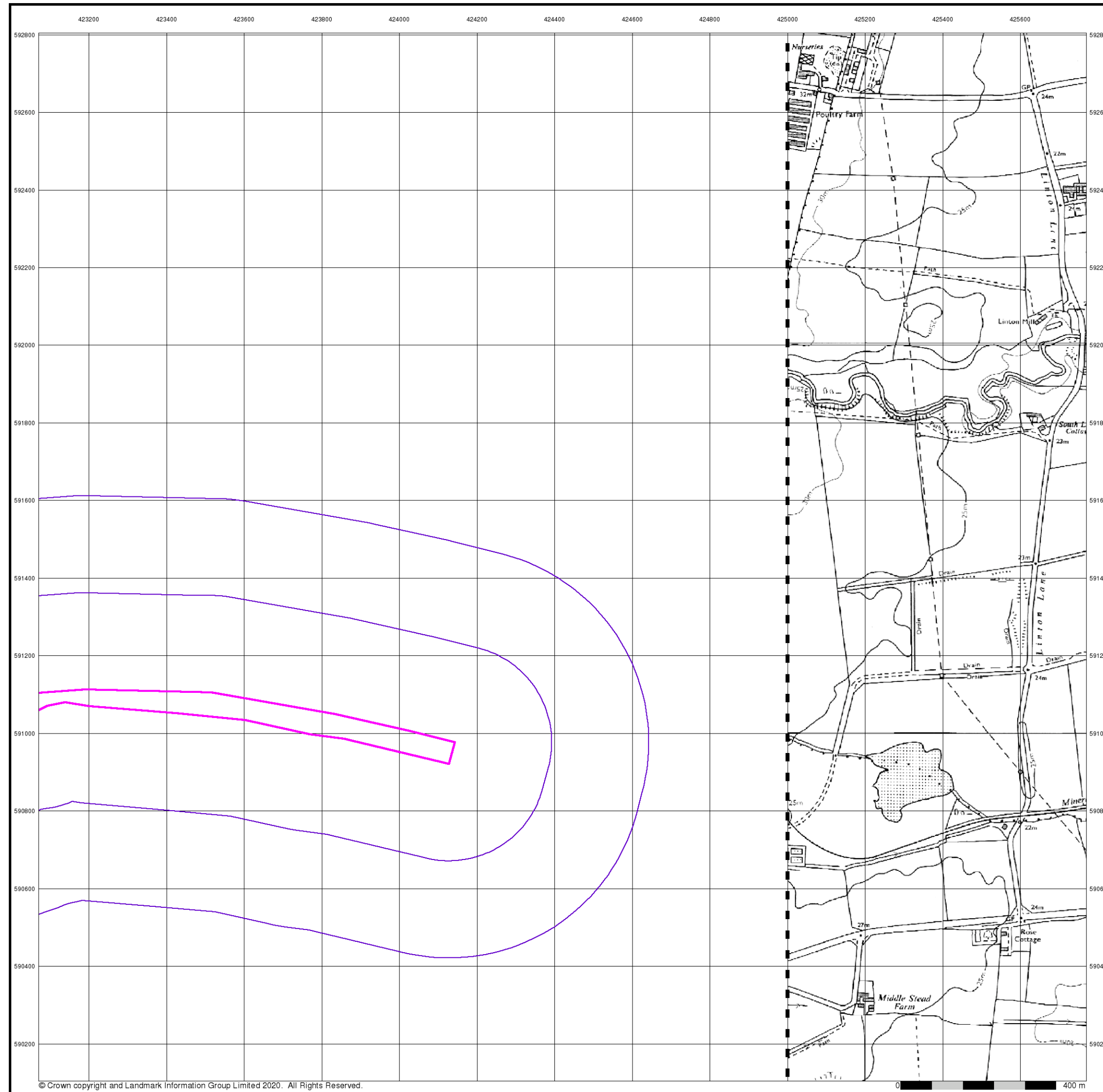
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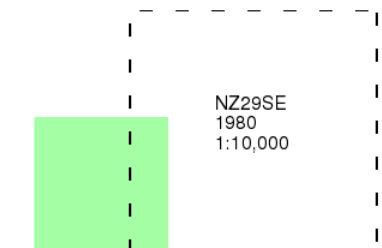
Ordnance Survey Plan

Published 1980

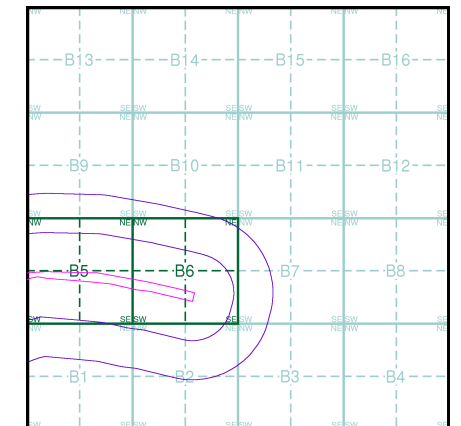
Source map scale - 1:10,000

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Historical Map - Slice B



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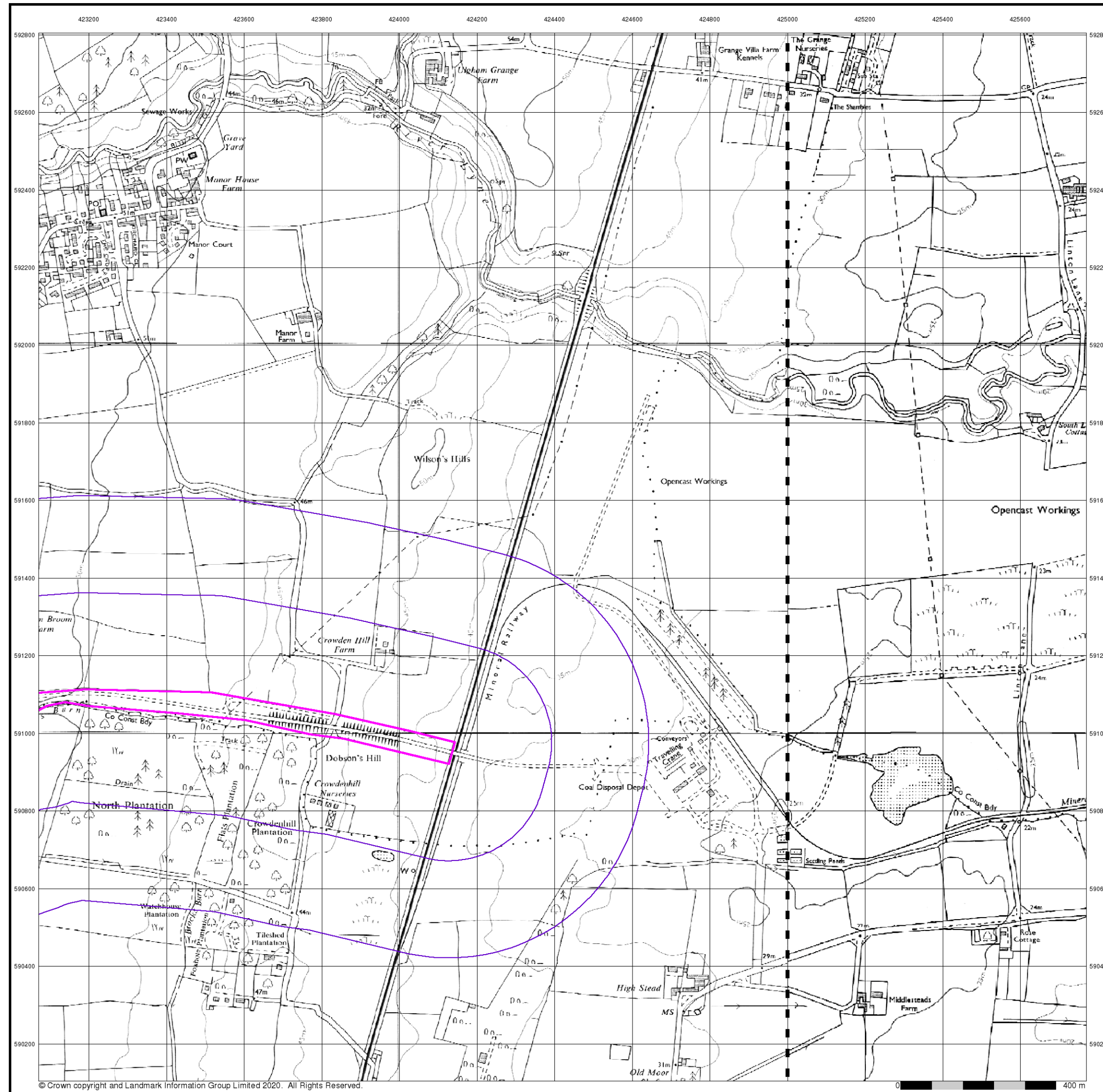
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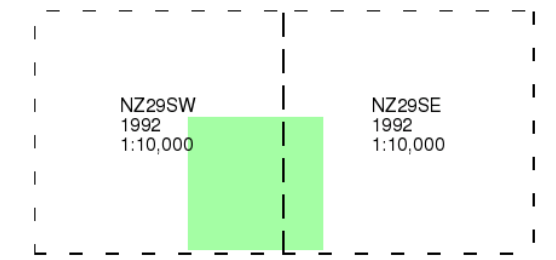
Ordnance Survey Plan

Published 1992

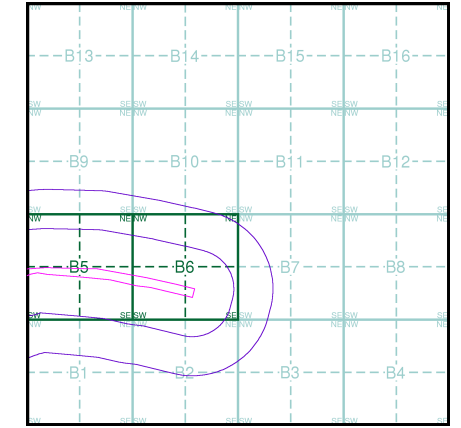
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 ●●● INFORMATION GROUP

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

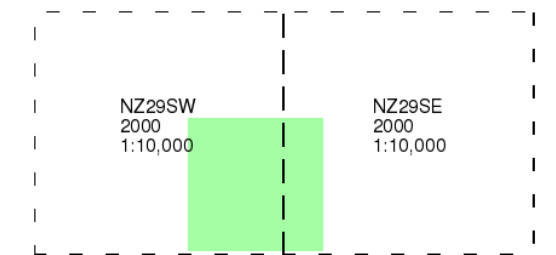
10k Raster Mapping

Published 2000

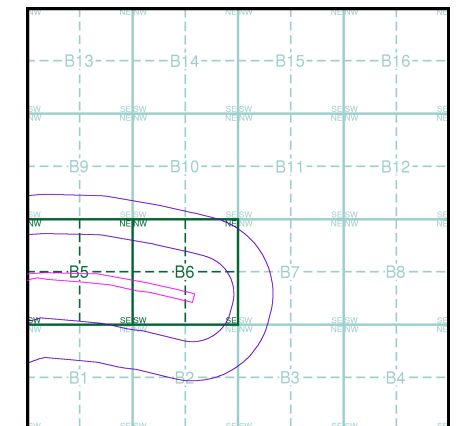
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice B

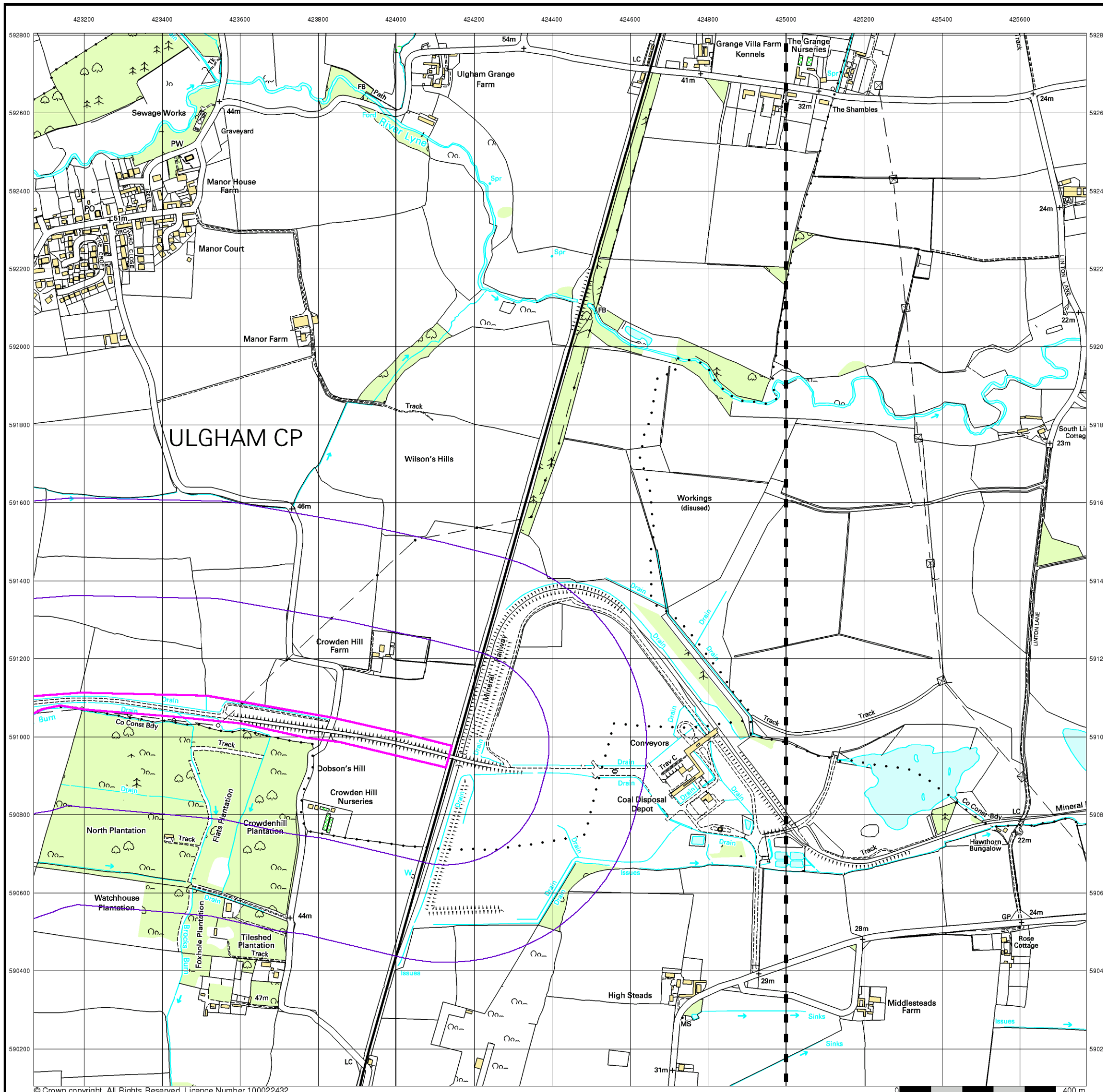


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road



Street View

Published 2020

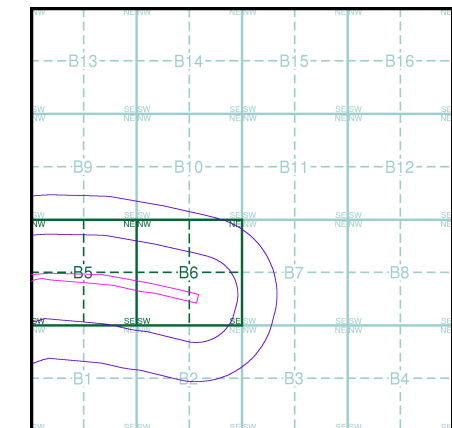
Source map scale - 1:10,000

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 B

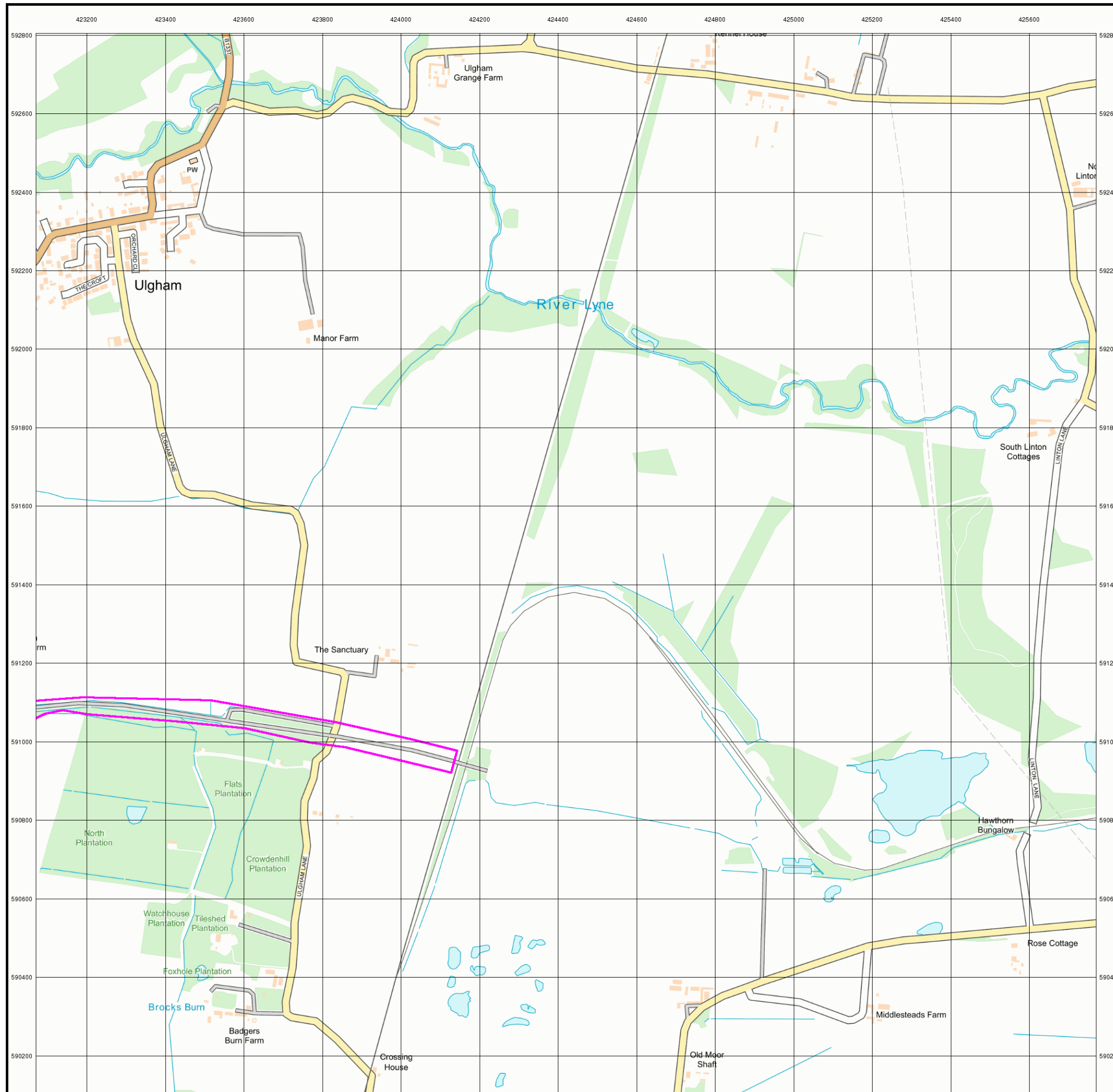


Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 423810, 591020
Slice: B
Site Area (Ha): 20.42
Search Buffer (m): 500

Site Details

Stobswood Haul Road



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		Bracken
	Heath		Rough Grassland
	Marsh		Reeds
	Saltings		
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		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

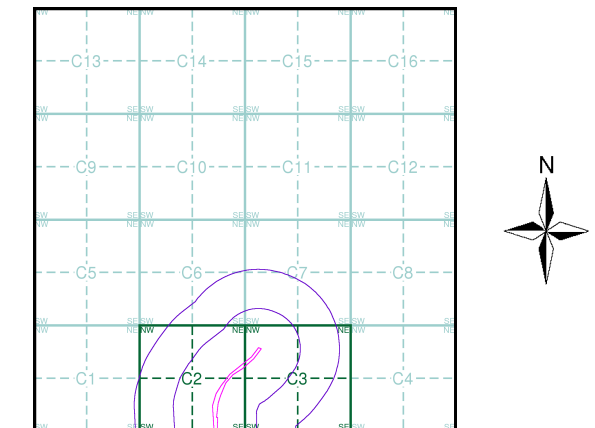
Envirocheck

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northumberland	1:10,560	1866	2
Northumberland	1:10,560	1898	3
Northumberland	1:10,560	1924 - 1925	4
Northumberland	1:10,560	1947	5
Ordnance Survey Plan	1:10,000	1950 - 1957	6
Ordnance Survey Plan	1:10,000	1966 - 1969	7
Ordnance Survey Plan	1:10,000	1990 - 1992	8
Ordnance Survey Plan	1:10,000	1992	9
10K Raster Mapping	1:10,000	2000	10
Street View	Variable		11

Historical Map - Slice C



Order Details

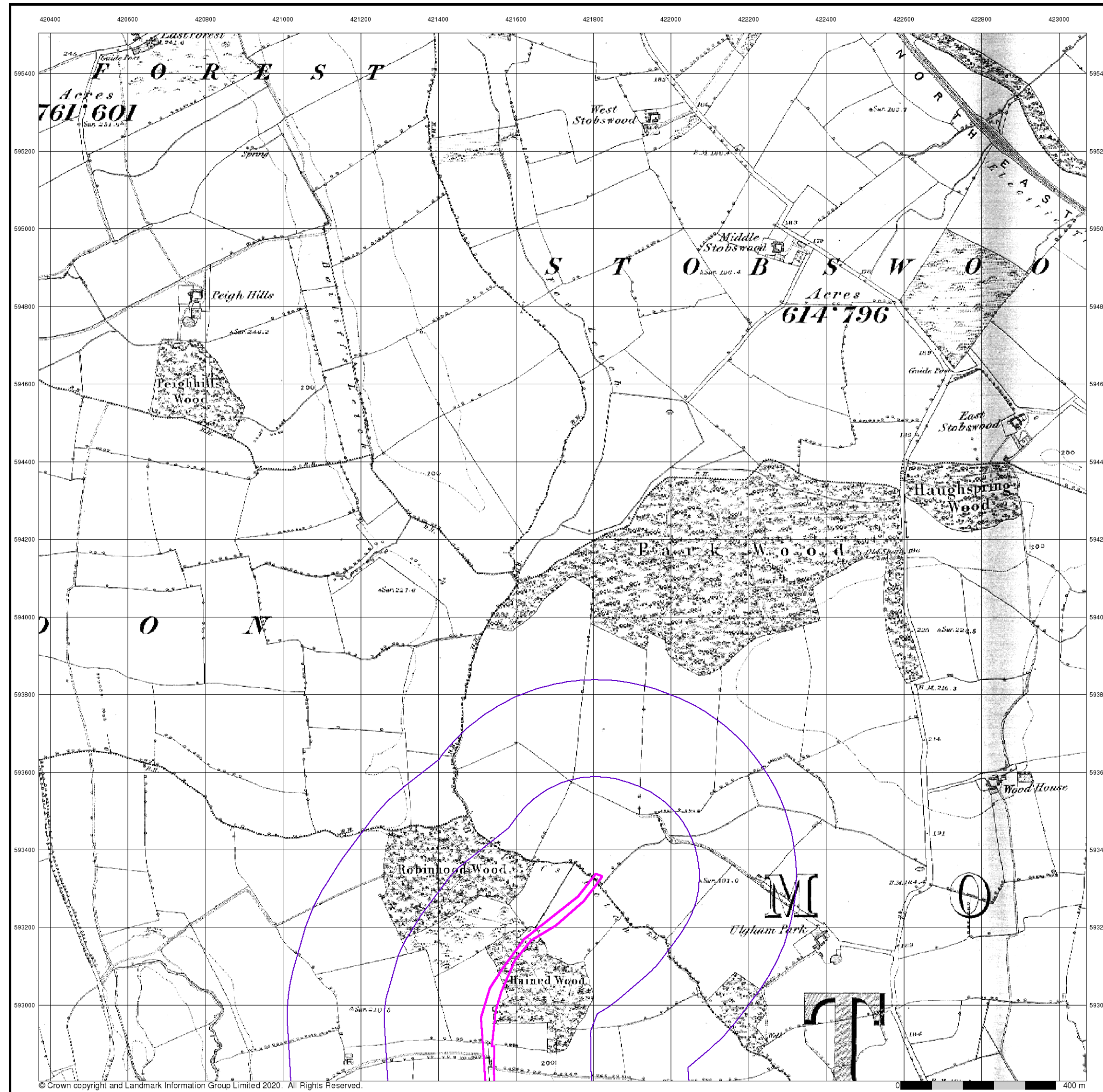
Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road

Landmark
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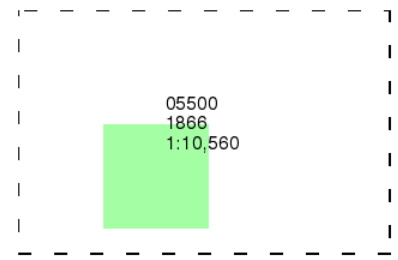


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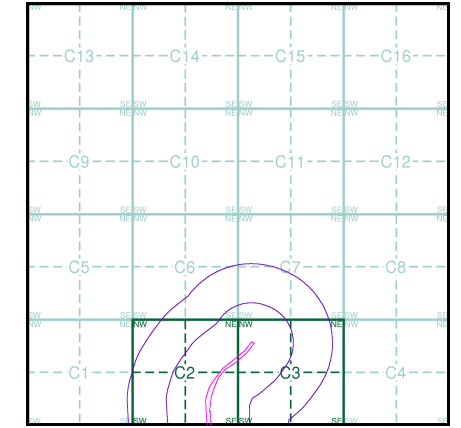
Northumberland
Published 1866
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

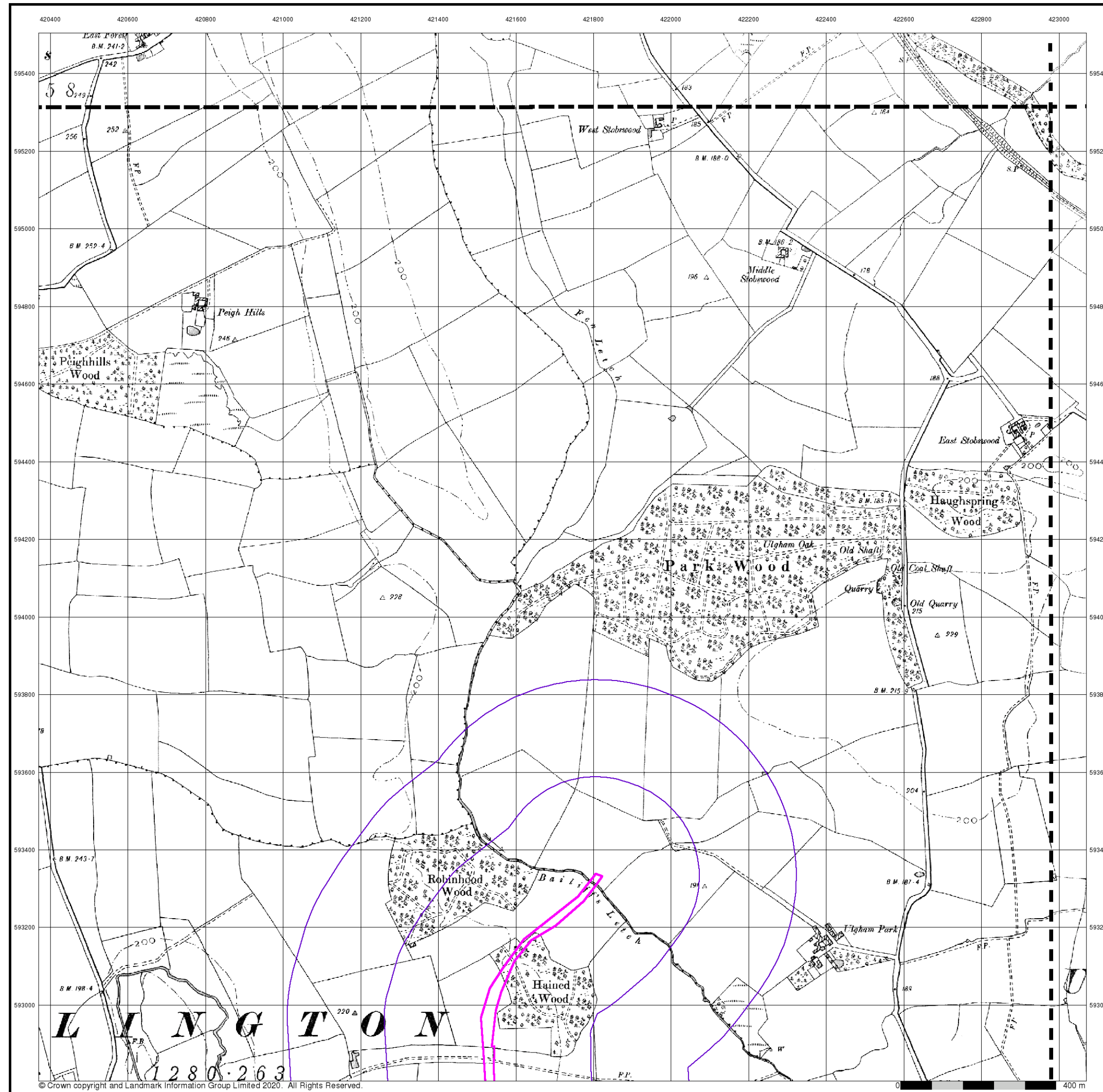


Historical Map - Slice C



Order Details
 Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details
 Stobswood Haul Road

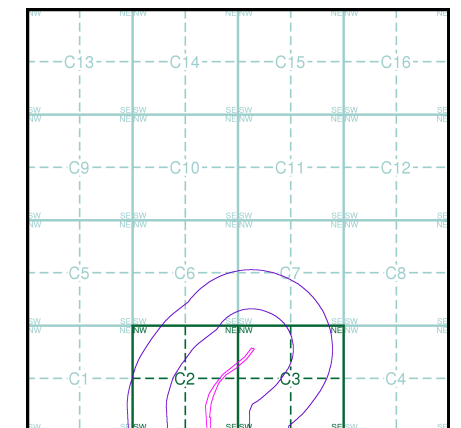


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

055NW 1898 1:10,560	055NE 1898 1:10,560
055SW 1898 1:10,560	055SE 1898 1:10,560

Historical Map - Slice C

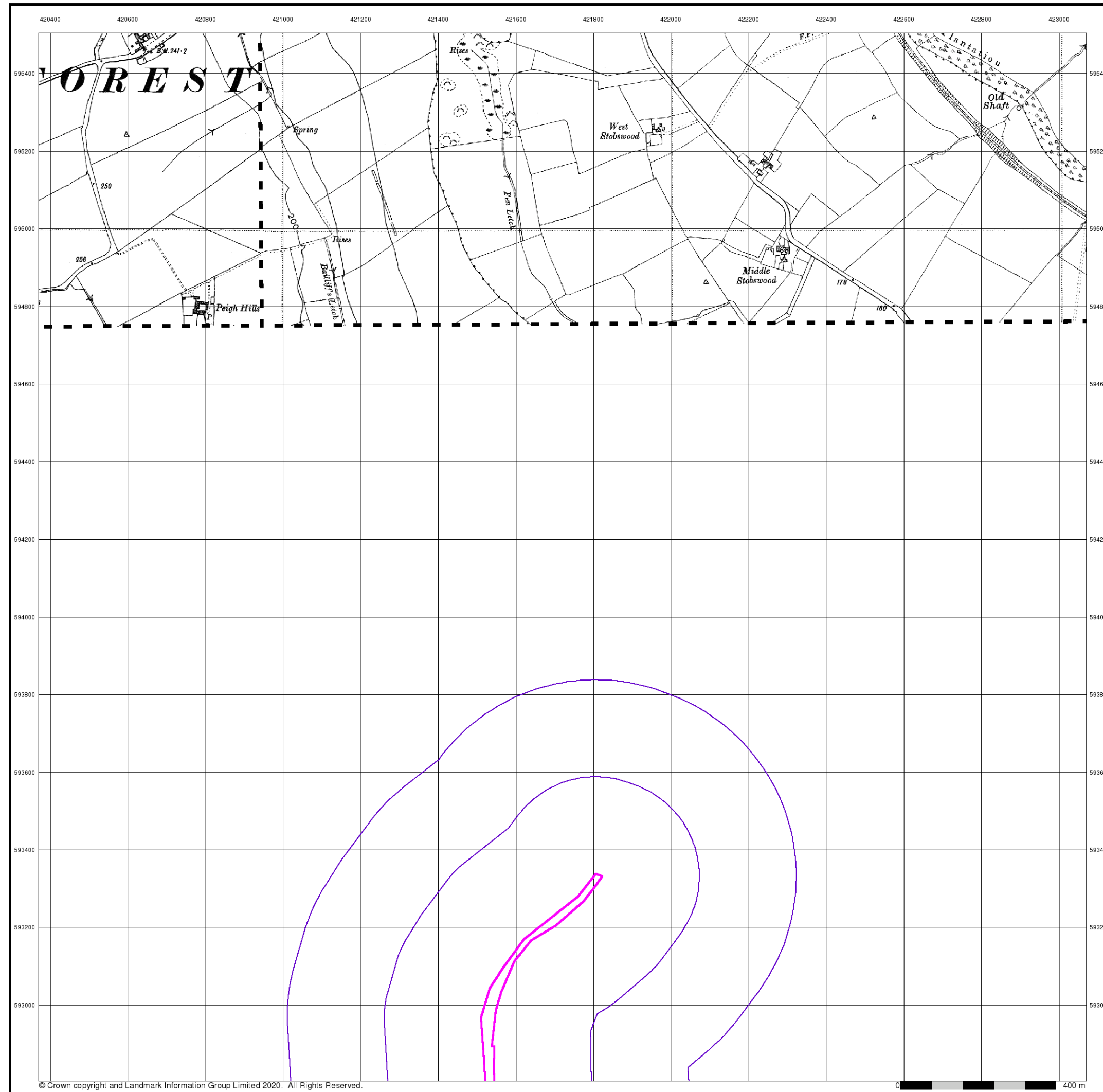


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road

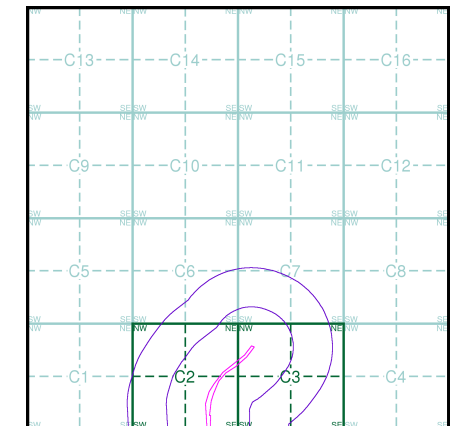


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

051SW 1947 1:10,560	051SE 1947 1:10,560
---------------------------	---------------------------

Historical Map - Slice C

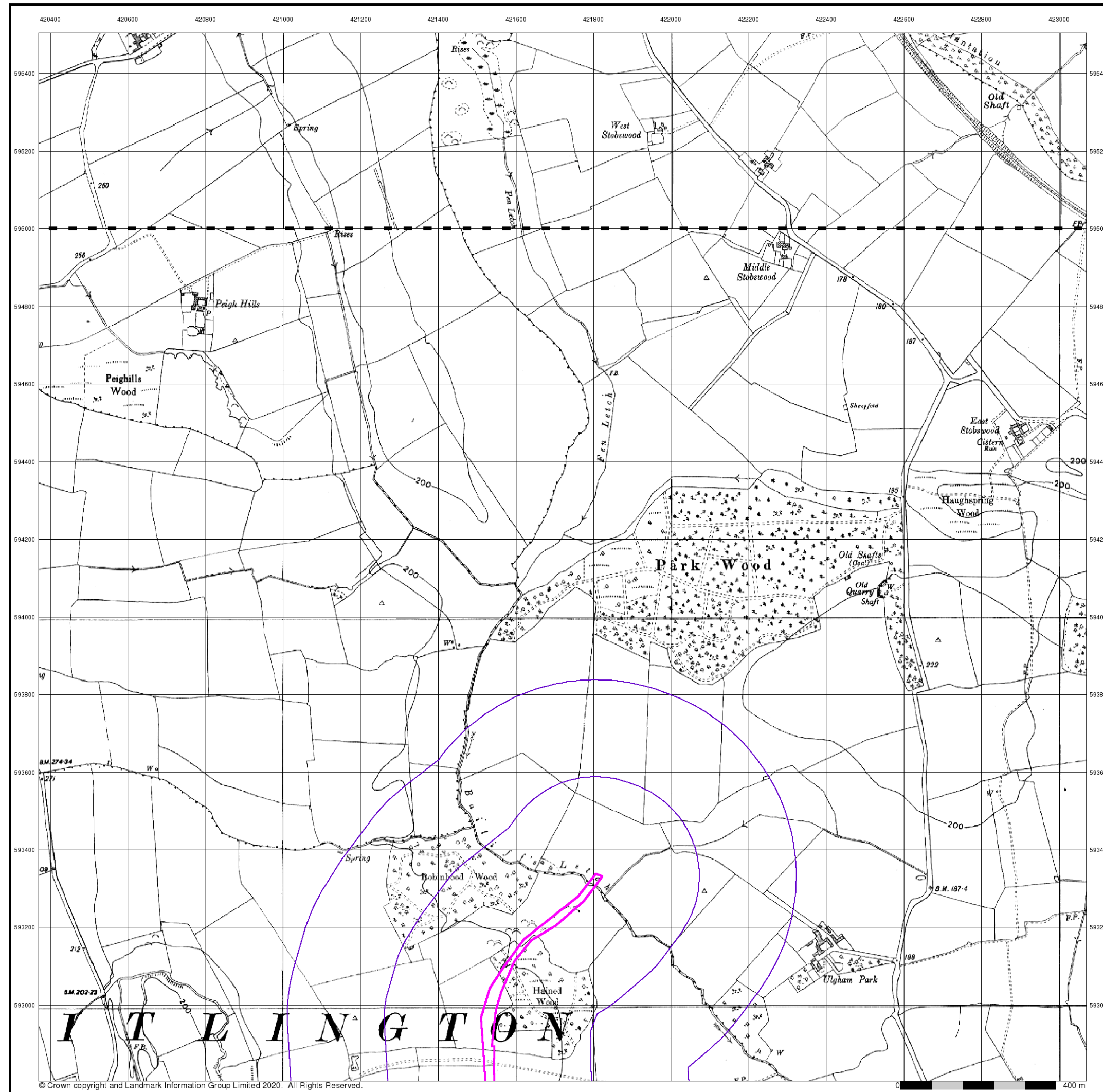


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road



Ordnance Survey Plan

Published 1950 - 1957

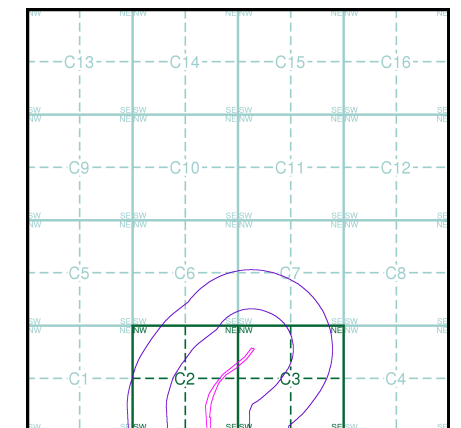
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

NZ29NW	1957	1:10,560
NZ29SW	1950	1:10,560

Historical Map - Slice C

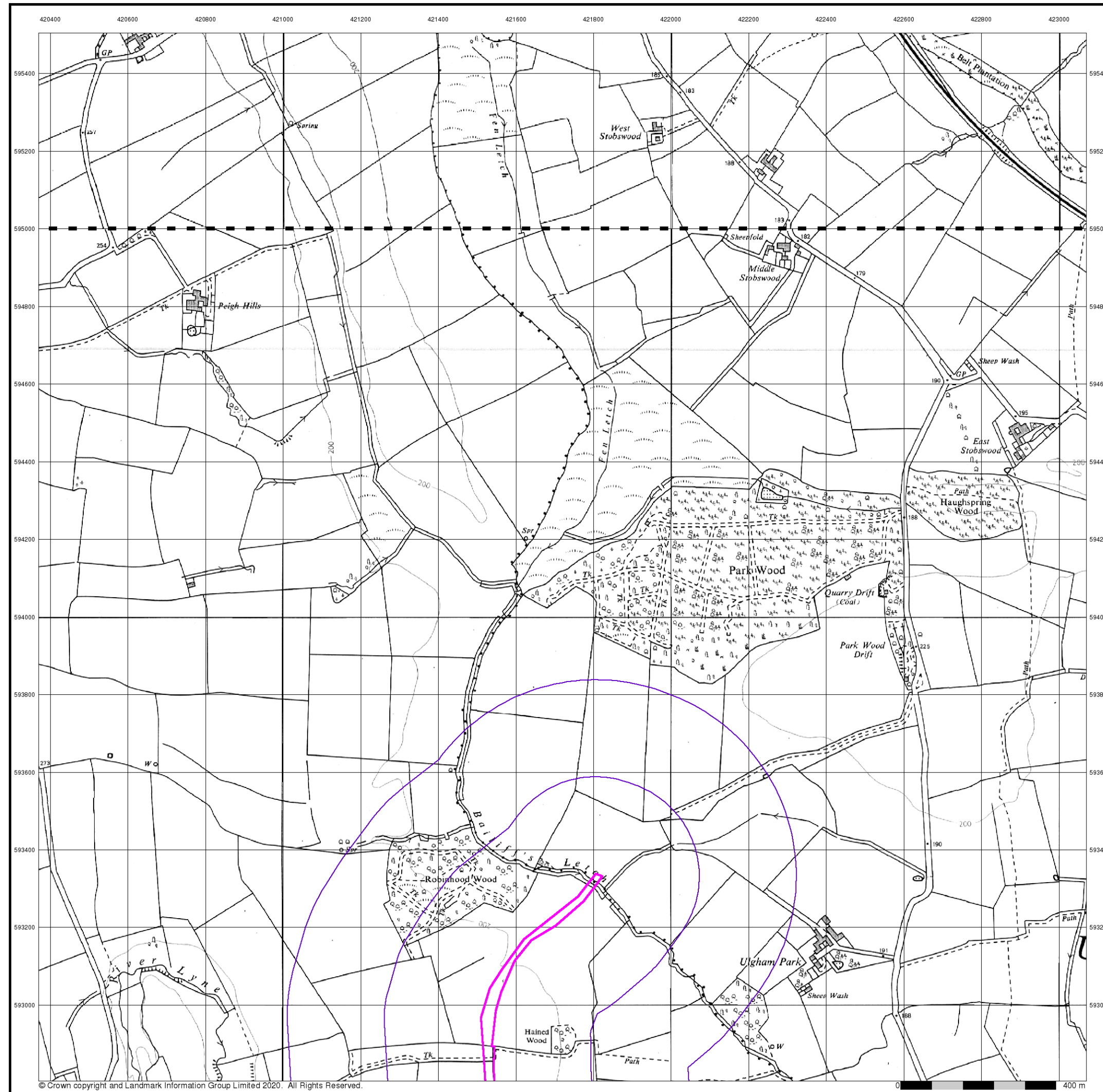


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road



Ordnance Survey Plan

Published 1966 - 1969

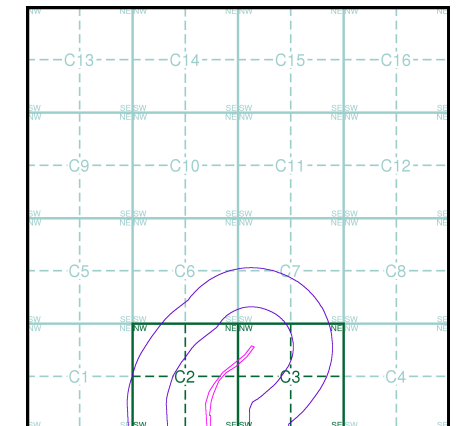
Source map scale - 1:10,000

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)

NZ29NW	1966	1:10,560
NZ29SW	1969	1:10,560

Historical Map - Slice C

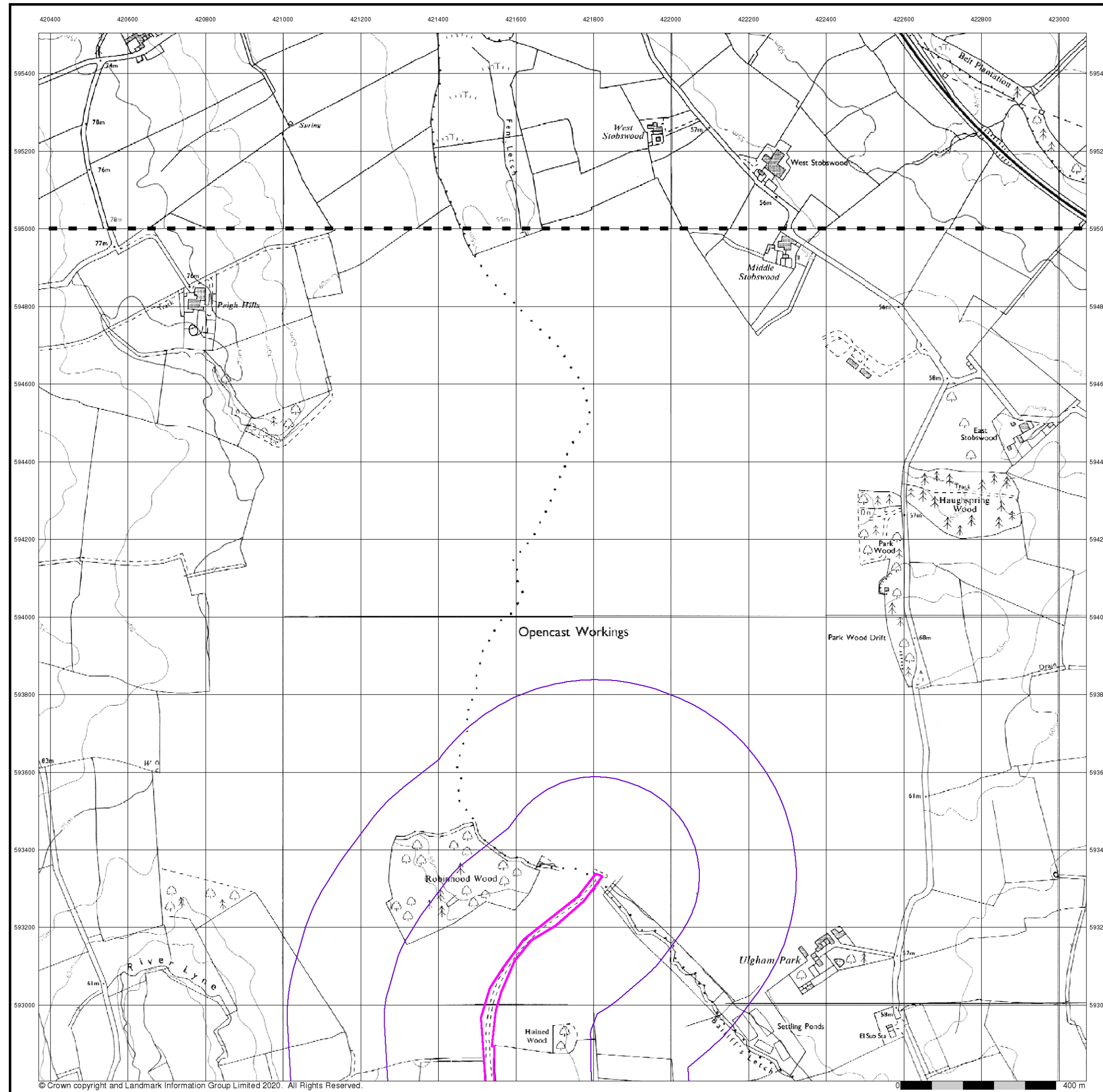


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road



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Ordnance Survey Plan

Published 1990 - 1992

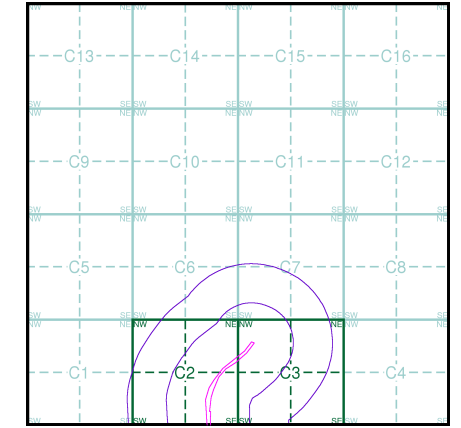
Source map scale - 1:10,000

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)

NZ29NW	1990
1:10,000	
NZ29SW	1992
1:10,000	

Historical Map - Slice C

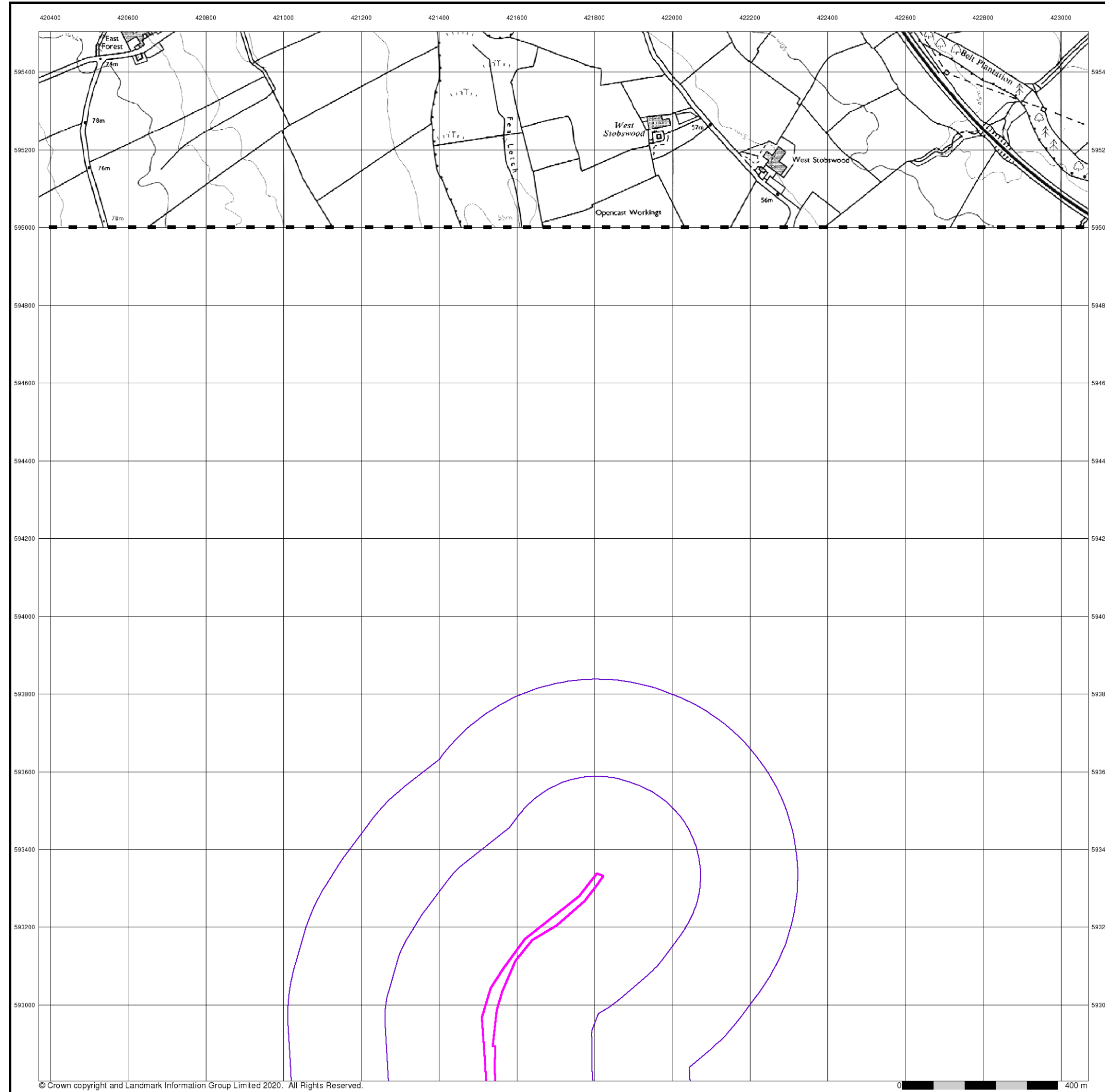


Order Details

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Site Details

Stobswood Haul Road



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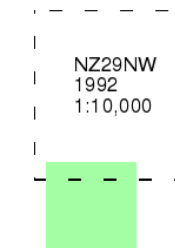
Ordnance Survey Plan

Published 1992

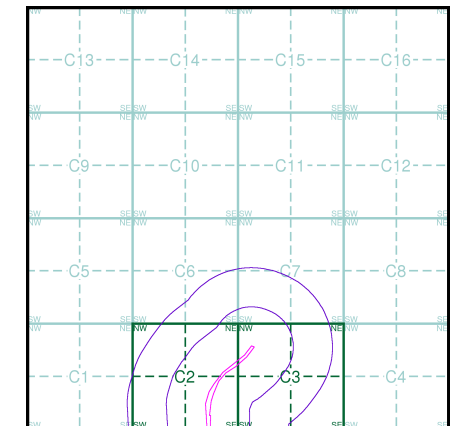
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice C

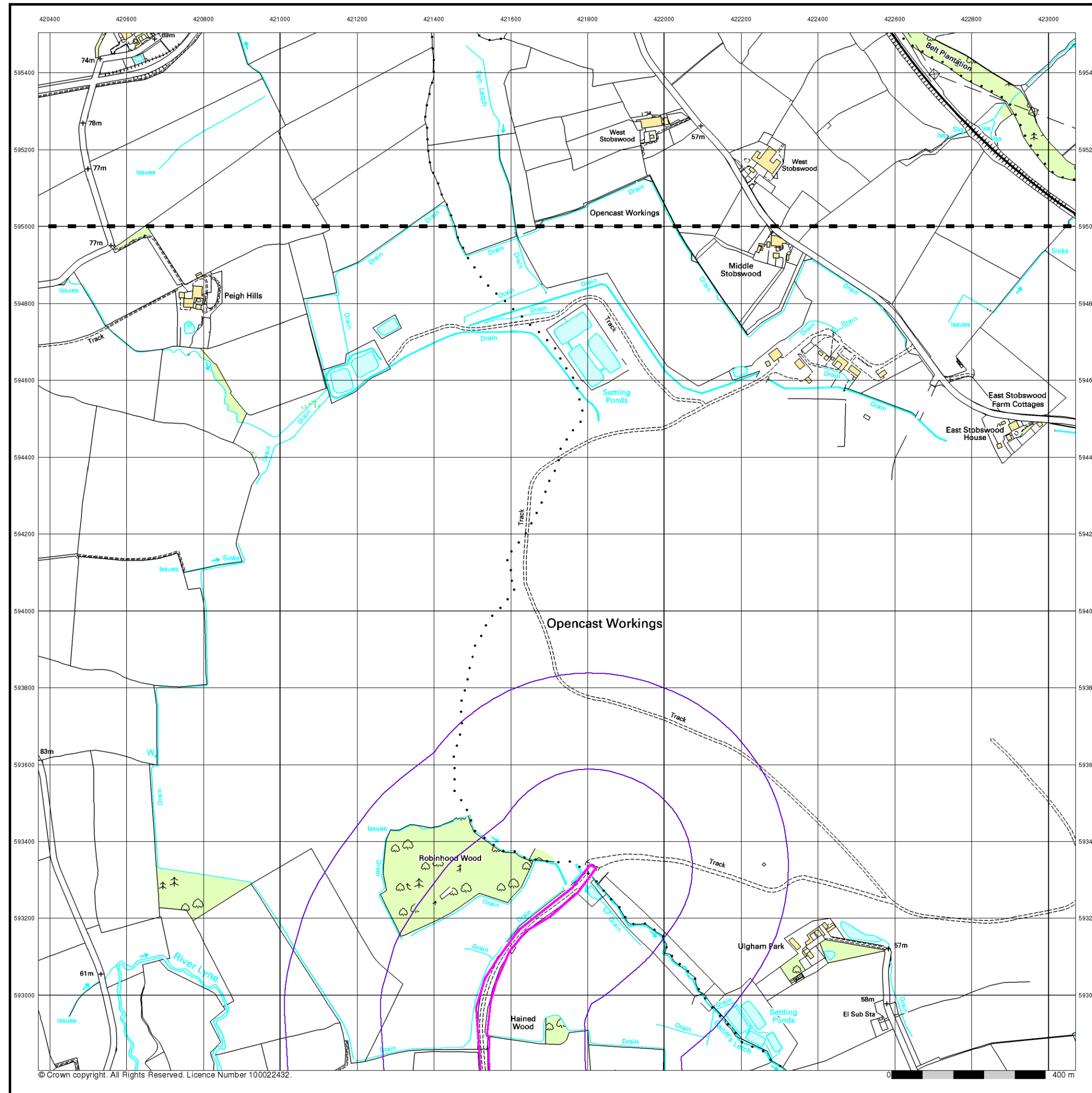


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road



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10k Raster Mapping

Published 2000

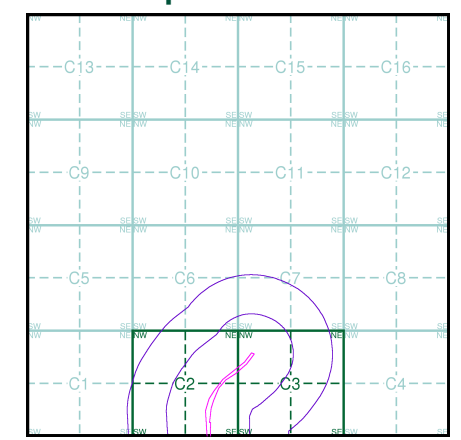
Source map scale - 1:10,000

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)

- NZ29NW | 2000 | 1:10,000
- NZ29SW | 2000 | 1:10,000

Historical Map - Slice C



Order Details

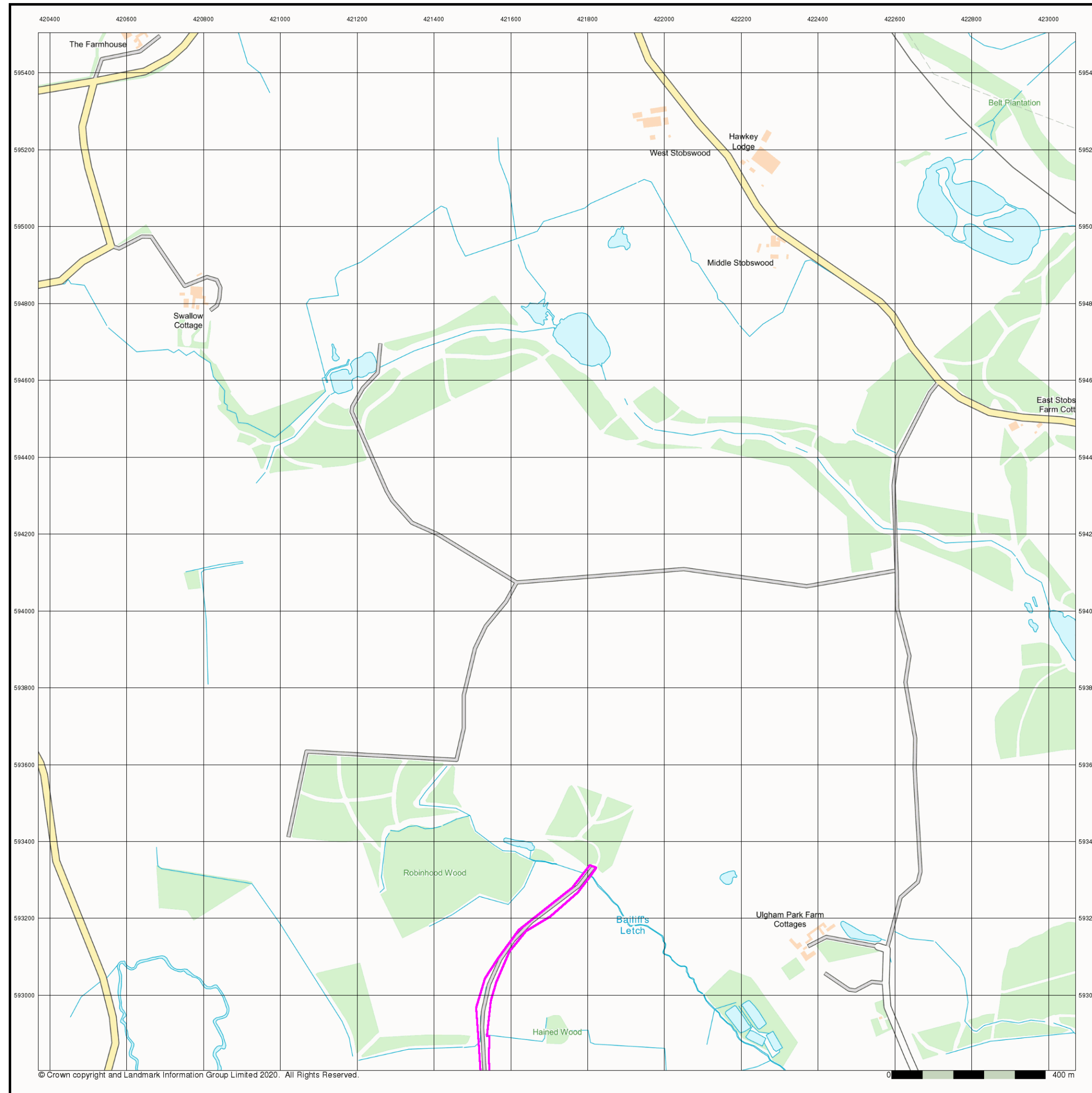
Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
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Site Details

Stobswood Haul Road

Landmark
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0 400 m

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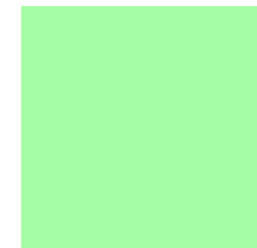
Street View

Published 2020

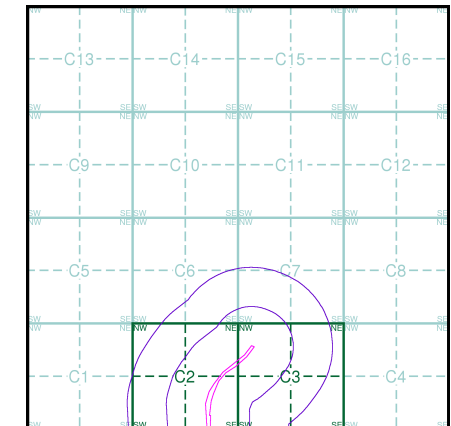
Source map scale - 1:10,000

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 C



Order Details

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Historical Mapping Legends

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

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

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
Beer House **Pillar, Pole or Post**
Boundary Post or Stone **Post Office**
Capstan, Crane **Public Convenience**
Chimney **Public House**
Drinking Fountain **Pump**
Electricity Pillar or Post **Signal Box or Bridge**
Fire Alarm Pillar **Signal Post or Light**
Foot Bridge **Spring**
Guide Post **Tank or Track**
Hydrant or Hydraulic **Telephone Call Box**
Level Crossing **Telephone Call Post**
Manhole **Trough**
Mile Post or Mooring Post **Water Point, Water Tap**
Mile Stone **Well**
Normal Tidal Limit **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**
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)
Barracks **Pillar, Pole or Post**
Battery **Post Office**
Cemetery **Public Convenience**
Chimney **Pump**
Cistern **Pumping Station**
Dismtd Rly **Place of Worship**
Electricity Generating Station **Sewage Ppg Sta** **Sewage Pumping Station**
Electricity Pole, Pillar **Signal Box or Bridge**
Electricity Sub Station **Signal Post or Light**
Filter Bed **Spring**
Fountain / Drinking Ftn. **Tank or Track**
Gas Valve Compound **Trough**
Gas Governor **Wind Pump**
Guide Post **Water Point, Water Tap**
Manhole **Works (building or area)**
Mile Post or Mile Stone **Well**

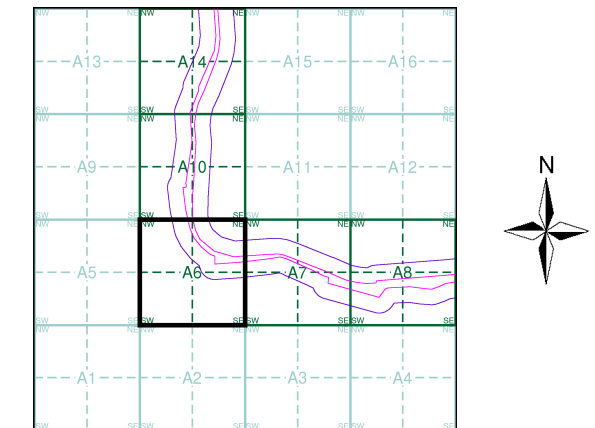
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northumberland	1:2,500	1859	2
Northumberland	1:2,500	1895	3
Northumberland	1:2,500	1897	4
Northumberland	1:2,500	1923	5
Ordnance Survey Plan	1:2,500	1957	6
Ordnance Survey Plan	1:2,500	1967	7
Additional SIMs	1:2,500	1985 - 1986	8
Additional SIMs	1:2,500	1990	9
Large-Scale National Grid Data	1:2,500	1994	10

Historical Map - Segment A6



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road

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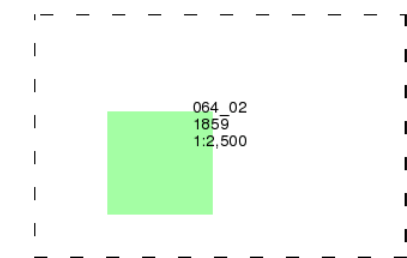
Northumberland

Published 1859

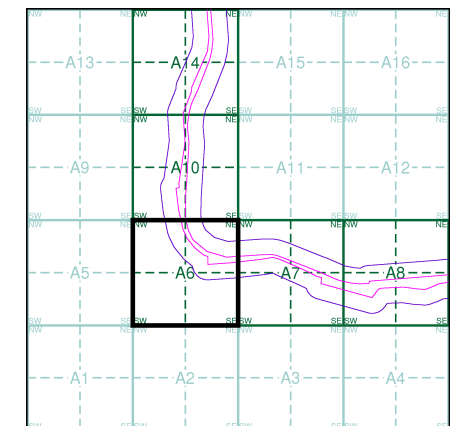
Source map scale - 1:2,500

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 A6

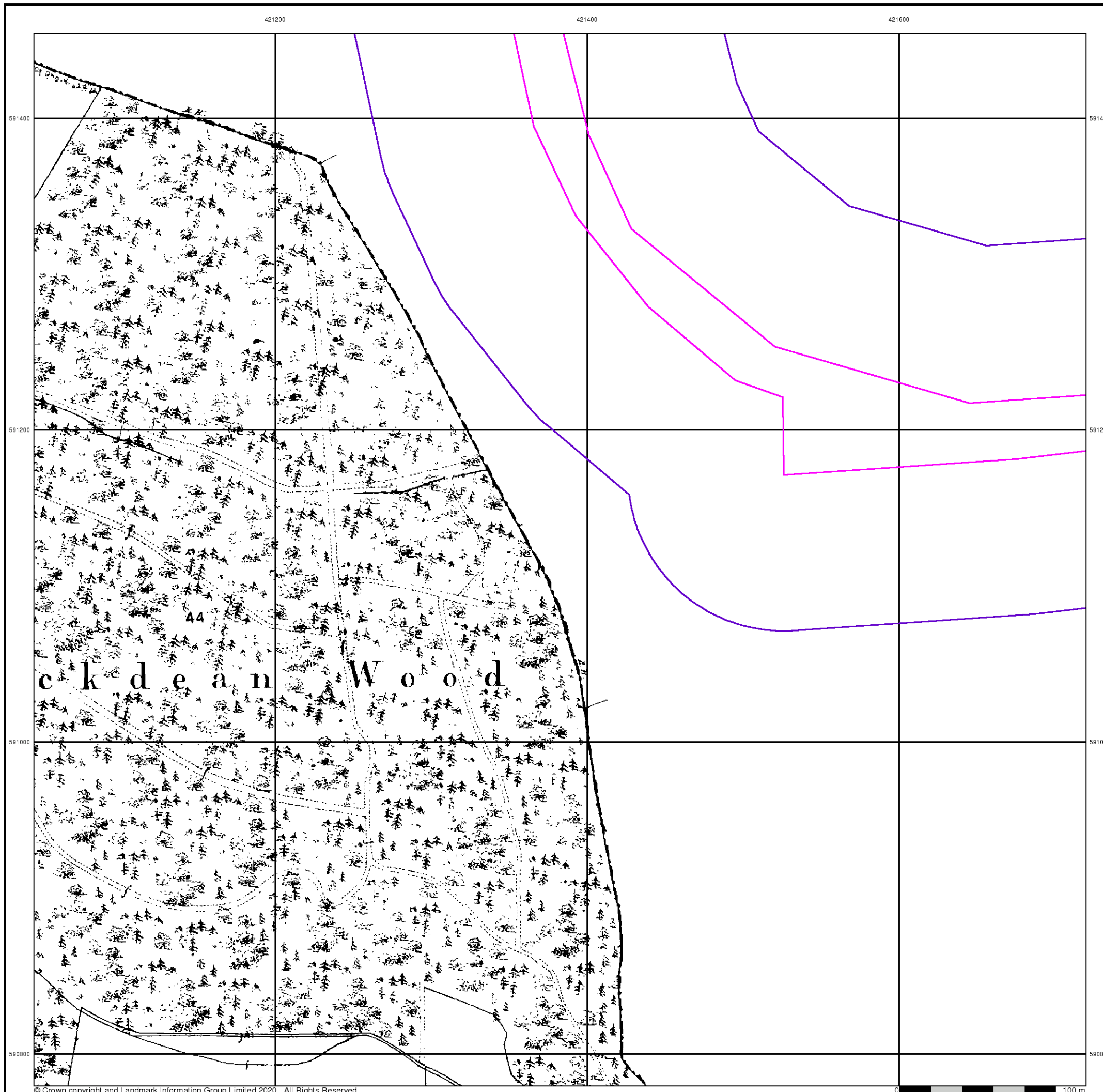


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Site Details

Stobswood Haul Road



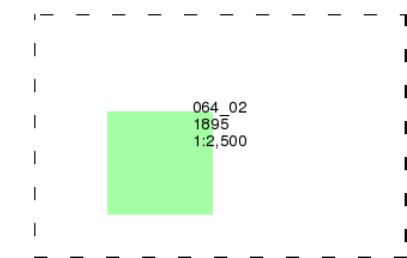
Northumberland

Published 1895

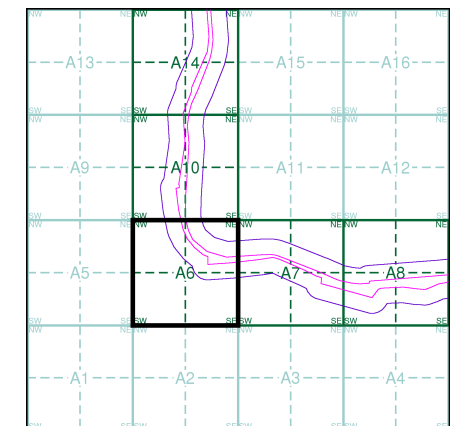
Source map scale - 1:2,500

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 A6

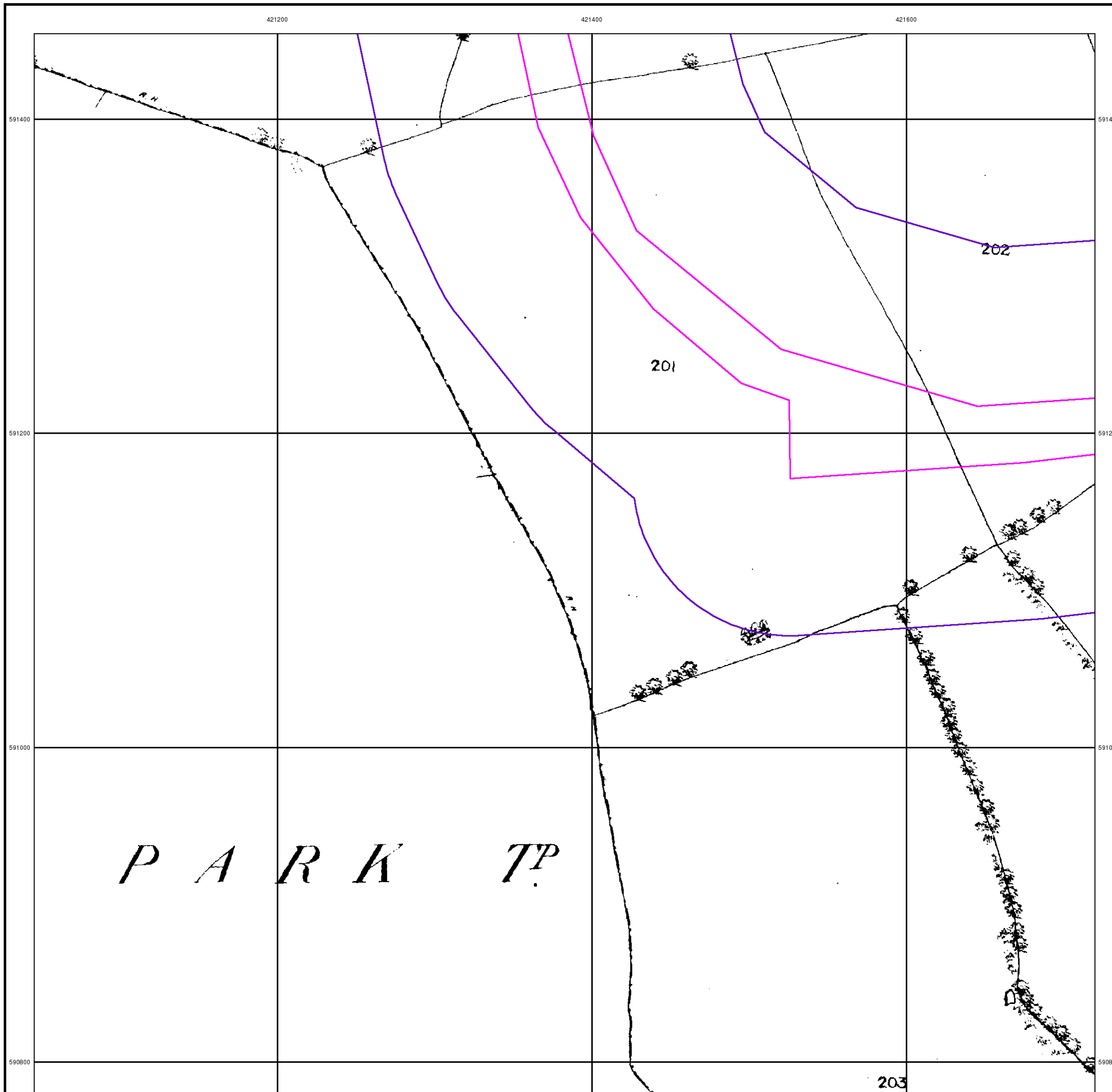


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Customer Ref: 3865
National Grid Reference: 421830, 591520
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Site Details

Stobswood Haul Road



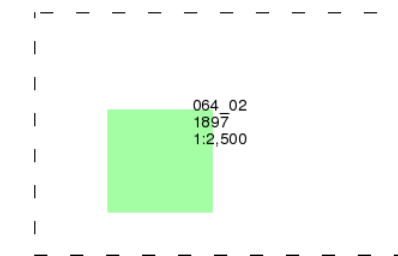
Northumberland

Published 1897

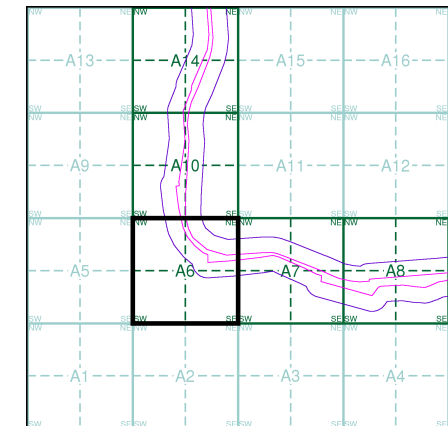
Source map scale - 1:2,500

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

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Historical Map - Segment A6

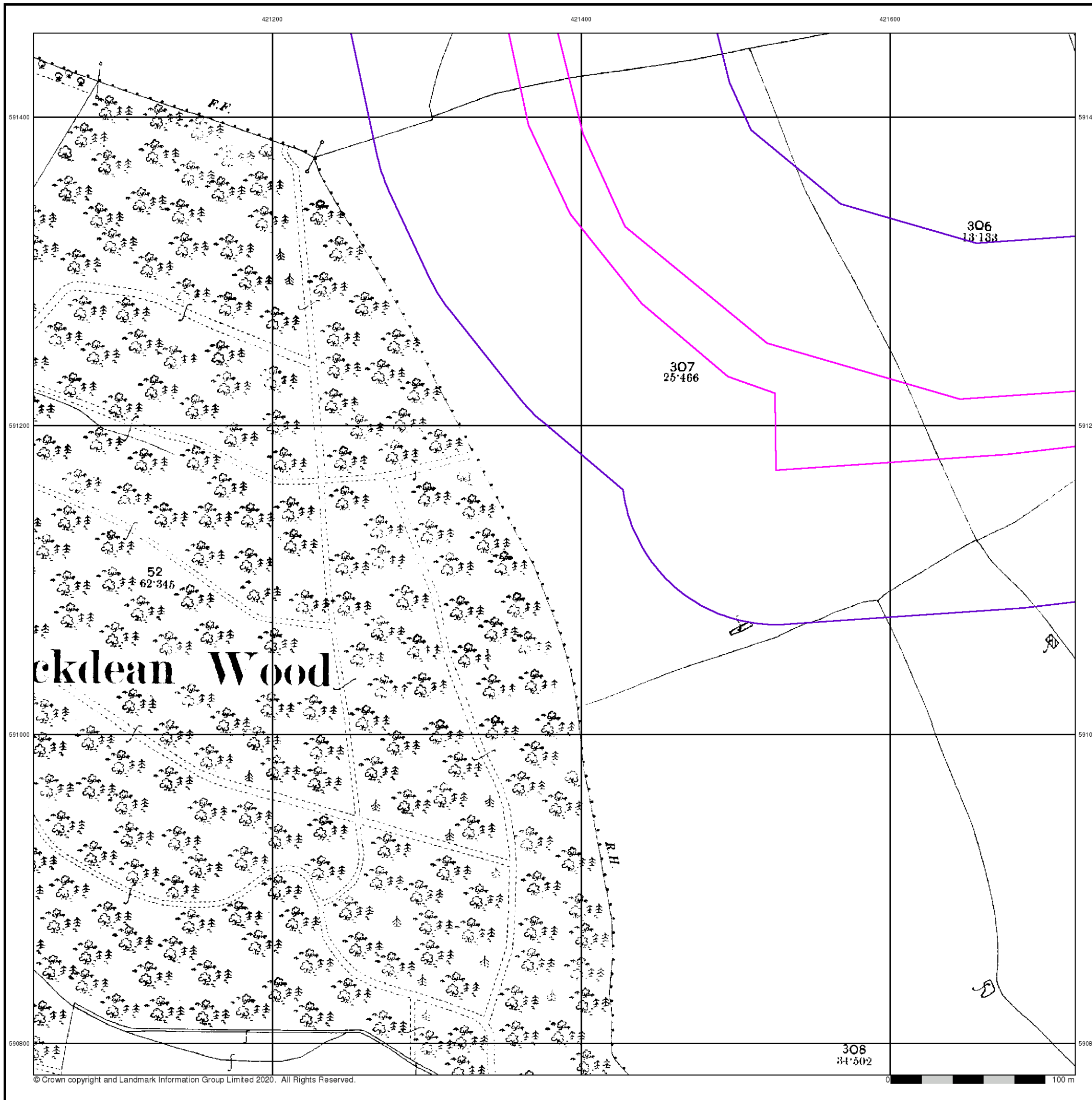


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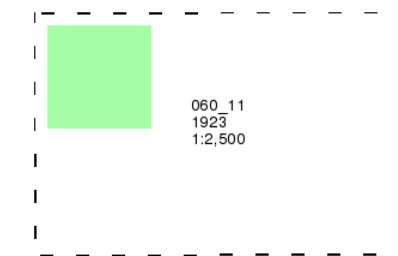
Site Details

Stobswood Haul Road

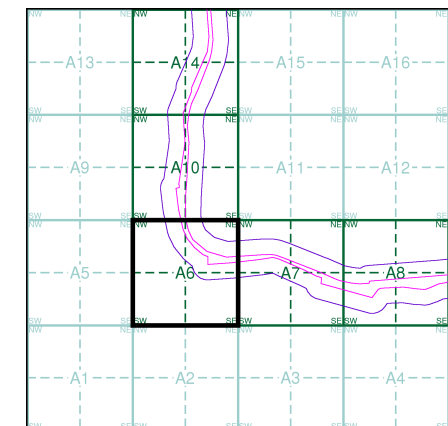


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

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Historical Map - Segment A6

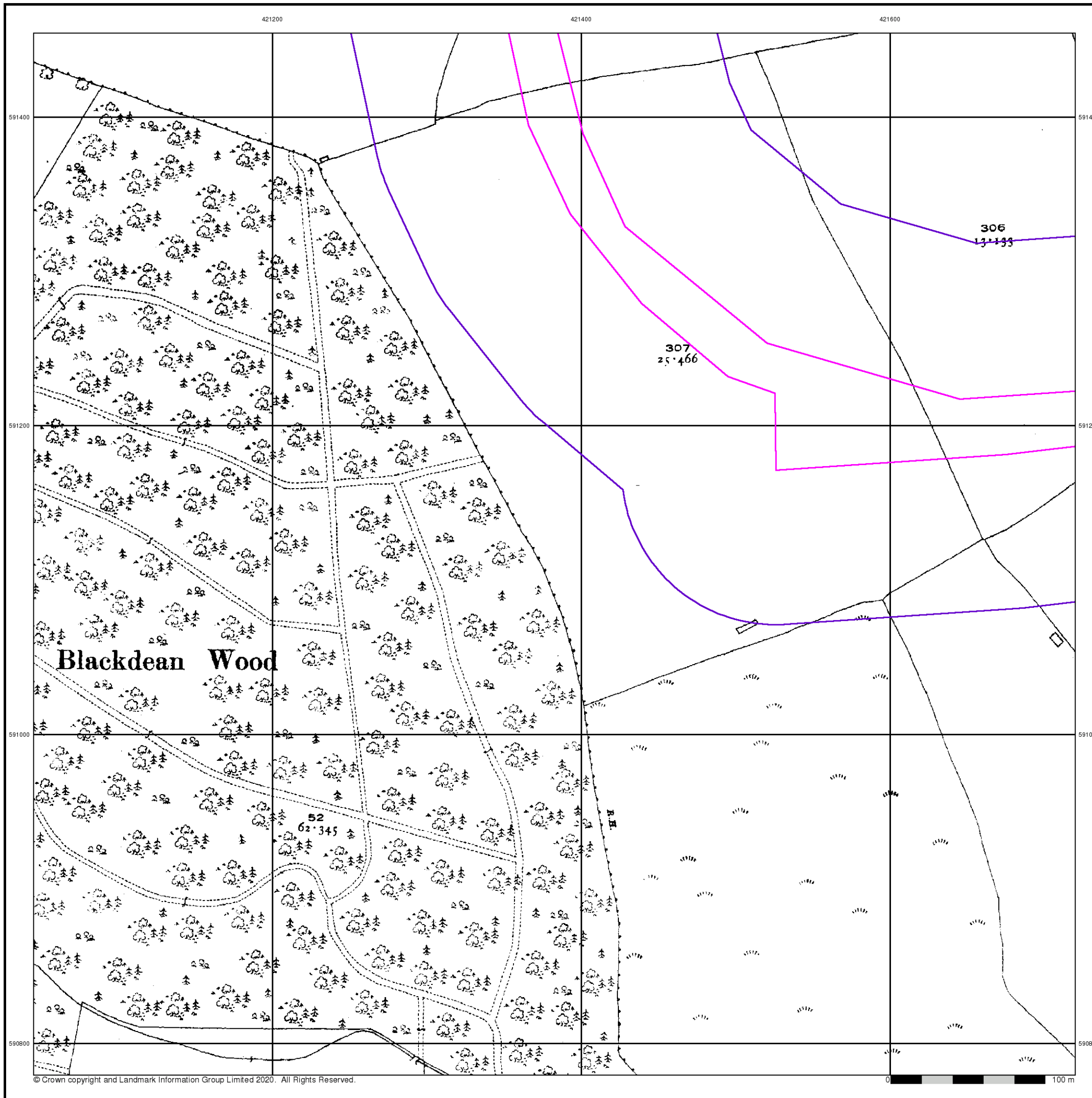


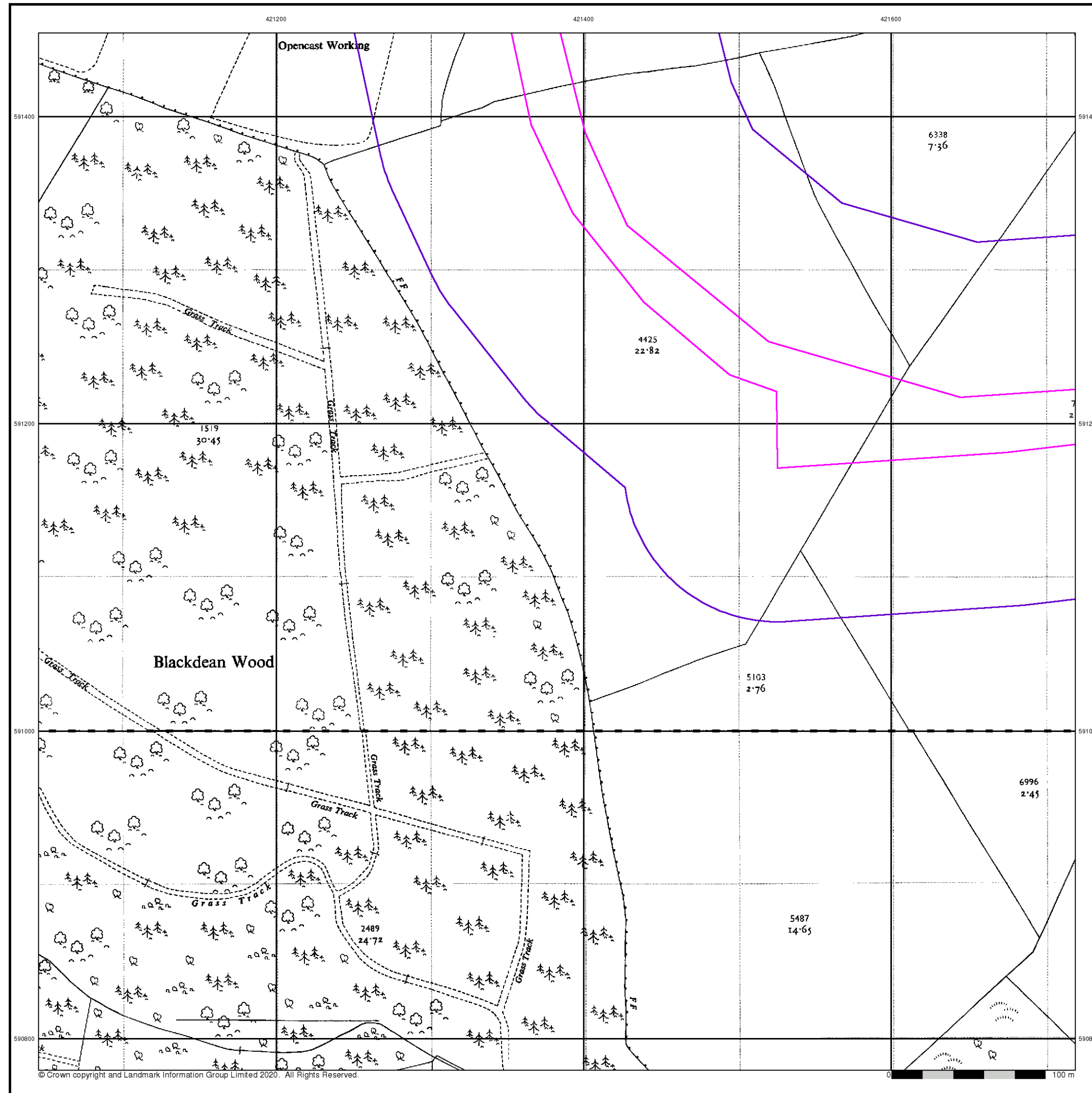
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Site Details

Stobswood Haul Road





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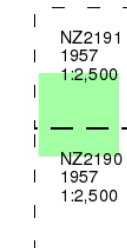
Ordnance Survey Plan

Published 1957

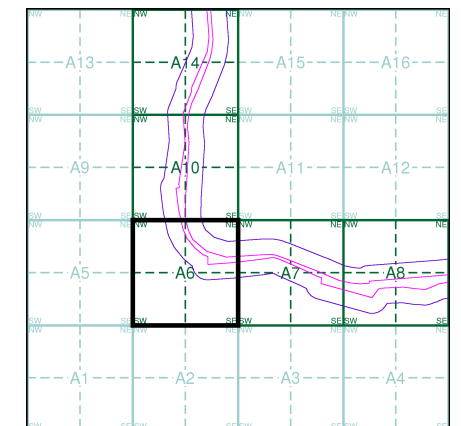
Source map scale - 1:2,500

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 A6



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Site Details

Stobswood Haul Road

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Ordnance Survey Plan

Published 1967

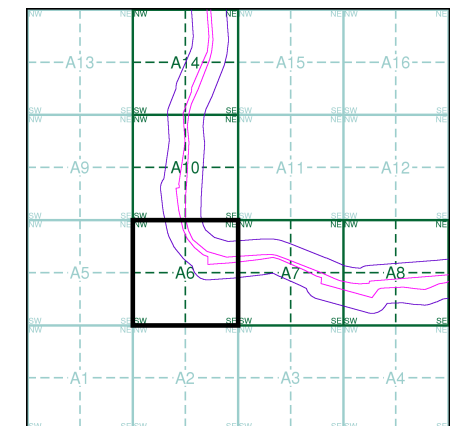
Source map scale - 1:2,500

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Map Name(s) and Date(s)

NZ2191	1967	1:2,500
NZ2190	1967	1:2,500

Historical Map - Segment A6

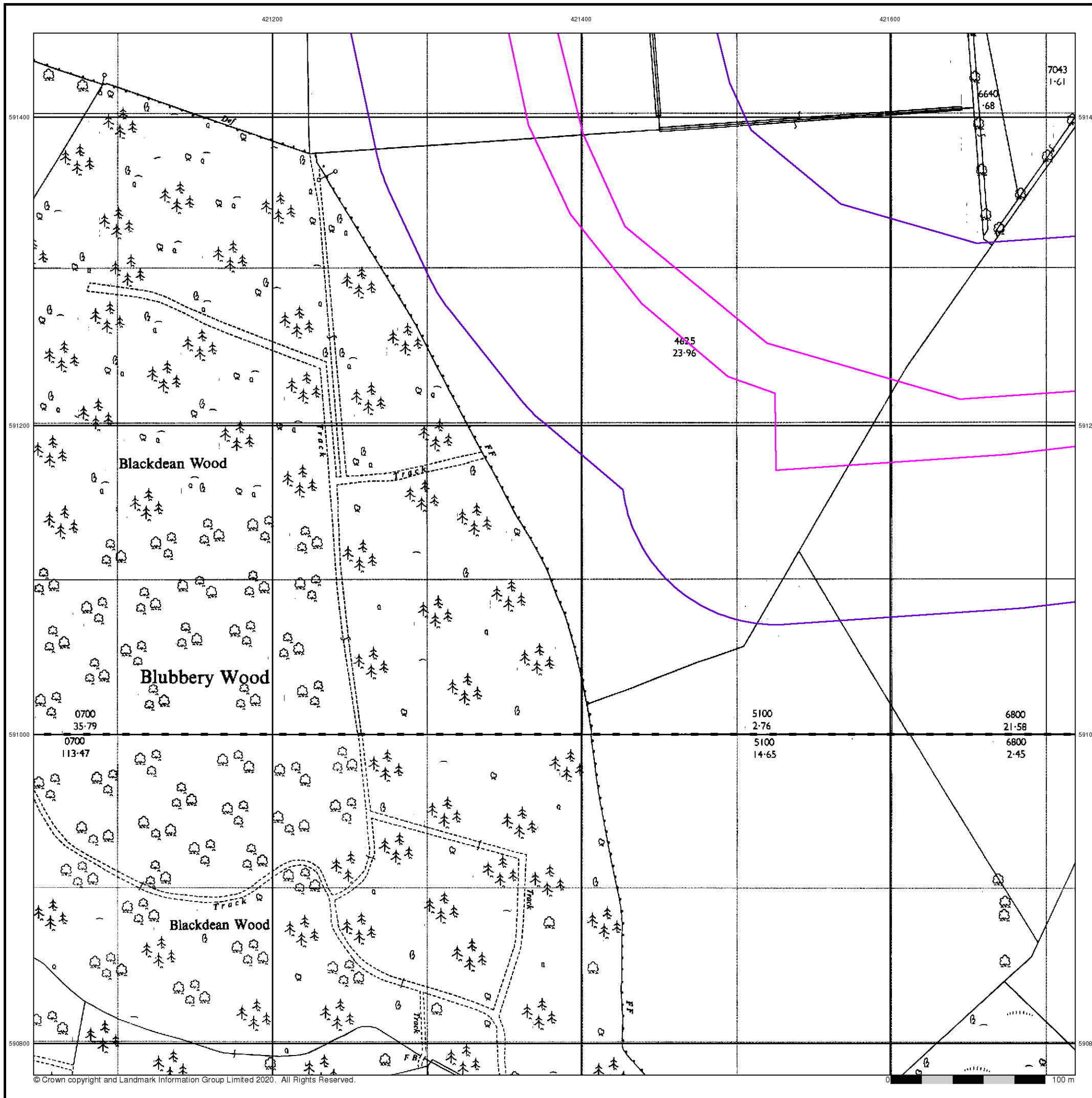


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Site Details

Stobswood Haul Road



Additional SIMs

Published 1985 - 1986

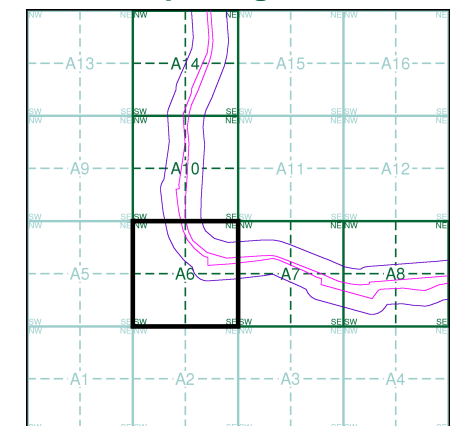
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2191	1985	1:2,500
NZ2190	1986	1:2,500

Historical Map - Segment A6



Order Details

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Site Details

Stobswood Haul Road



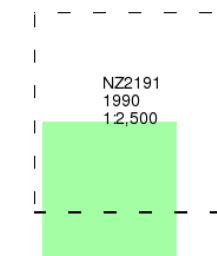
Additional SIMs

Published 1990

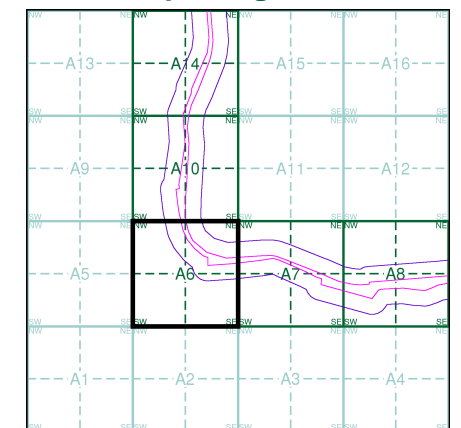
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A6

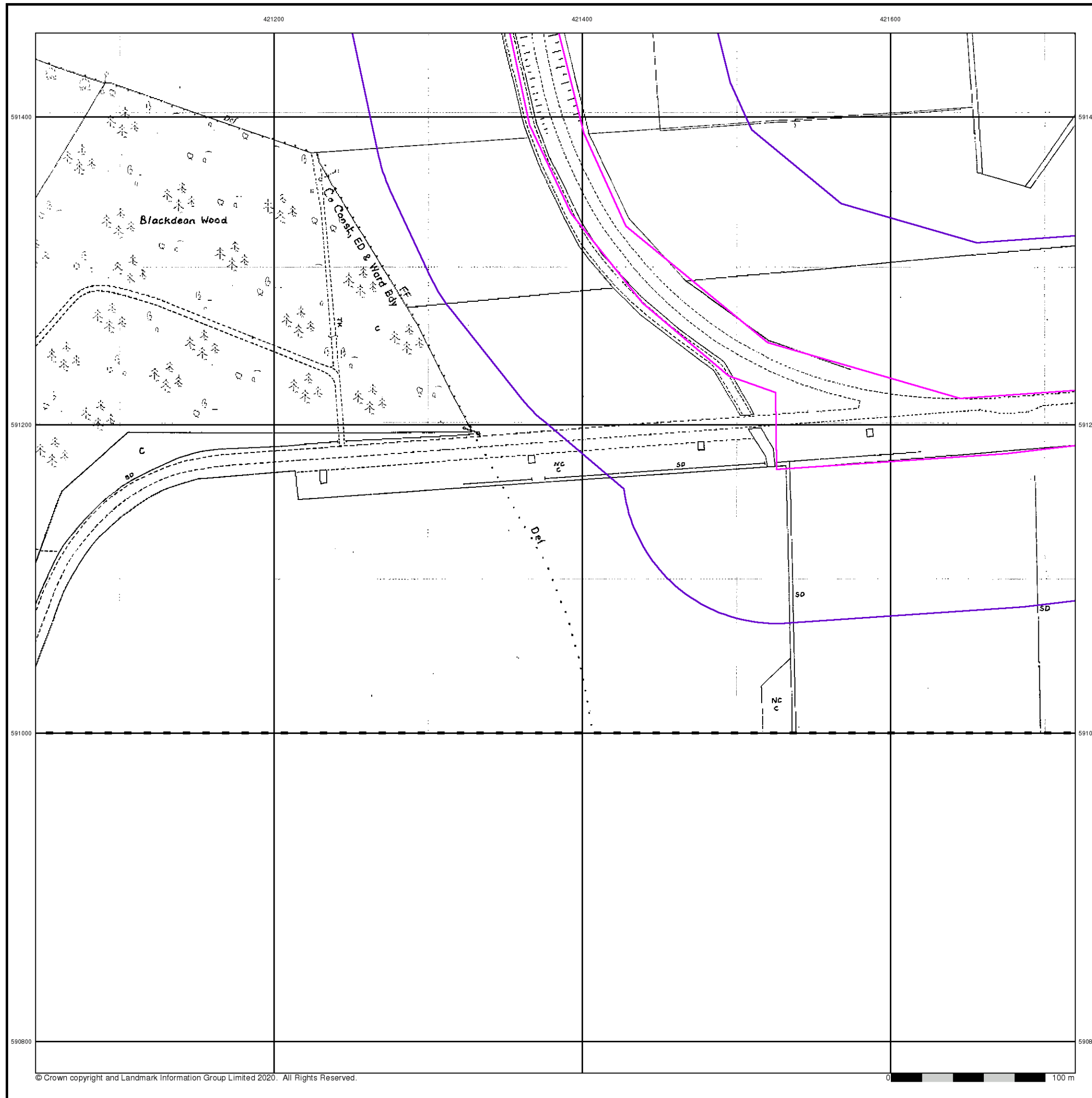


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Customer Ref: 3865
National Grid Reference: 421830, 591520
Slice: A
Site Area (Ha): 20.42
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Site Details

Stobswood Haul Road



Large-Scale National Grid Data

Published 1994

Source map scale - 1:2,500

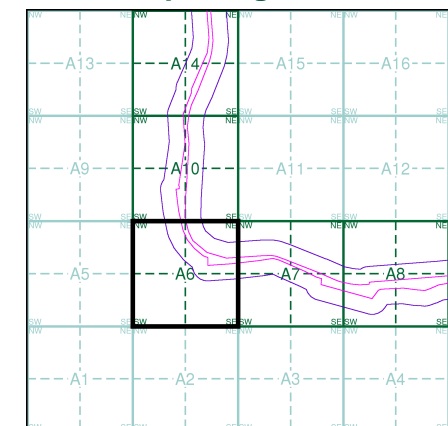
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

NZ2191
1994
1:2,500

NZ2190
1994
1:2,500

Historical Map - Segment A6

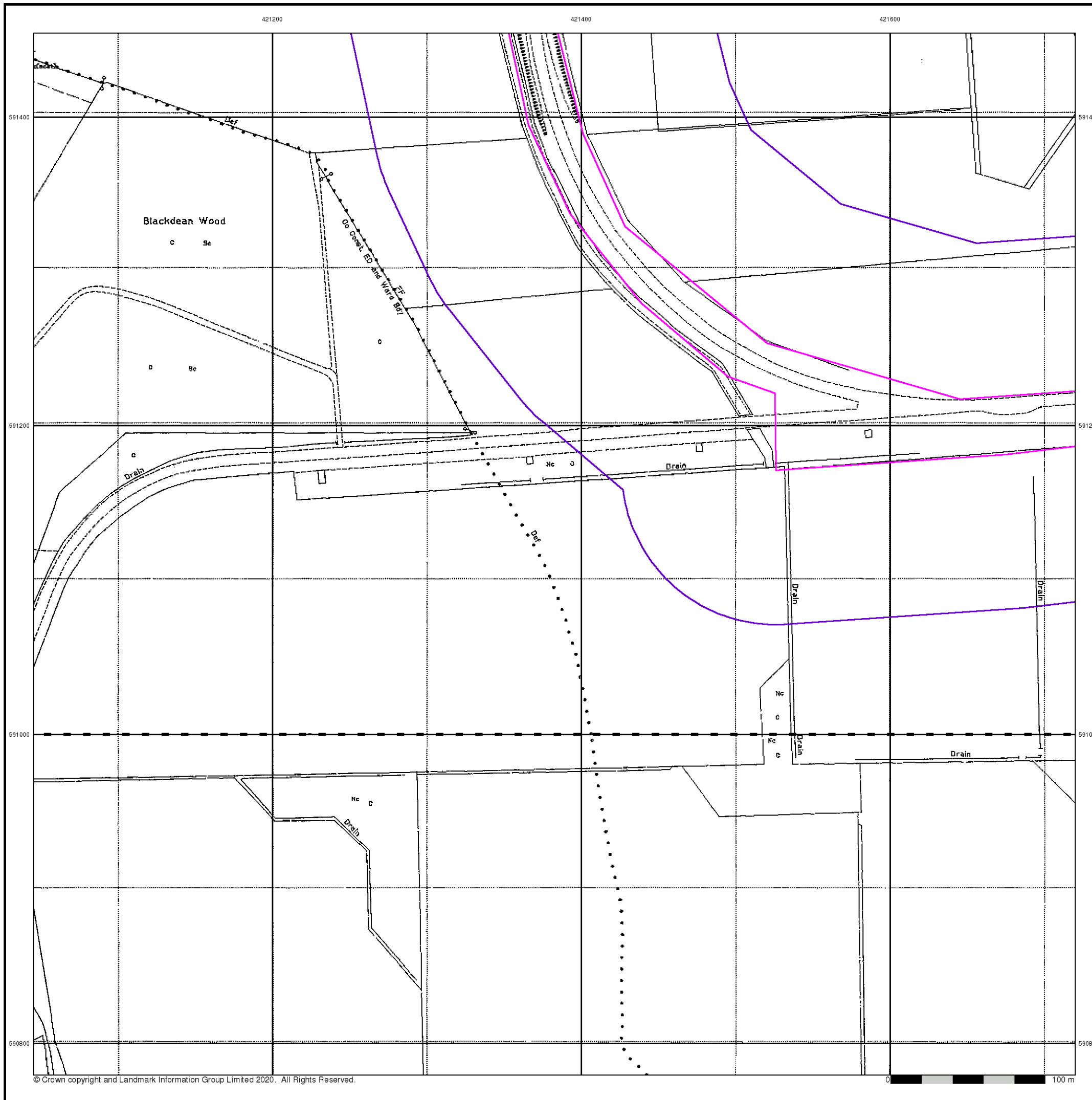


Order Details

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 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**

Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**

Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**

Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**

Cutting **Embankment**

Railway crossing Road **Level Crossing** **Road crossing Railway**

Railway crossing River or Canal **Road over single stream** **Road over River or Canal**

County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)

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**

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)**

Electricity Transmission Line **Electricity Pylon**

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)

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**

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

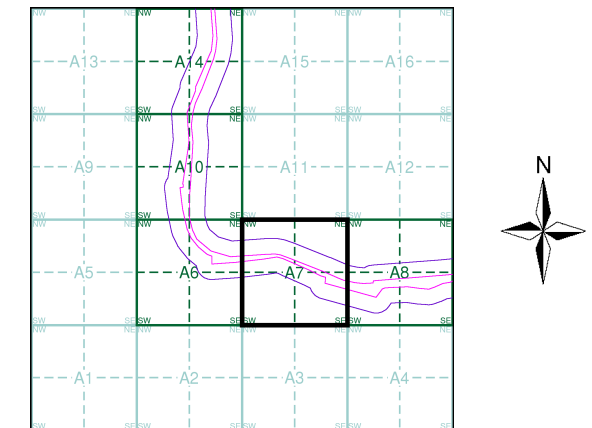
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northumberland	1:2,500	1859	2
Northumberland	1:2,500	1895	3
Northumberland	1:2,500	1897	4
Northumberland	1:2,500	1923	5
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Additional SIMs	1:2,500	1957 - 1986	7
Ordnance Survey Plan	1:2,500	1967	8
Additional SIMs	1:2,500	1985 - 1990	9
Additional SIMs	1:2,500	1986 - 1991	10
Additional SIMs	1:2,500	1990	11
Large-Scale National Grid Data	1:2,500	1994	12

Historical Map - Segment A7



Order Details

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Site Details

Stobswood Haul Road

Landmark
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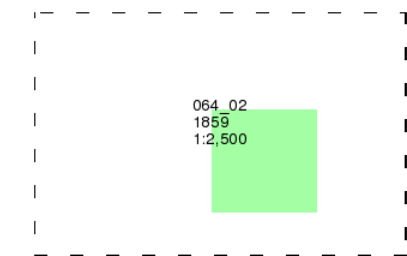
Northumberland

Published 1859

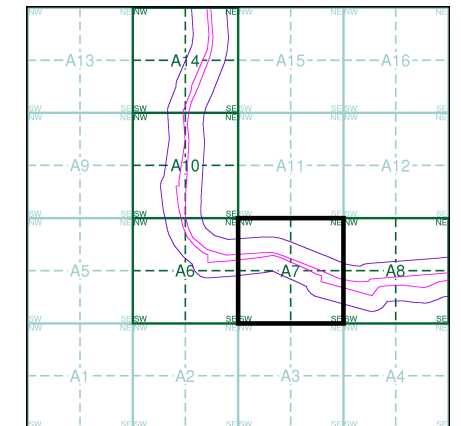
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)



Historical Map - Segment A7

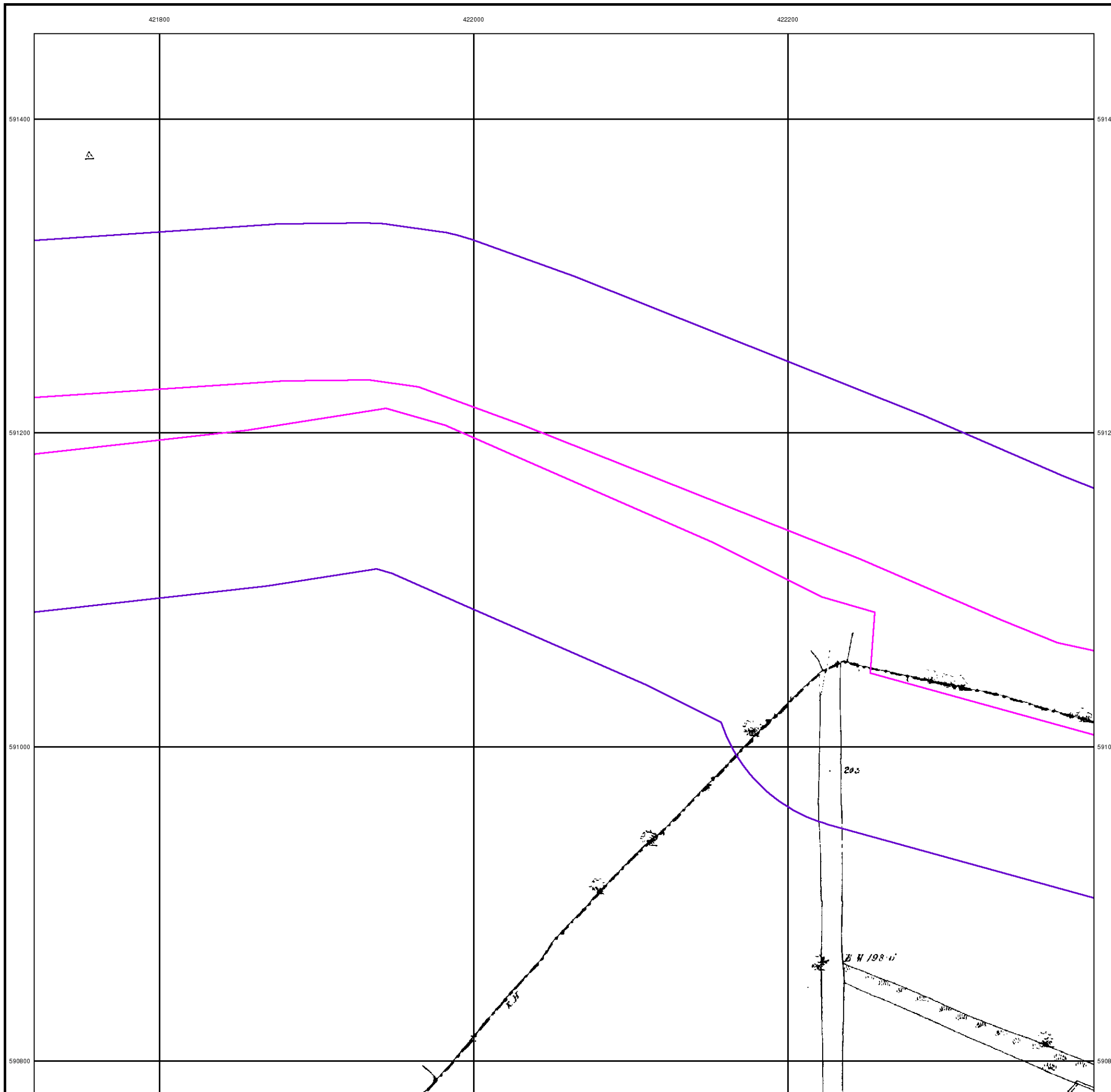


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Stobswood Haul Road



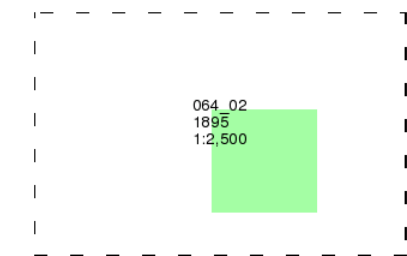
Northumberland

Published 1895

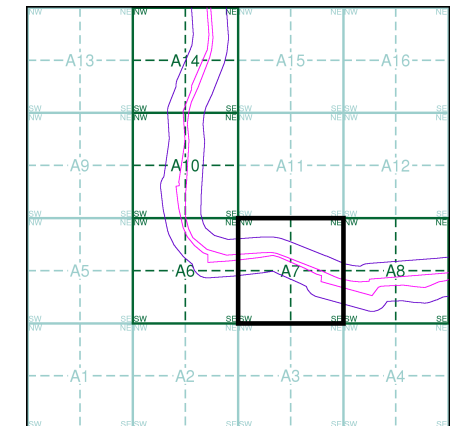
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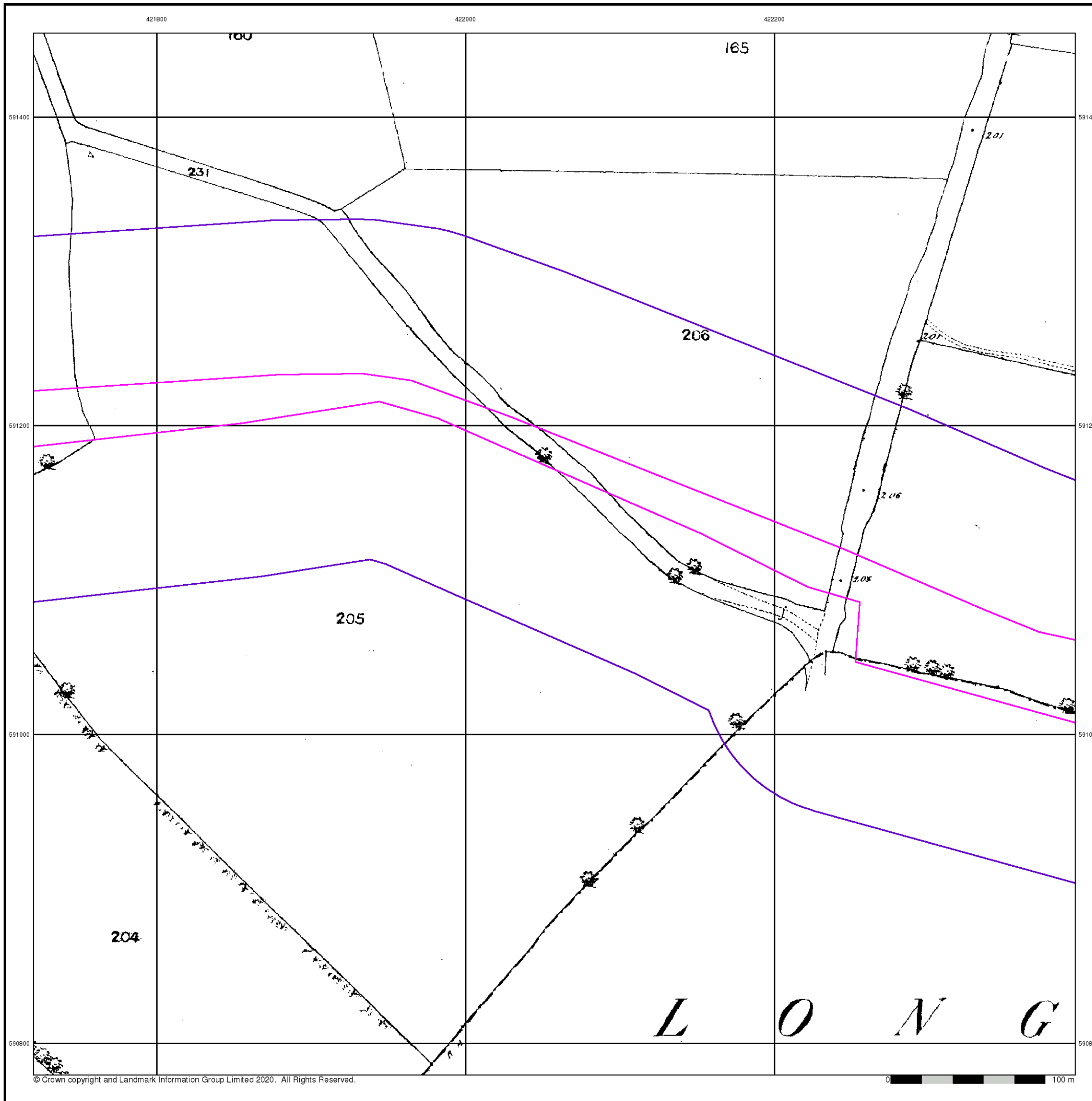


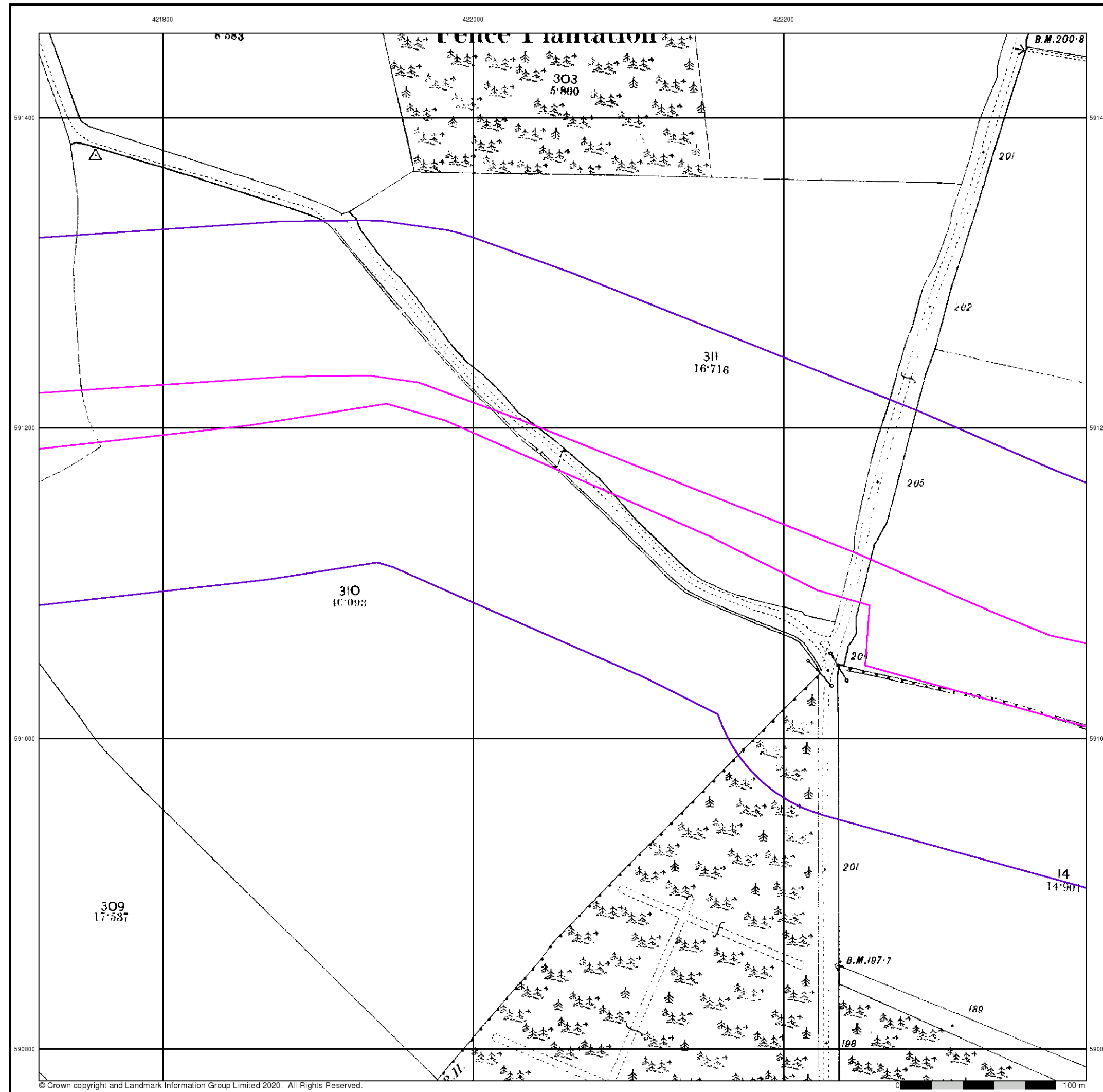
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Stobswood Haul Road





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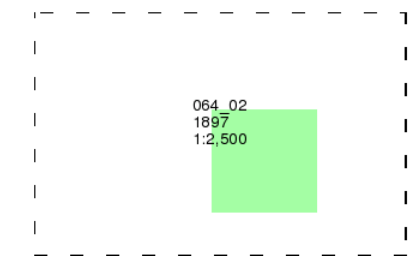
Northumberland

Published 1897

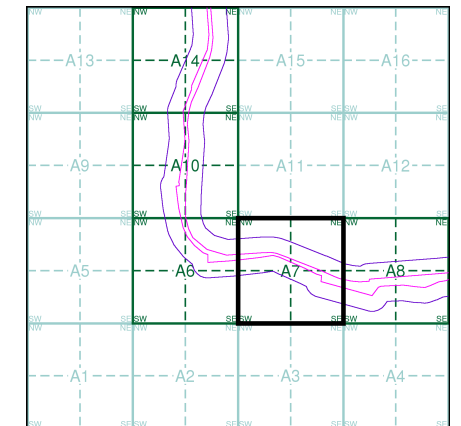
Source map scale - 1:2,500

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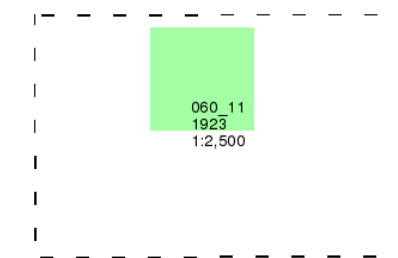
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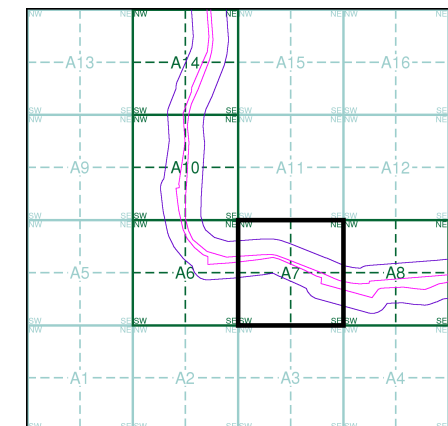
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Map Name(s) and Date(s)



Historical Map - Segment A7

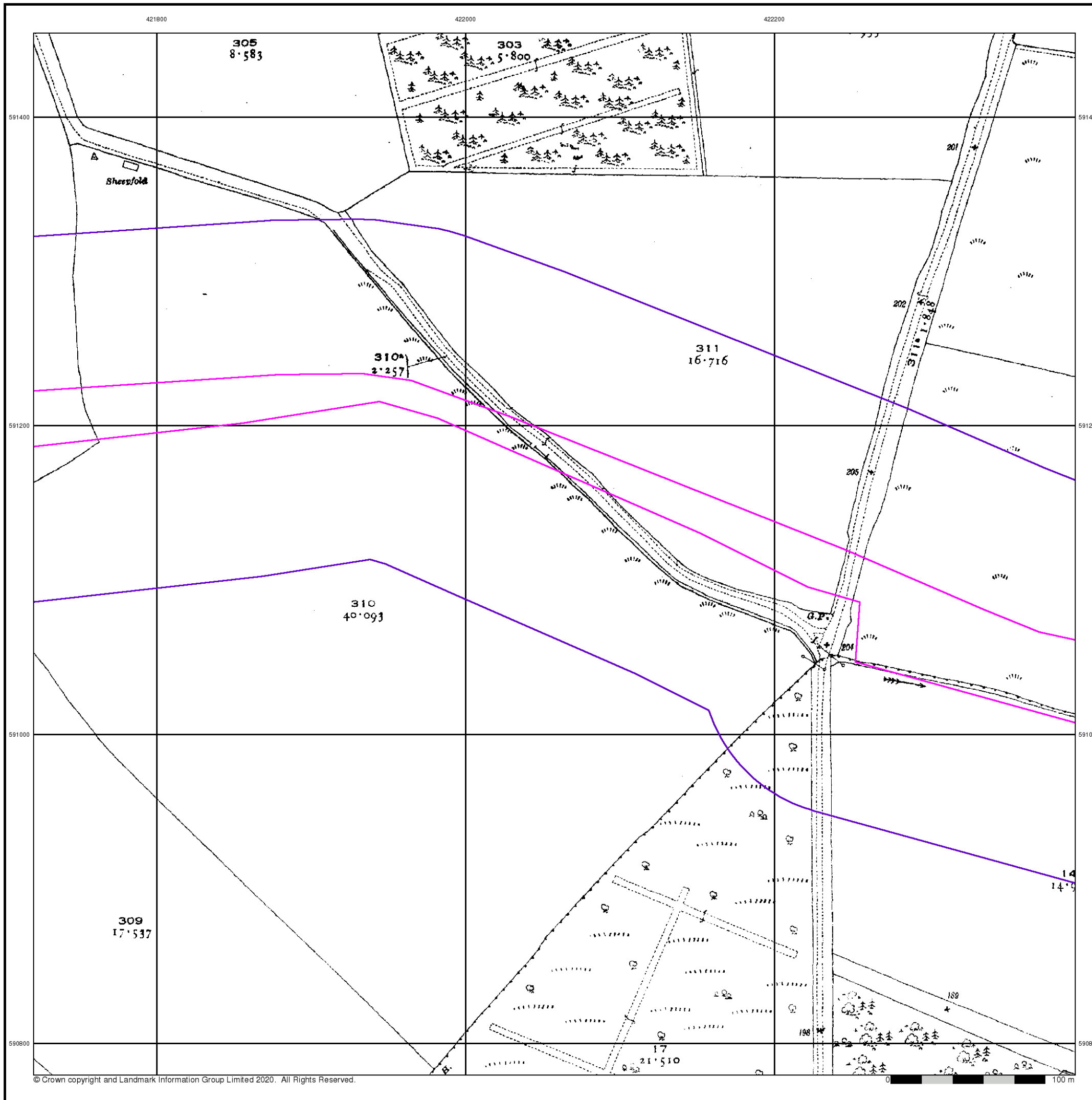


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Ordnance Survey Plan

Published 1957

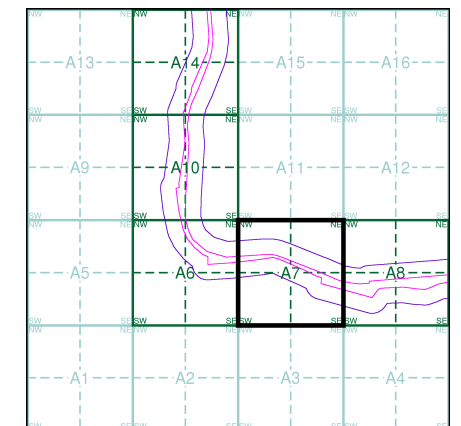
Source map scale - 1:2,500

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)

NZ2191 1957 1:2,500	NZ2291 1957 1:2,500
NZ2190 1957 1:2,500	NZ2290 1957 1:2,500

Historical Map - Segment A7

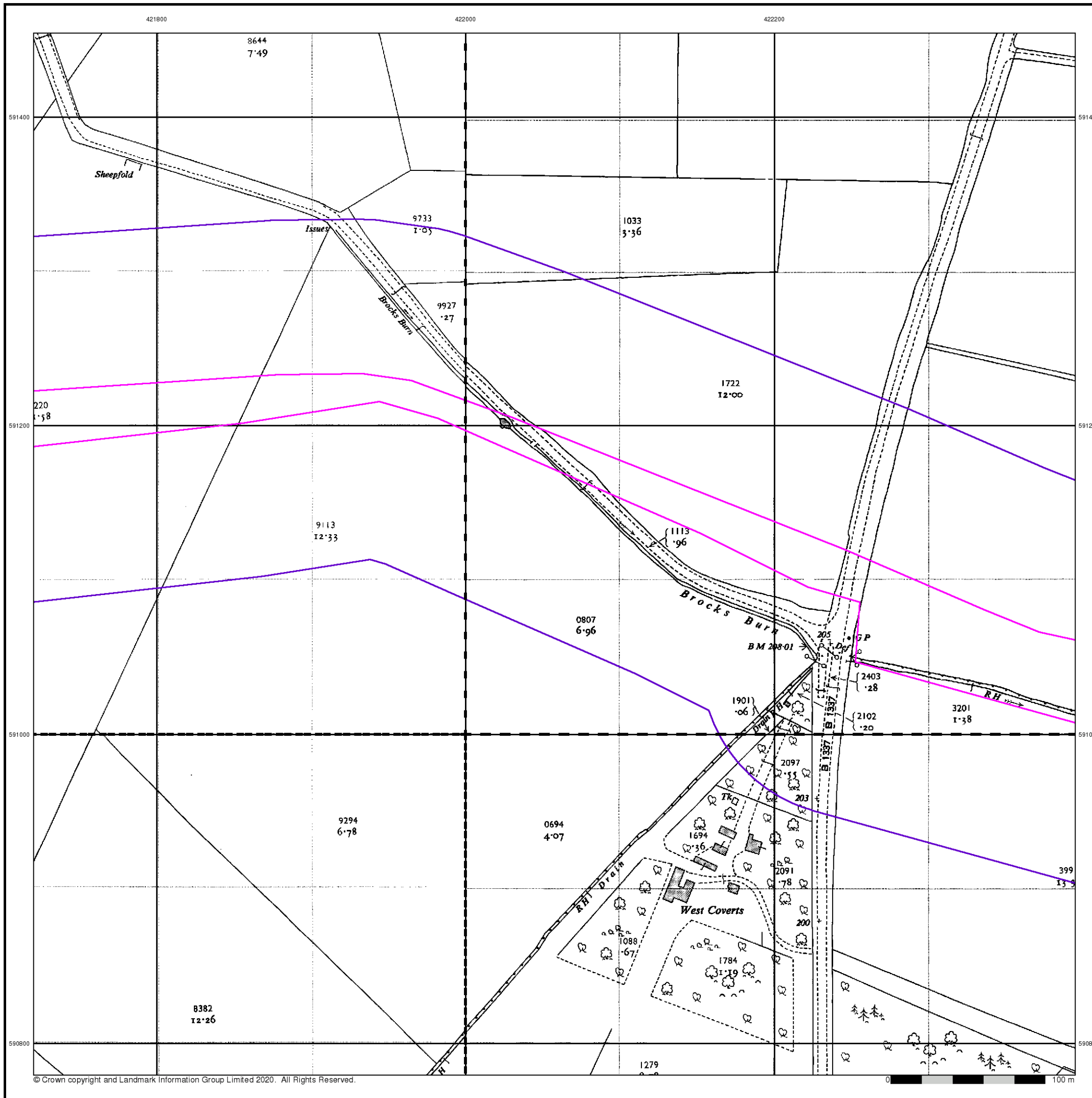


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Additional SIMs

Published 1957 - 1986

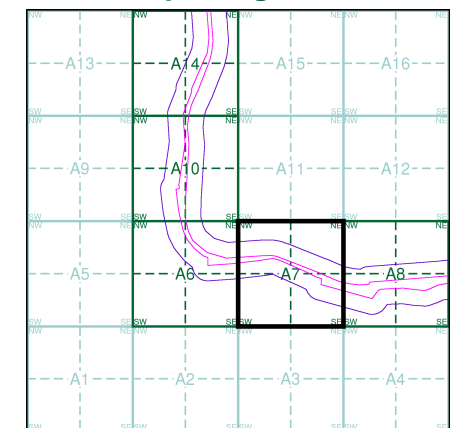
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2191 1985 1:2,500	NZ2291 1957 1:2,500
NZ2190 1986 1:2,500	NZ2290 1957 1:2,500

Historical Map - Segment A7

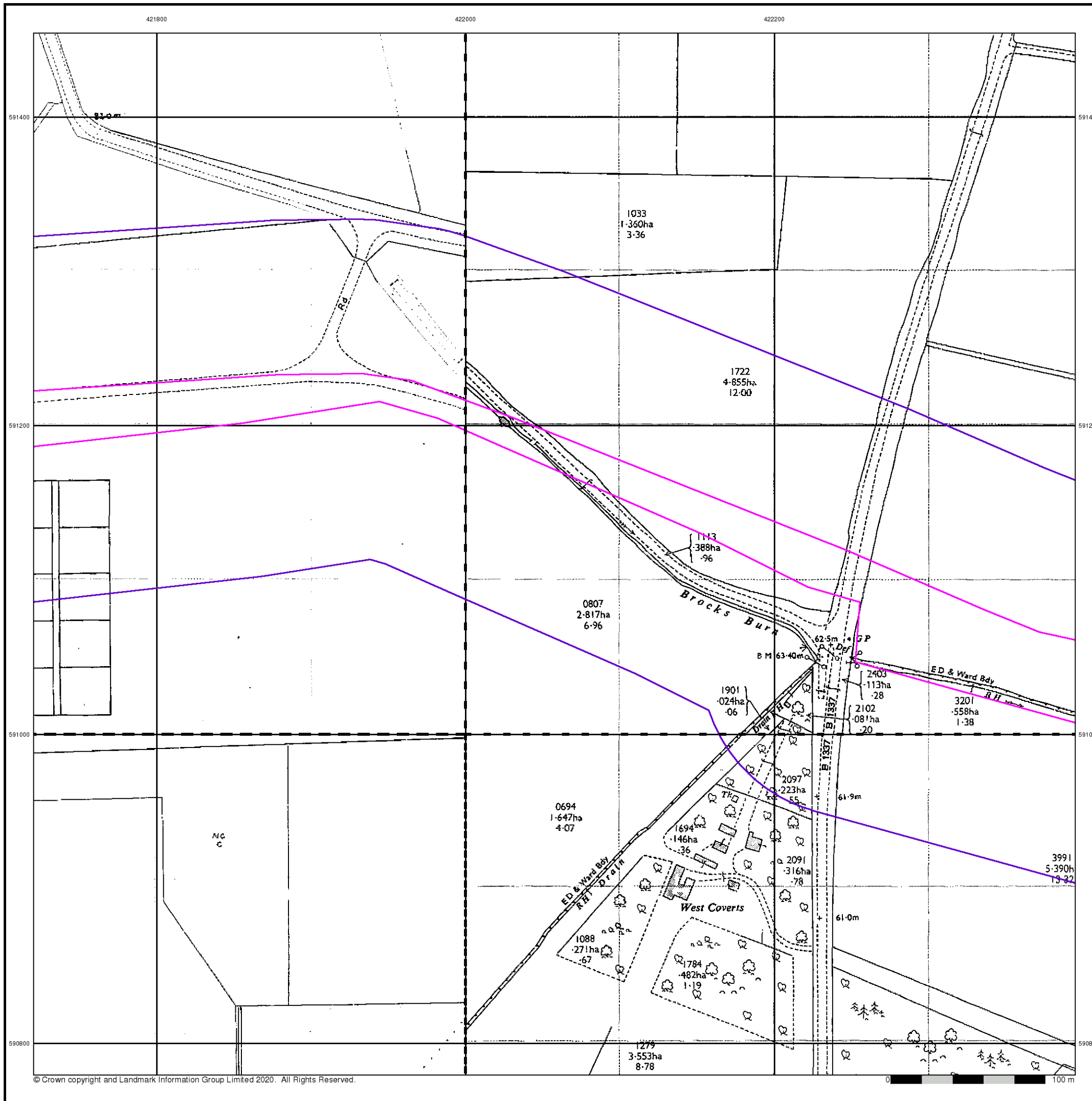


Order Details

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 Customer Ref: 3865
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 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Ordnance Survey Plan

Published 1967

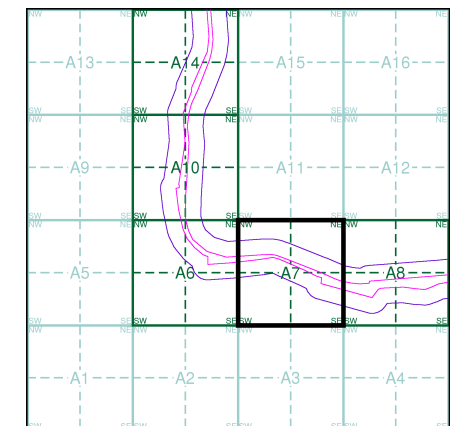
Source map scale - 1:2,500

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)

NZ2191	1967	1:2,500
NZ2190	1967	1:2,500

Historical Map - Segment A7

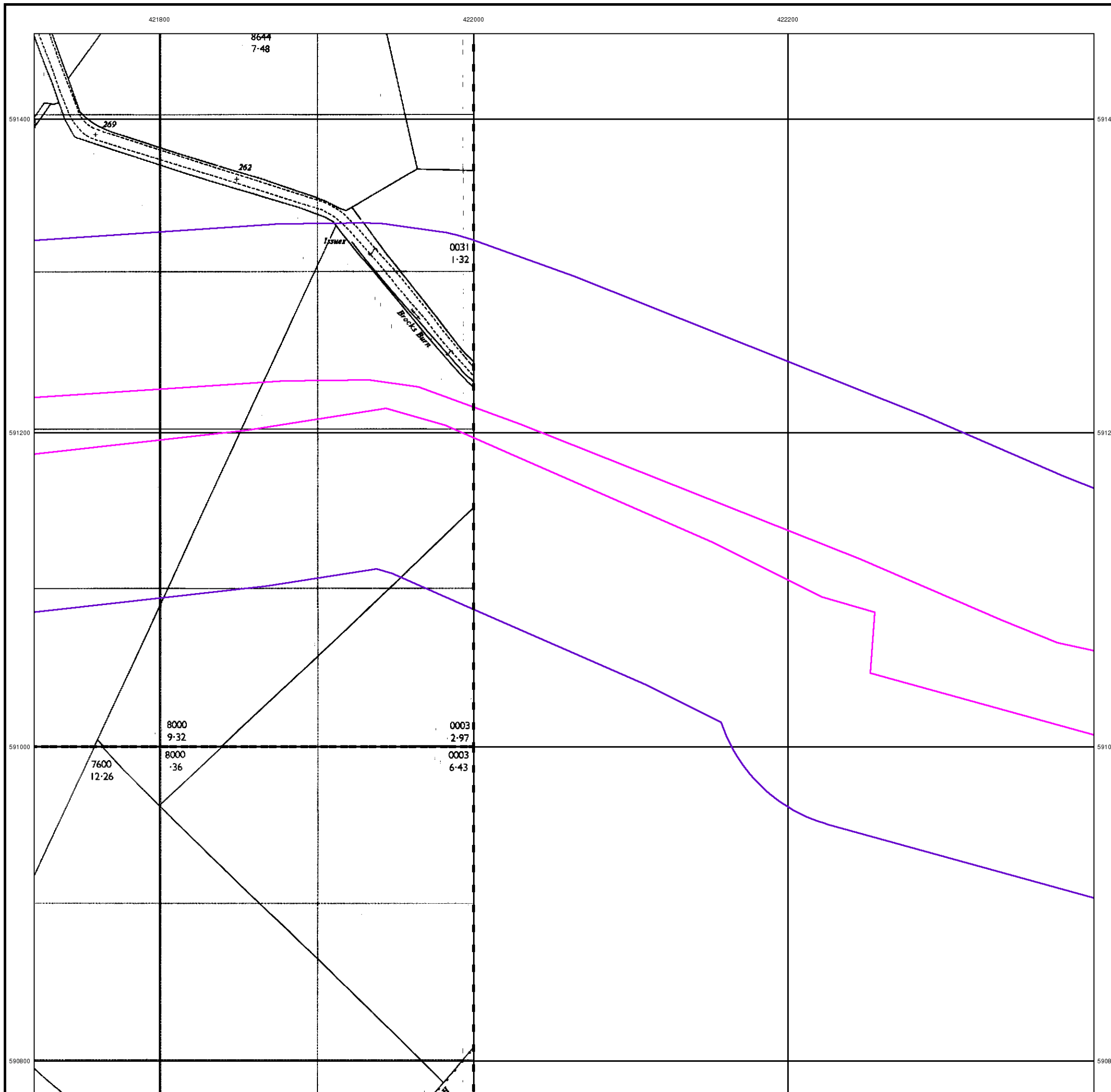


Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 421830, 591520
Slice: A
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road



Additional SIMs

Published 1985 - 1990

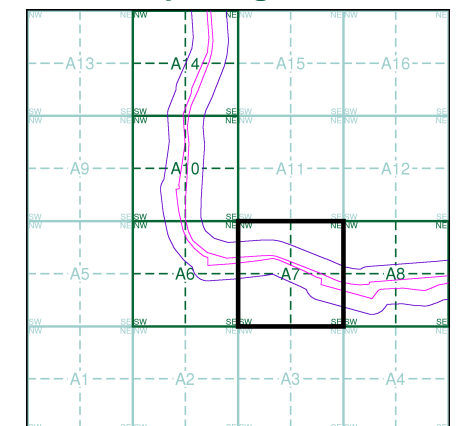
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2191 1990 1:2,500	NZ2291 1985 1:2,500
N	
NZ2290 1985 1:2,500	

Historical Map - Segment A7

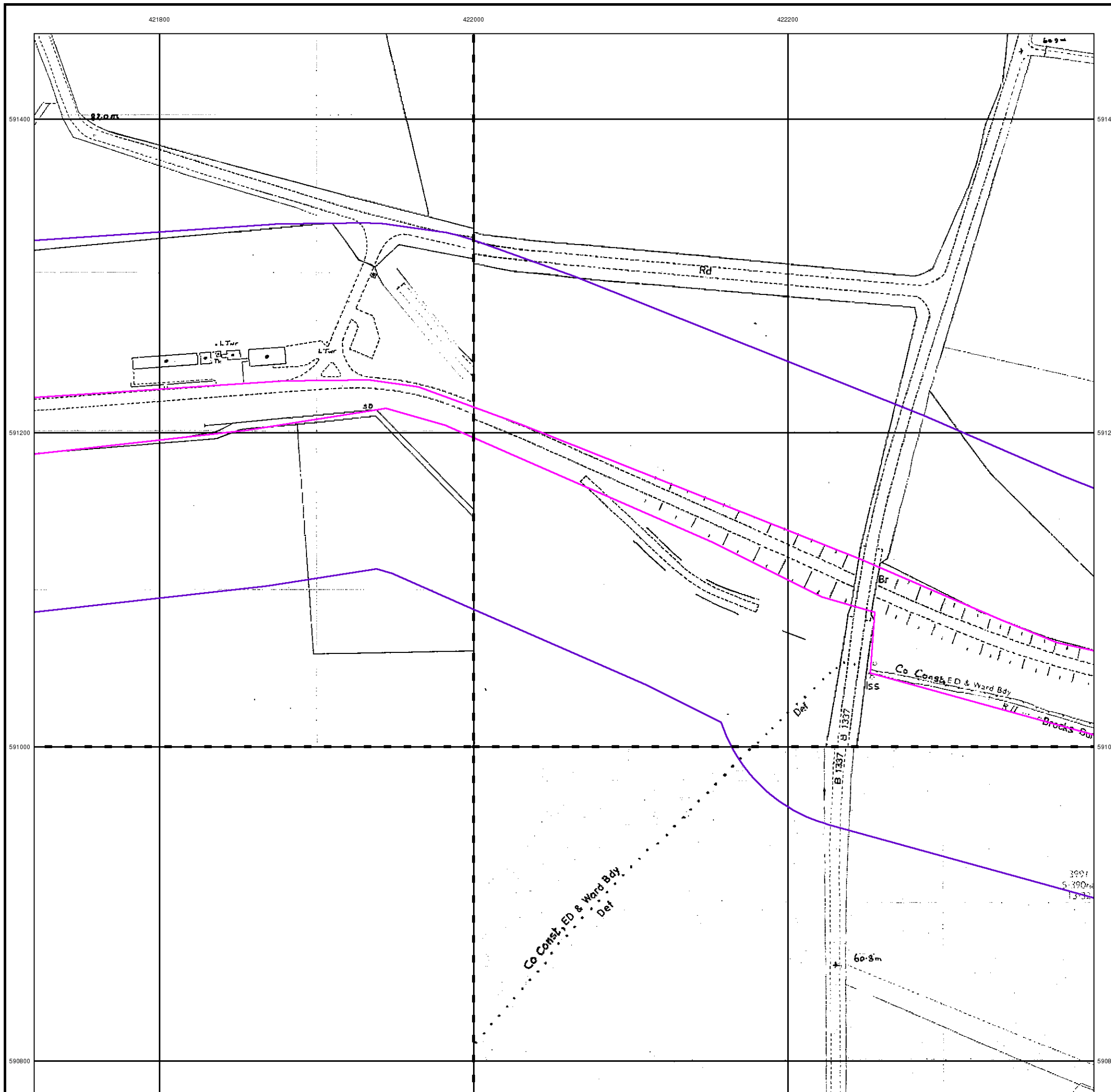


Order Details

Order Number: 264431527_1_1
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 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Additional SIMs

Published 1986 - 1991

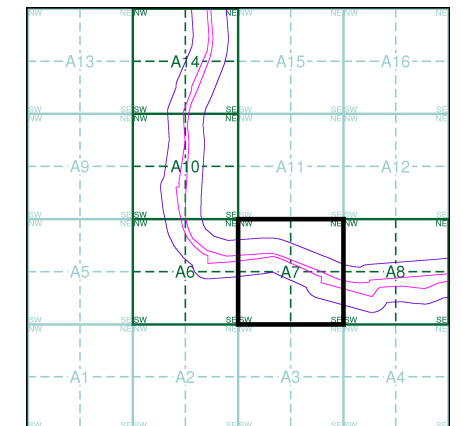
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2291	1991	1:2,500
NZ2290	1986	1:2,500

Historical Map - Segment A7

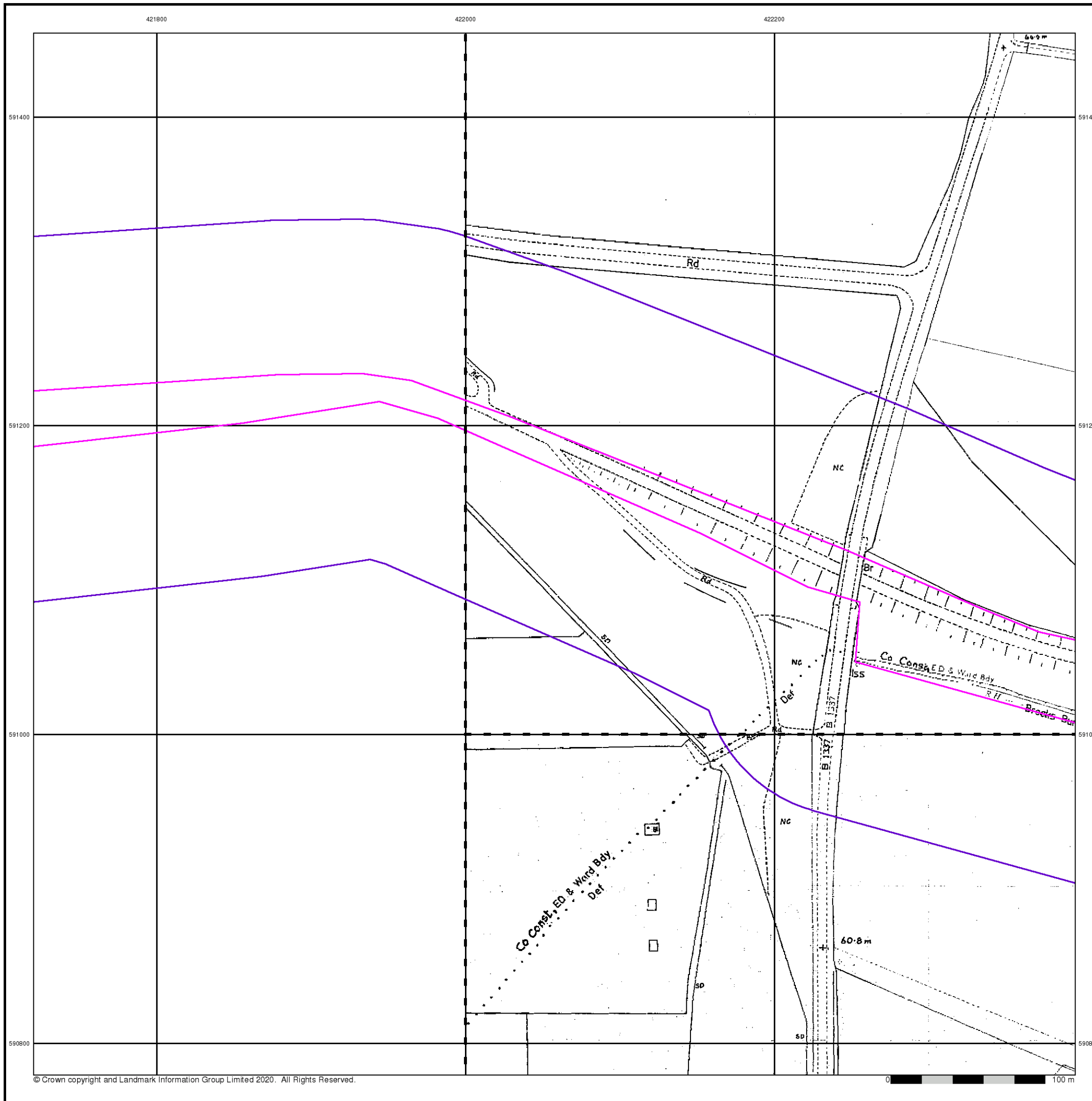


Order Details

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 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



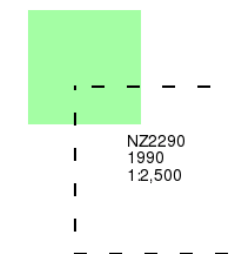
Additional SIMs

Published 1990

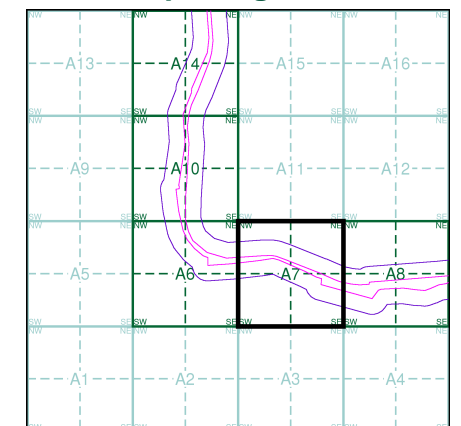
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A7

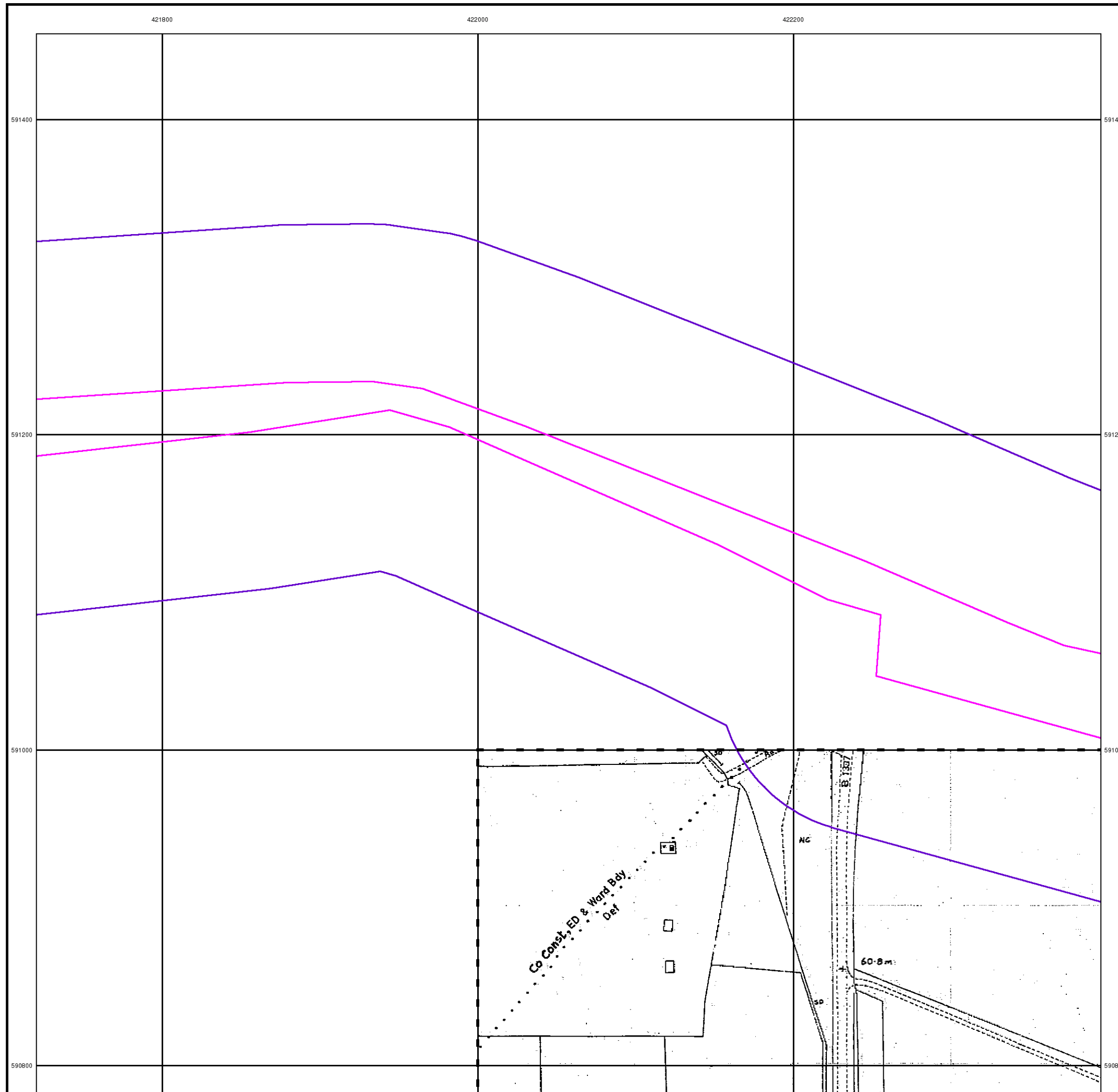


Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 421830, 591520
Slice: A
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road



Large-Scale National Grid Data

Published 1994

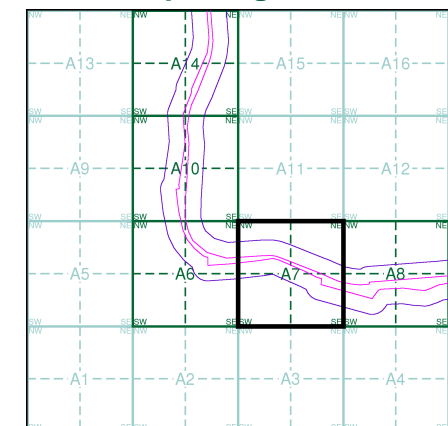
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2191 1994 1:2,500	NZ2291 1994 1:2,500
NZ2190 1994 1:2,500	NZ2290 1994 1:2,500

Historical Map - Segment A7

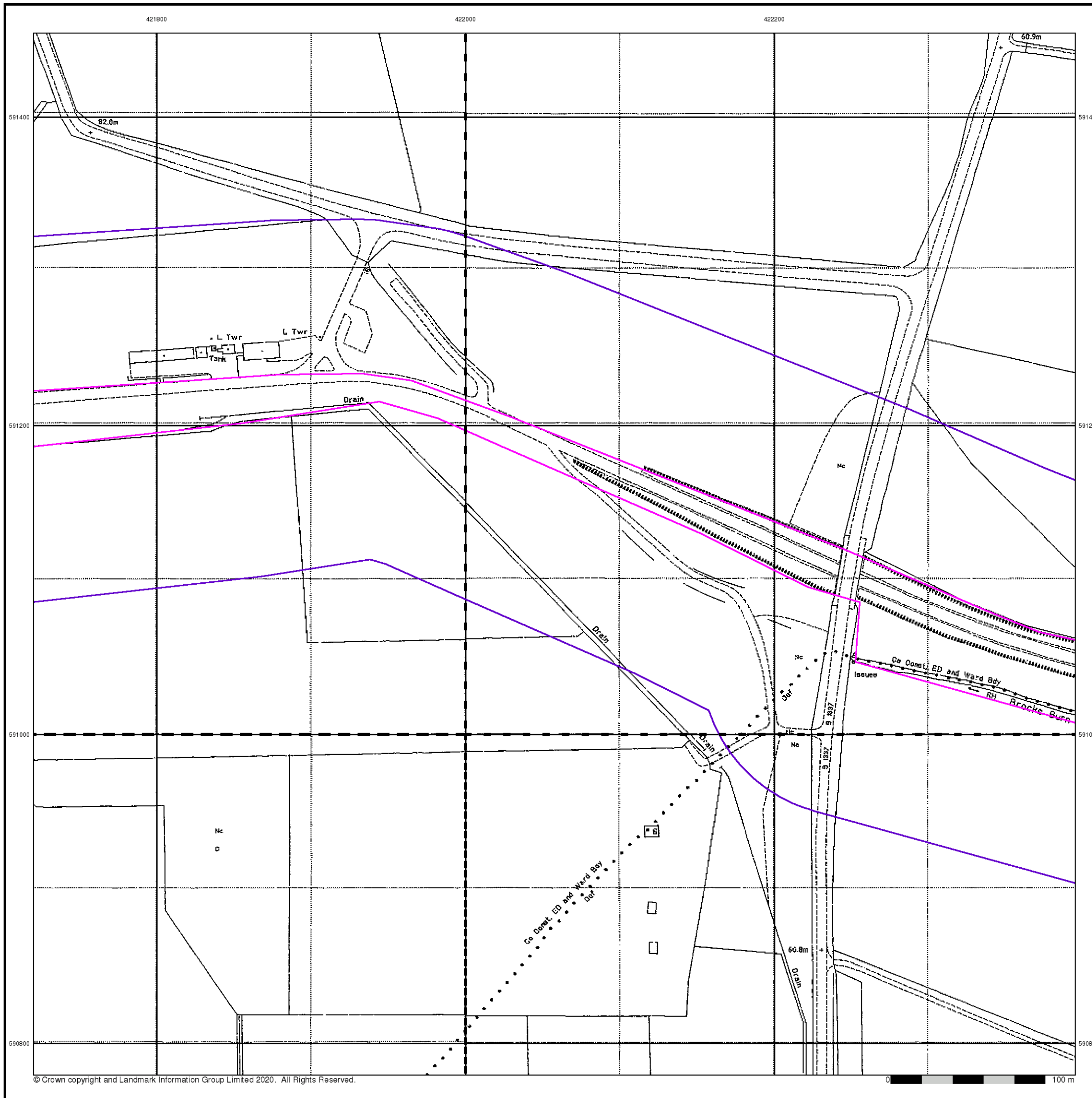


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Historical Mapping Legends

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

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

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

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

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

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

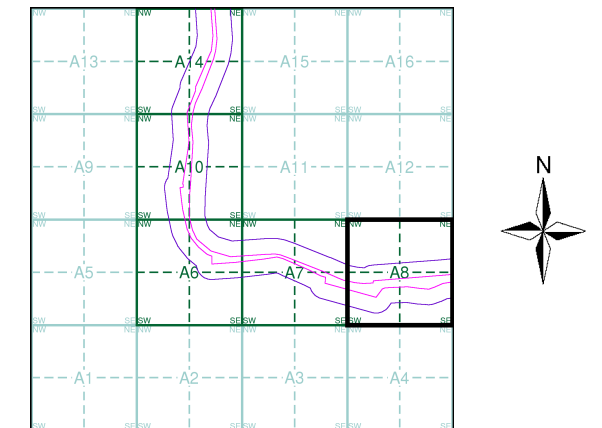
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northumberland	1:2,500	1859 - 1895	2
Northumberland	1:2,500	1895	3
Northumberland	1:2,500	1895	4
Northumberland	1:2,500	1897	5
Northumberland	1:2,500	1923	6
Ordnance Survey Plan	1:2,500	1957	7
Additional SIMs	1:2,500	1957	8
Additional SIMs	1:2,500	1985 - 1990	9
Additional SIMs	1:2,500	1986 - 1991	10
Additional SIMs	1:2,500	1990	11
Large-Scale National Grid Data	1:2,500	1994	12

Historical Map - Segment A8



Order Details

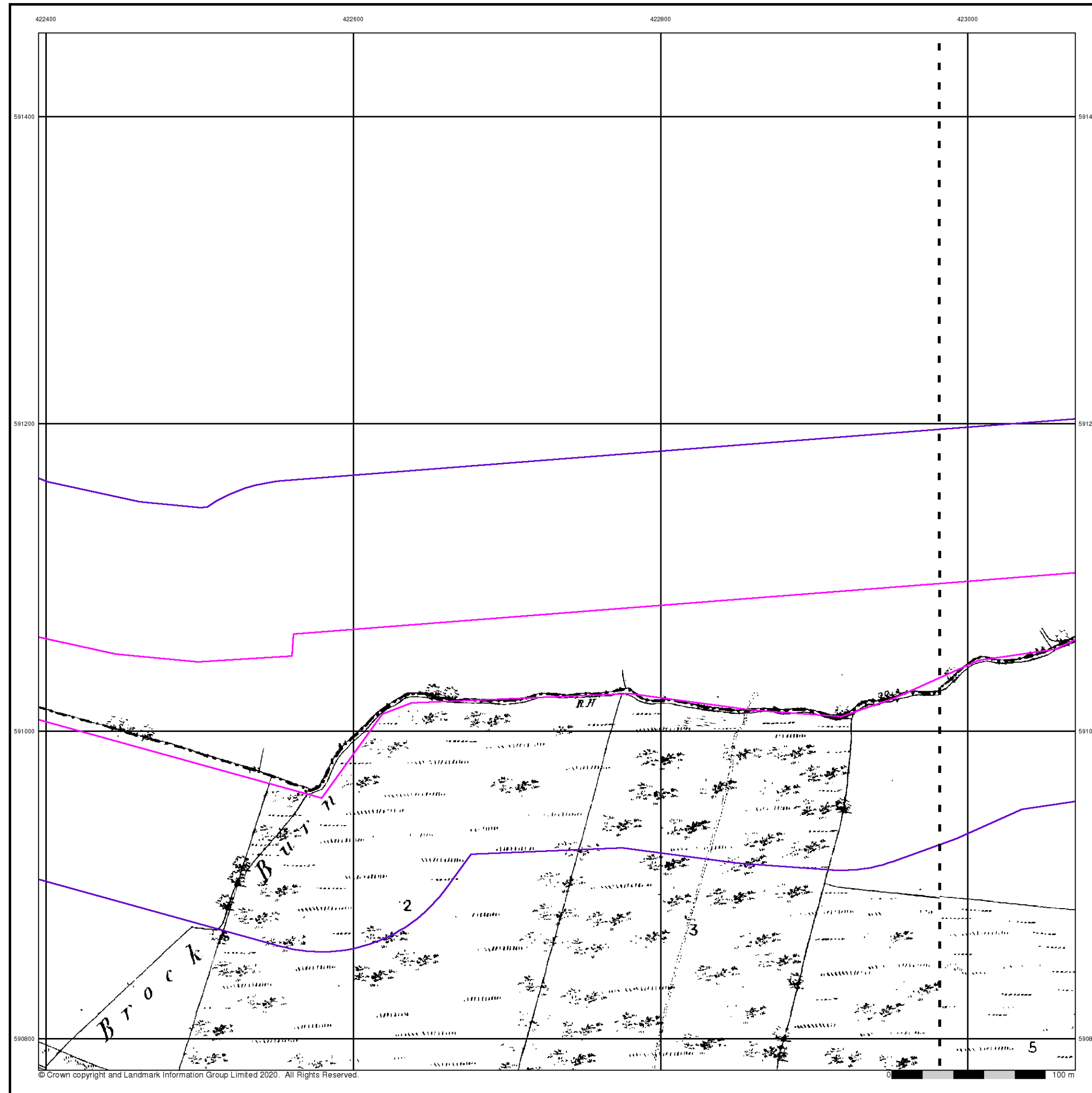
Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road

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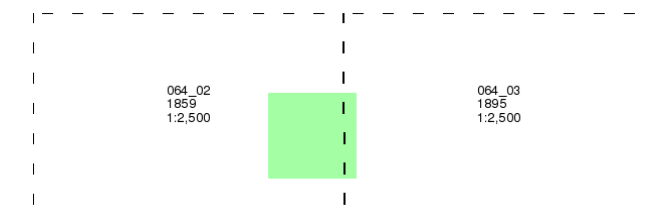
Northumberland

Published 1859 - 1895

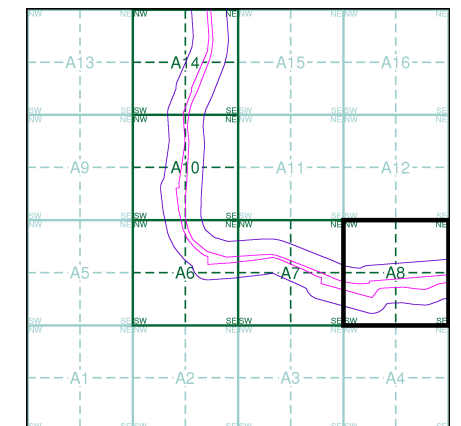
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)



Historical Map - Segment A8

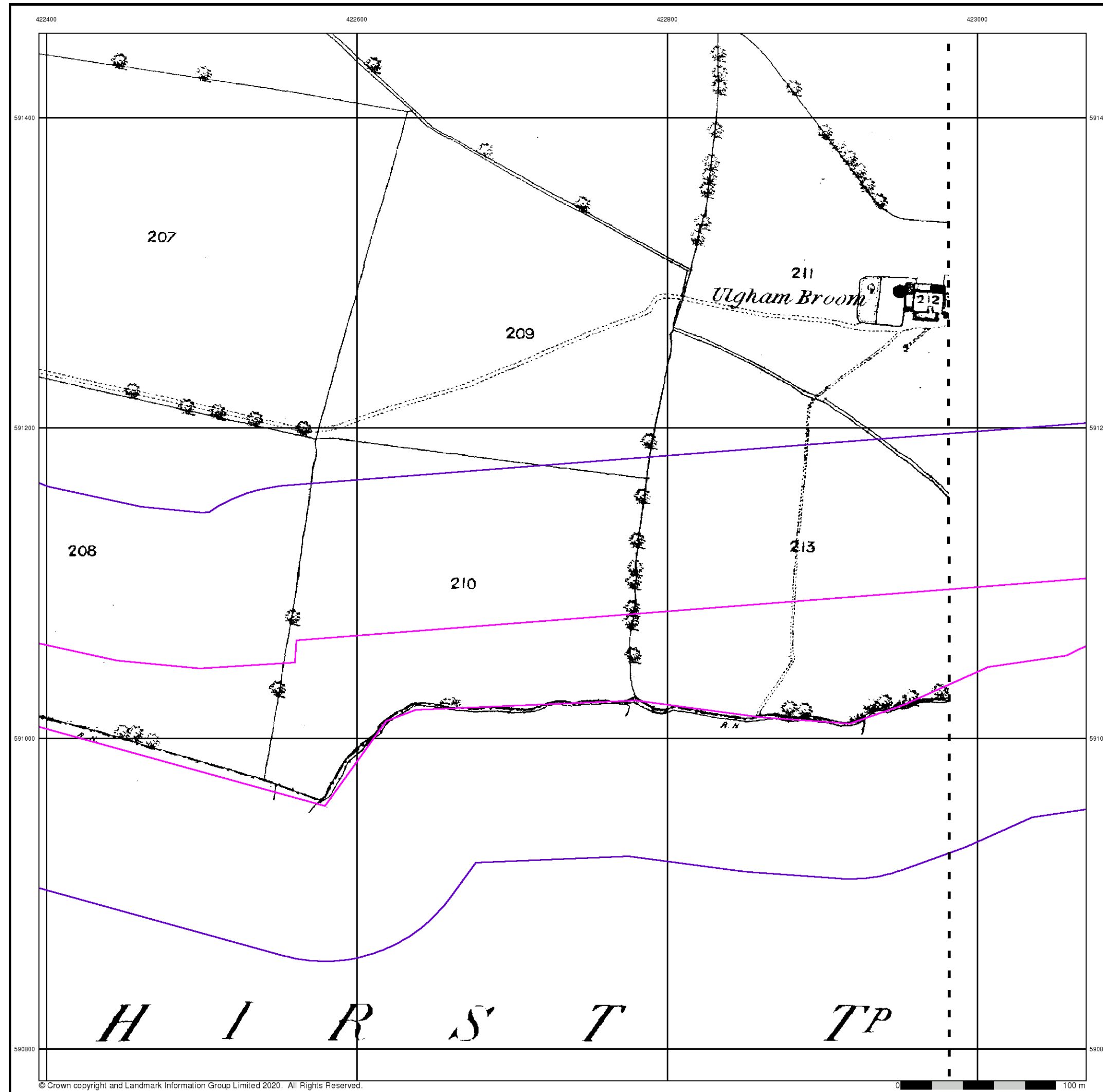


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Site Details

Stobswood Haul Road



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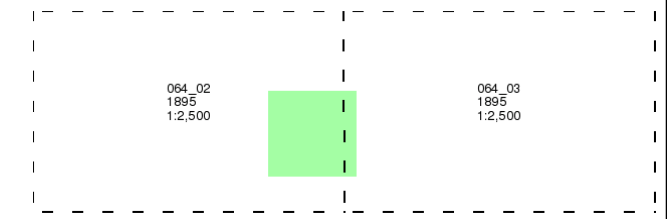
Northumberland

Published 1895

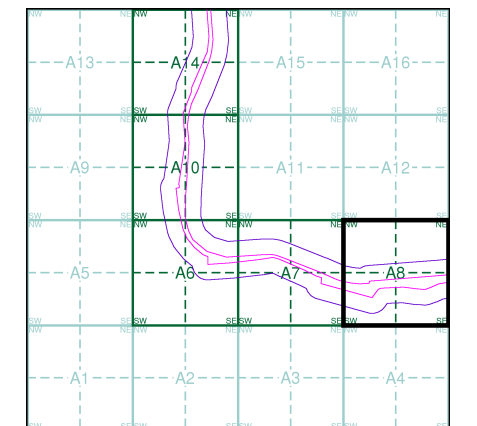
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A8



Order Details

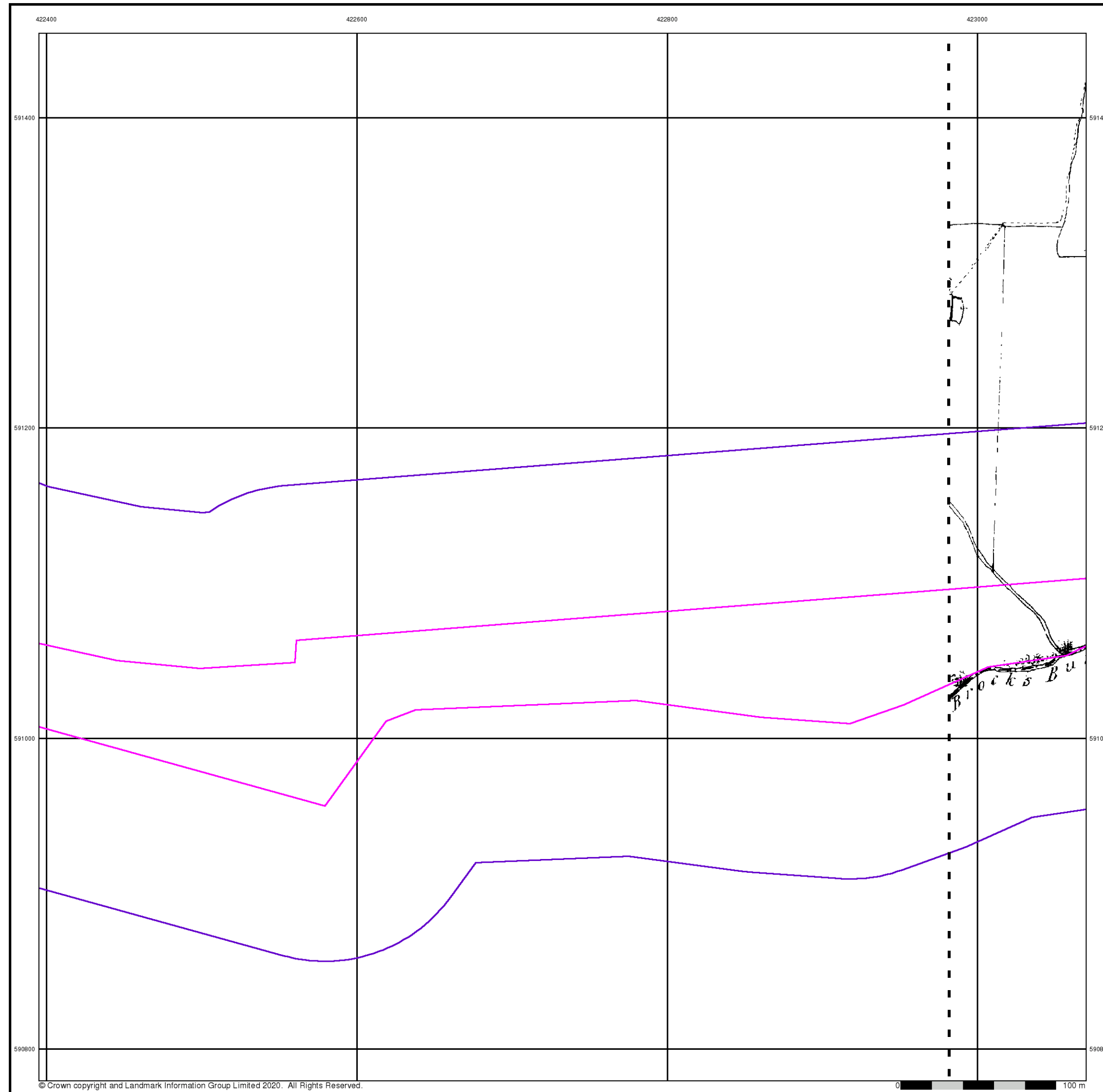
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 Slice: A
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Site Details

Stobswood Haul Road

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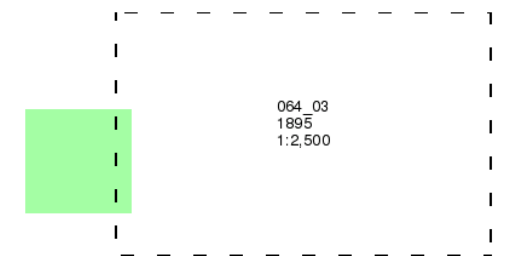
Northumberland

Published 1895

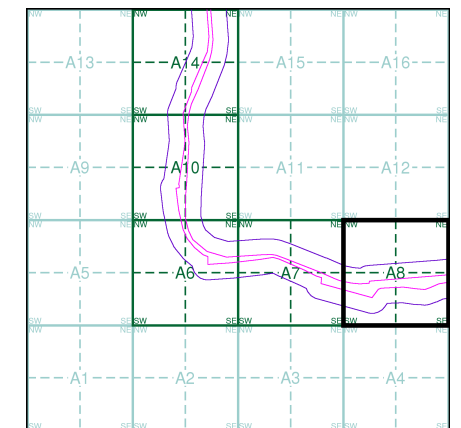
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Map Name(s) and Date(s)



Historical Map - Segment A8

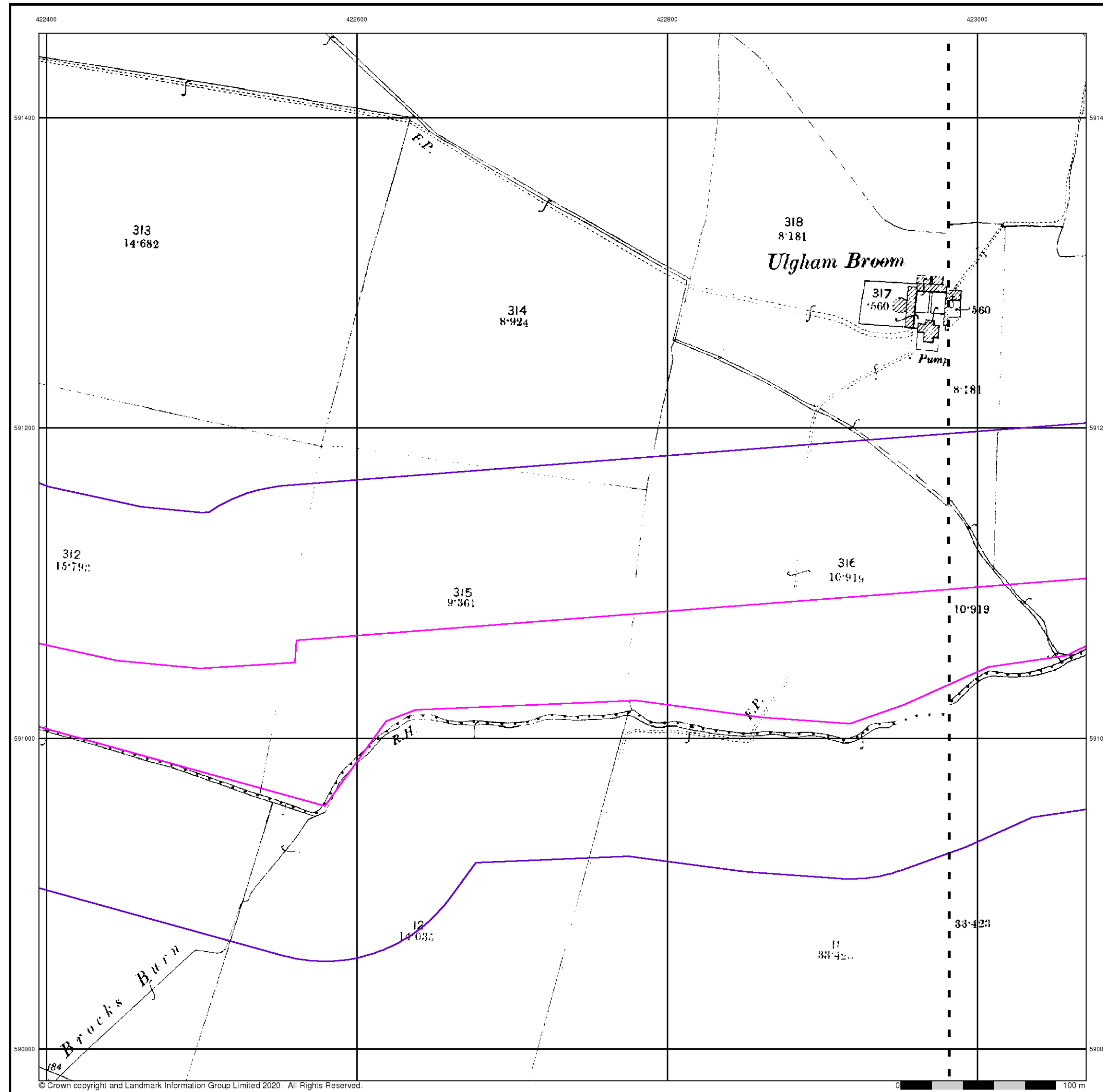


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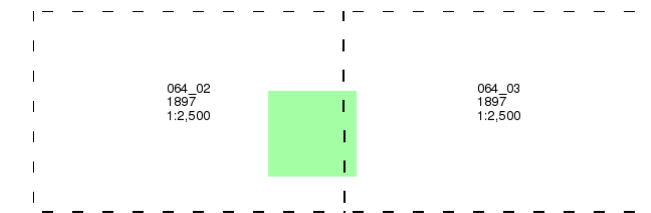
Site Details

Stobswood Haul Road

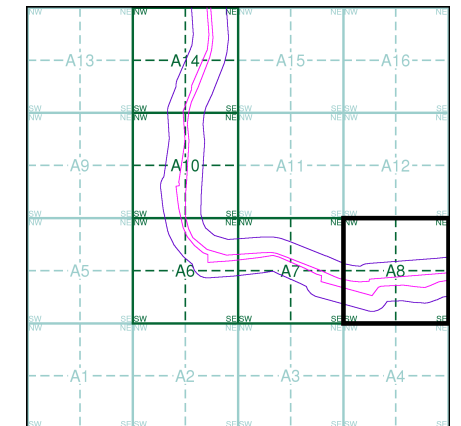


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

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Site Details

Stobswood Haul Road

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422800

423000

591400

591400

591200

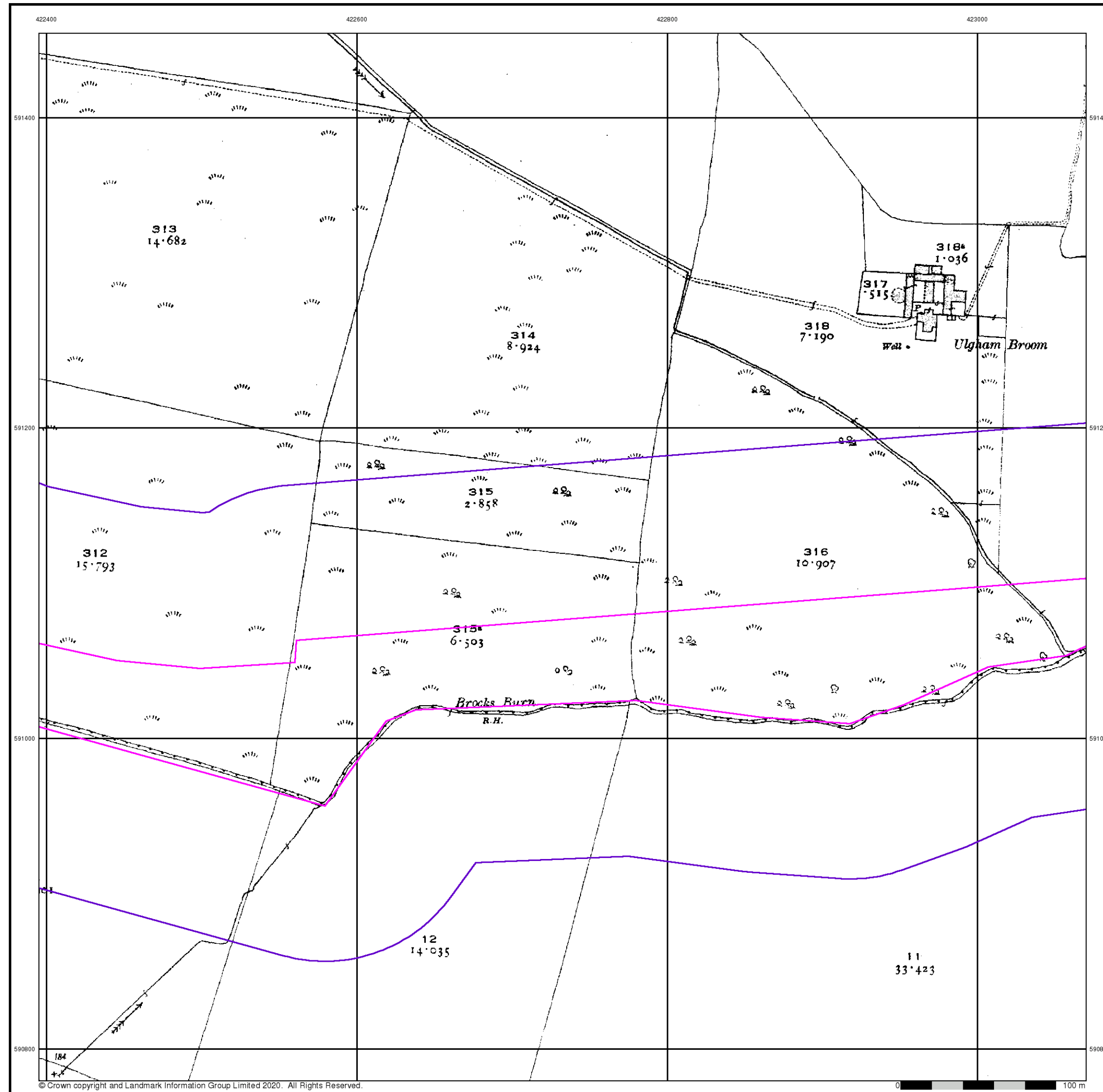
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590800



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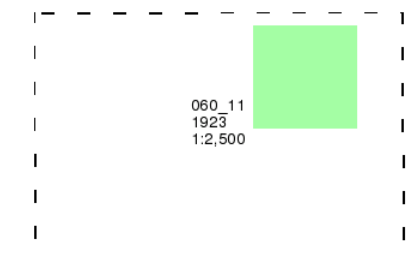
Northumberland

Published 1923

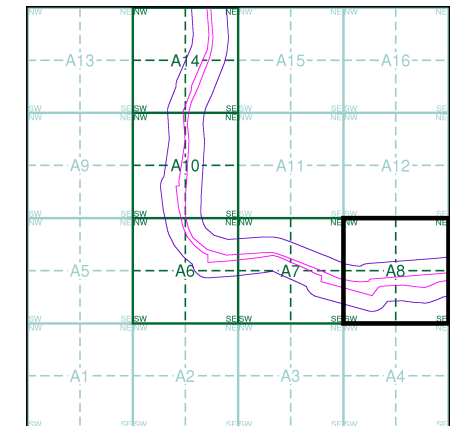
Source map scale - 1:2,500

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Historical Map - Segment A8



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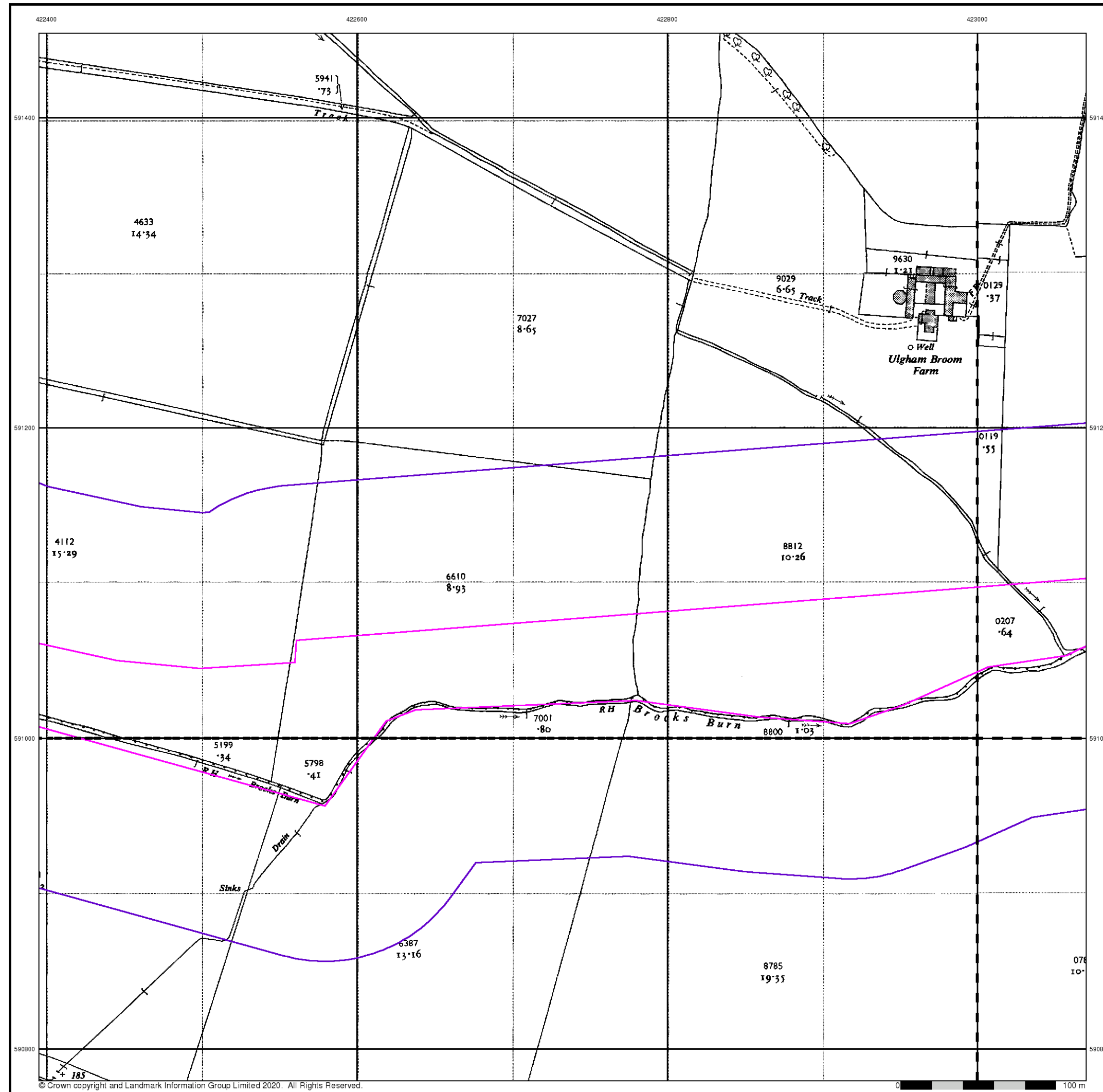
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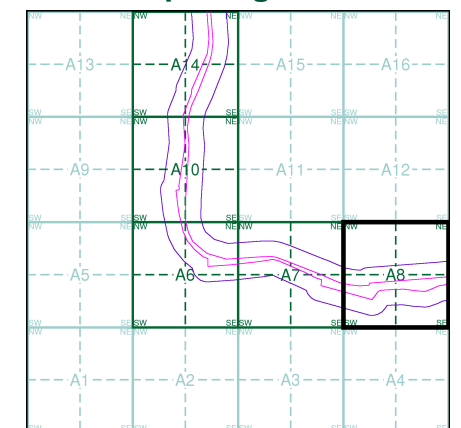
Ordnance Survey Plan Published 1957 Source map scale - 1:2,500

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)

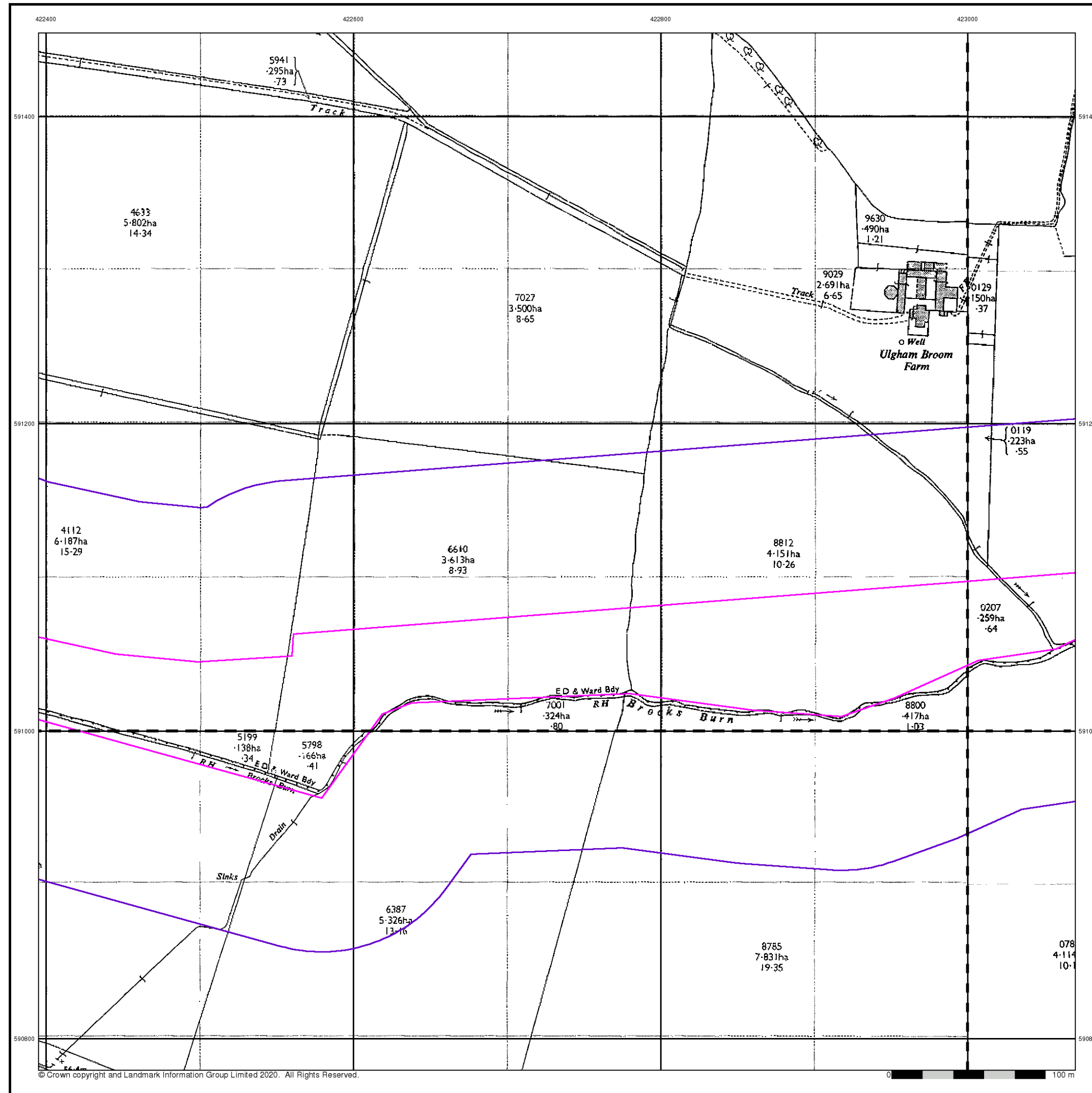
N22291 1957 1:2,500	N22391 1957 1:2,500
N22290 1957 1:2,500	N22390 1957 1:2,500

Historical Map - Segment A8



Order Details
 Order Number: 264431527_1_1
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Site Details
 Stobswood Haul Road



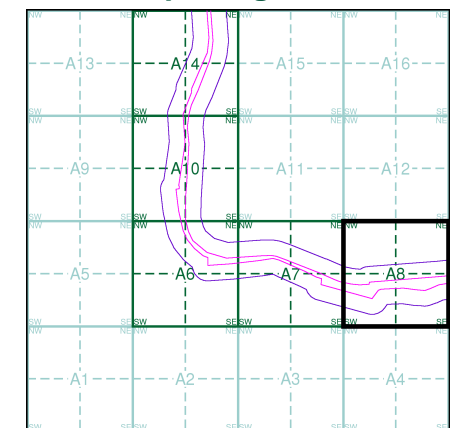
Additional SIMs
Published 1957
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

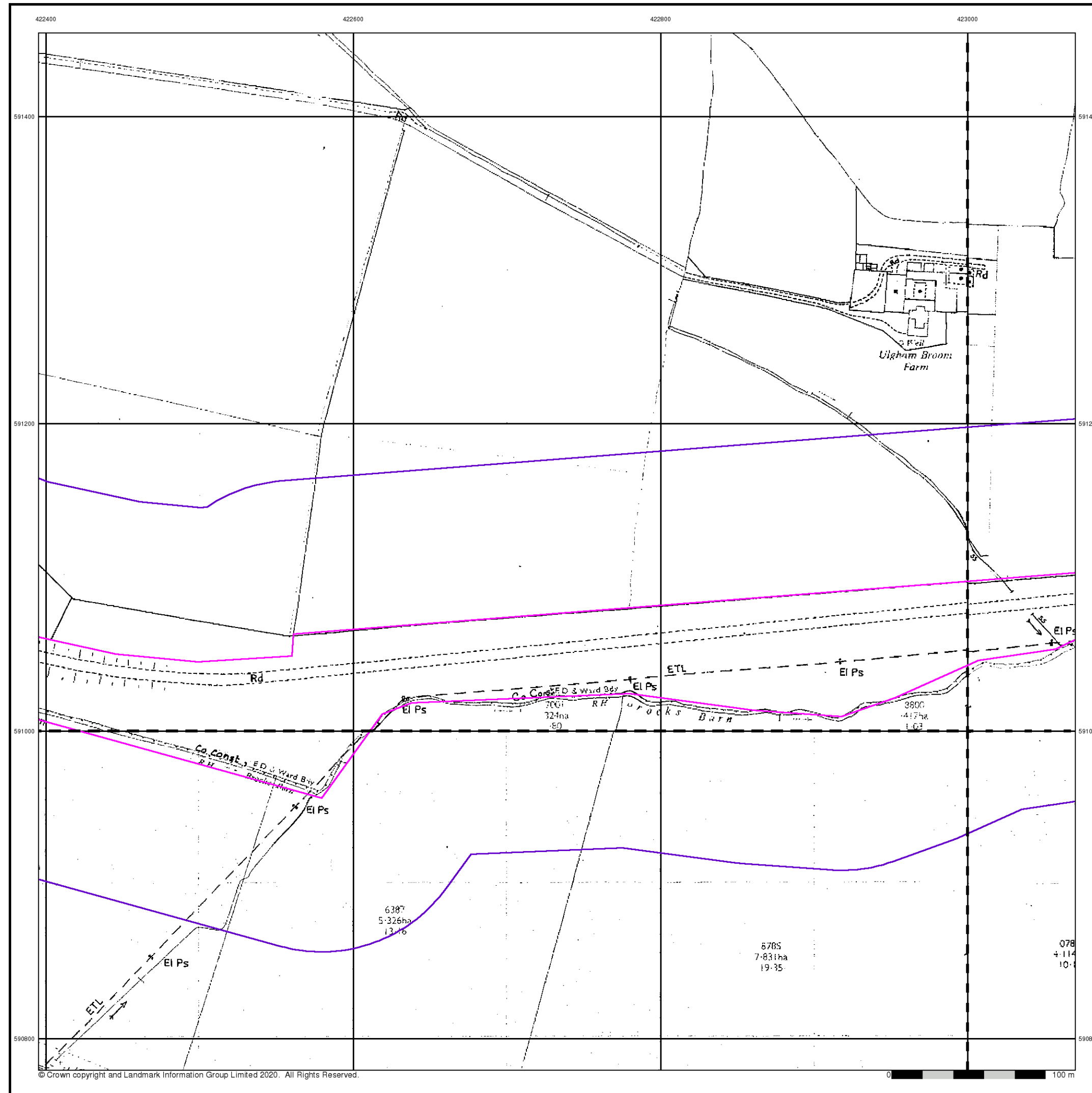
NZ2291 1957 1:2,500	NZ2391 1957 1:2,500
NZ2290 1957 1:2,500	NZ2390 1957 1:2,500

Historical Map - Segment A8



Order Details
 Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details
 Stobswood Haul Road



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Additional SIMs

Published 1985 - 1990

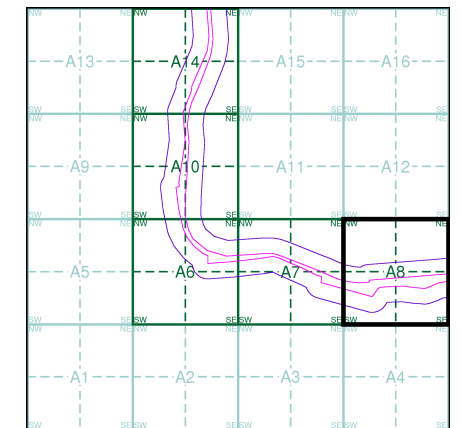
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2291 1985 1:2,500	NZ2391 1985 1:2,500
NZ2290 1985 1:2,500	NZ2390 1990 1:2,500

Historical Map - Segment A8



Order Details

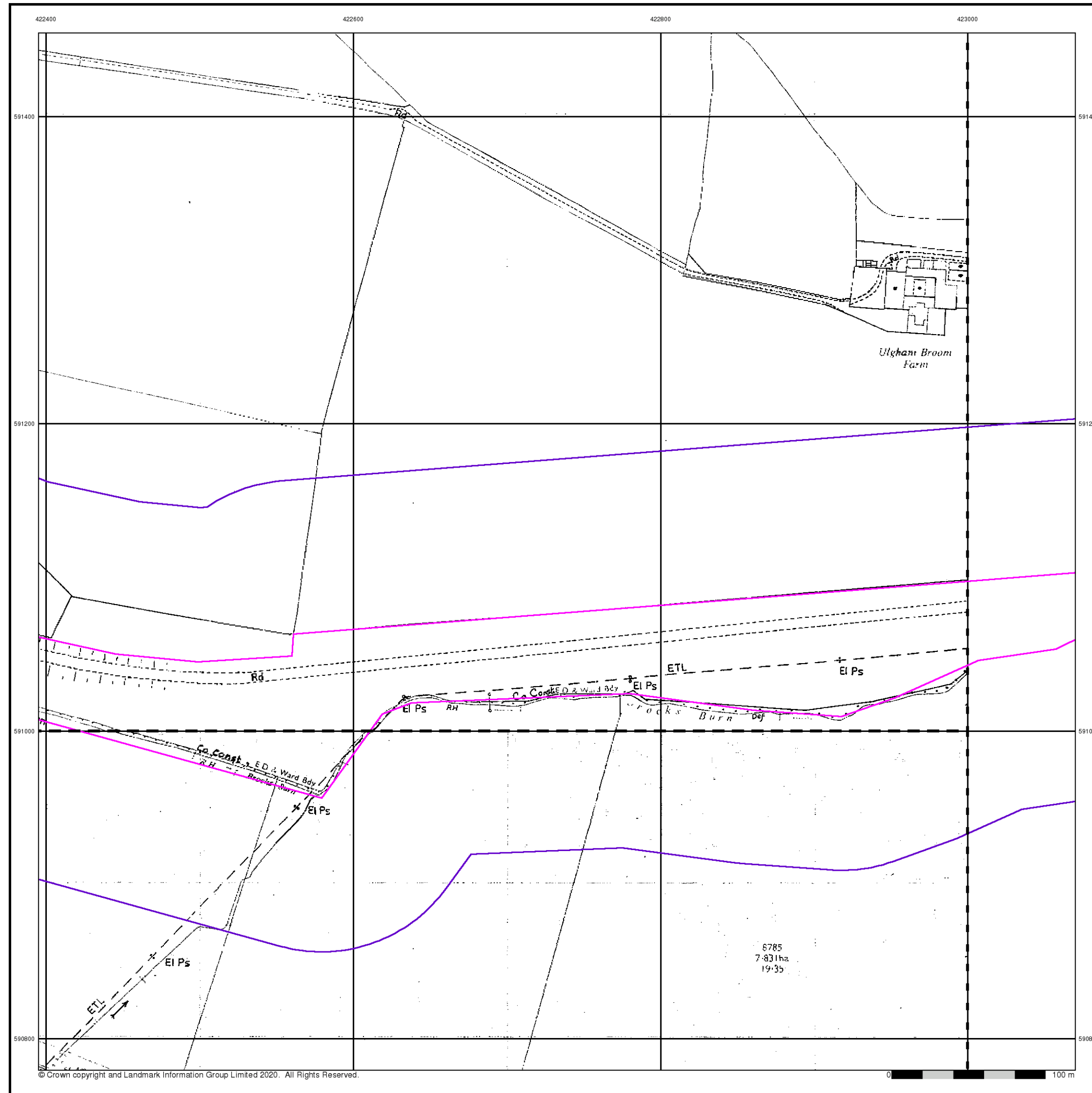
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Site Details

Stobswood Haul Road

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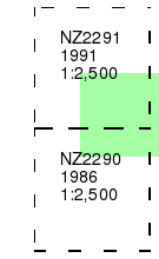
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



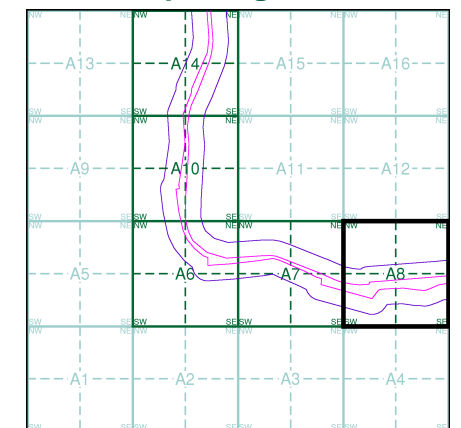
Additional SIMs Published 1986 - 1991 Source map scale - 1:2,500

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

Map Name(s) and Date(s)

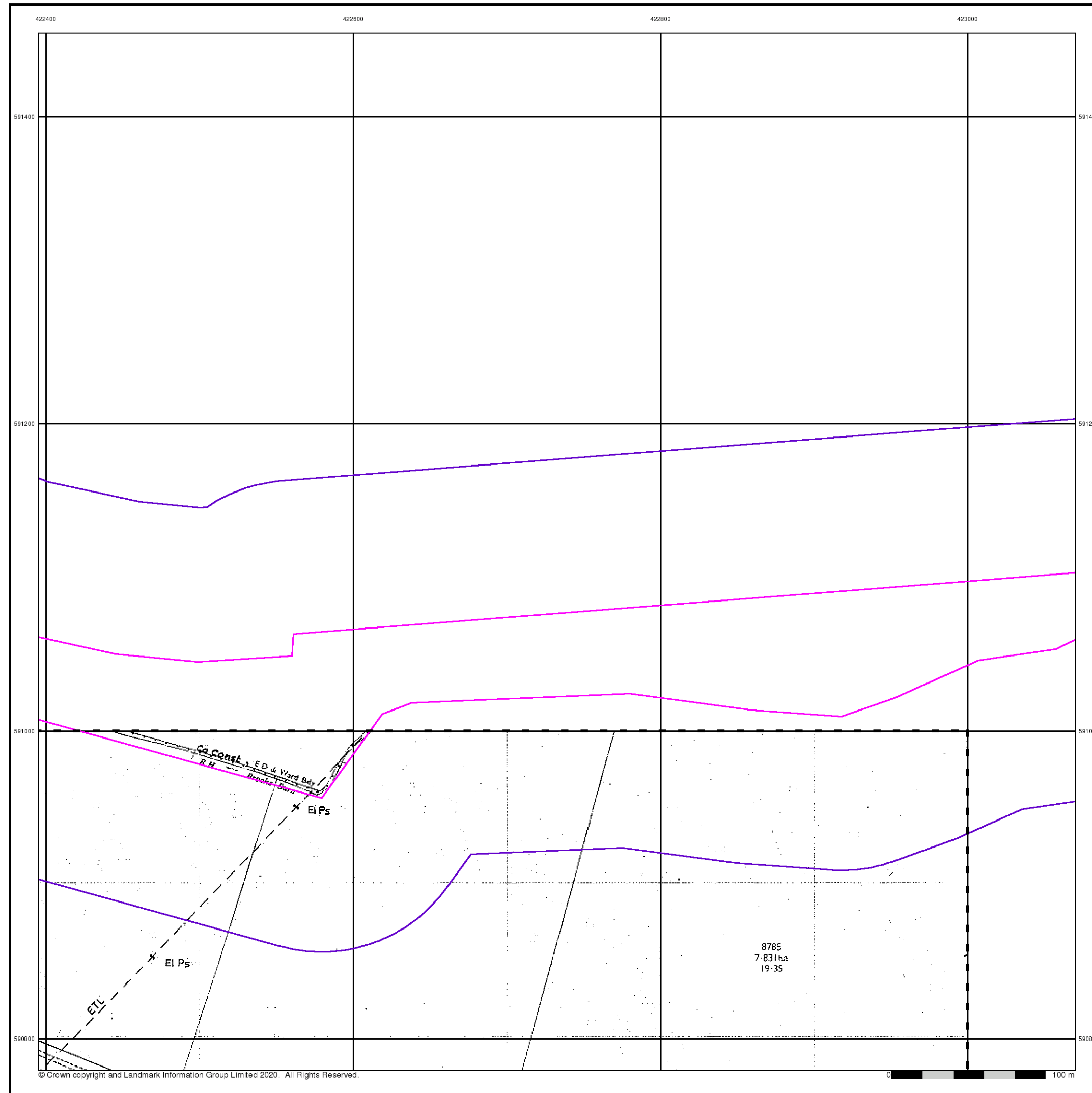


Historical Map - Segment A8



Order Details
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Site Details
 Stobswood Haul Road



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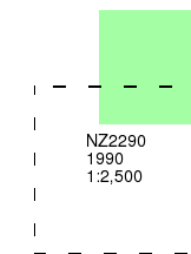
Additional SIMs

Published 1990

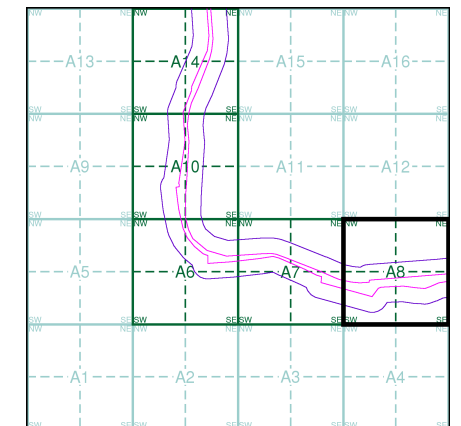
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A8

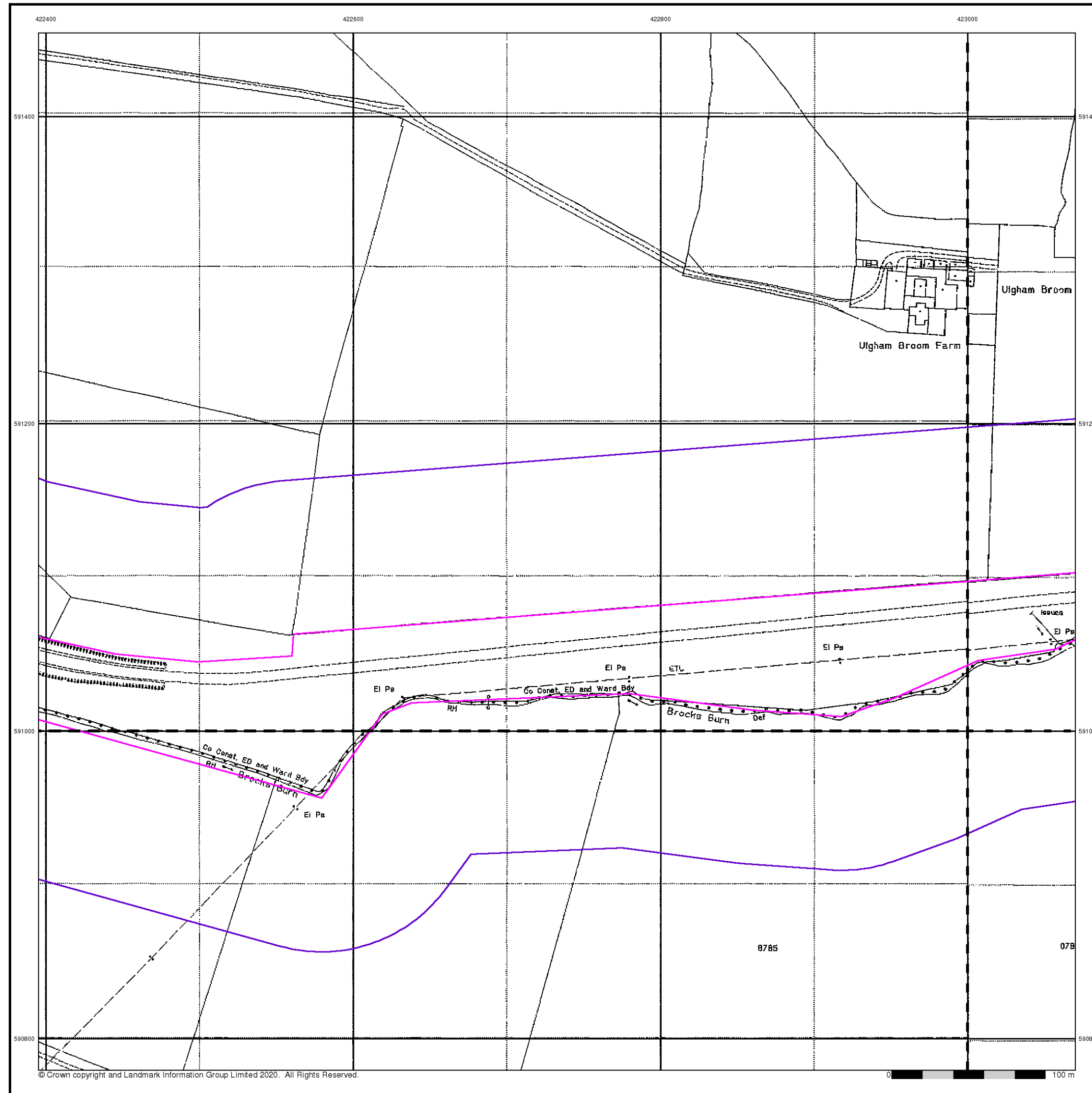


Order Details

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 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



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Large-Scale National Grid Data

Published 1994

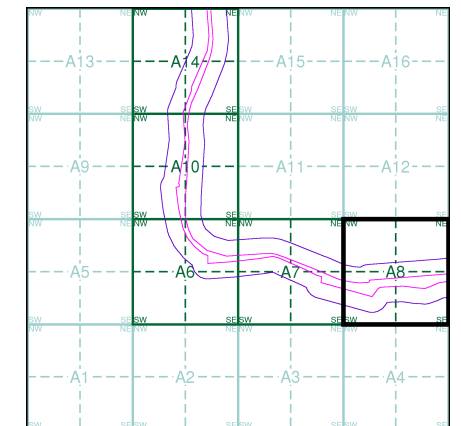
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2291 1994 1:2,500	NZ2391 1994 1:2,500
NZ2290 1994 1:2,500	NZ2390 1994 1:2,500

Historical Map - Segment A8



Order Details

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Site Details

Stobswood Haul Road

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422400

422600

422800

423000

591400

591400

591200

591200

591000

591000

590800

590800

Historical Mapping Legends

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

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

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

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

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

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

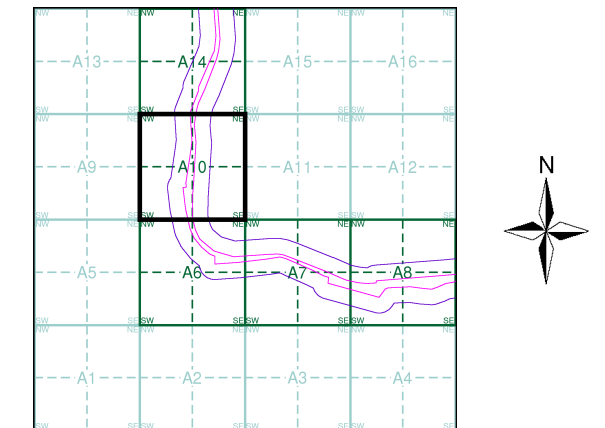
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northumberland	1:2,500	1859 - 1895	2
Northumberland	1:2,500	1895	3
Northumberland	1:2,500	1897	4
Northumberland	1:2,500	1923	5
Ordnance Survey Plan	1:2,500	1957	6
Ordnance Survey Plan	1:2,500	1967	7
Additional SIMs	1:2,500	1985 - 1990	8
Additional SIMs	1:2,500	1990	9
Large-Scale National Grid Data	1:2,500	1994	10

Historical Map - Segment A10



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road

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Northumberland

Published 1859 - 1895

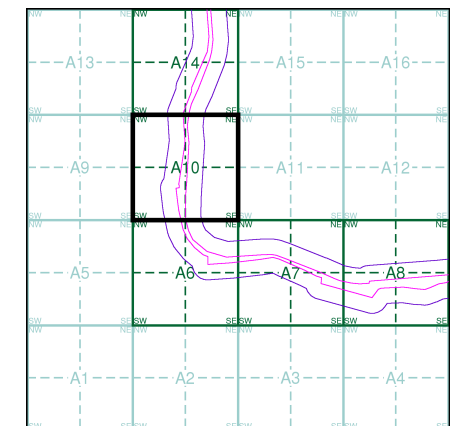
Source map scale - 1:2,500

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)

055_14 1895 1:2,500
064_02 1859 1:2,500

Historical Map - Segment A10

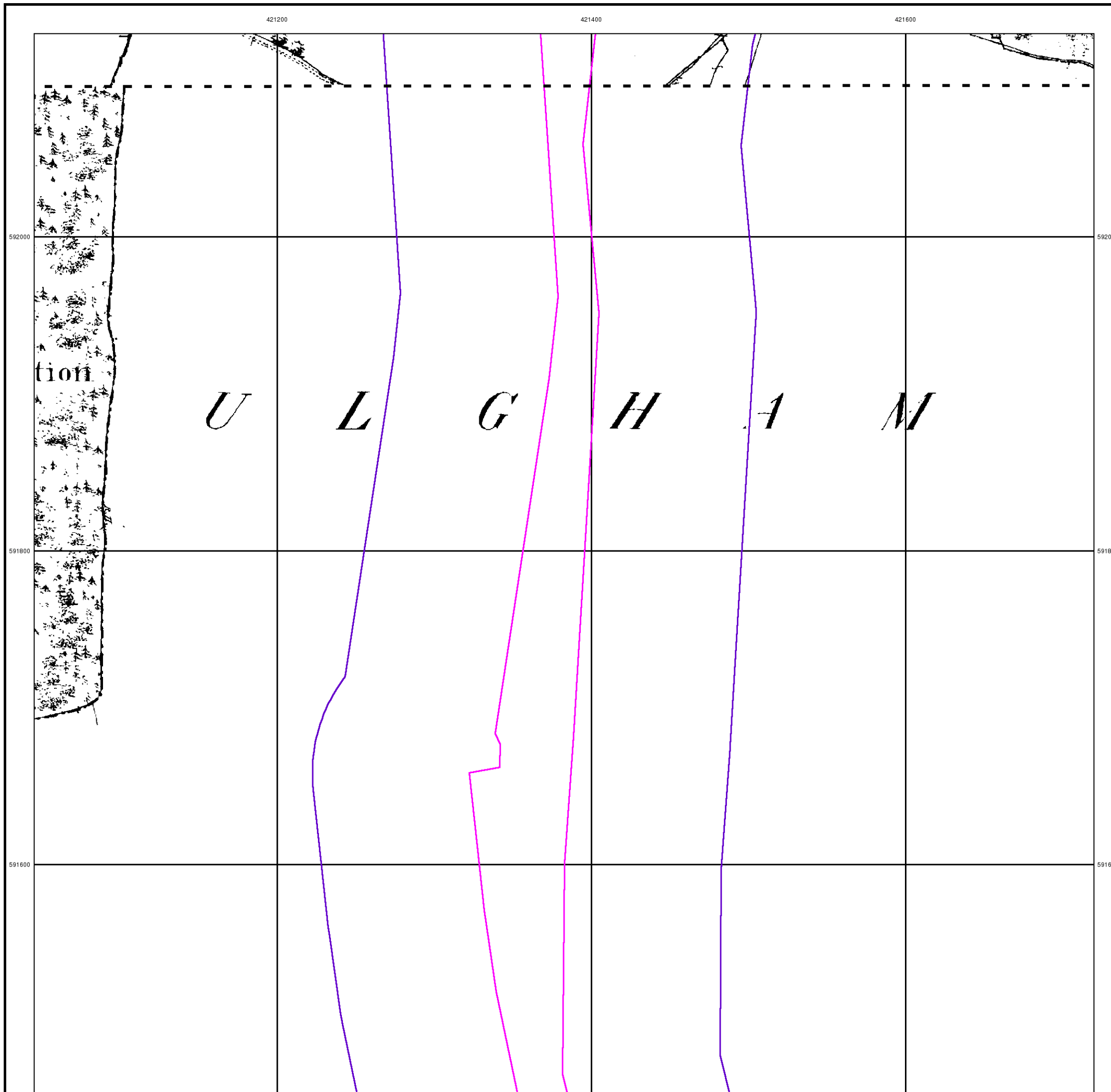


Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
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Slice: A
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road



Northumberland

Published 1895

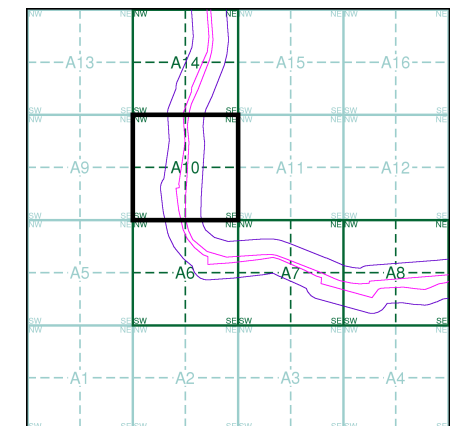
Source map scale - 1:2,500

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)

055_14
1895
1:2,500
064_02
1895
1:2,500

Historical Map - Segment A10



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Northumberland

Published 1897

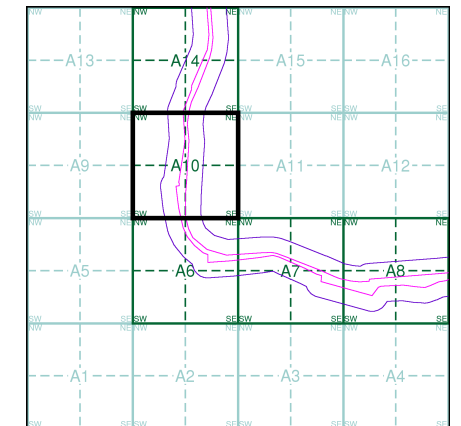
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

055_14 1897 1:2,500
064_02 1897 1:2,500

Historical Map - Segment A10

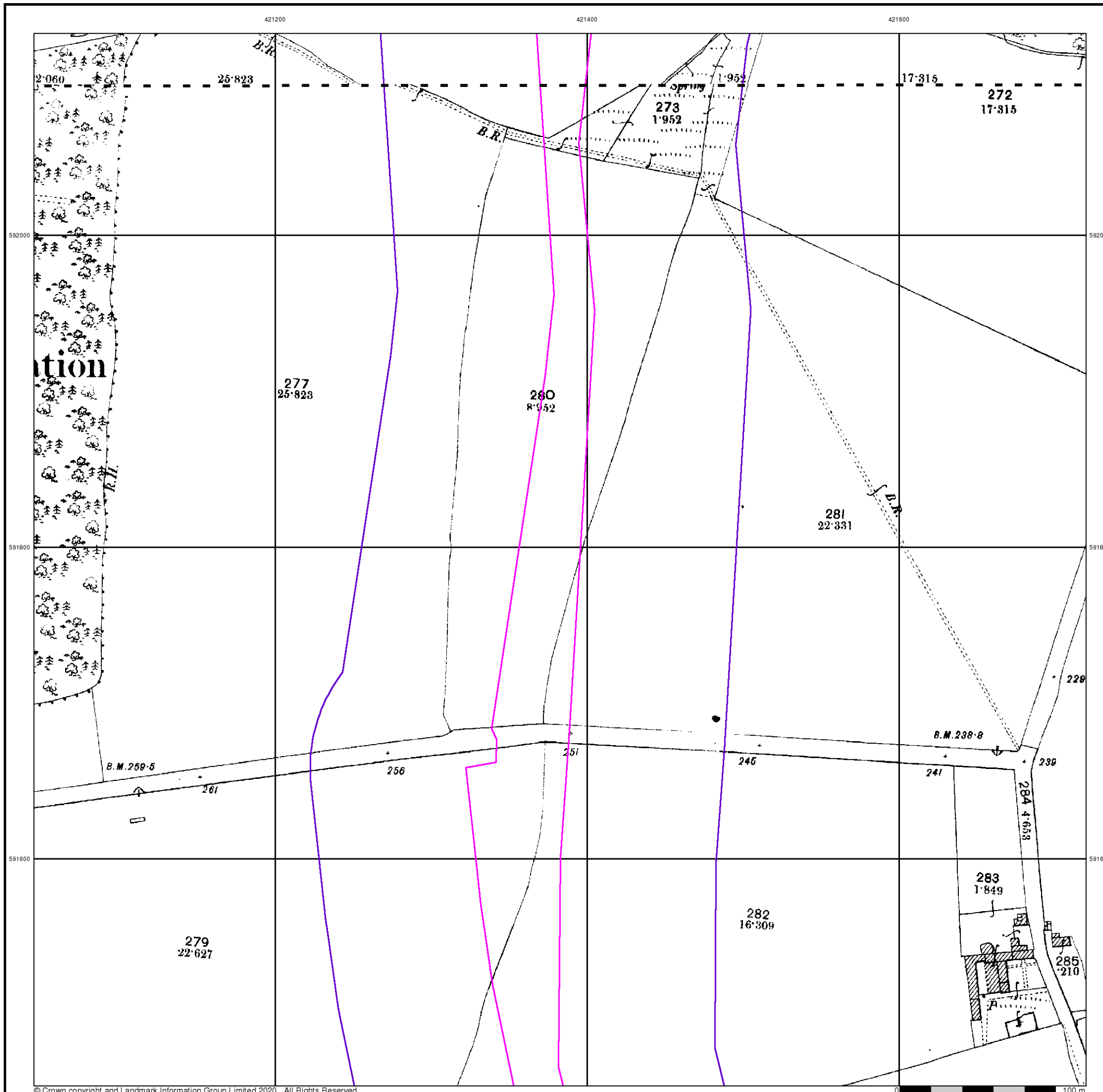


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Site Details

Stobswood Haul Road



Ordnance Survey Plan

Published 1957

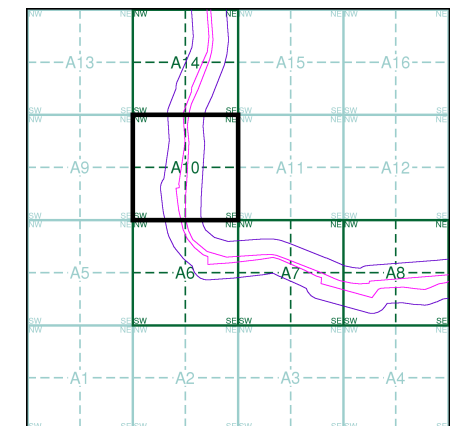
Source map scale - 1:2,500

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)

NZ2192 1957 1:2,500
NZ2191 1957 1:2,500

Historical Map - Segment A10

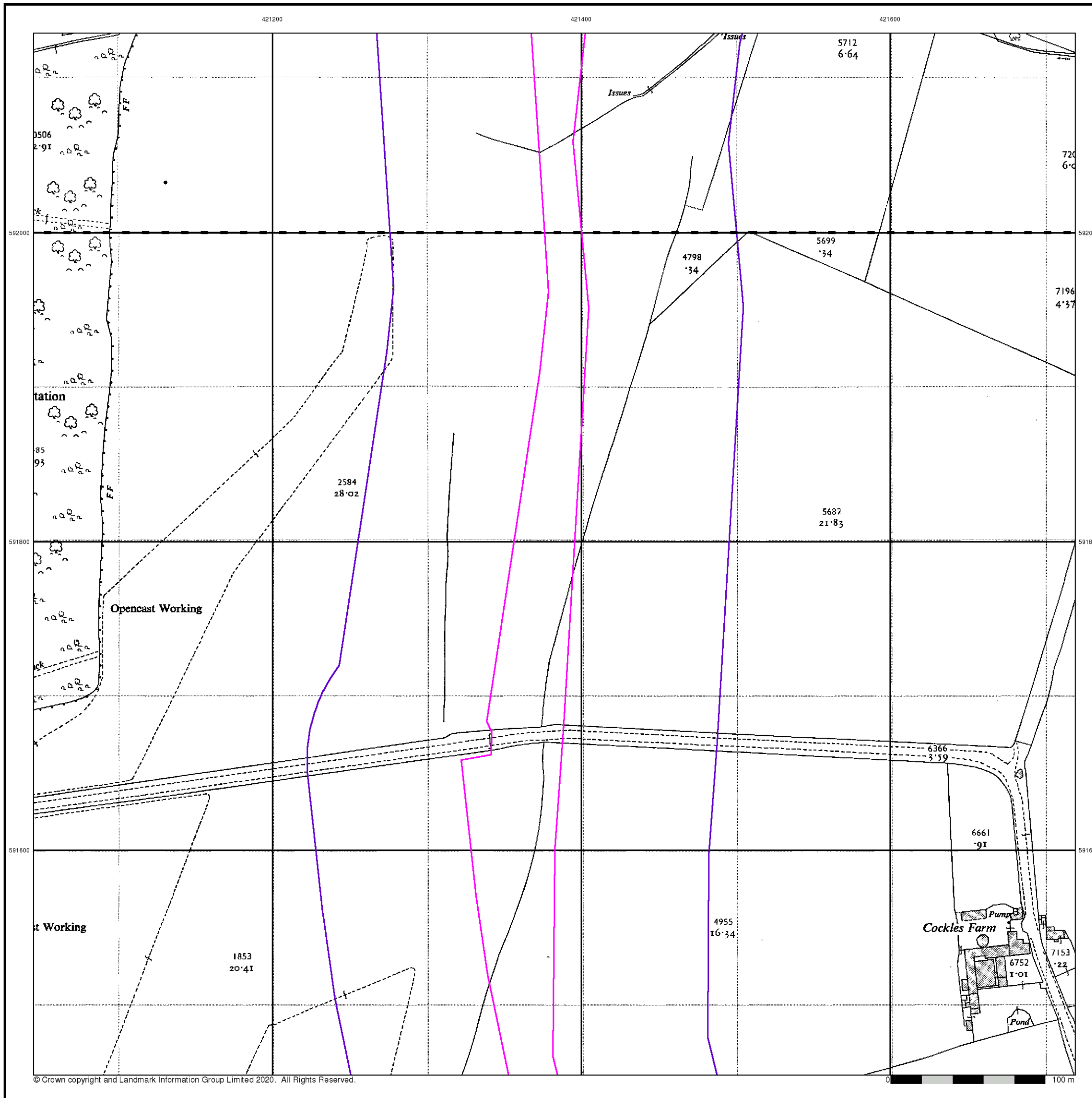


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Site Details

Stobswood Haul Road



Ordnance Survey Plan

Published 1967

Source map scale - 1:2,500

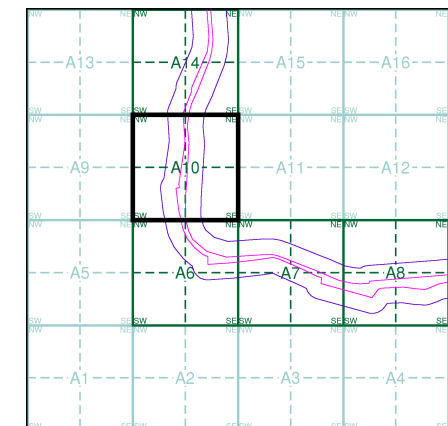
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

NZ2192
1967
1:2,500

NZ2191
1967
1:2,500

Historical Map - Segment A10

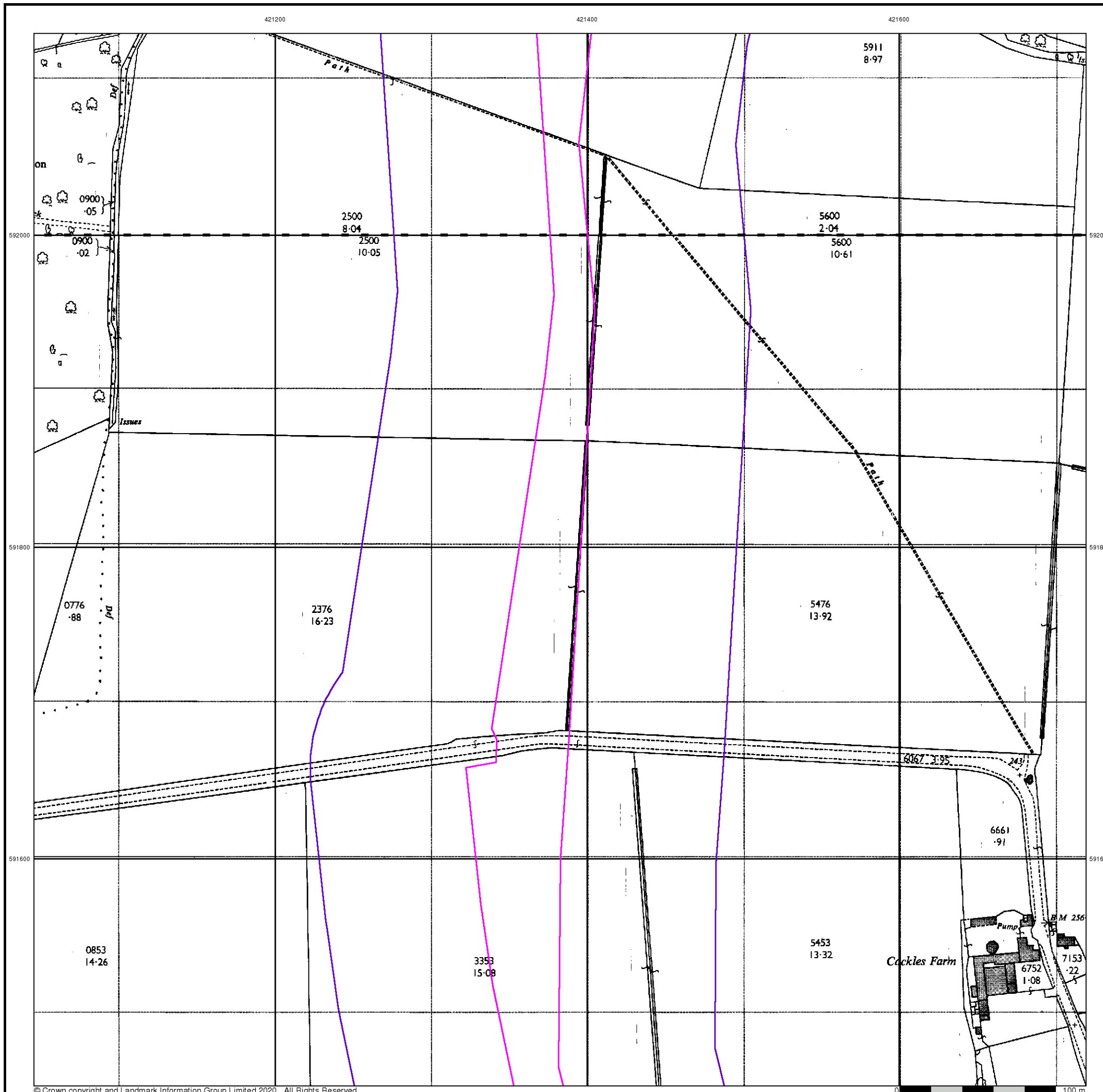


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Site Details

Stobswood Haul Road





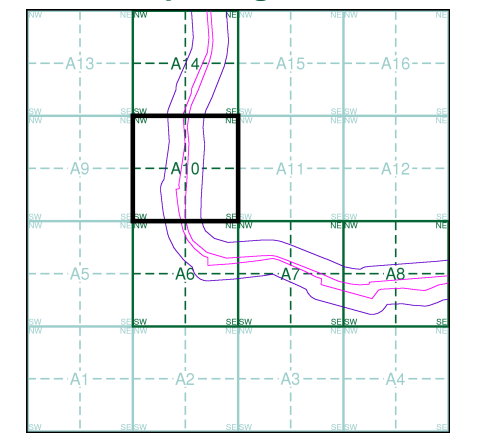
Additional SIMs
Published 1985 - 1990
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2192	1990	1:2,500
NZ2191	1985	1:2,500

Historical Map - Segment A10



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Stobswood Haul Road

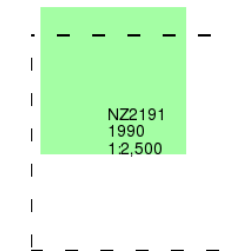
Additional SIMs

Published 1990

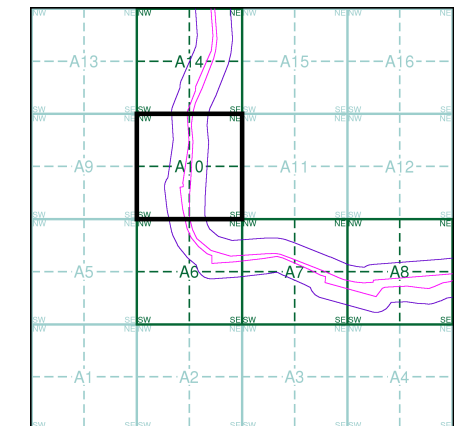
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10

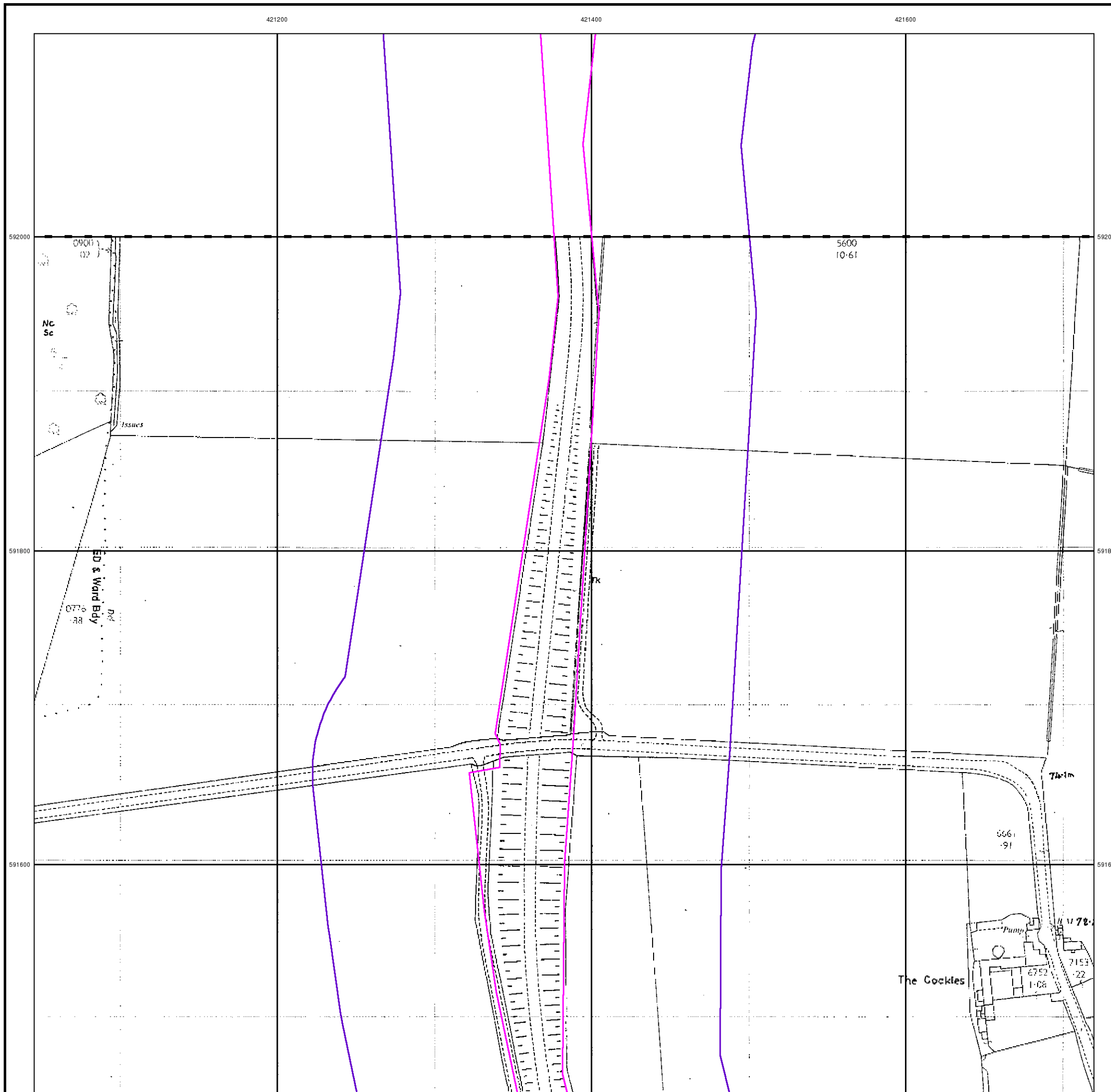


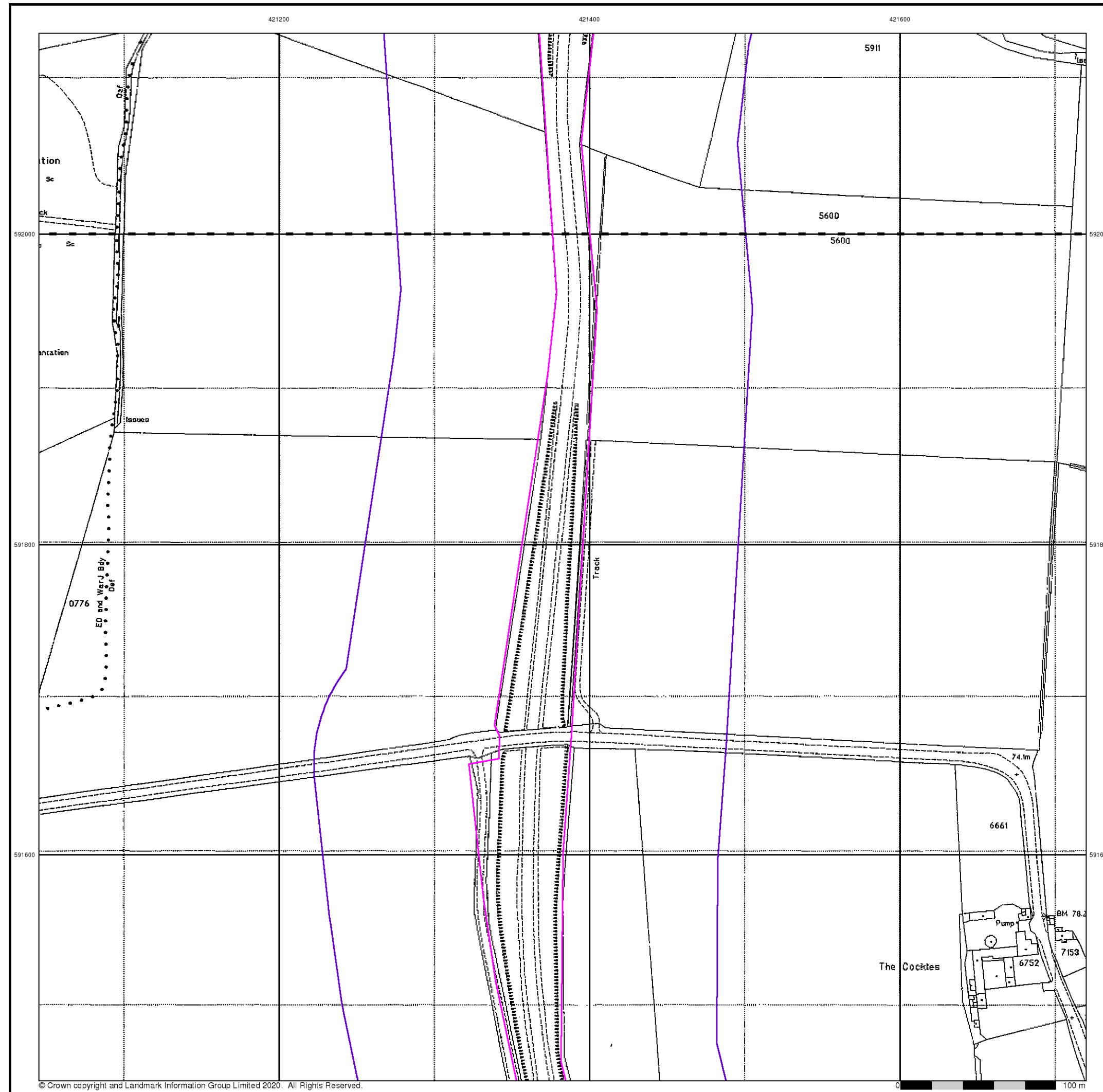
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Stobswood Haul Road





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Large-Scale National Grid Data

Published 1994

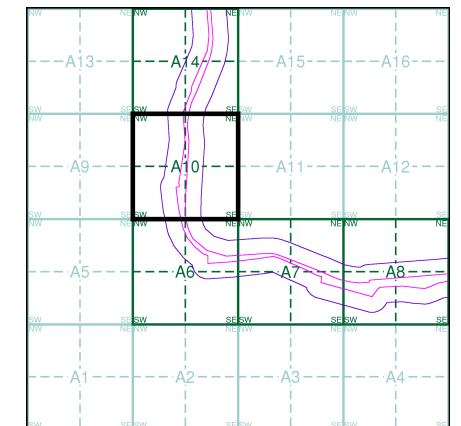
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2192	1994	1:2,500
NZ2191	1994	1:2,500

Historical Map - Segment A10



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Historical Mapping Legends

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

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

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
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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
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County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
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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

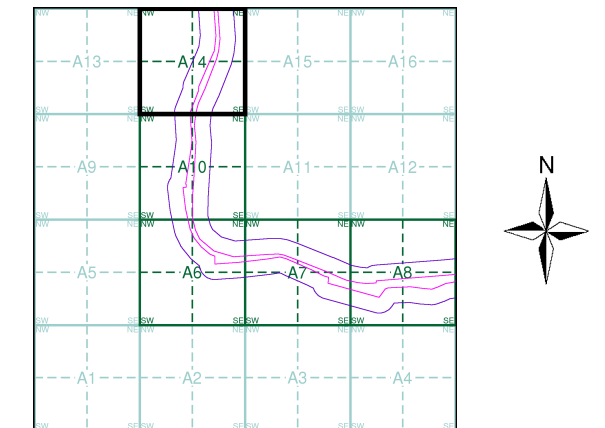
Envirocheck®

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	1923	5
Ordnance Survey Plan	1:2,500	1957	6
Ordnance Survey Plan	1:2,500	1967	7
Additional SIMs	1:2,500	1990	8
Large-Scale National Grid Data	1:2,500	1994	9

Historical Map - Segment A14



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road

Landmark®
 INFORMATION GROUP

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

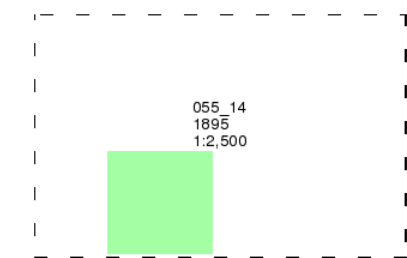
Northumberland

Published 1895

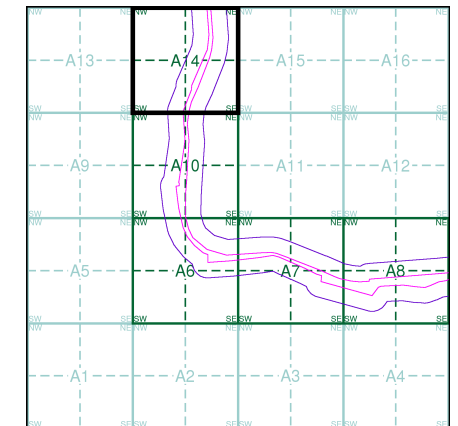
Source map scale - 1:2,500

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 A14

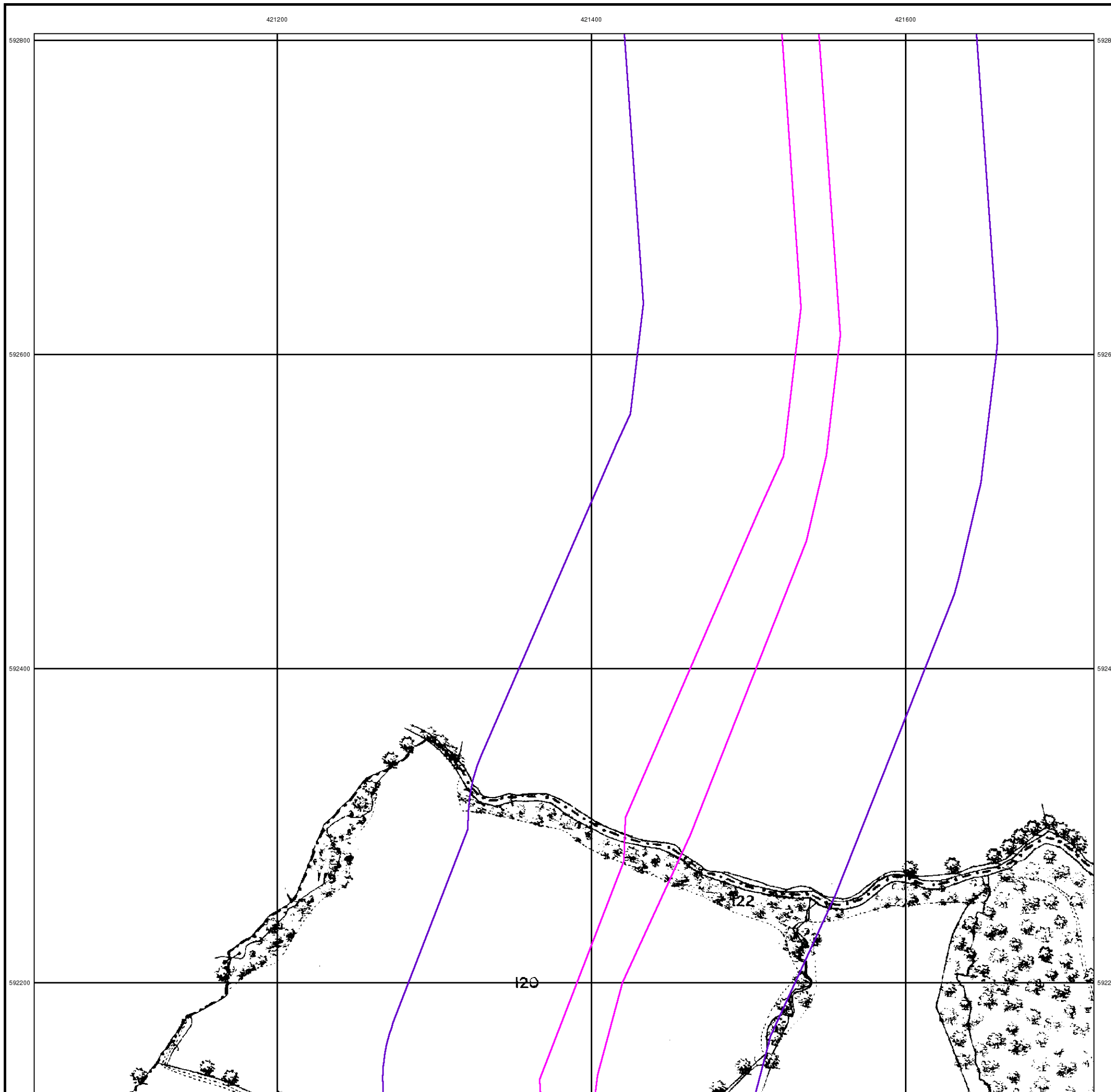


Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 421830, 591520
Slice: A
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road



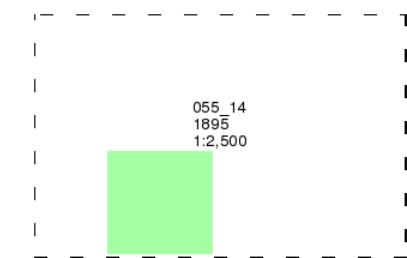
Northumberland

Published 1895

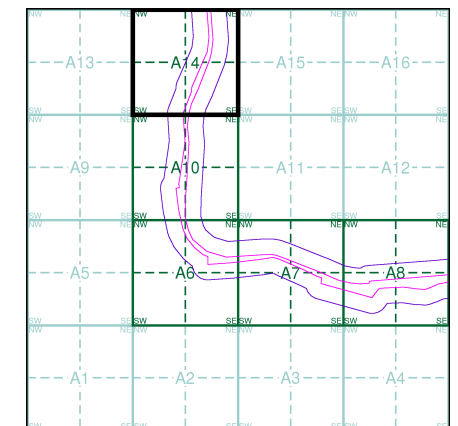
Source map scale - 1:2,500

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 A14

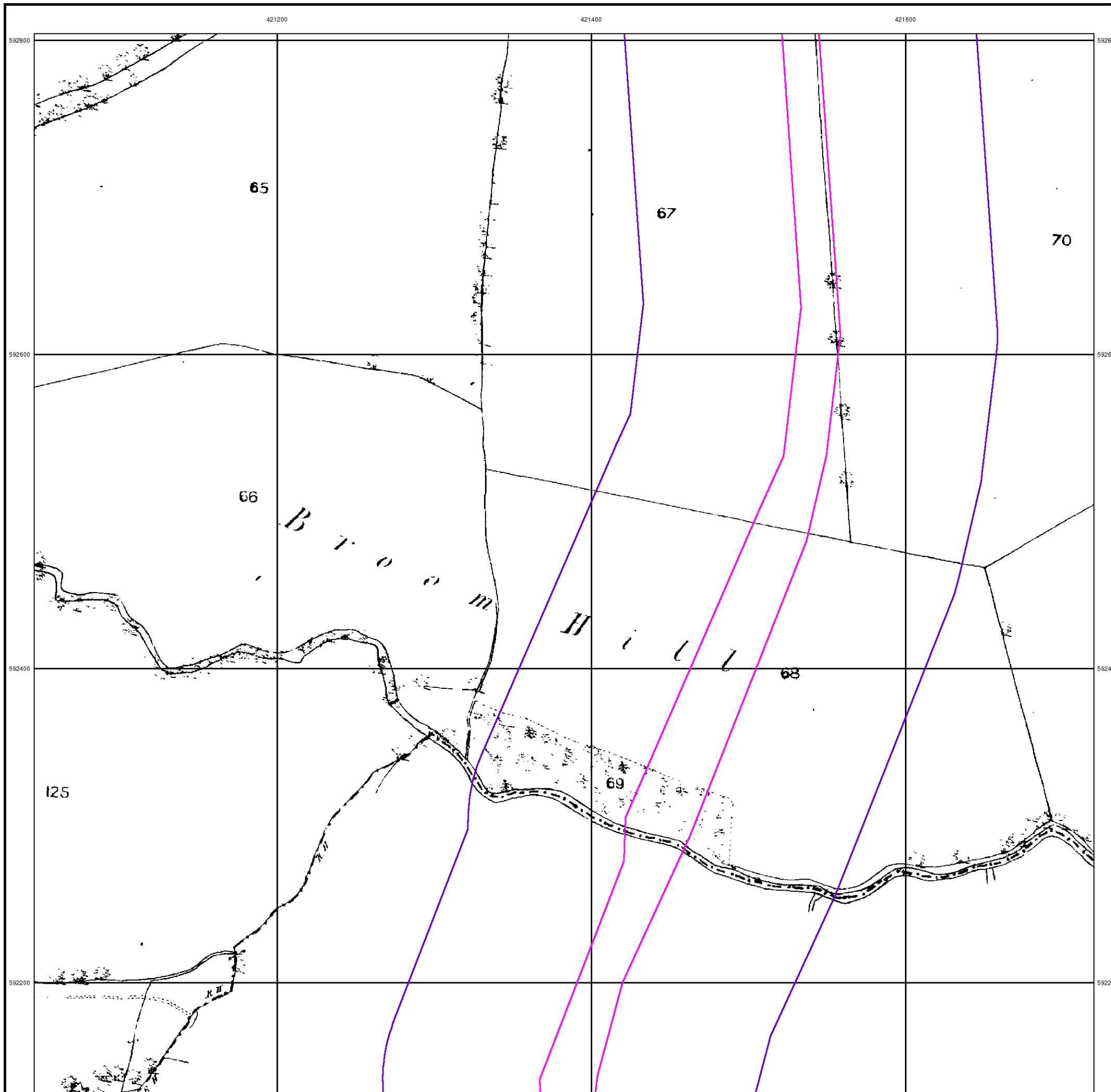


Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 421830, 591520
Slice: A
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road



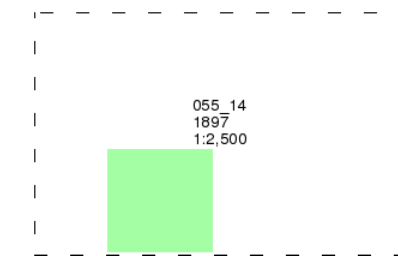
Northumberland

Published 1897

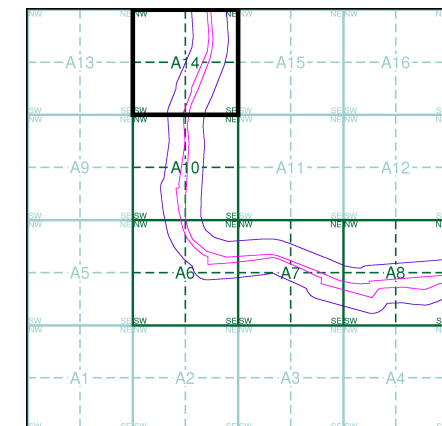
Source map scale - 1:2,500

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

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Historical Map - Segment A14

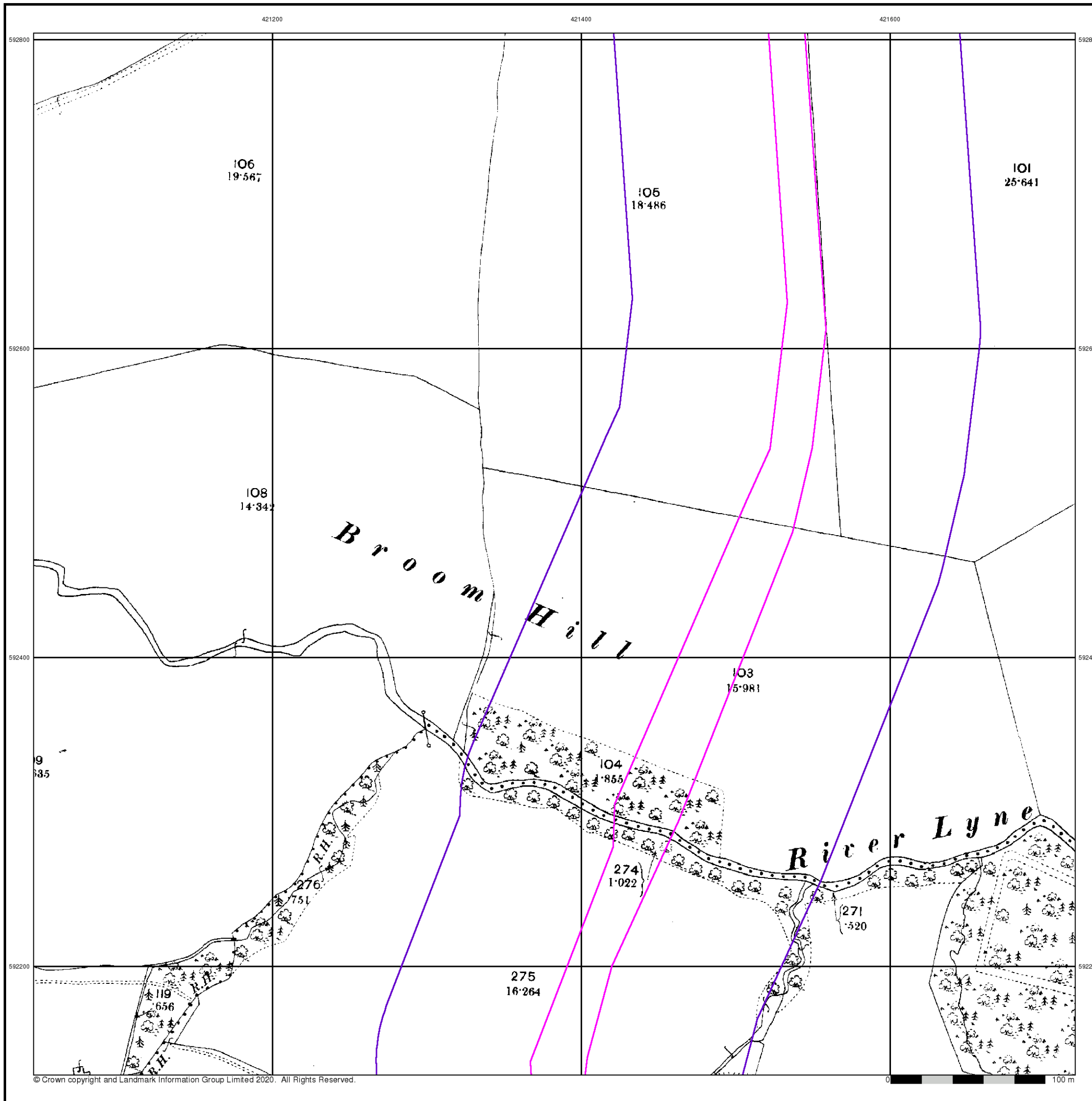


Order Details

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Customer Ref: 3865
National Grid Reference: 421830, 591520
Slice: A
Site Area (Ha): 20.42
Search Buffer (m): 100

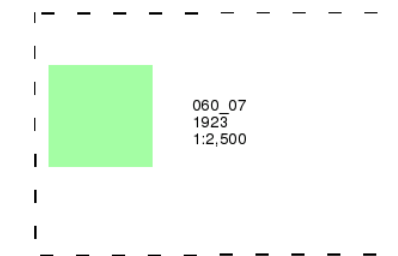
Site Details

Stobswood Haul Road

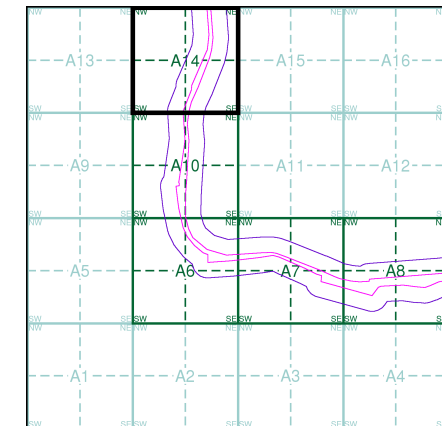


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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 A14

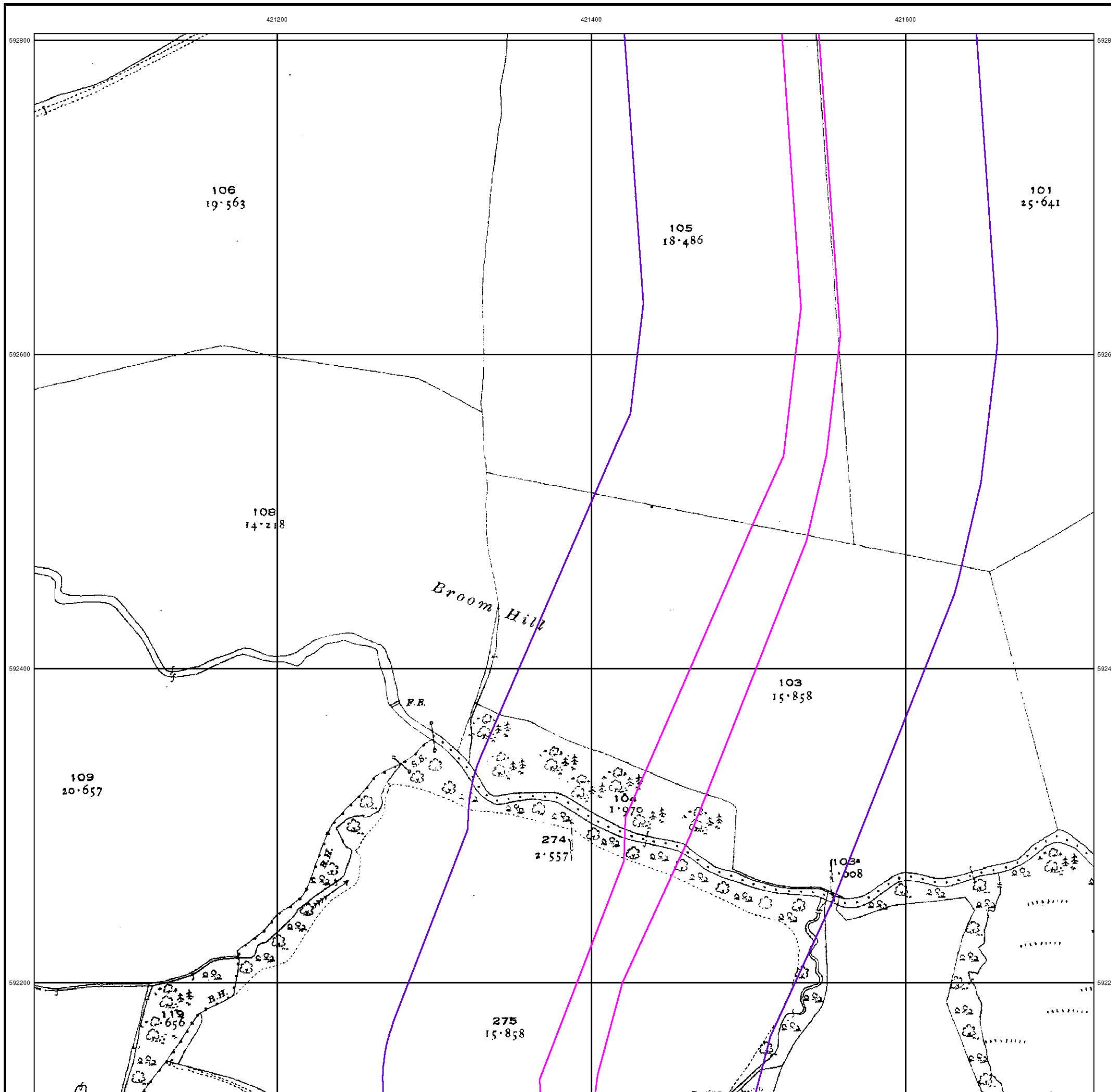


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



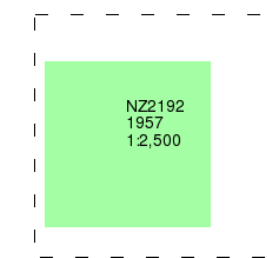
Ordnance Survey Plan

Published 1957

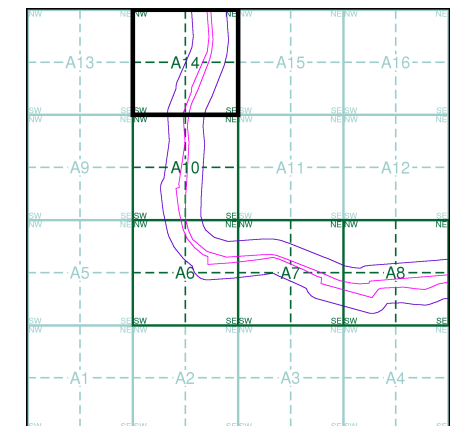
Source map scale - 1:2,500

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 A14

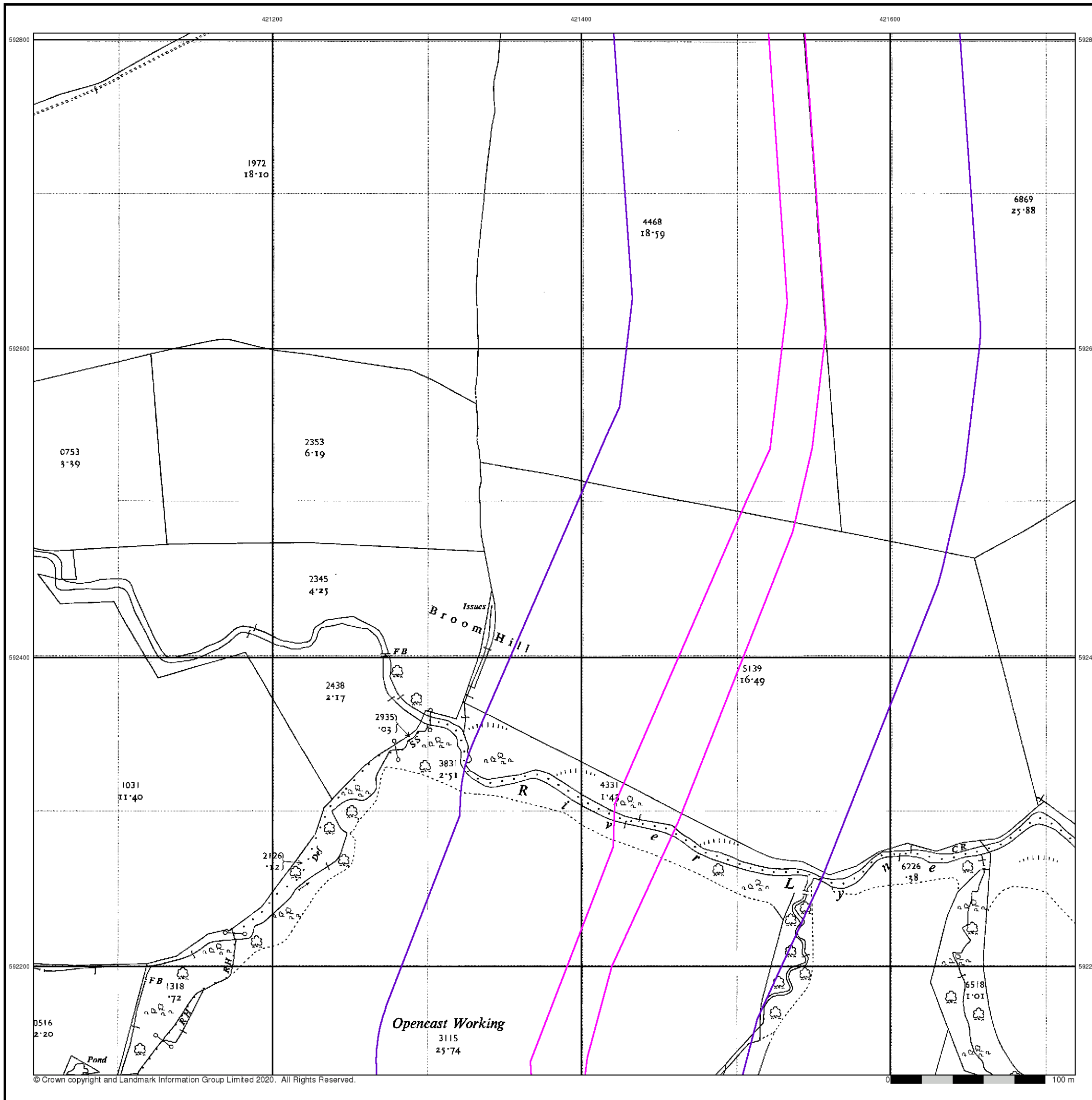


Order Details

Order Number: 264431527_1_1
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 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



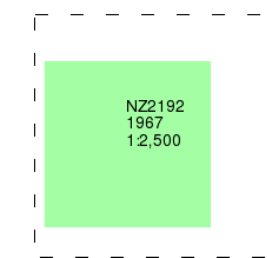
Ordnance Survey Plan

Published 1967

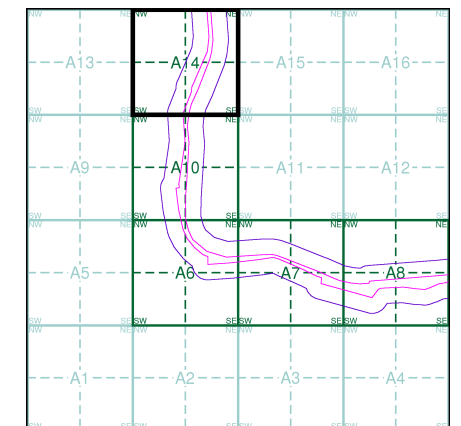
Source map scale - 1:2,500

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 A14

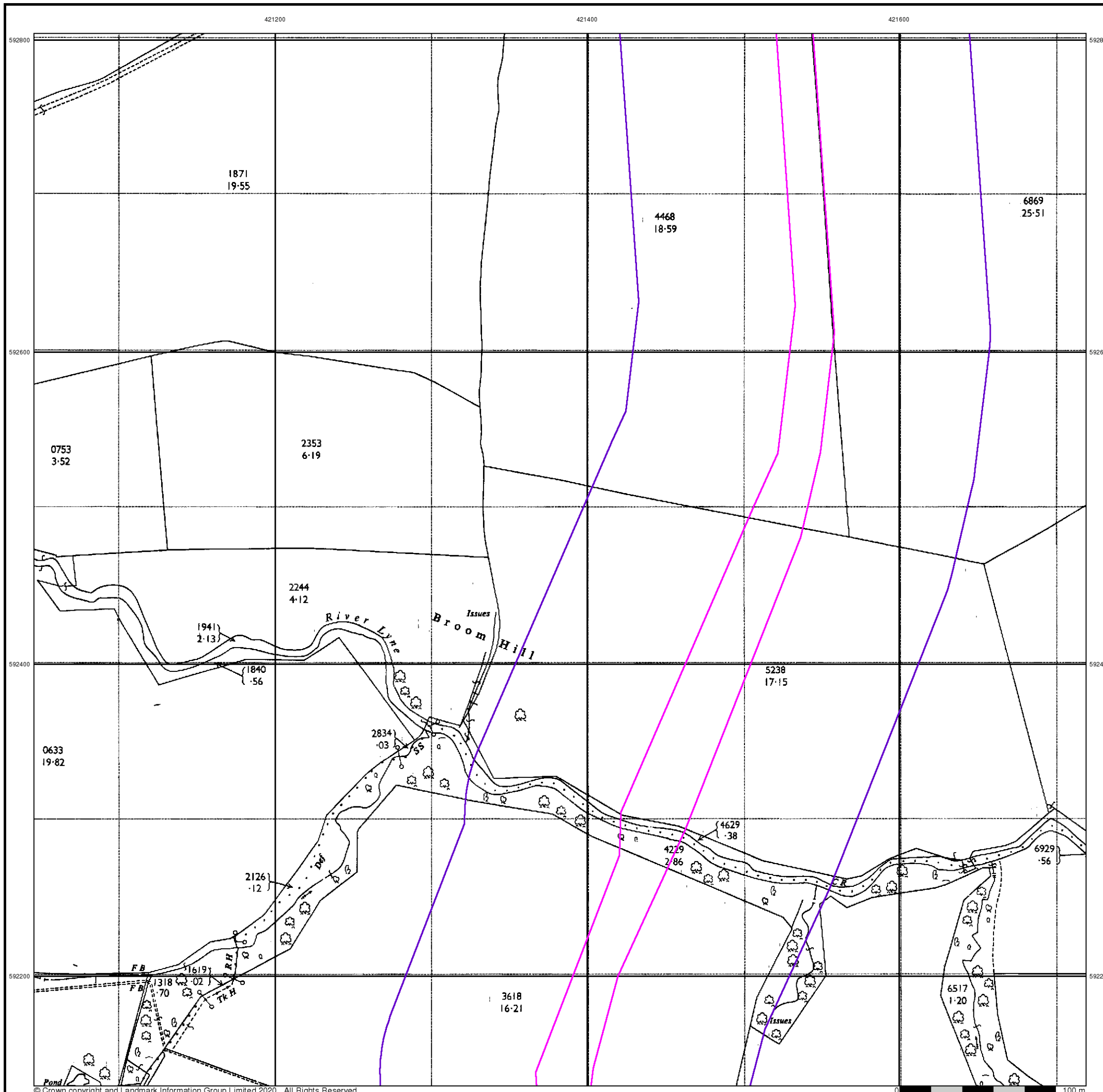


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



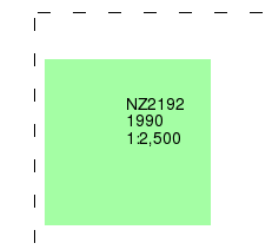
Additional SIMs

Published 1990

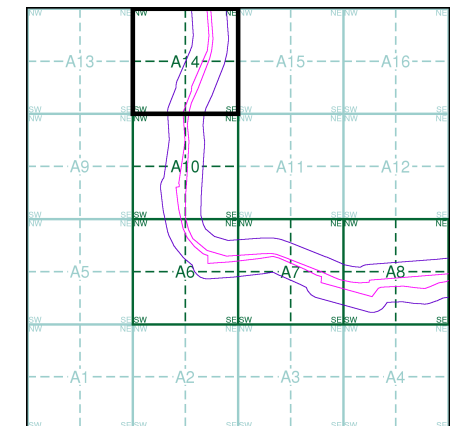
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A14

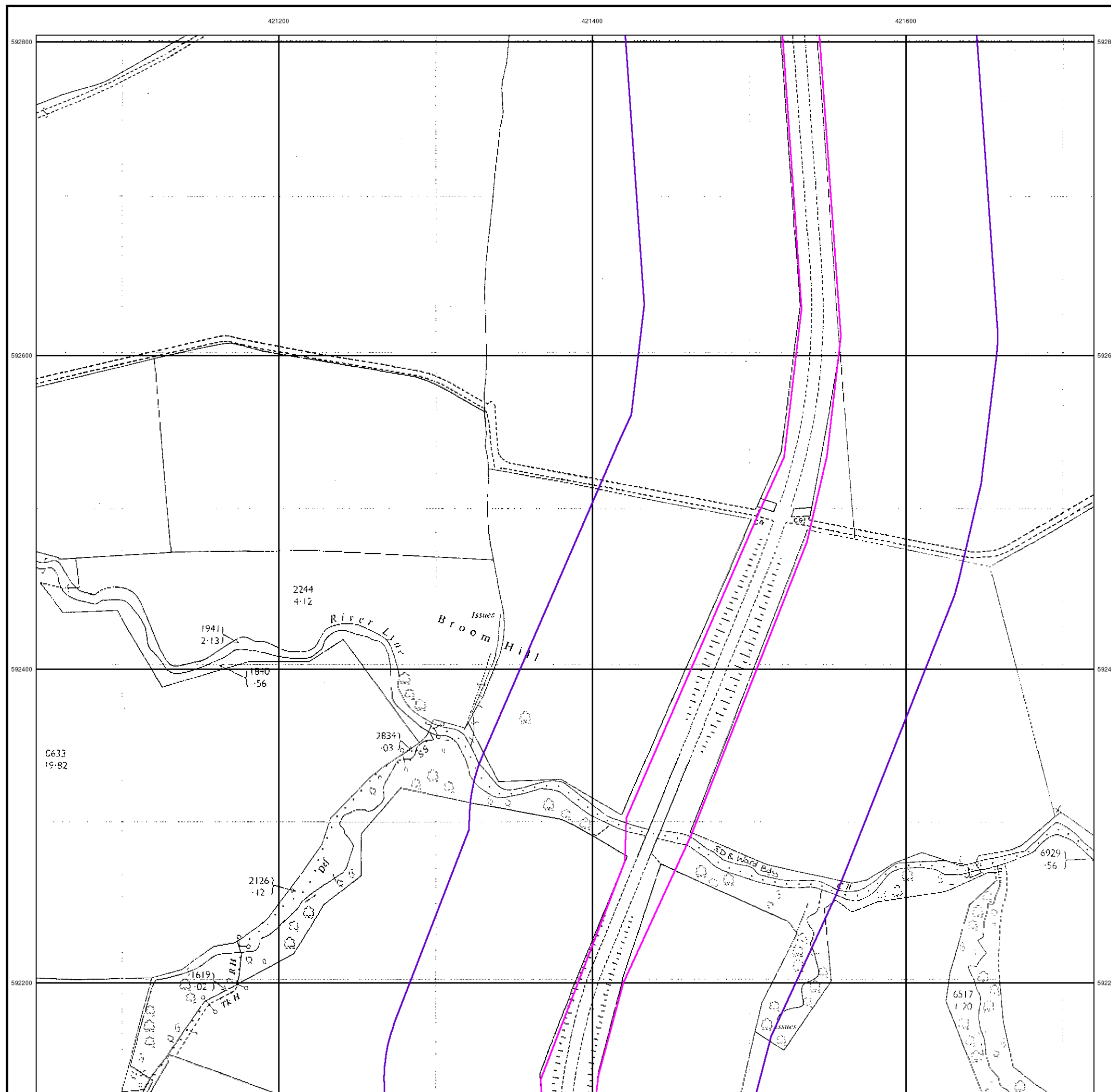


Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 421830, 591520
Slice: A
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road



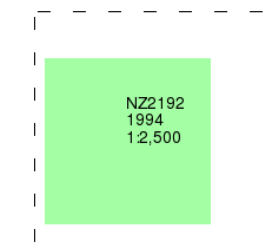
Large-Scale National Grid Data

Published 1994

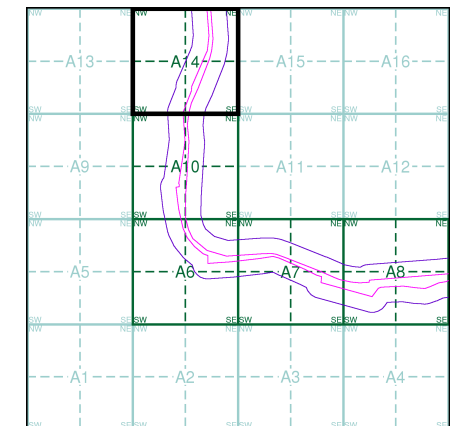
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A14

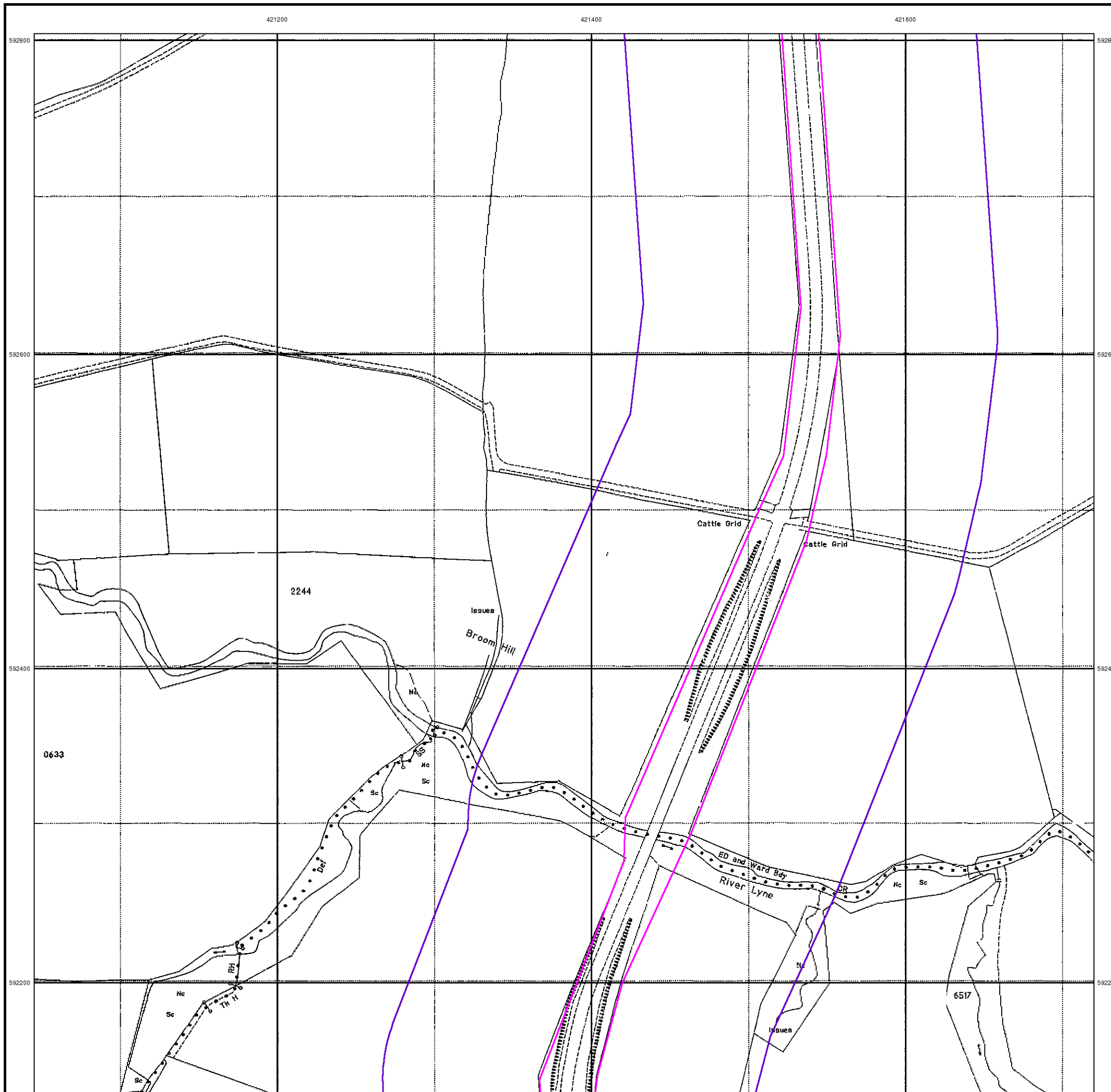


Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 421830, 591520
Slice: A
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road



Historical Mapping Legends

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

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

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

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

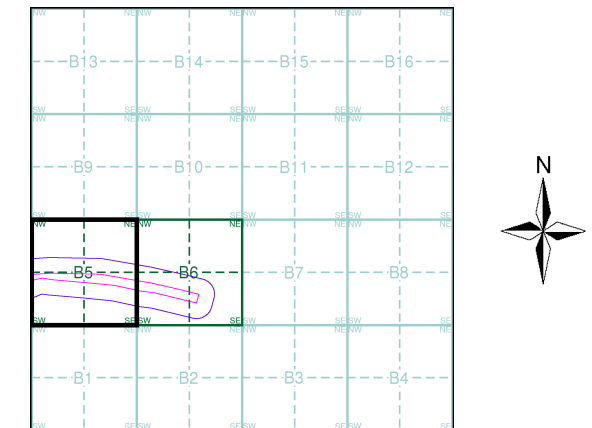
Envirocheck®

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	1895	4
Northumberland	1:2,500	1897	5
Northumberland	1:2,500	1923	6
Ordnance Survey Plan	1:2,500	1957	7
Additional SIMs	1:2,500	1957	8
Additional SIMs	1:2,500	1985 - 1990	9
Large-Scale National Grid Data	1:2,500	1994	10

Historical Map - Segment B5



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road

Landmark®
 INFORMATION GROUP

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

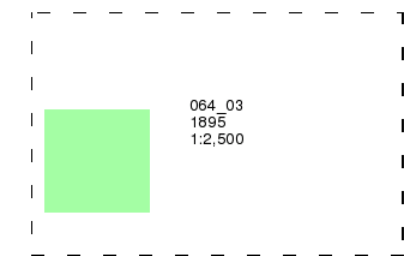
Northumberland

Published 1895

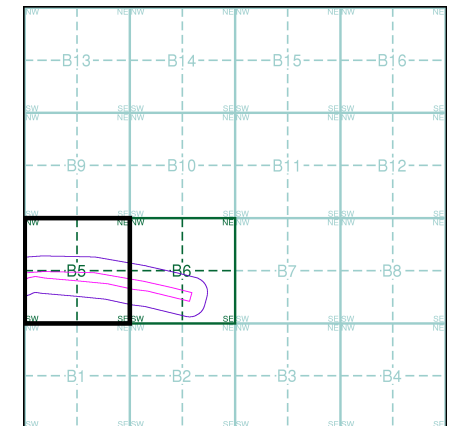
Source map scale - 1:2,500

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 B5

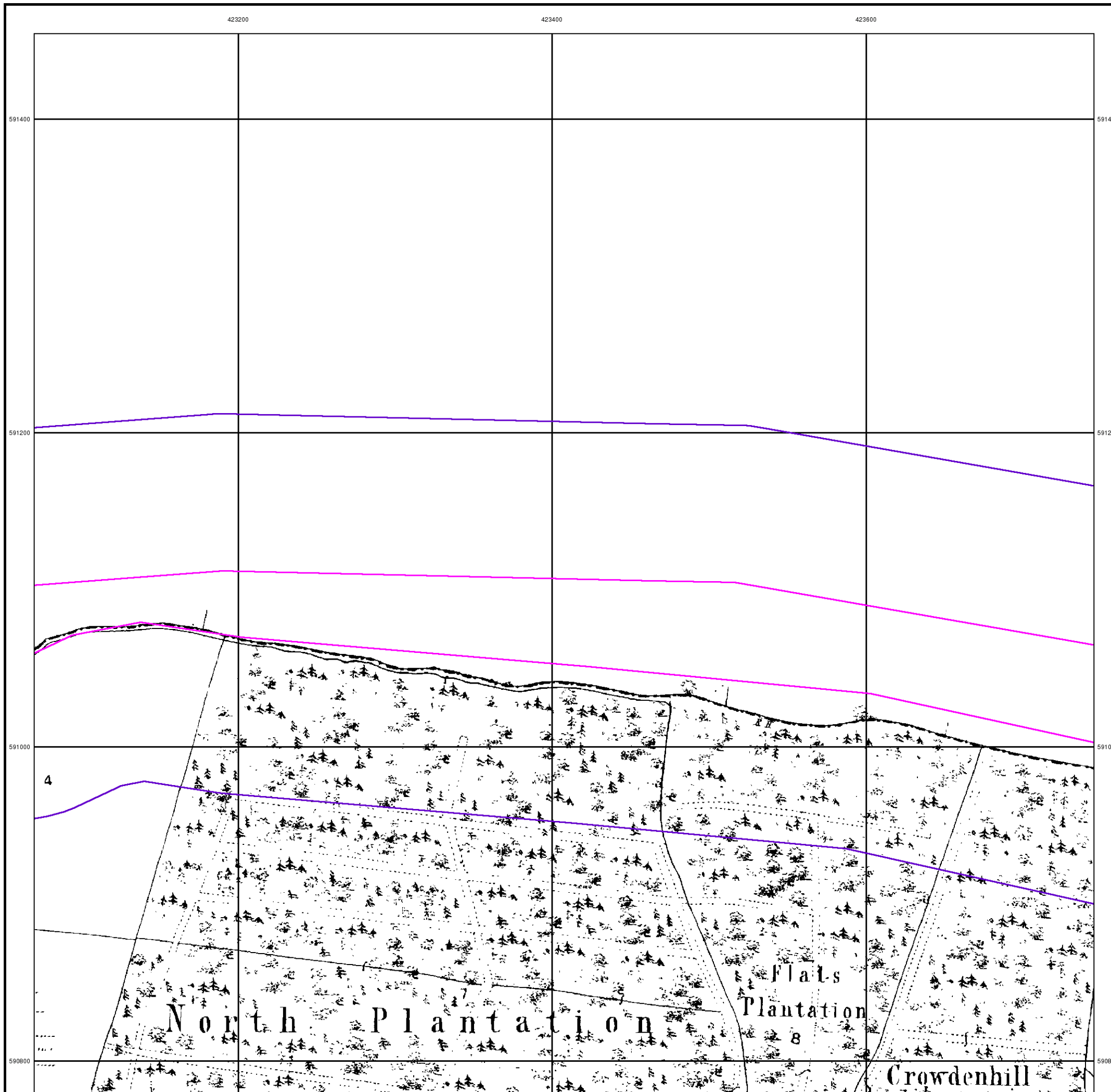


Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 423810, 591020
Slice: B
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road



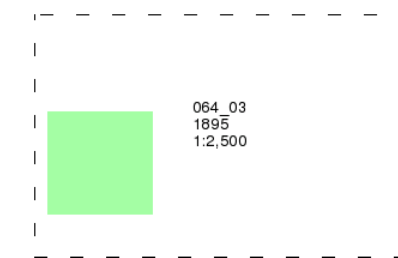
Northumberland

Published 1895

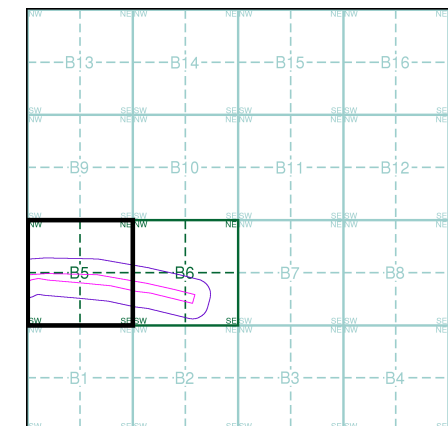
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment B5

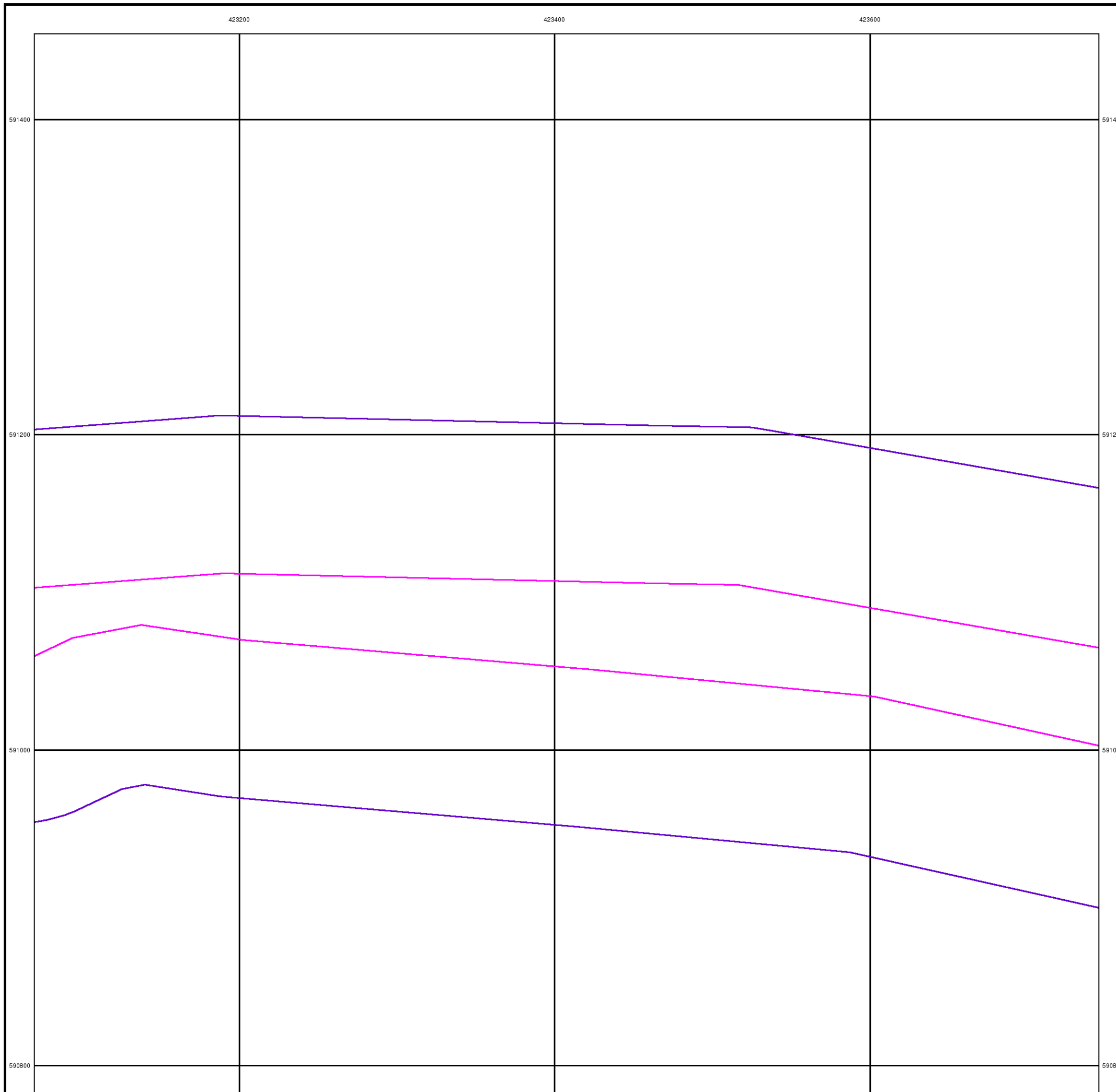


Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 423810, 591020
Slice: B
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road



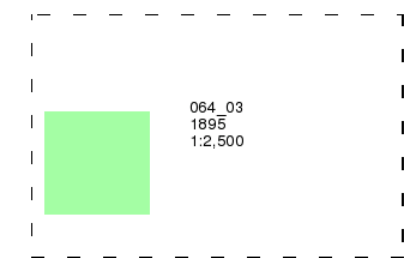
Northumberland

Published 1895

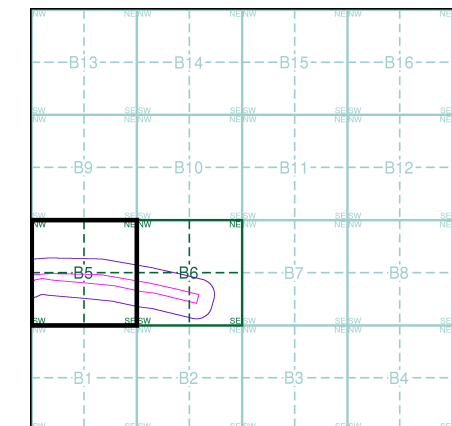
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment B5

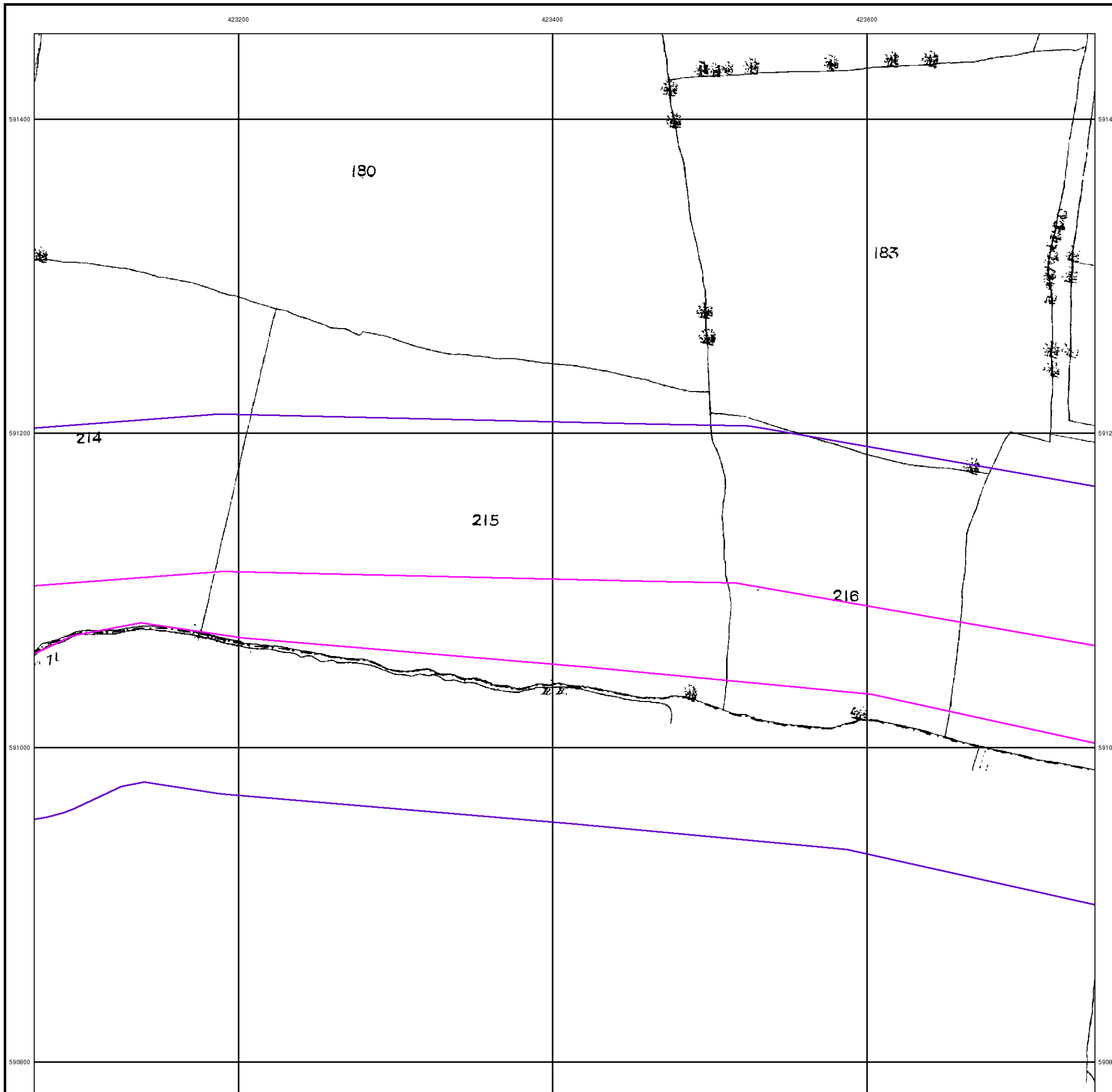


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Site Details

Stobswood Haul Road



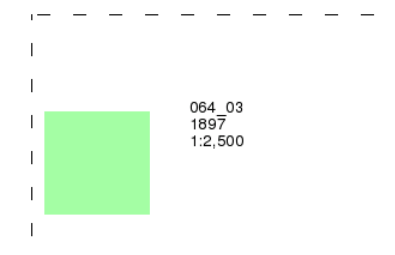
Northumberland

Published 1897

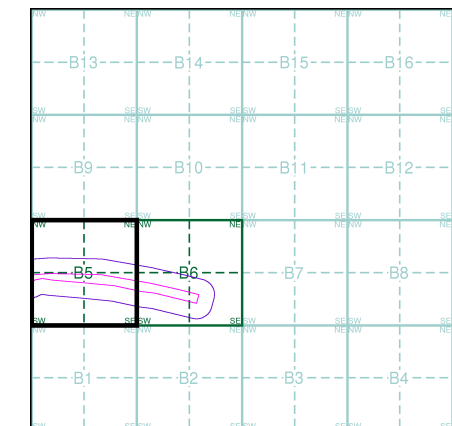
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B5

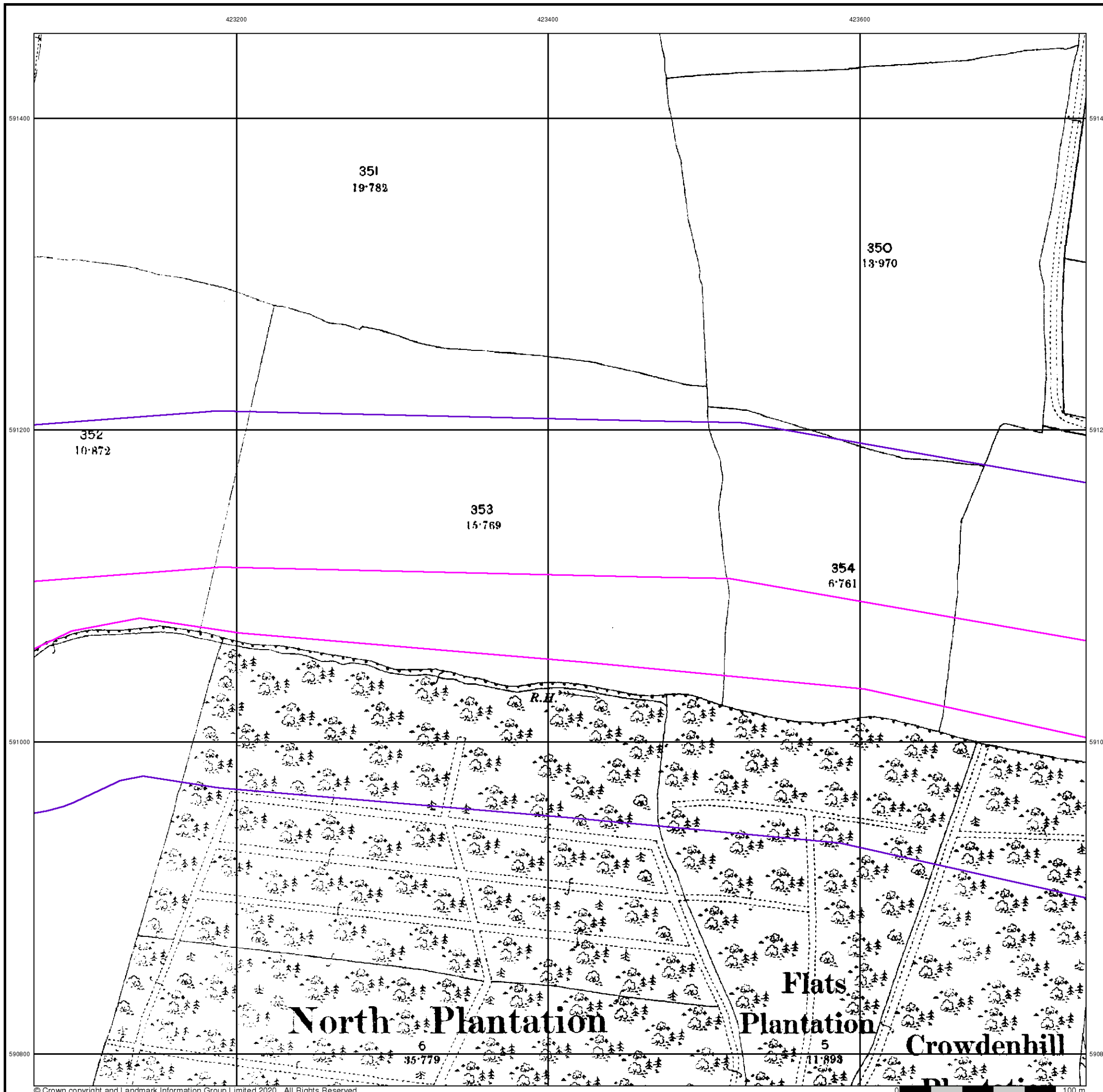


Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 423810, 591020
Slice: B
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road



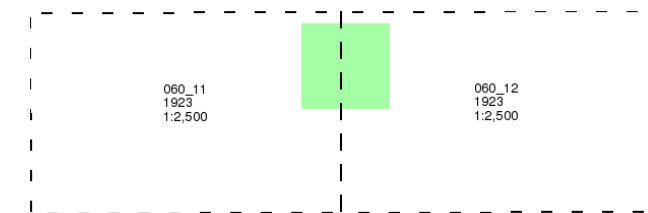
Northumberland

Published 1923

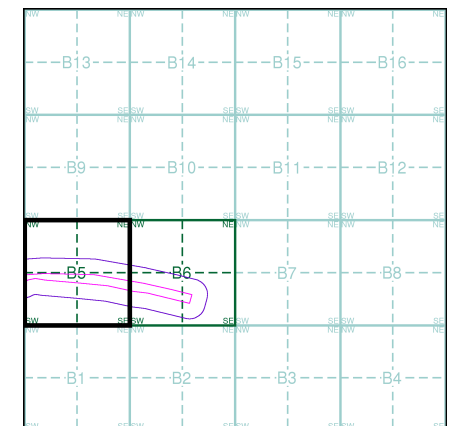
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B5

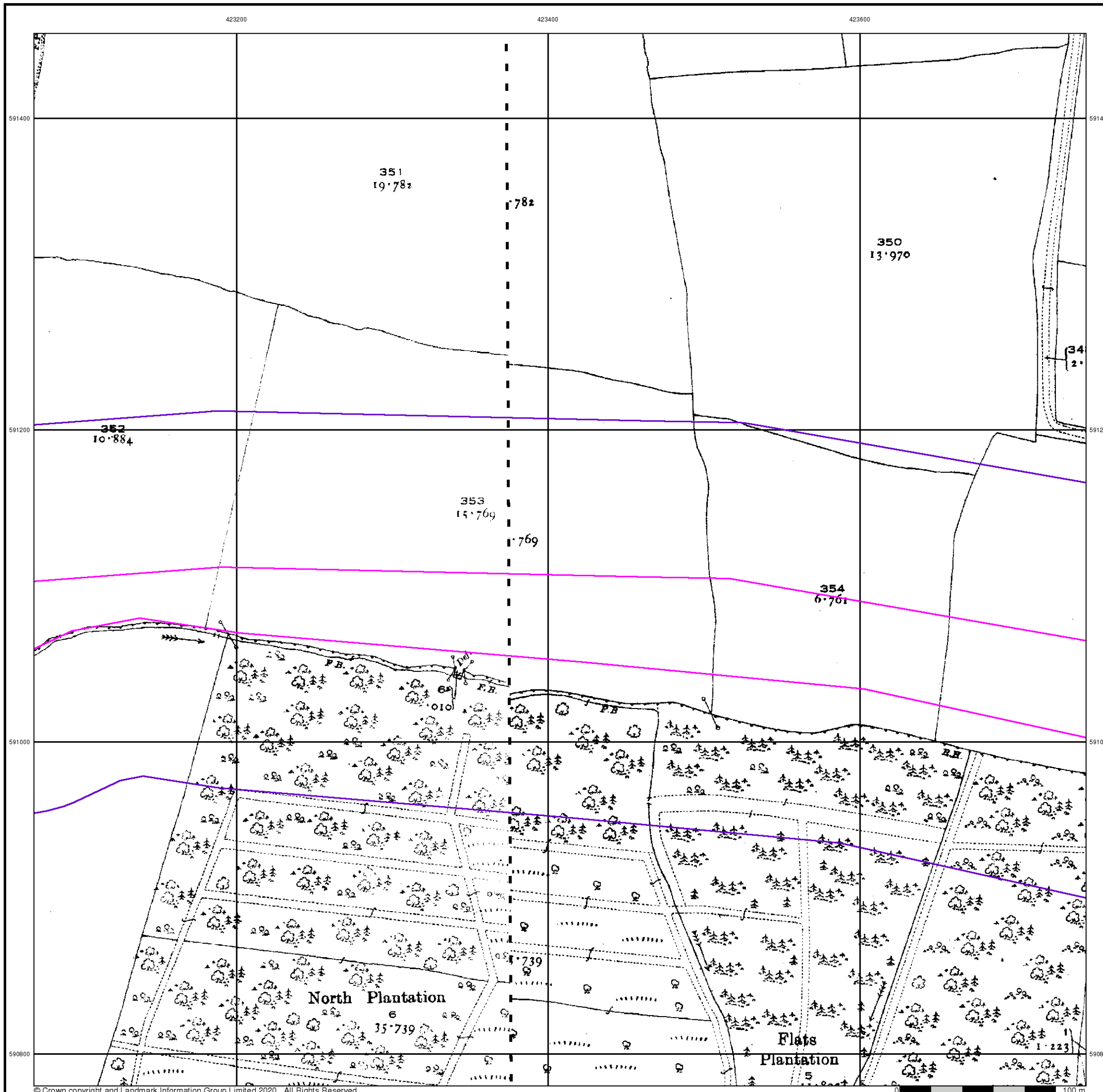


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Ordnance Survey Plan

Published 1957

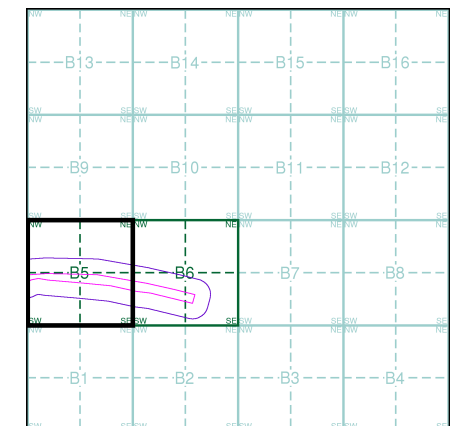
Source map scale - 1:2,500

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)

NZ2391	1957	1:2,500
NZ2390	1957	1:2,500

Historical Map - Segment B5

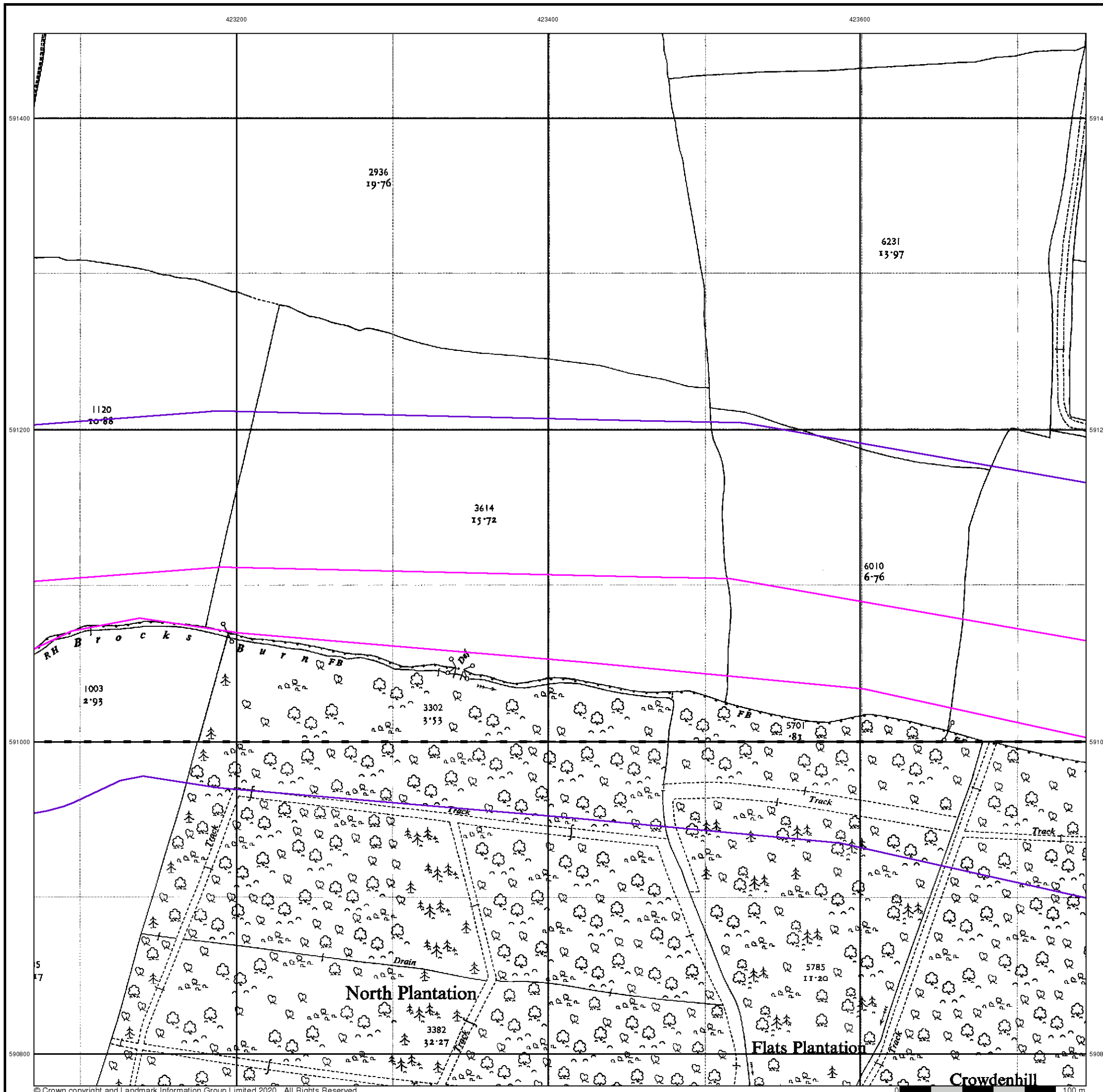


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Additional SIMs

Published 1957

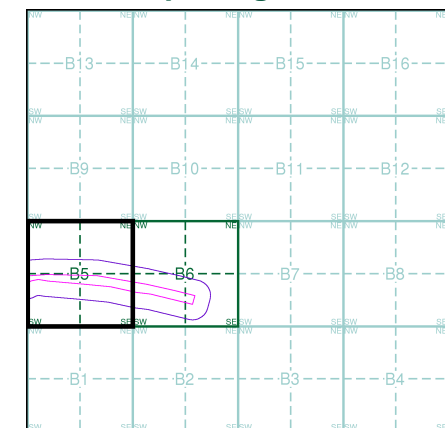
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2391	1957	1:2,500
NZ2390	1957	1:2,500

Historical Map - Segment B5

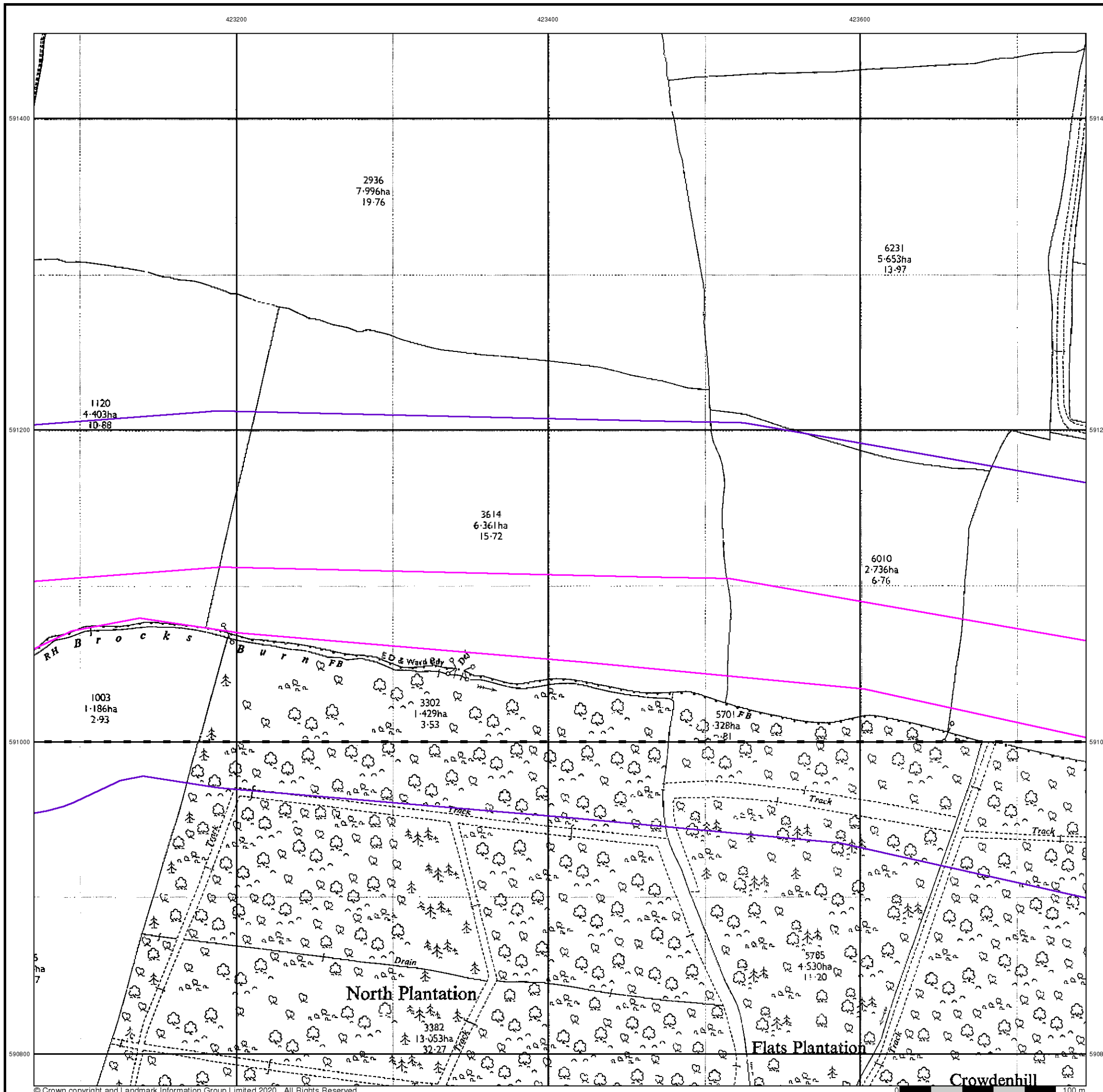


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Additional SIMs

Published 1985 - 1990

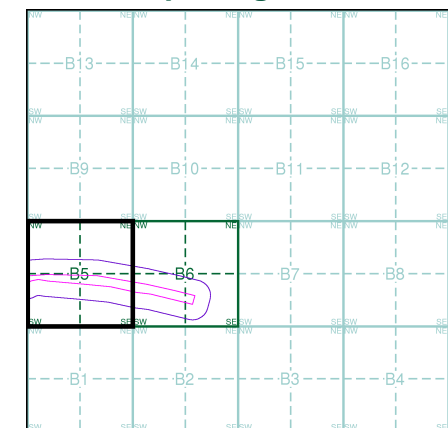
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2391	1985	1:2,500
NZ2390	1990	1:2,500

Historical Map - Segment B5

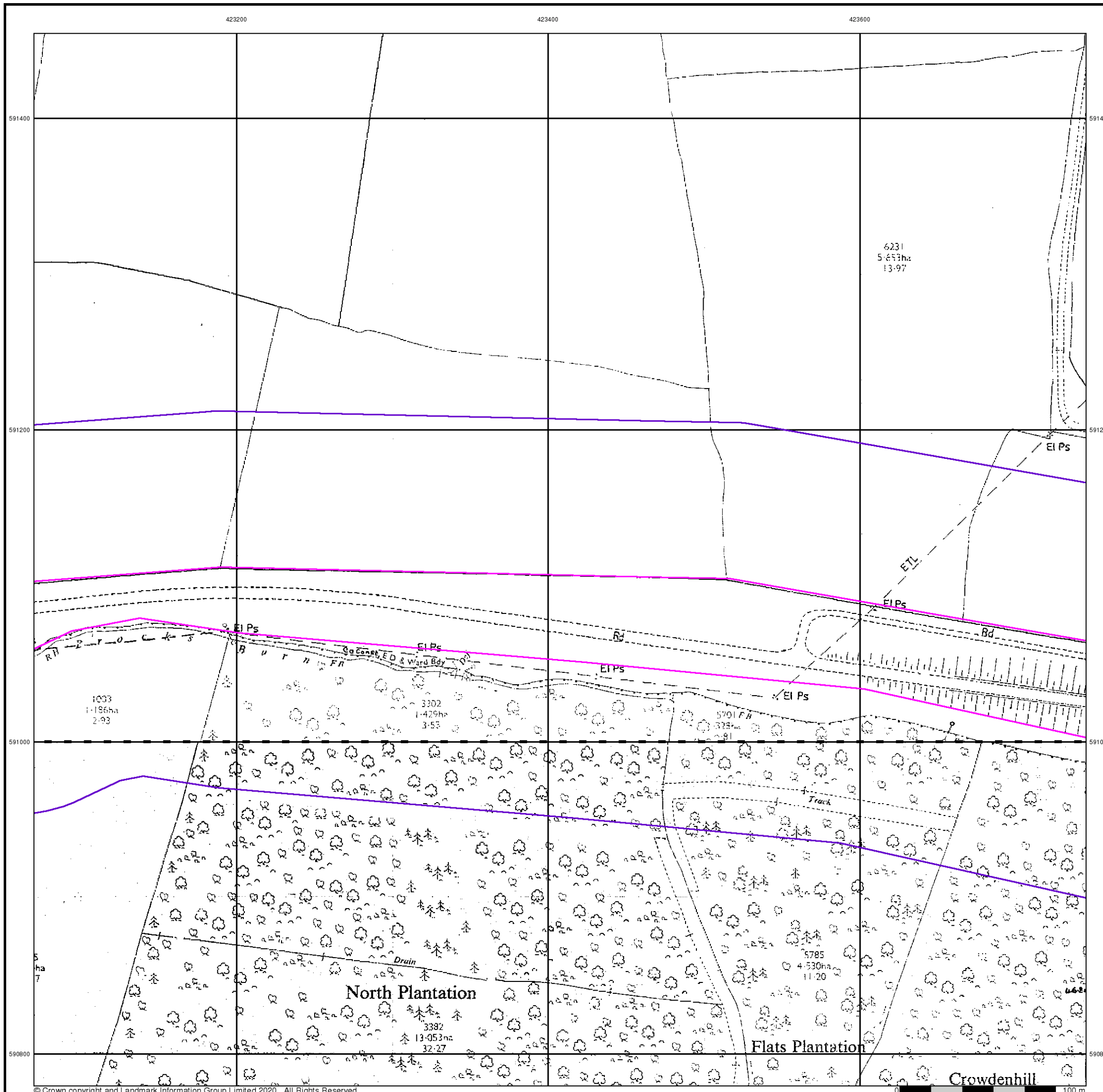


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Large-Scale National Grid Data

Published 1994

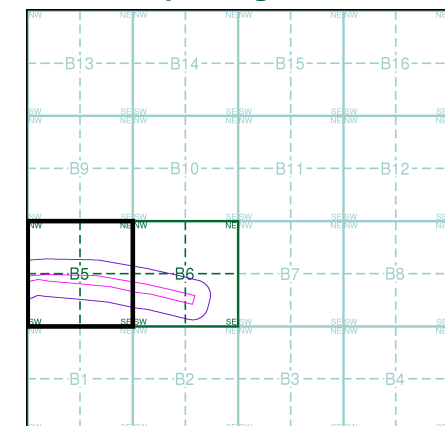
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2391	1994	1:2,500
NZ2390	1994	1:2,500

Historical Map - Segment B5

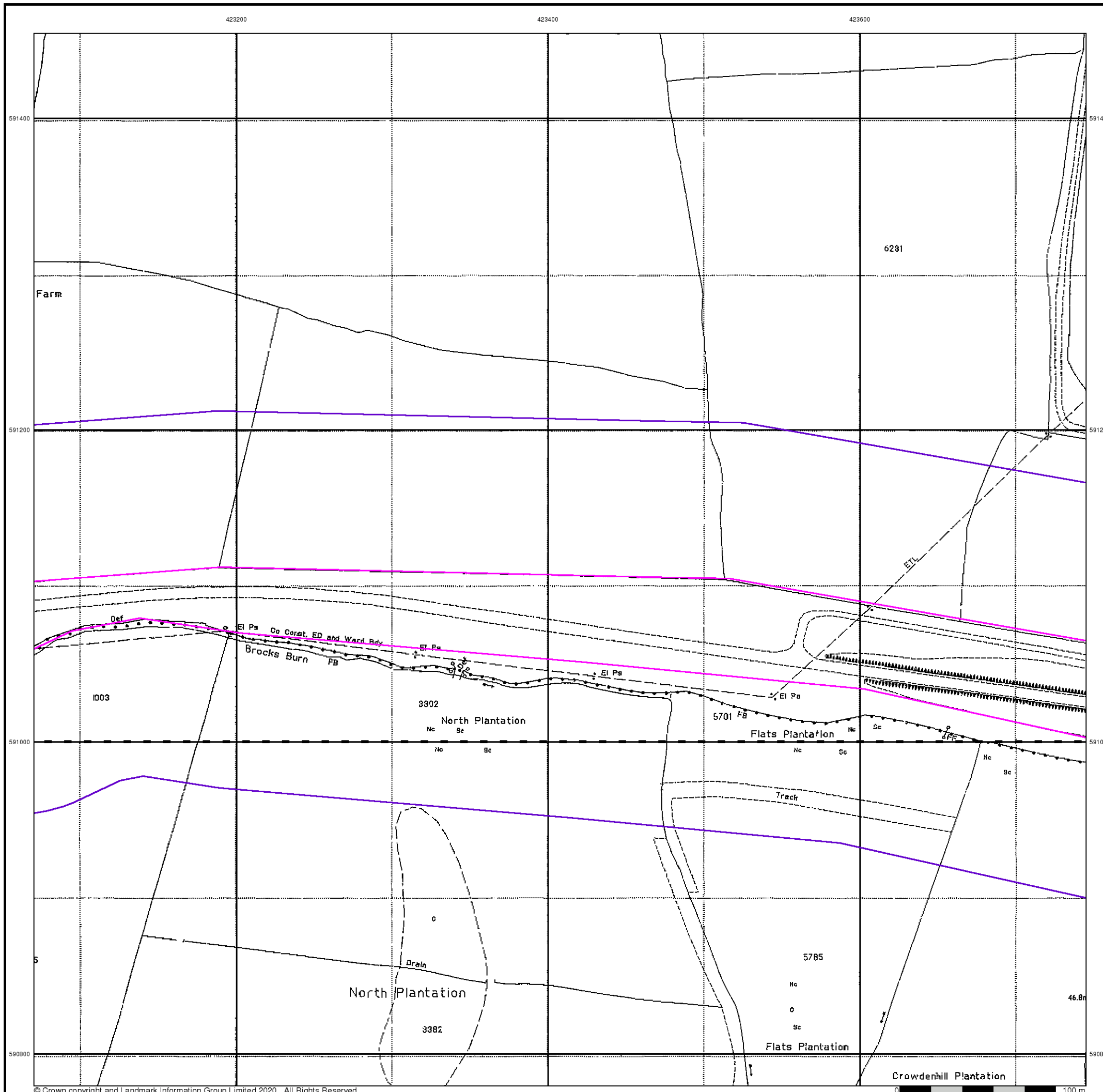


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Historical Mapping Legends

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

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

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

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

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

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
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

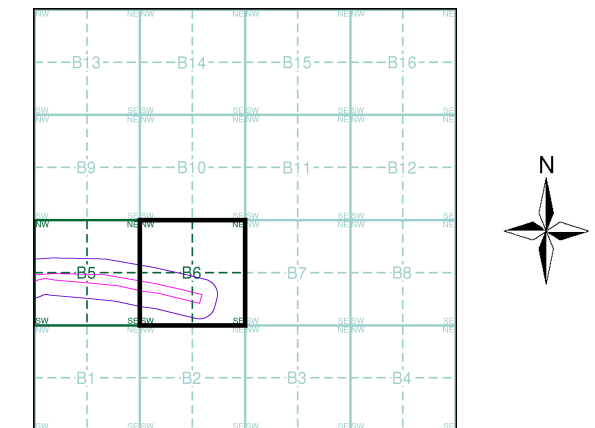
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northumberland	1:2,500	1895	2
Northumberland	1:2,500	1895	3
Northumberland	1:2,500	1895	4
Northumberland	1:2,500	1897	5
Northumberland	1:2,500	1923	6
Ordnance Survey Plan	1:2,500	1957	7
Additional SIMs	1:2,500	1957	8
Additional SIMs	1:2,500	1984 - 1990	9
Ordnance Survey Plan	1:2,500	1990	10
Additional SIMs	1:2,500	1991	11
Large-Scale National Grid Data	1:2,500	1994	12

Historical Map - Segment B6



Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 423810, 591020
Slice: B
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road

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

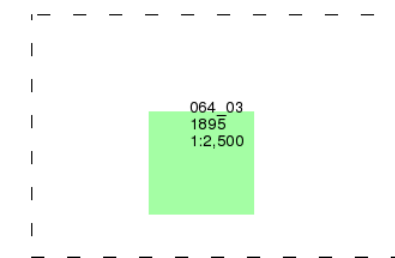
Northumberland

Published 1895

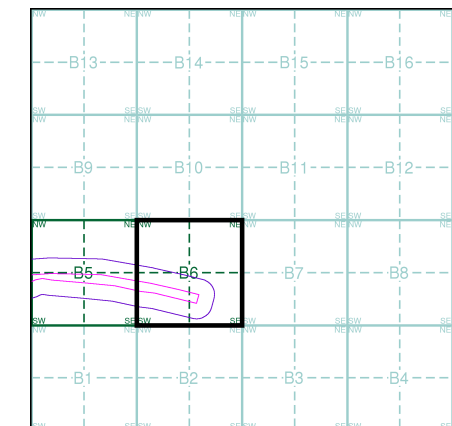
Source map scale - 1:2,500

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 B6

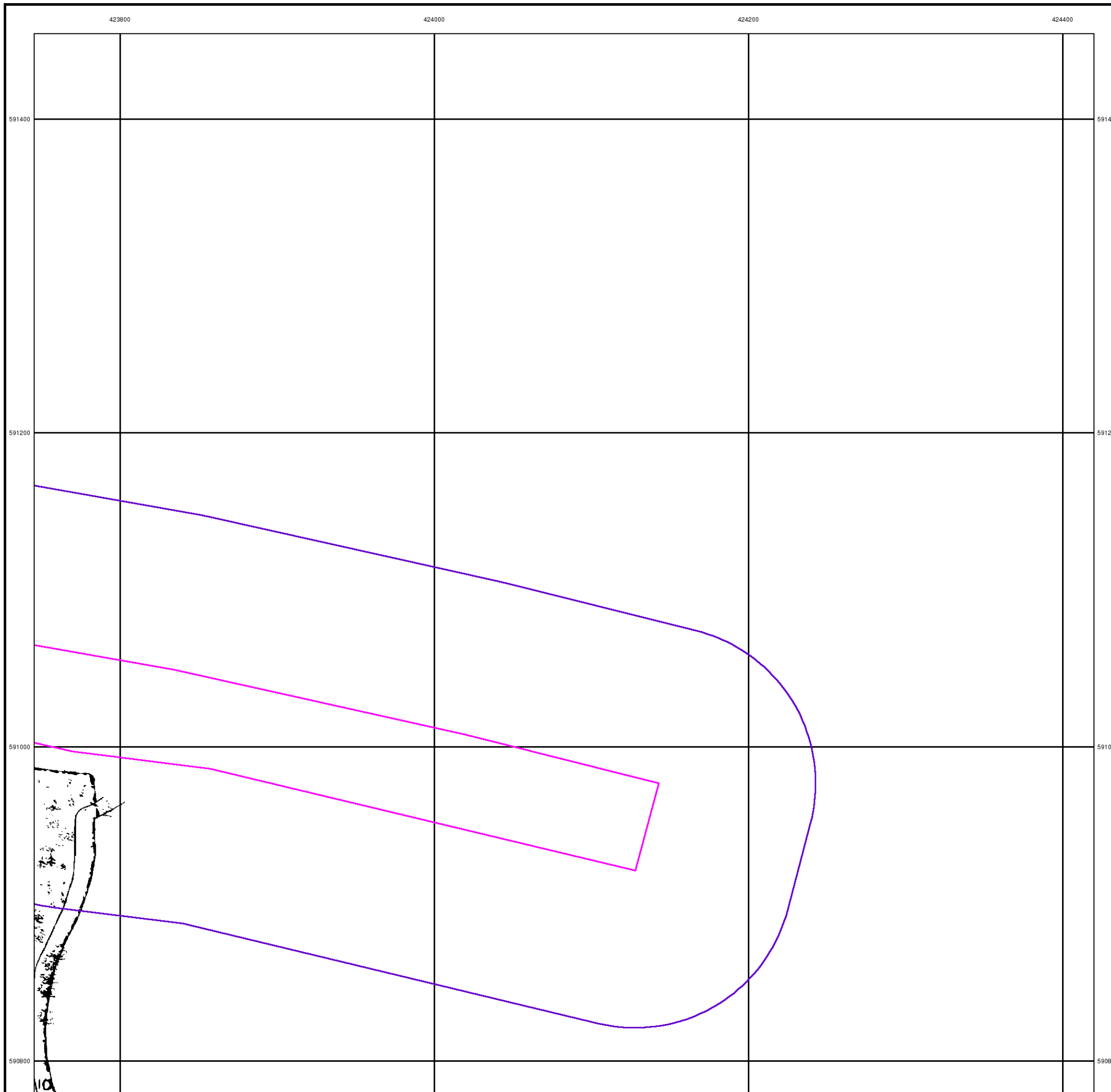


Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 423810, 591020
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Site Details

Stobswood Haul Road



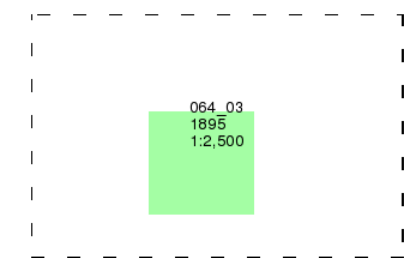
Northumberland

Published 1895

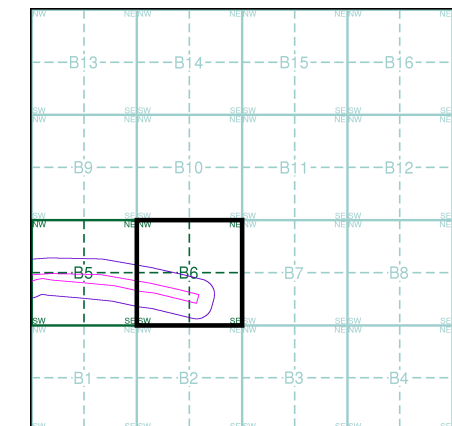
Source map scale - 1:2,500

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 B6

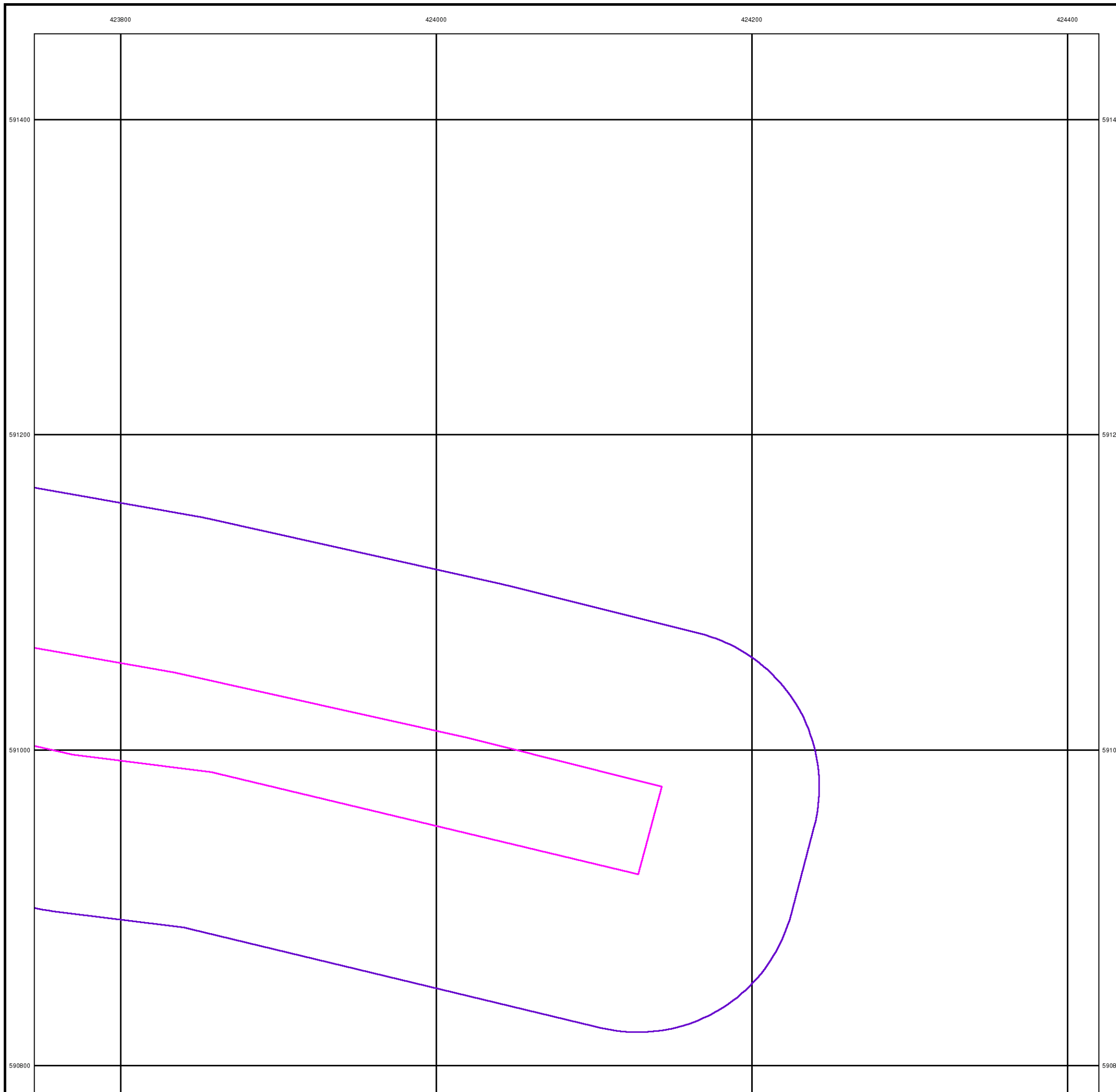


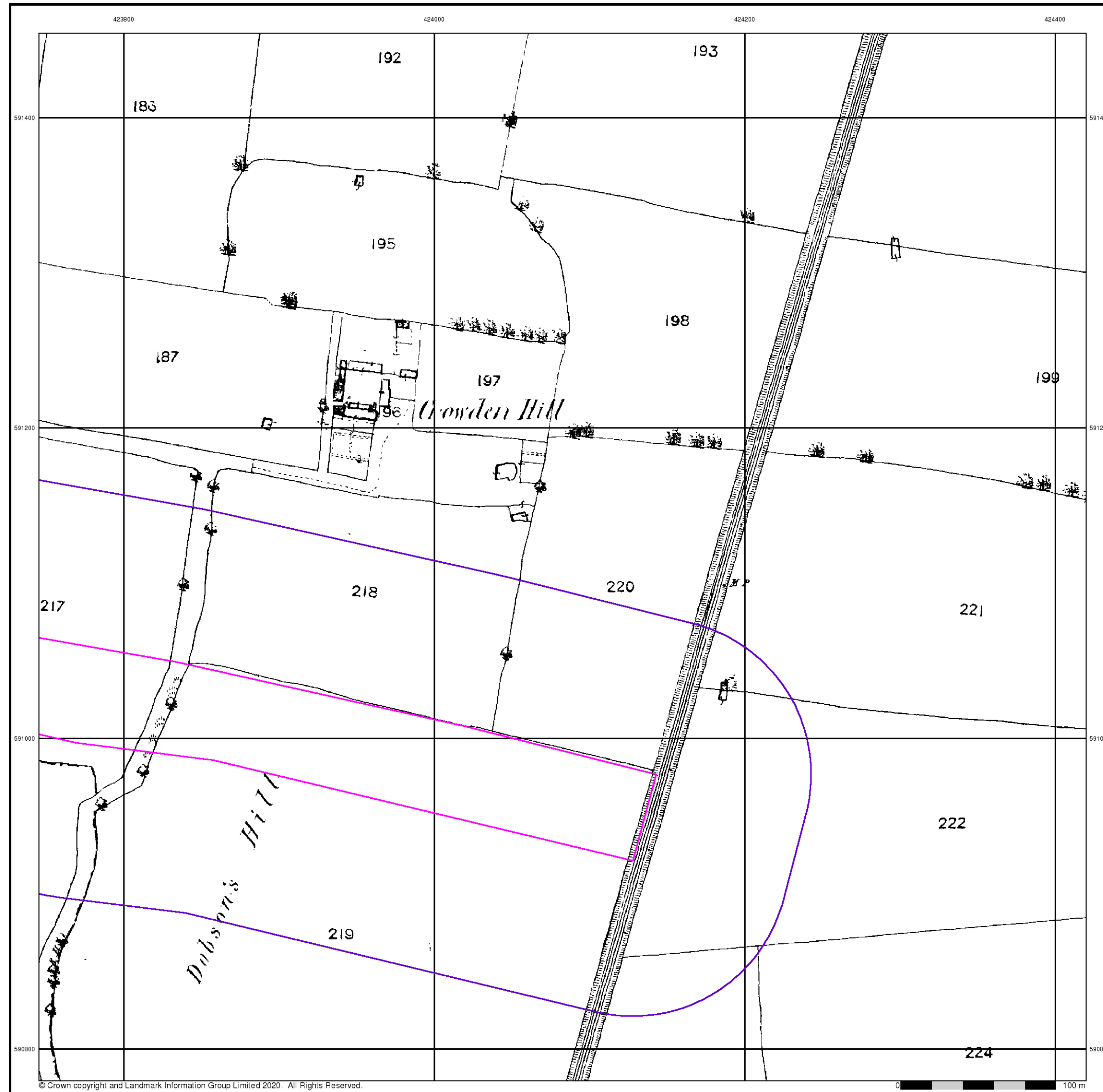
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Customer Ref: 3865
National Grid Reference: 423810, 591020
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Site Details

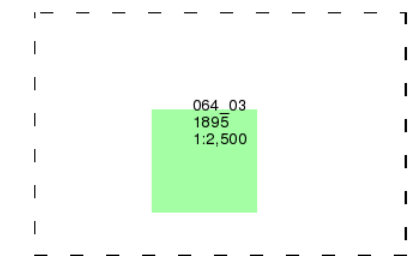
Stobswood Haul Road



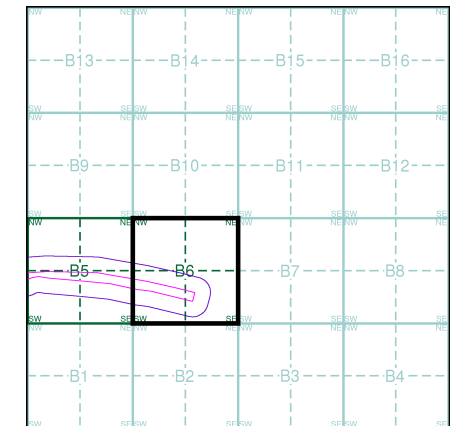


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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 B6

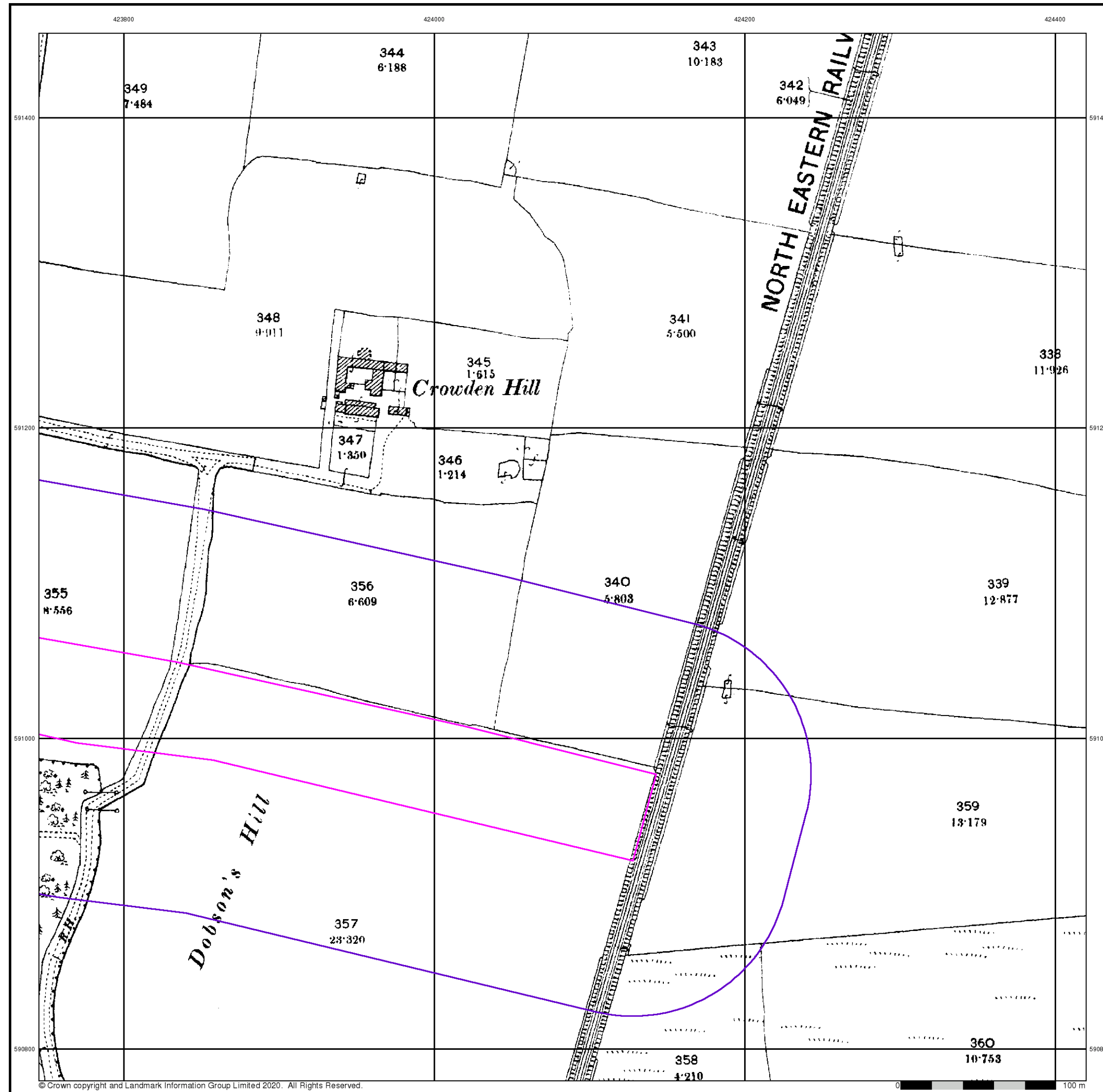


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Order Number: 264431527_1_1
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Site Details

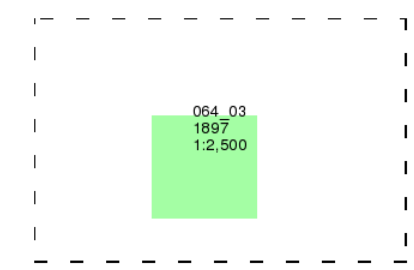
Stobswood Haul Road



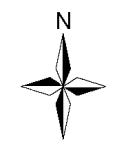
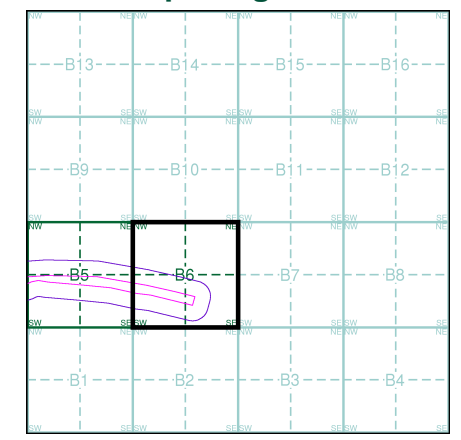
Northumberland
Published 1897
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

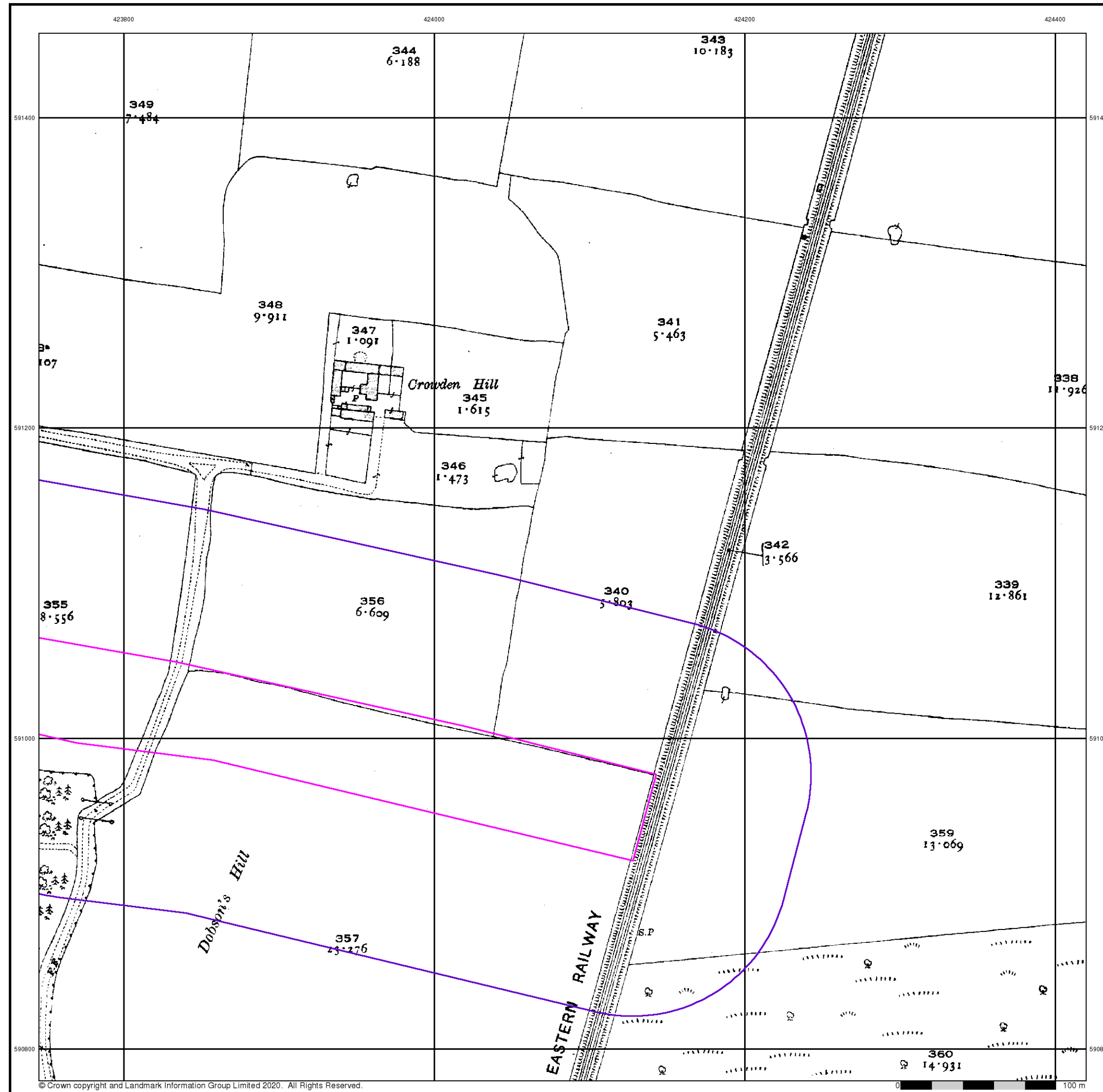


Historical Map - Segment B6



Order Details
 Order Number: 264431527_1_1
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 National Grid Reference: 423810, 591020
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 Site Area (Ha): 20.42
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Site Details
 Stobswood Haul Road



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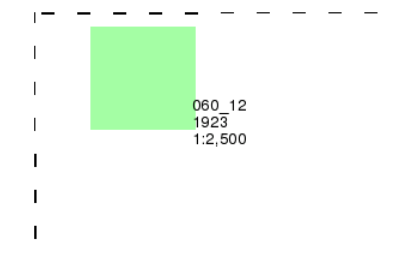
Northumberland

Published 1923

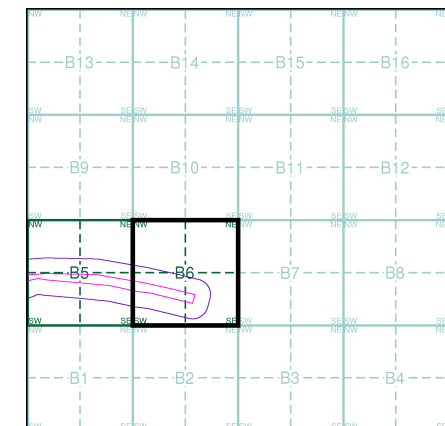
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B6



Order Details

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Site Details

Stobswood Haul Road

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

Ordnance Survey Plan

Published 1957

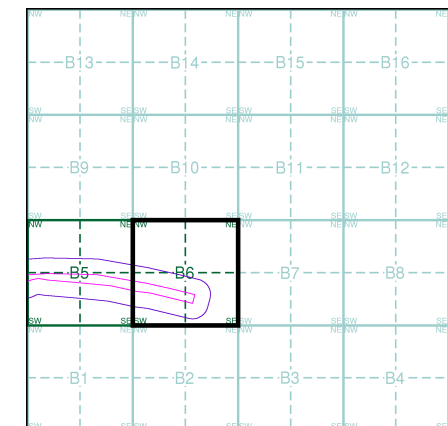
Source map scale - 1:2,500

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)

NZ2391 1957 1:2,500	NZ2491 1957 1:2,500
NZ2390 1957 1:2,500	NZ2490 1957 1:2,500

Historical Map - Segment B6

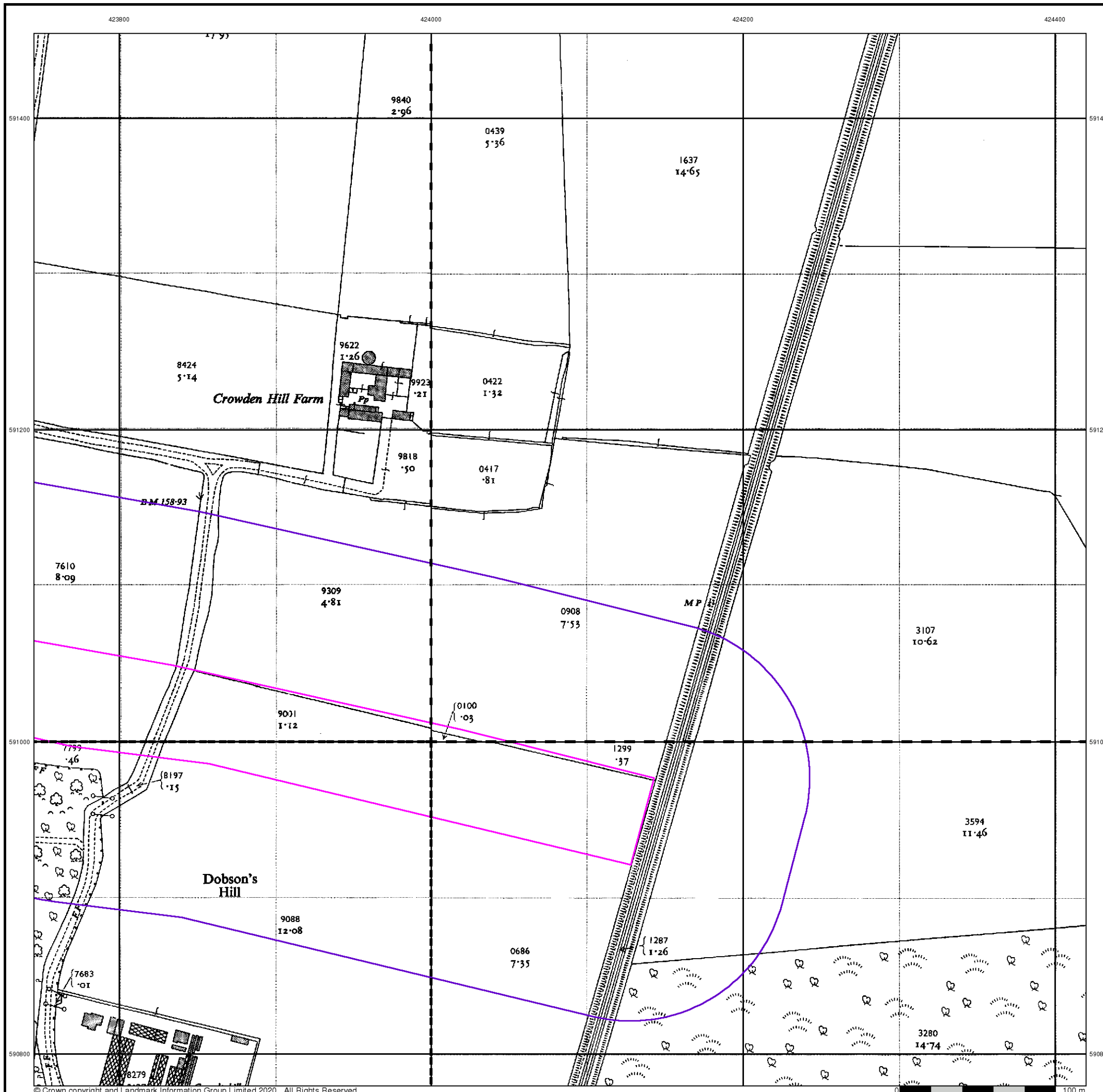


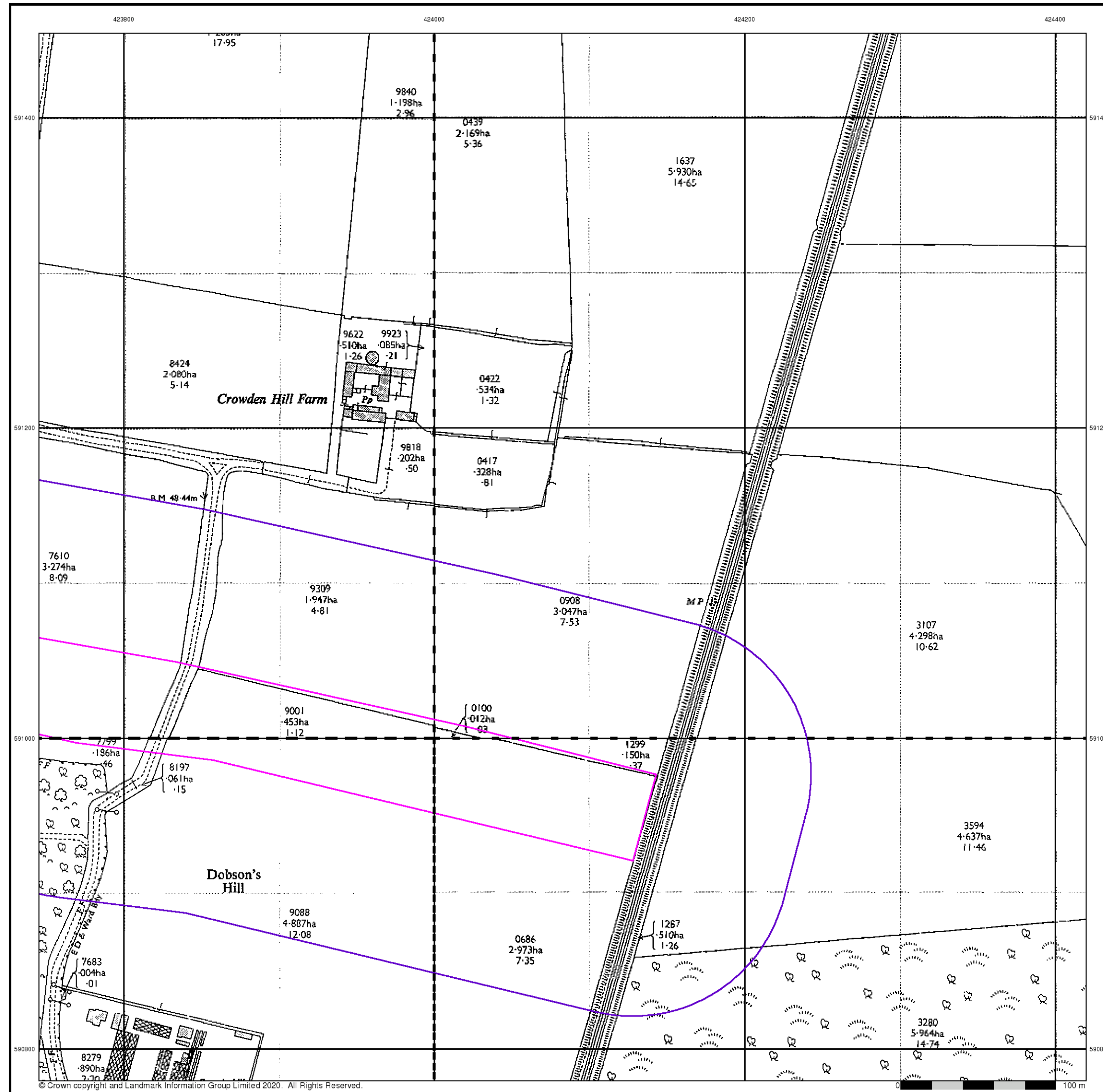
Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road





Additional SIMs

Published 1957

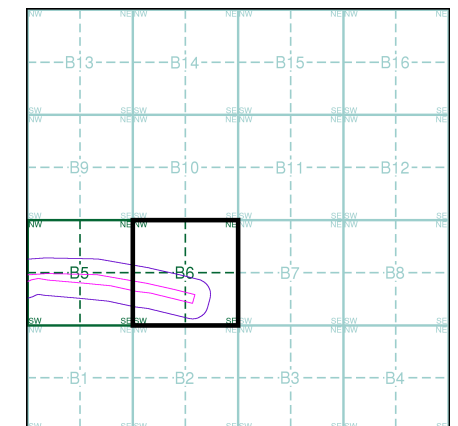
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2391 1957 12,500	NZ2491 1957 12,500
NZ2390 1957 12,500	NZ2490 1957 12,500

Historical Map - Segment B6



Order Details

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 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road

Additional SIMs

Published 1984 - 1990

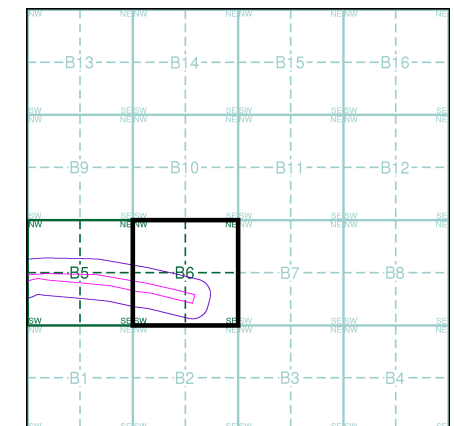
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2391 1985 1:2,500	NZ2491 1985 1:2,500
NZ2390 1990 1:2,500	NZ2490 1984 1:2,500

Historical Map - Segment B6

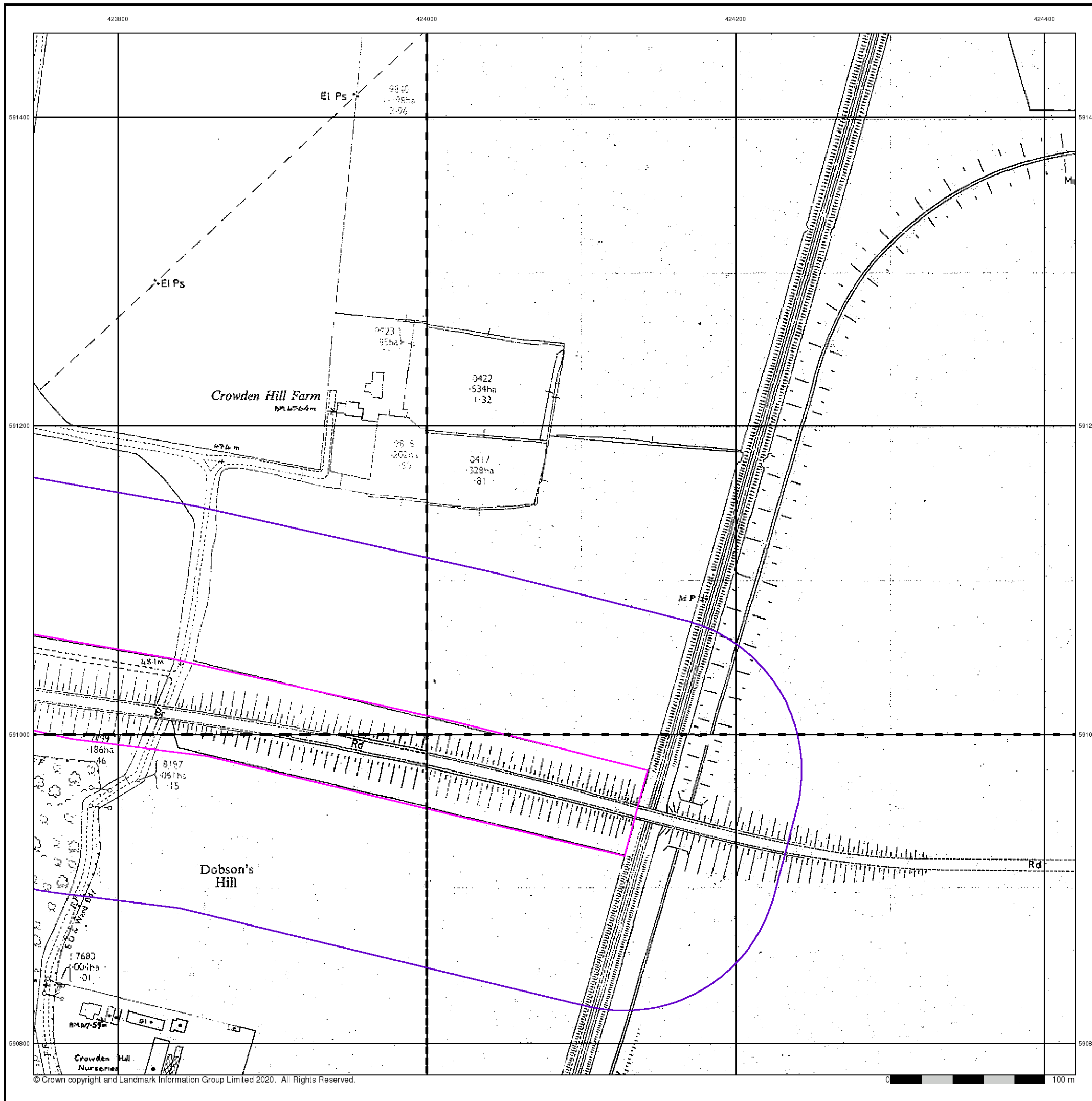


Order Details

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 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



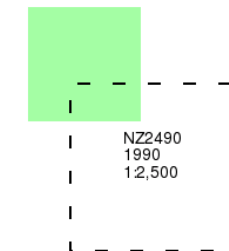
Ordnance Survey Plan

Published 1990

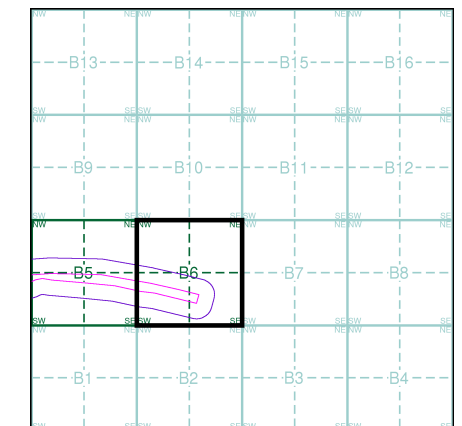
Source map scale - 1:2,500

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 B6

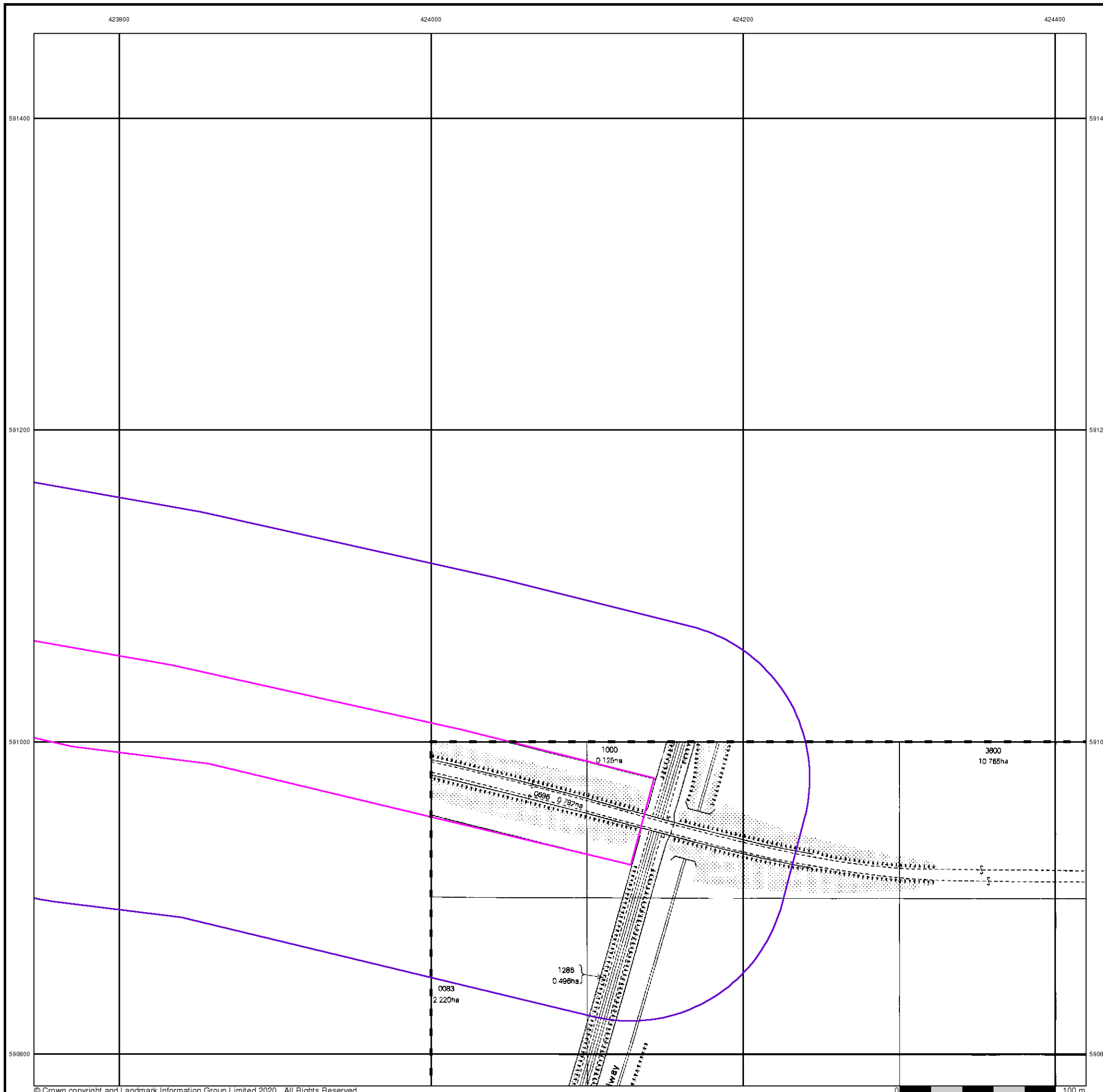


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



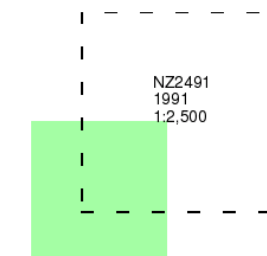
Additional SIMs

Published 1991

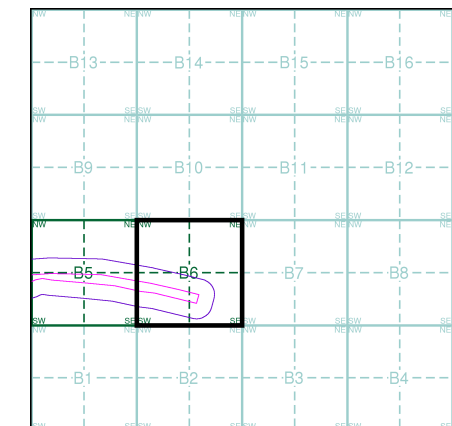
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B6

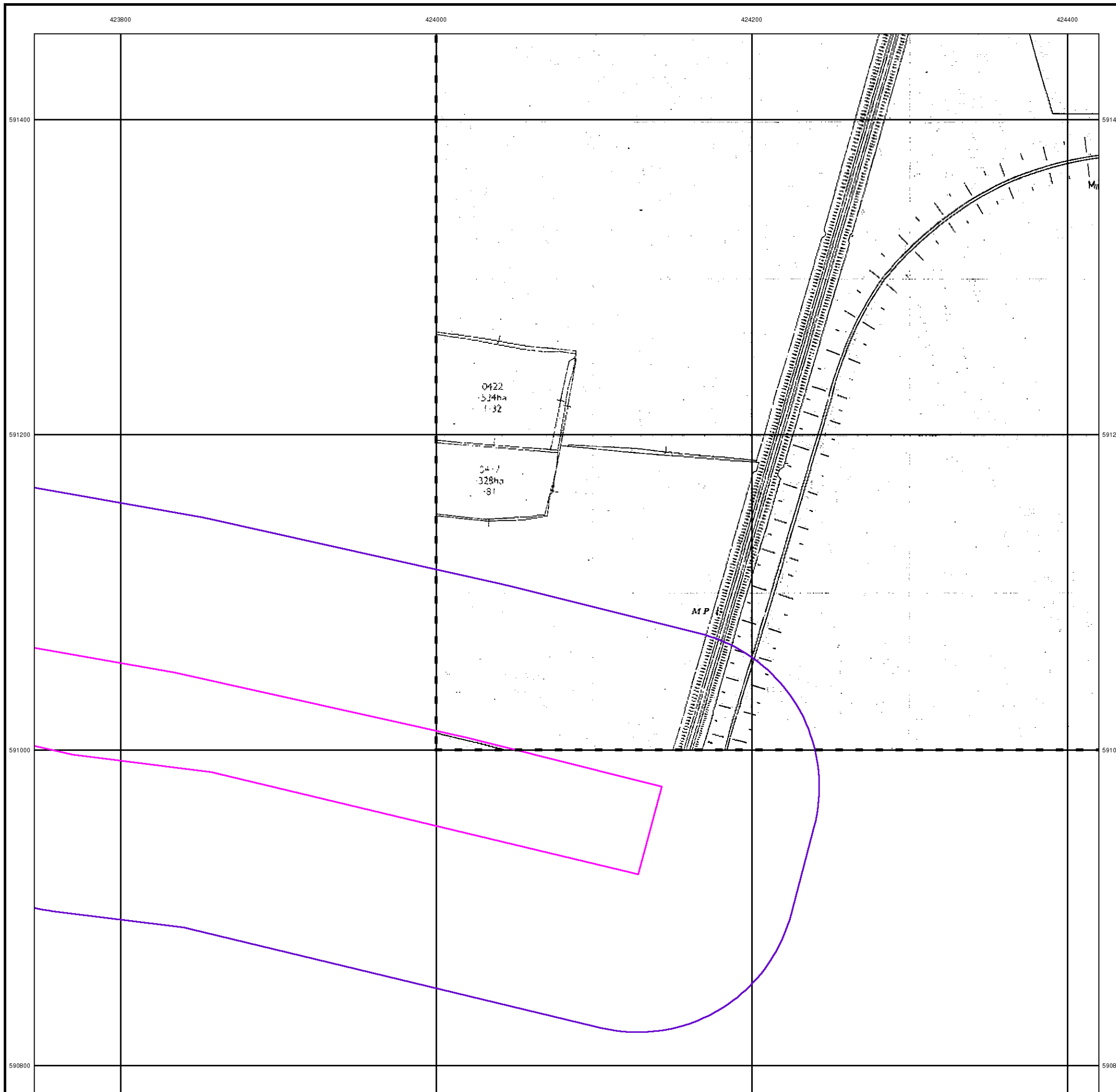


Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 423810, 591020
Slice: B
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road





Large-Scale National Grid Data

Published 1994

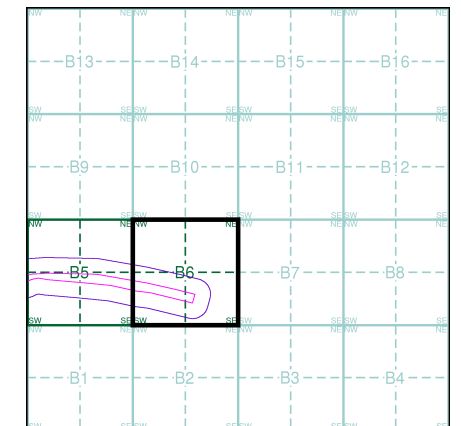
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2391 1994 1:2,500	NZ2491 1994 1:2,500
NZ2390 1994 1:2,500	NZ2490 1994 1:2,500

Historical Map - Segment B6



Order Details

Order Number: 264431527_1_1
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 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road

Historical Mapping Legends

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

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

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

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

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

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

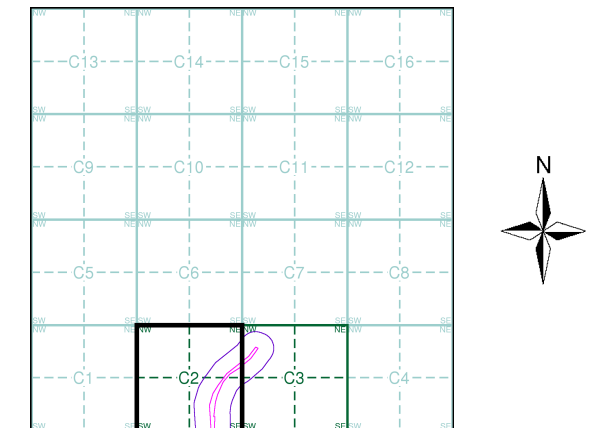
Envirocheck®

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	1923	5
Ordnance Survey Plan	1:2,500	1957	6
Ordnance Survey Plan	1:2,500	1967	7
Additional SIMs	1:2,500	1989 - 1990	8
Large-Scale National Grid Data	1:2,500	1994	9

Historical Map - Segment C2



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road

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

421200

421400

421600

593400

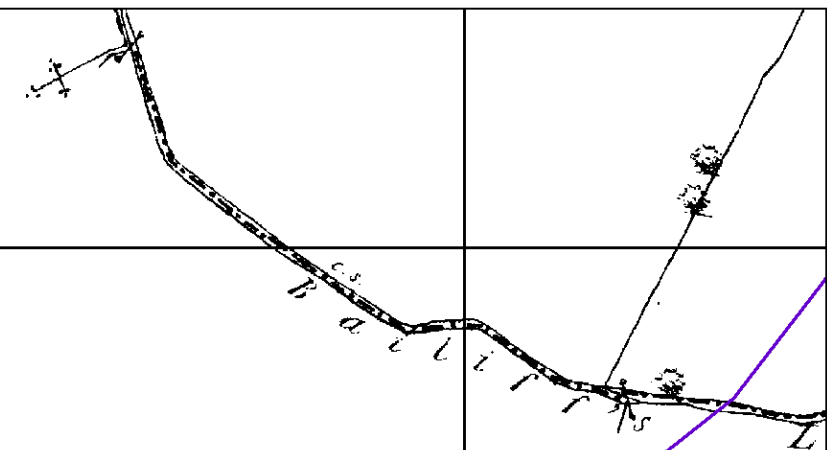
593400

593200

593200

593000

593000



B O T H A L

T R I T L I N G T O A

Envirocheck®

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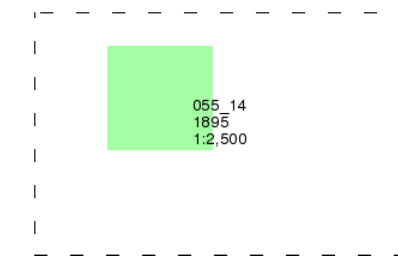
Northumberland

Published 1895

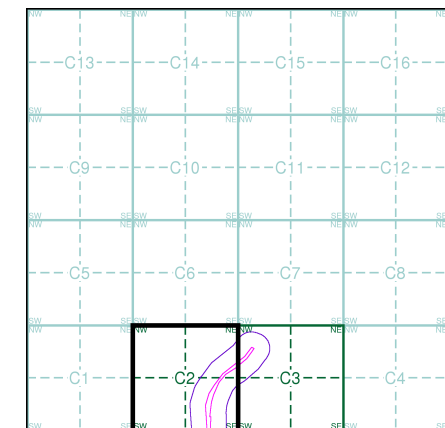
Source map scale - 1:2,500

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 C2



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road

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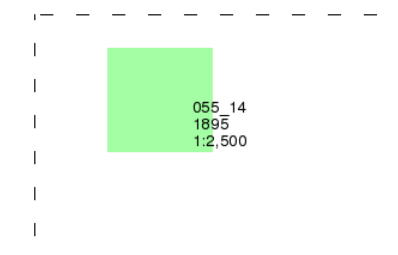
Northumberland

Published 1895

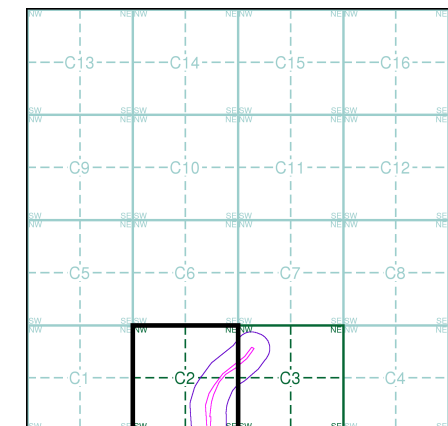
Source map scale - 1:2,500

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 C2

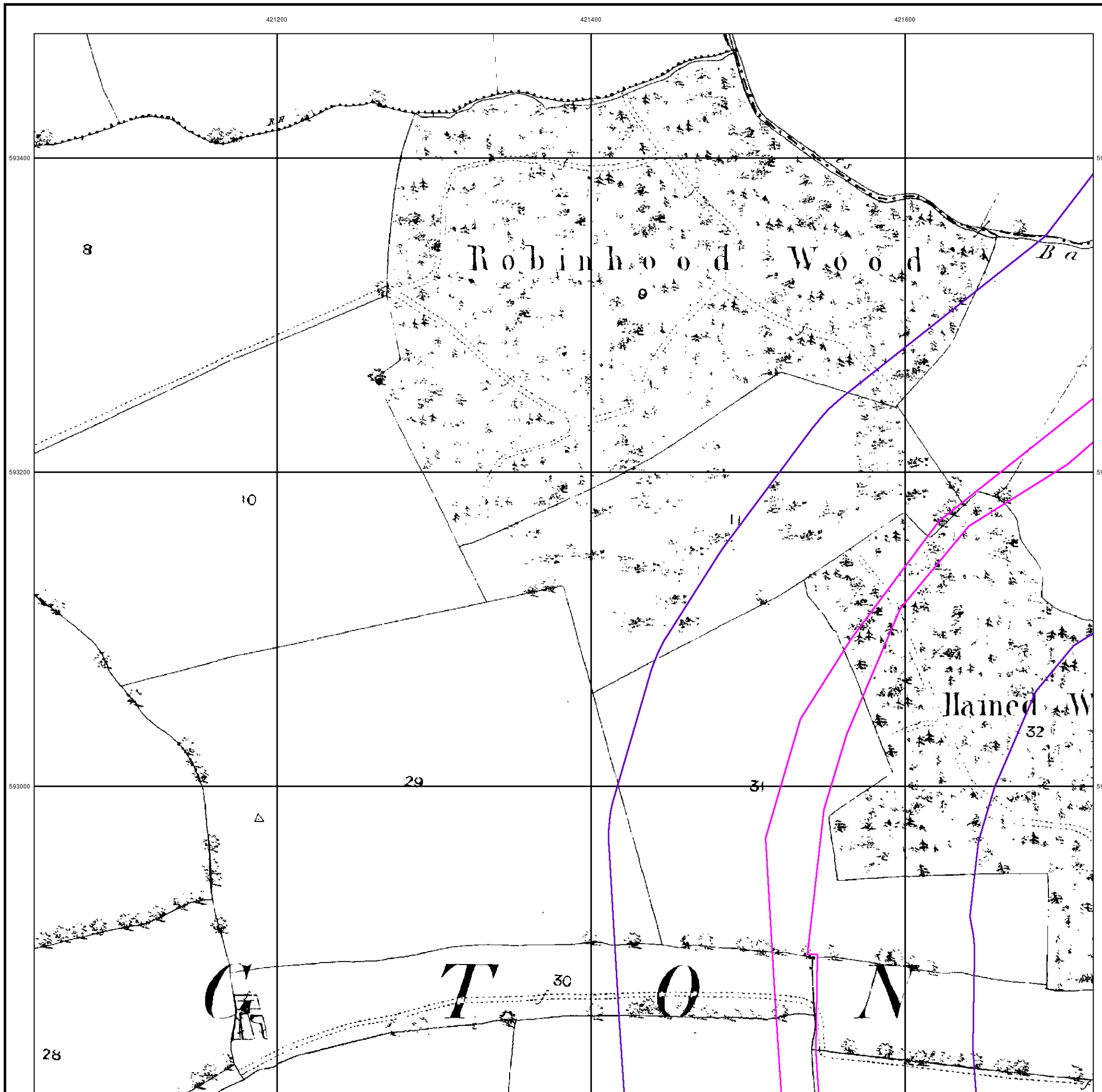


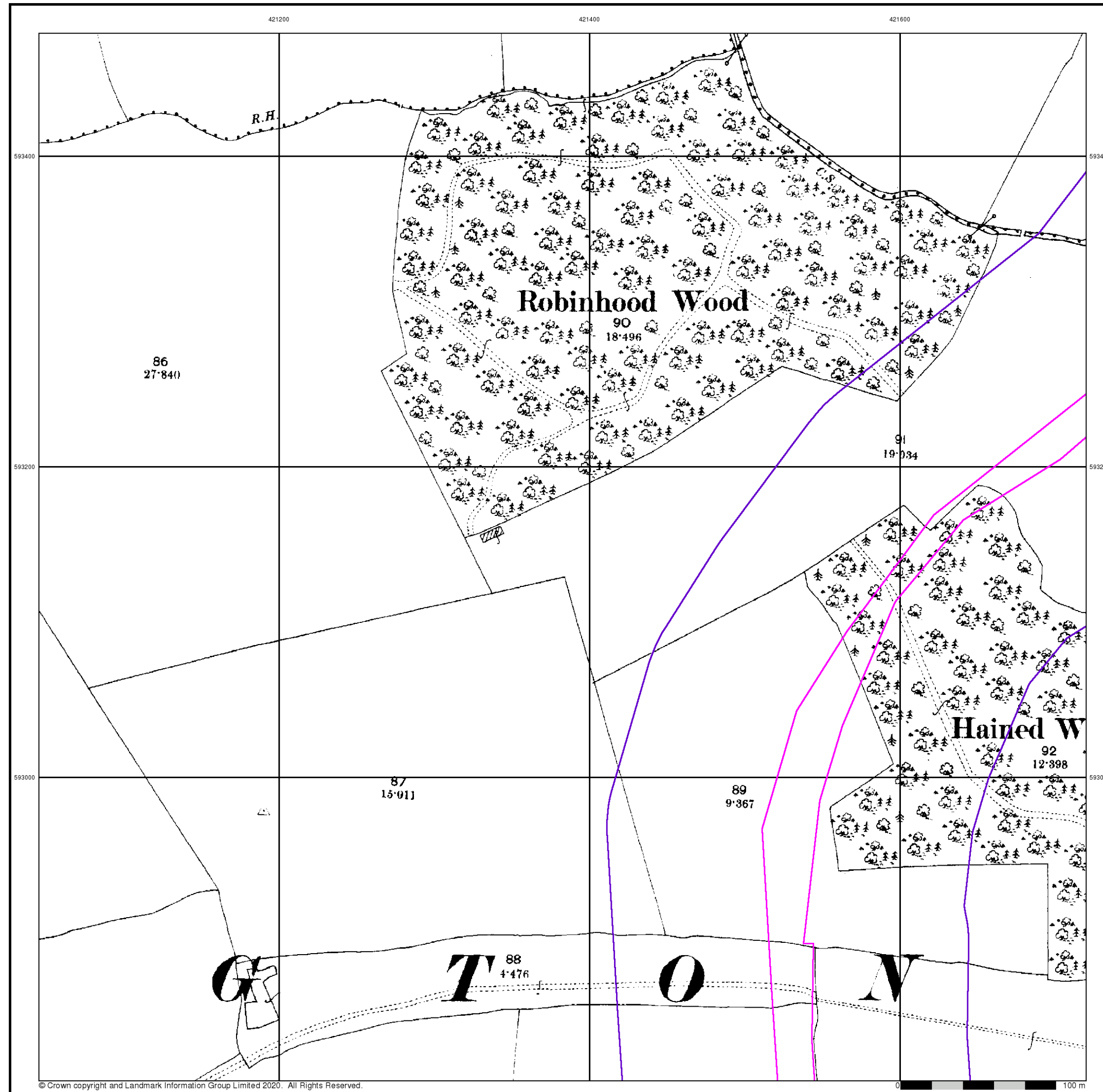
Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 421690, 593270
Slice: C
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road





Northumberland
Published 1897
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

055_14
1897
1:2,500

Historical Map - Segment C2

Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

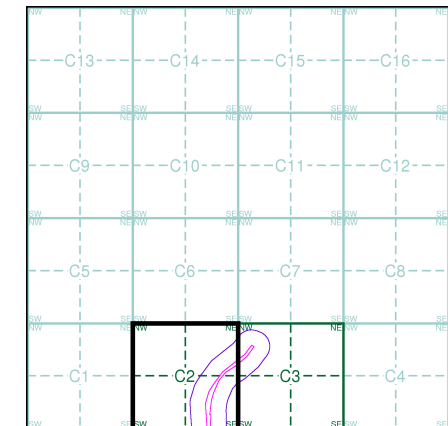
Site Details
 Stobswood Haul Road

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)

060_03	1923	1:2,500
060_07	1923	1:2,500

Historical Map - Segment C2

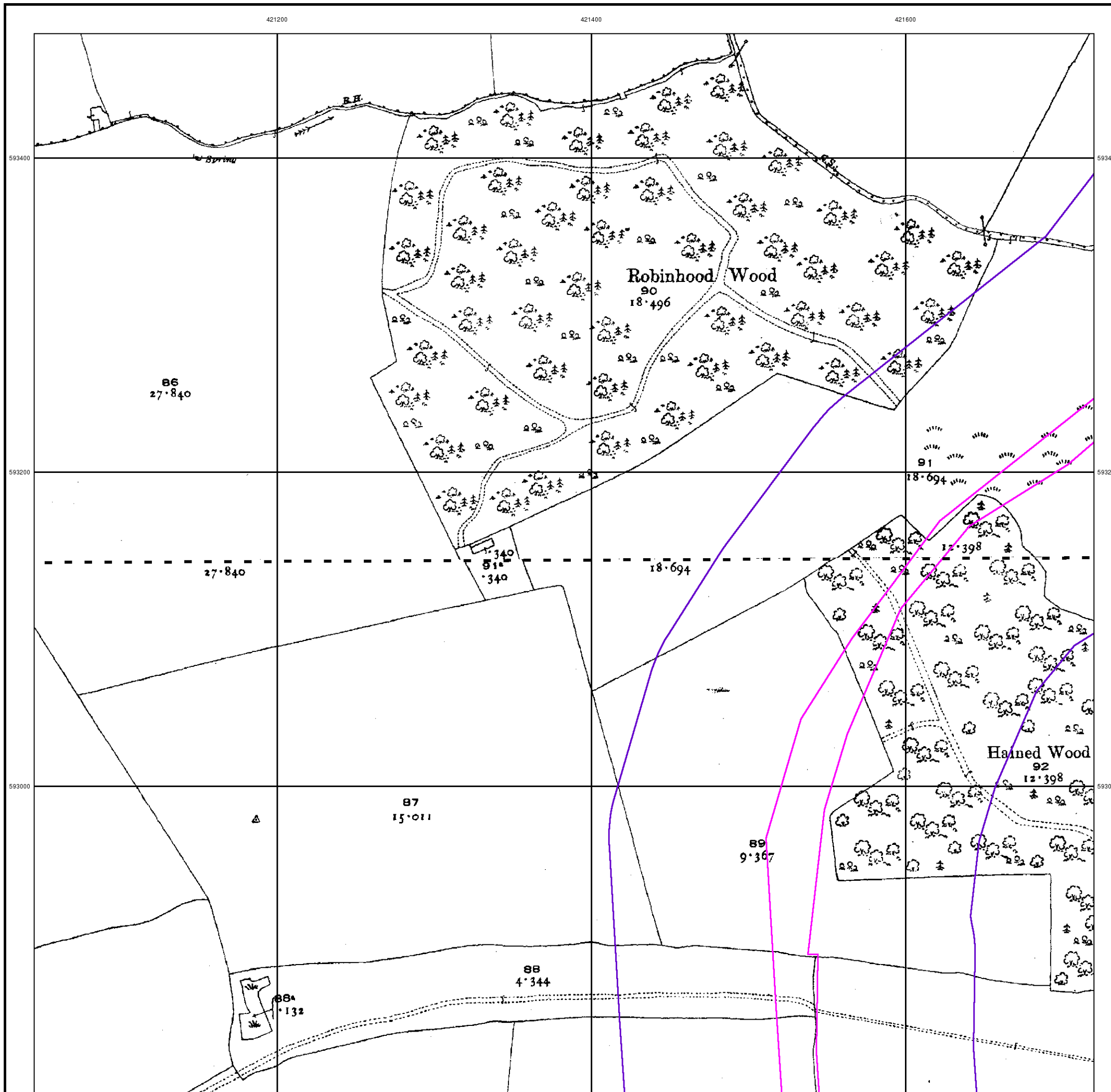


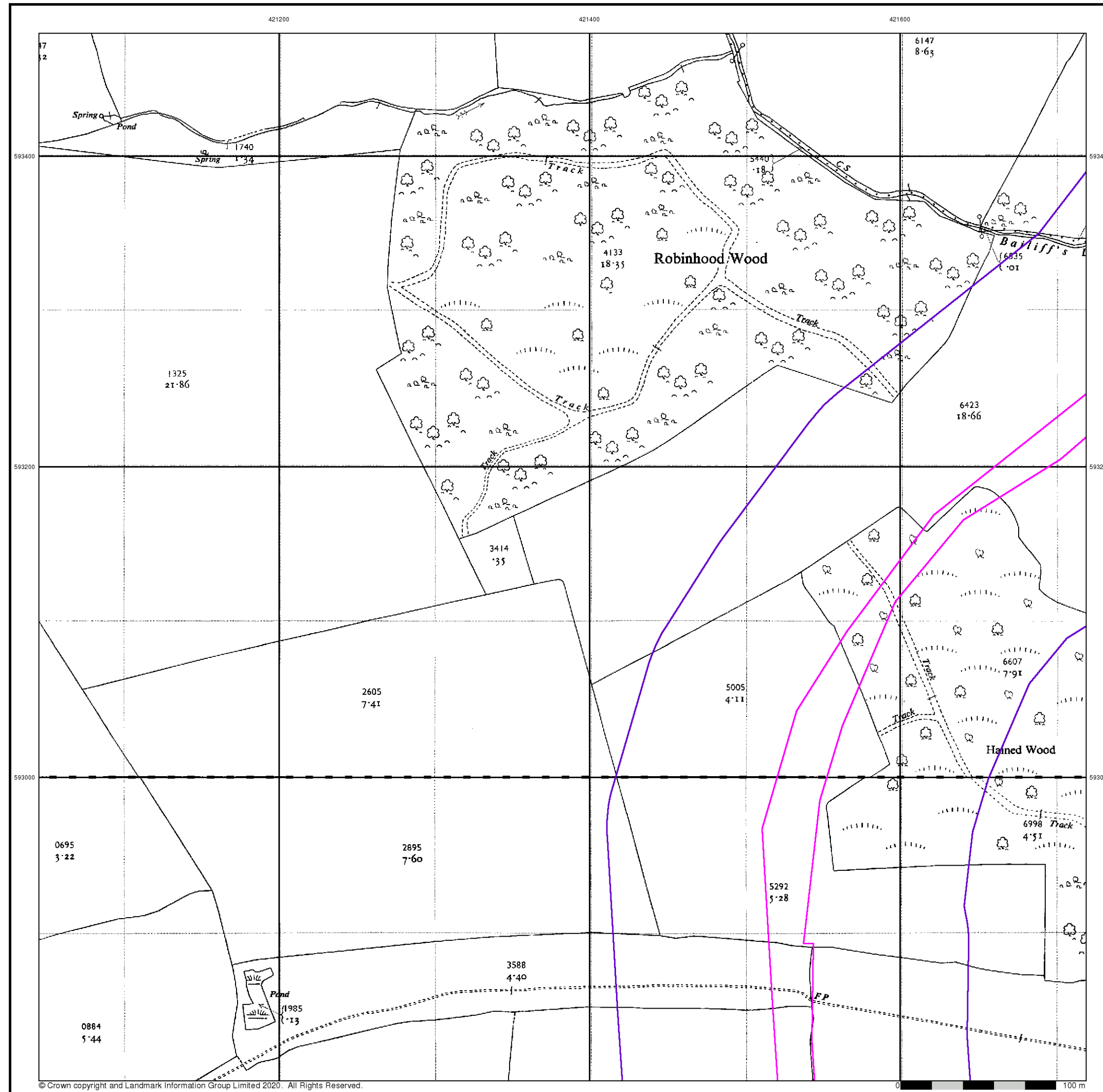
Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road





Ordnance Survey Plan

Published 1957

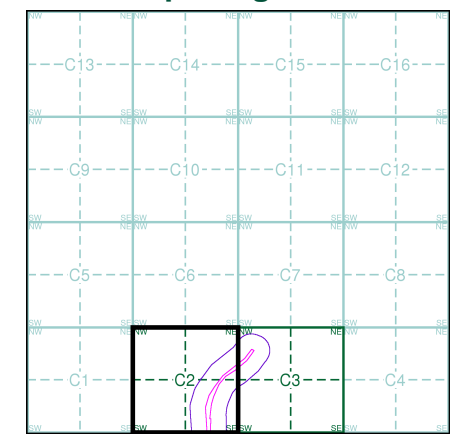
Source map scale - 1:2,500

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)

NZ2193	1957	1:2,500
NZ2192	1957	1:2,500

Historical Map - Segment C2



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road

Ordnance Survey Plan

Published 1967

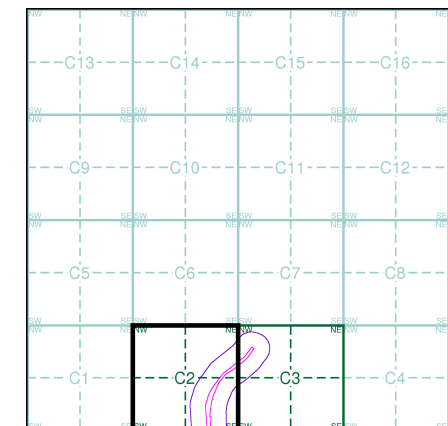
Source map scale - 1:2,500

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)

NZ2193	1967	1:2,500
NZ2192	1967	1:2,500

Historical Map - Segment C2

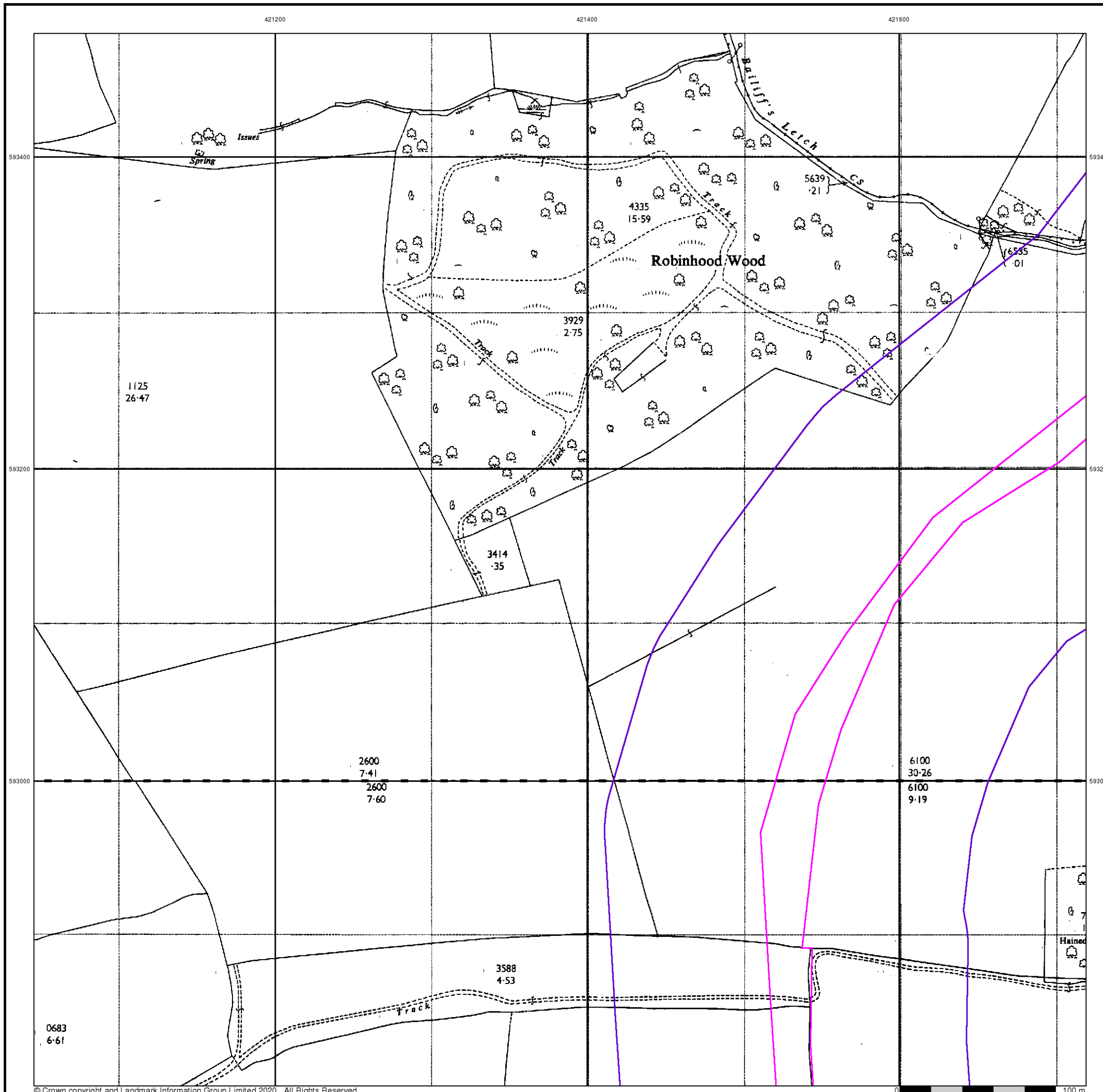


Order Details

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 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road





Additional SIMs

Published 1989 - 1990

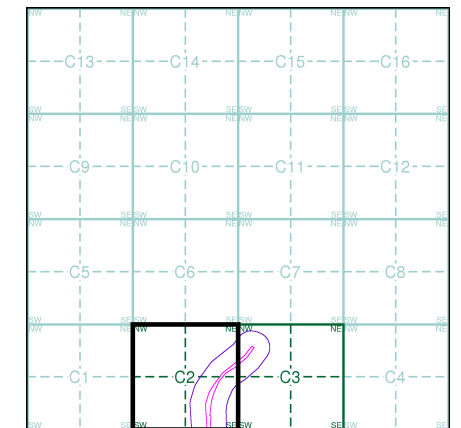
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2193	1989	1:2,500
NZ2192	1990	1:2,500

Historical Map - Segment C2



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road

Large-Scale National Grid Data

Published 1994

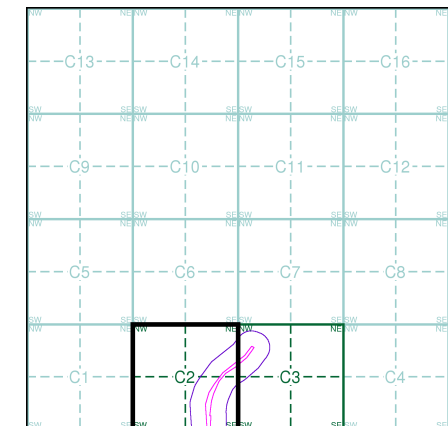
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2193	1994	1:2,500
NZ2192	1994	1:2,500

Historical Map - Segment C2



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Historical Mapping Legends

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

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

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
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Admin. County or County Bor. Boundary
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Symbol marking point where boundary mereing changes
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BP, BS Boundary Post or Stone **PO** Post Office
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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)
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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

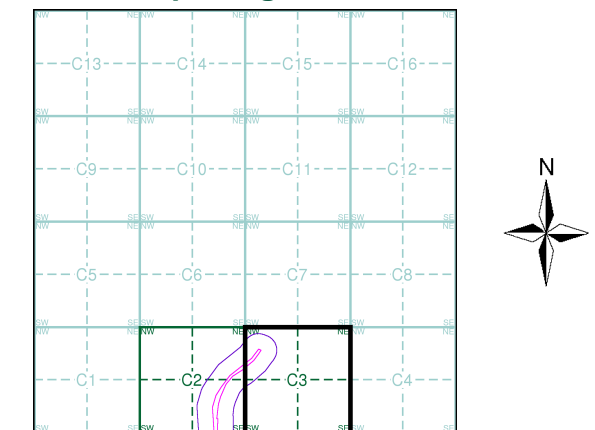
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LANDMARK INFORMATION GROUP®

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	1923	5
Ordnance Survey Plan	1:2,500	1957	6
Additional SIMs	1:2,500	1957 - 1990	7
Ordnance Survey Plan	1:2,500	1967	8
Additional SIMs	1:2,500	1984 - 1987	9
Additional SIMs	1:2,500	1990 - 1991	10
Large-Scale National Grid Data	1:2,500	1994	11

Historical Map - Segment C3



Order Details

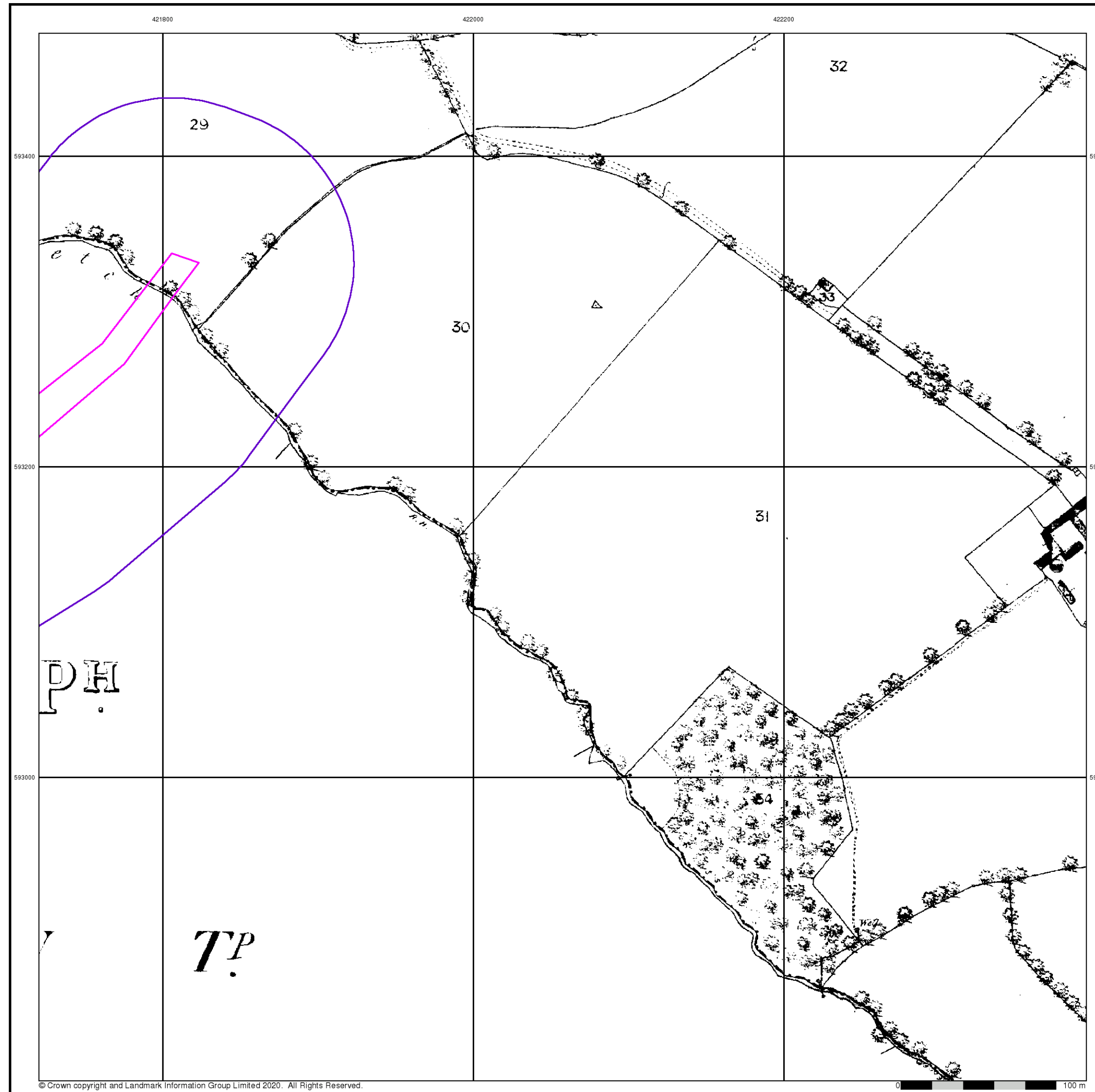
Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road

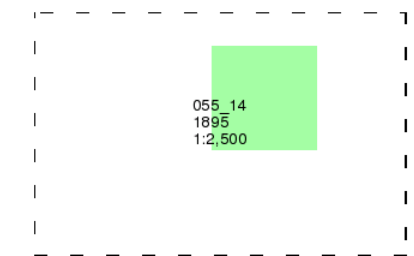
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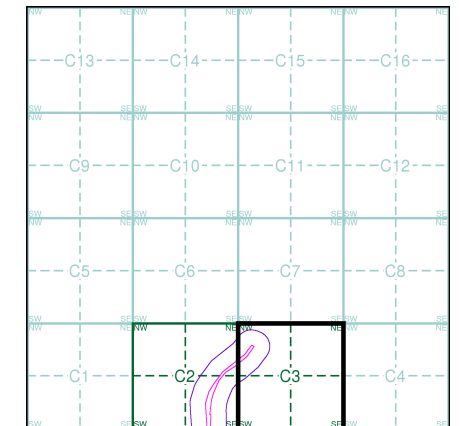


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment C3



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road

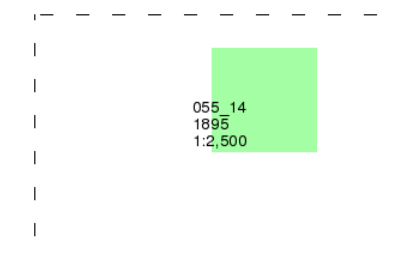
Northumberland

Published 1895

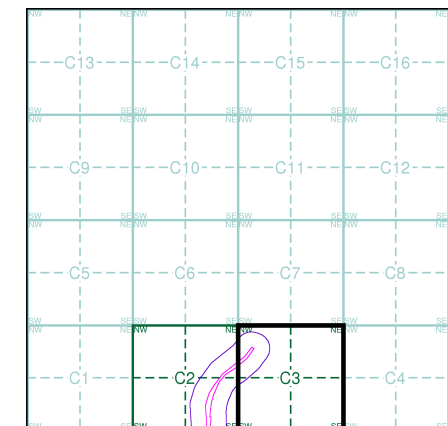
Source map scale - 1:2,500

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 C3

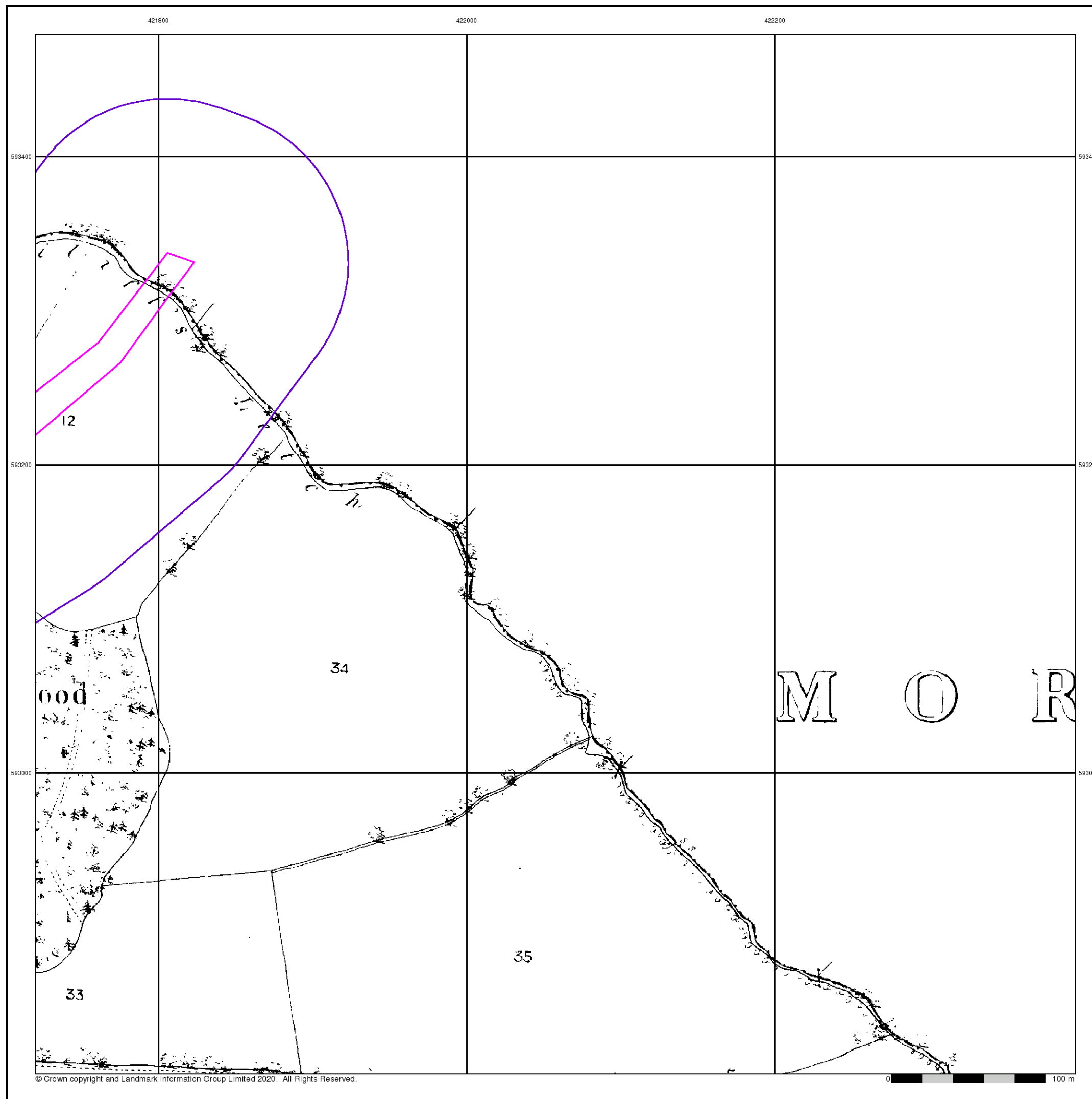


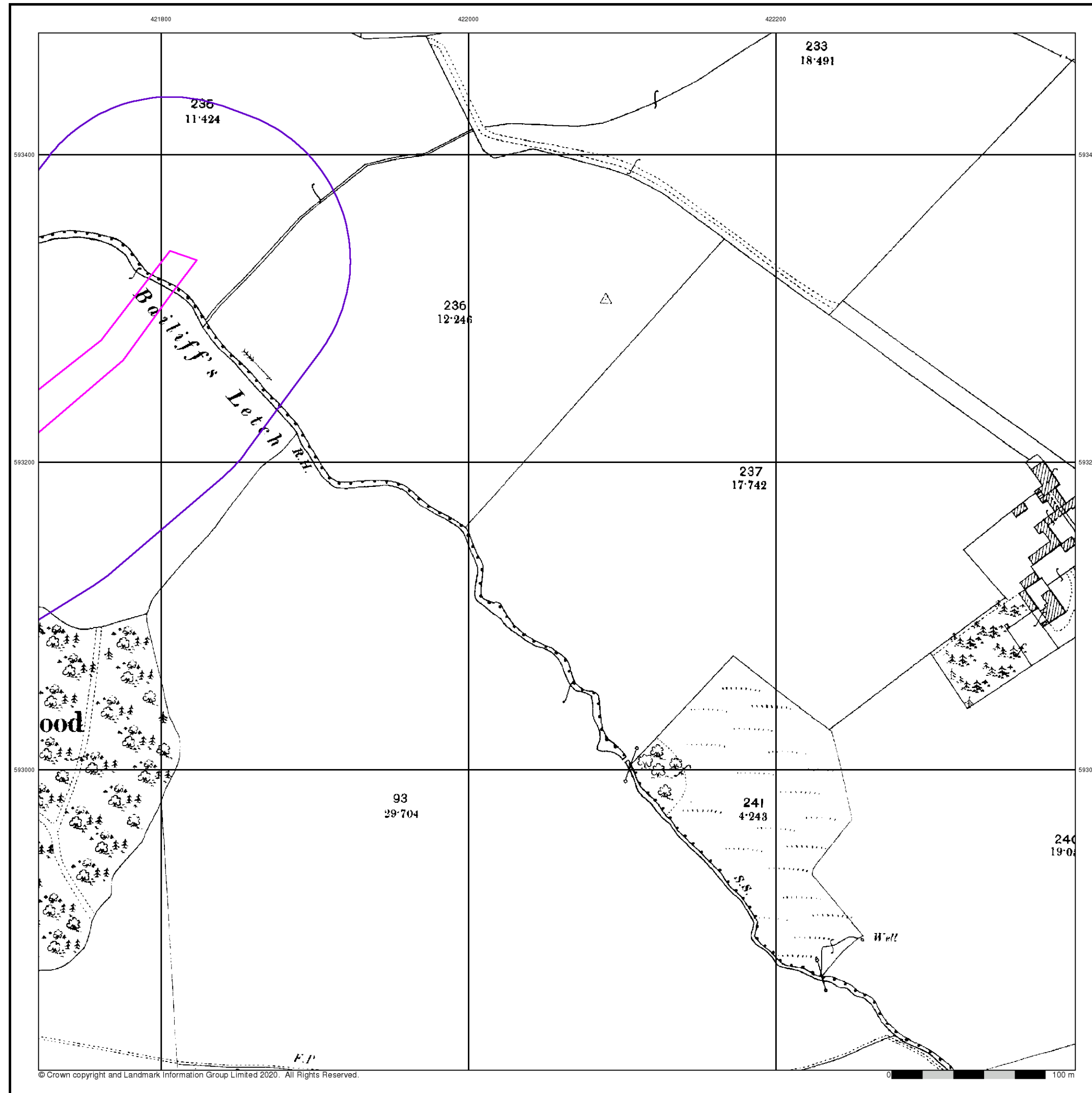
Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 421690, 593270
Slice: C
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road





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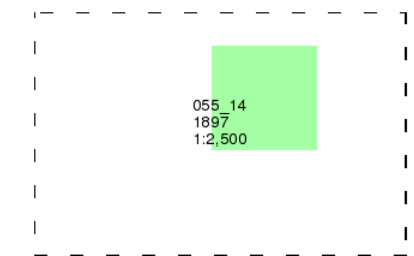
Northumberland

Published 1897

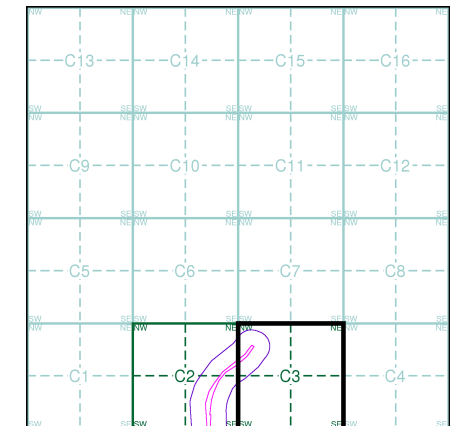
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment C3



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road

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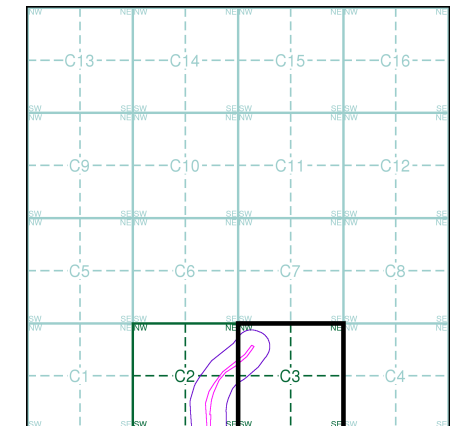
Tel: 0844 844 9952
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

060_03	1923	1:2,500
060_07	1923	1:2,500

Historical Map - Segment C3

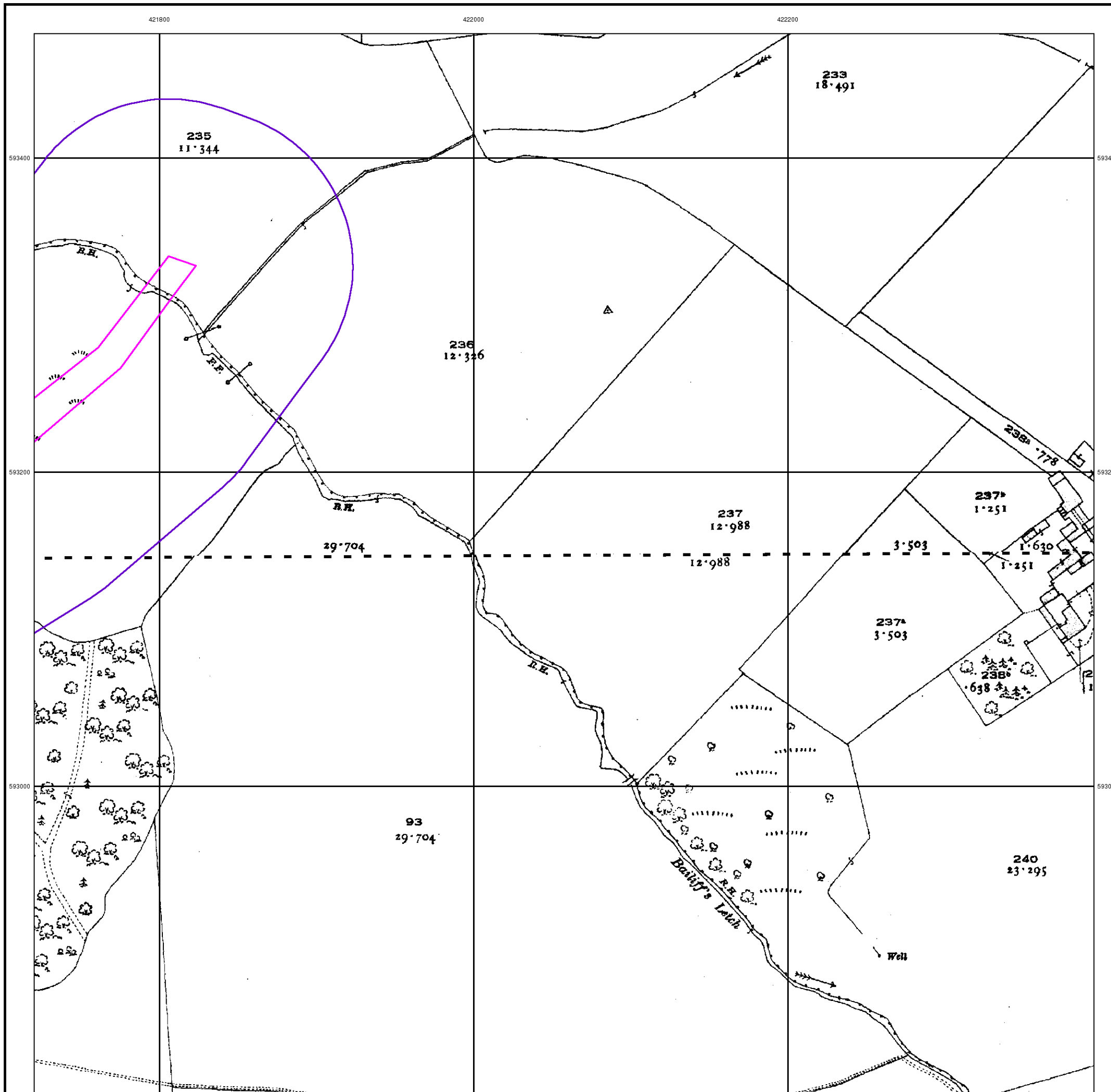


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Ordnance Survey Plan

Published 1957

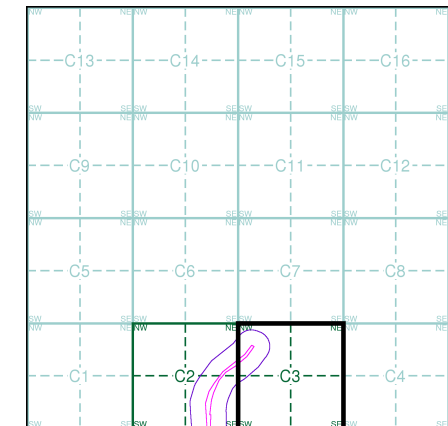
Source map scale - 1:2,500

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)

NZ2193 1957 1:2,500	NZ2293 1957 1:2,500
NZ2192 1957 1:2,500	NZ2292 1957 1:2,500

Historical Map - Segment C3

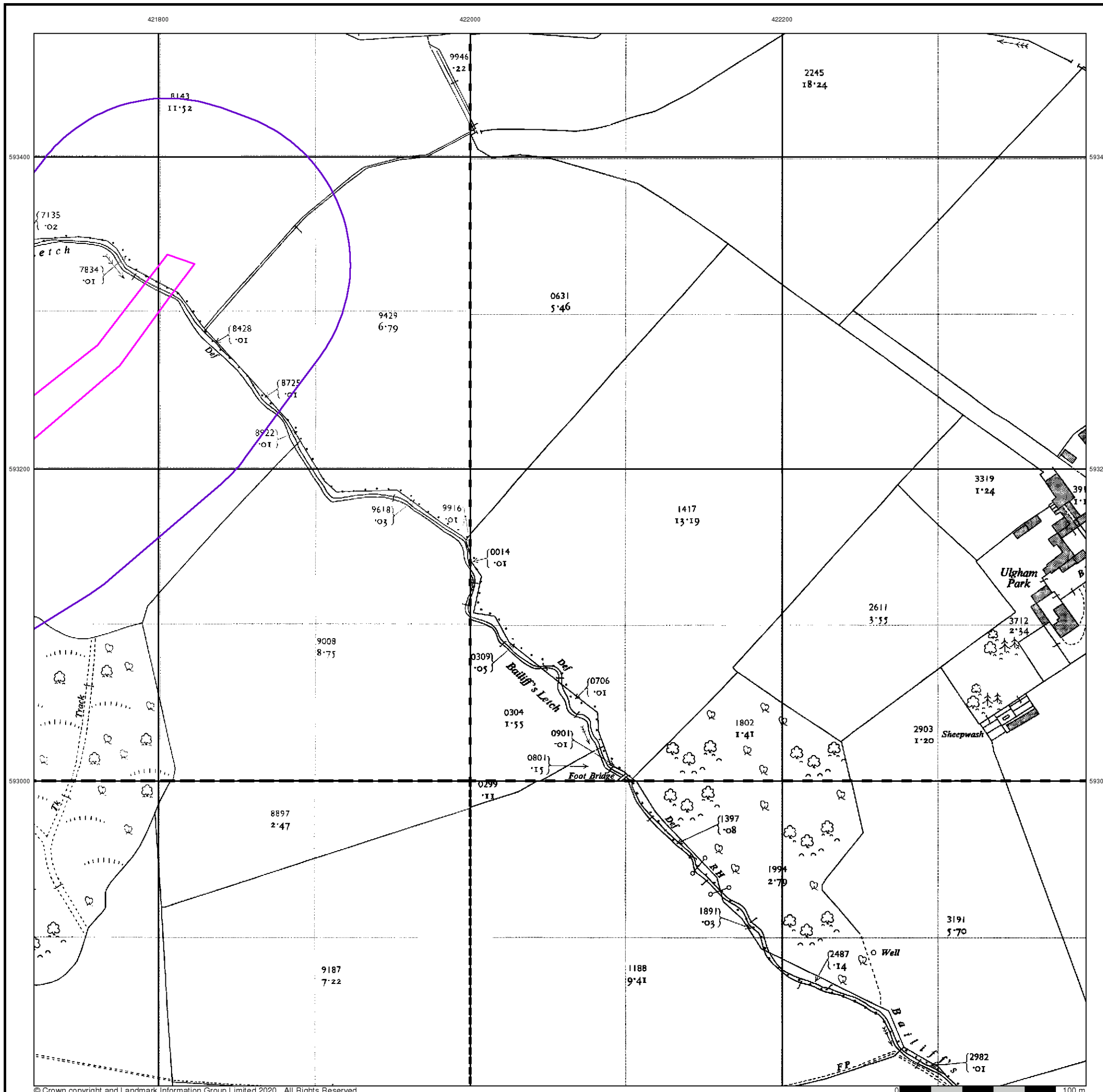


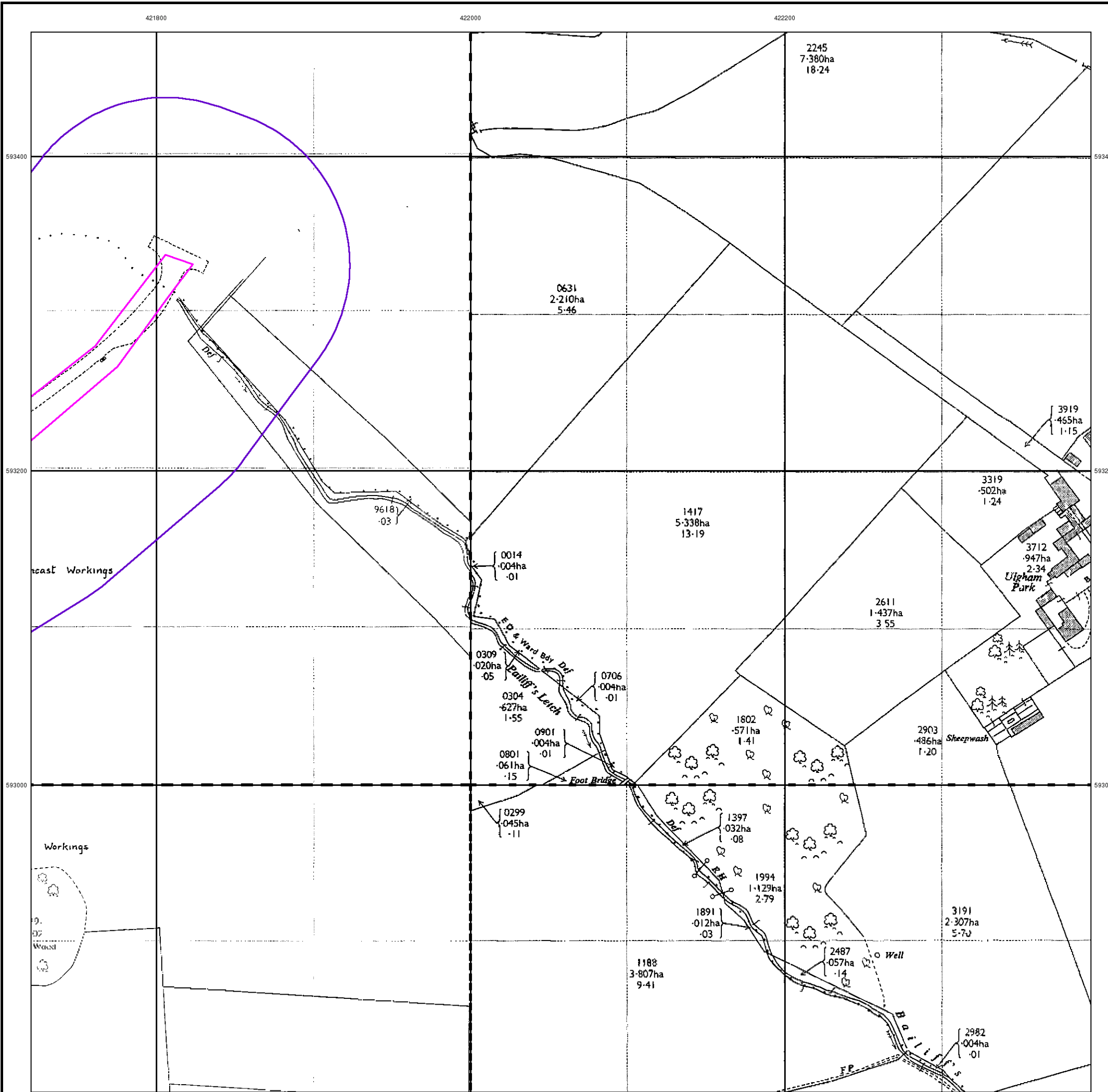
Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road





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Additional SIMs

Published 1957 - 1990

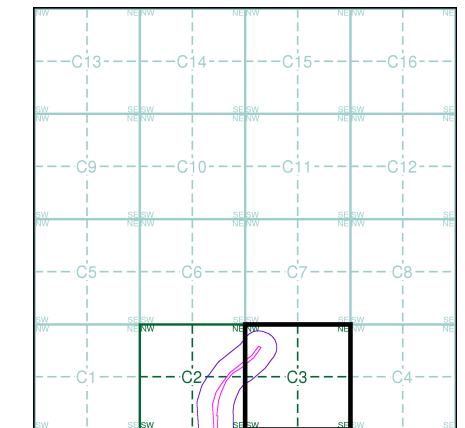
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2193 1989 1:2,500	NZ2293 1957 1:2,500
NZ2192 1990 1:2,500	NZ2292 1957 1:2,500

Historical Map - Segment C3



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
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 Search Buffer (m): 100

Site Details

Stobswood Haul Road

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Ordnance Survey Plan

Published 1967

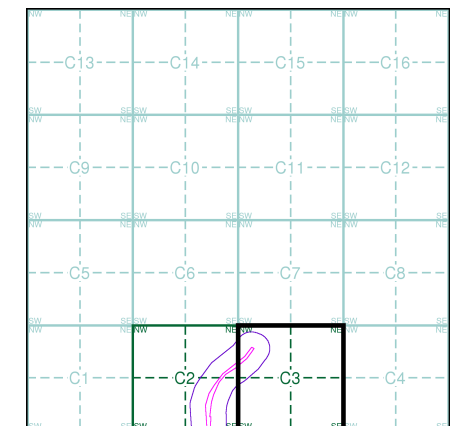
Source map scale - 1:2,500

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)

NZ2193	1967	1:2,500
NZ2192	1967	1:2,500

Historical Map - Segment C3

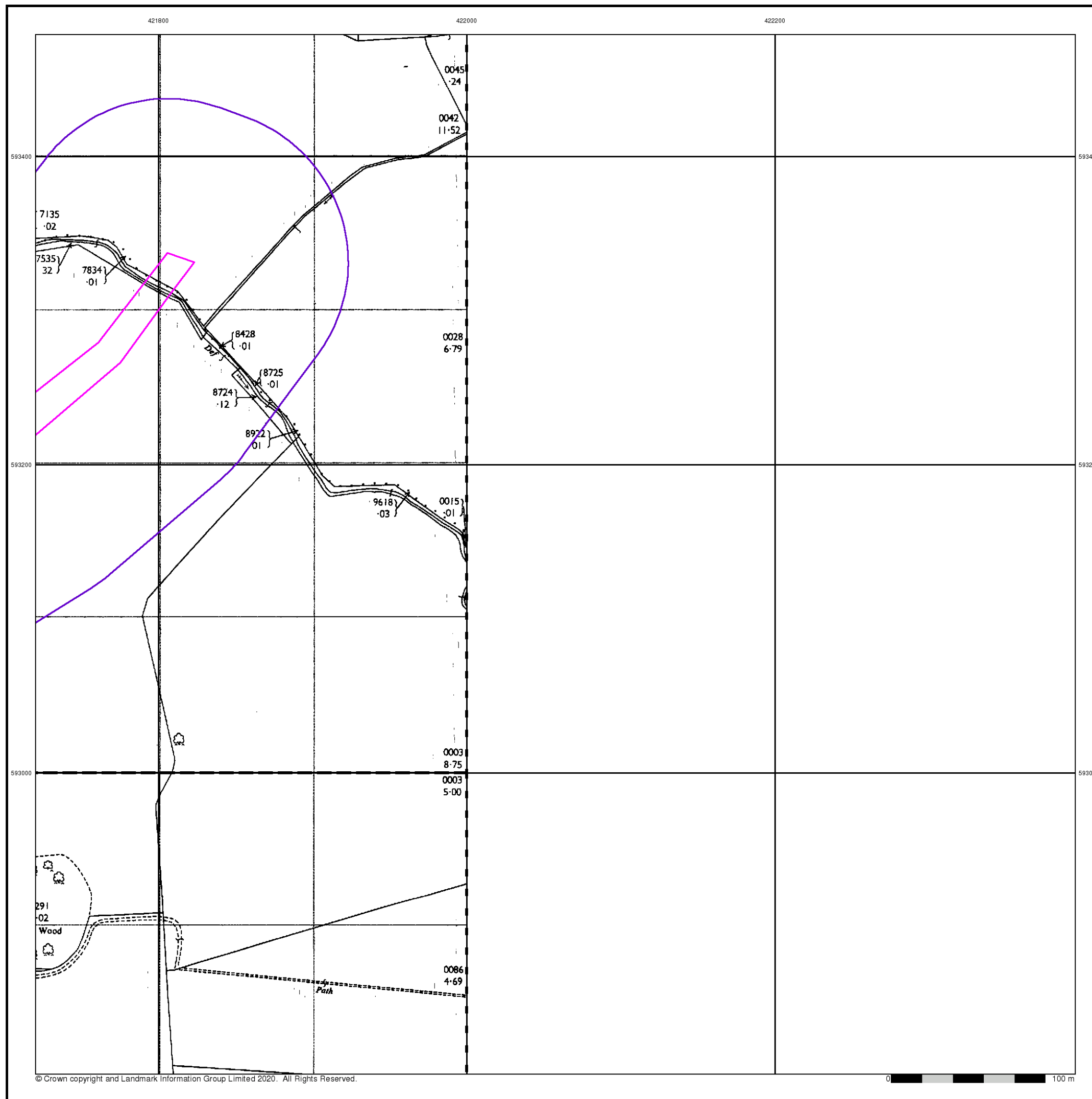


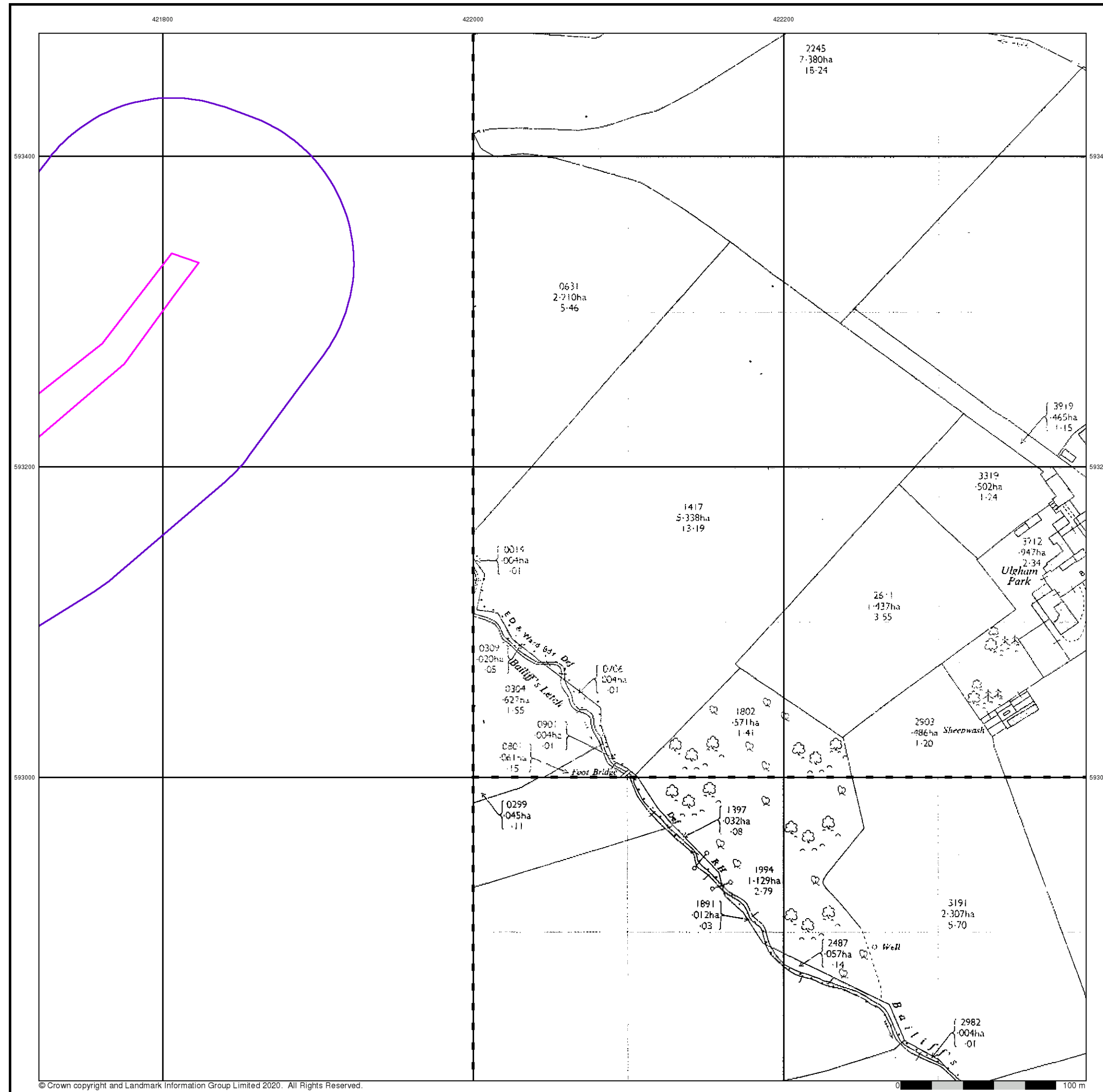
Order Details

Order Number: 264431527_1_1
Customer Ref: 3865
National Grid Reference: 421690, 593270
Slice: C
Site Area (Ha): 20.42
Search Buffer (m): 100

Site Details

Stobswood Haul Road





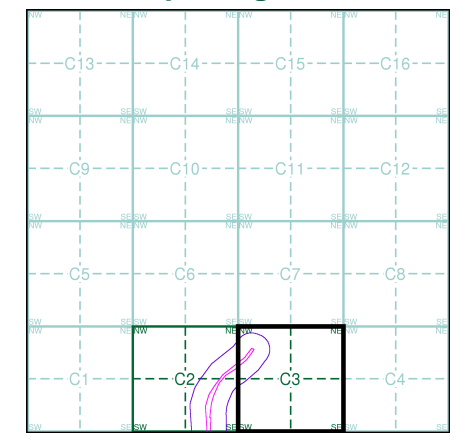
Additional SIMs
Published 1984 - 1987
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2293	1984	1:2,500
NZ2292	1987	1:2,500

Historical Map - Segment C3



Order Details
 Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details
 Stobswood Haul Road

Additional SIMs

Published 1990 - 1991

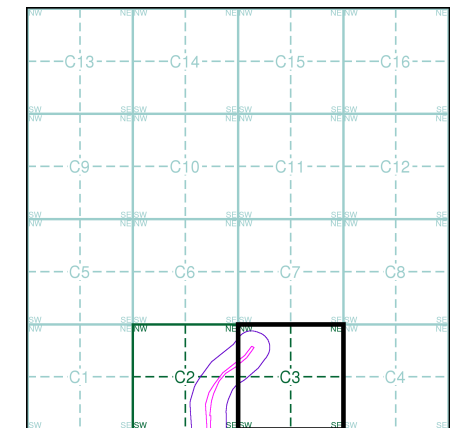
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2293	1990	1:2,500
NZ2292	1991	1:2,500

Historical Map - Segment C3



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



Large-Scale National Grid Data

Published 1994

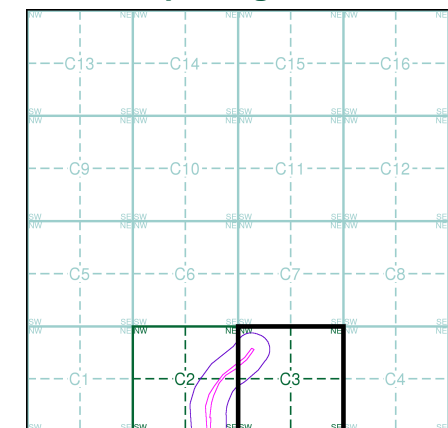
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

NZ2193 1994 1:2,500	NZ2293 1994 1:2,500
NZ2192 1994 1:2,500	NZ2292 1994 1:2,500

Historical Map - Segment C3

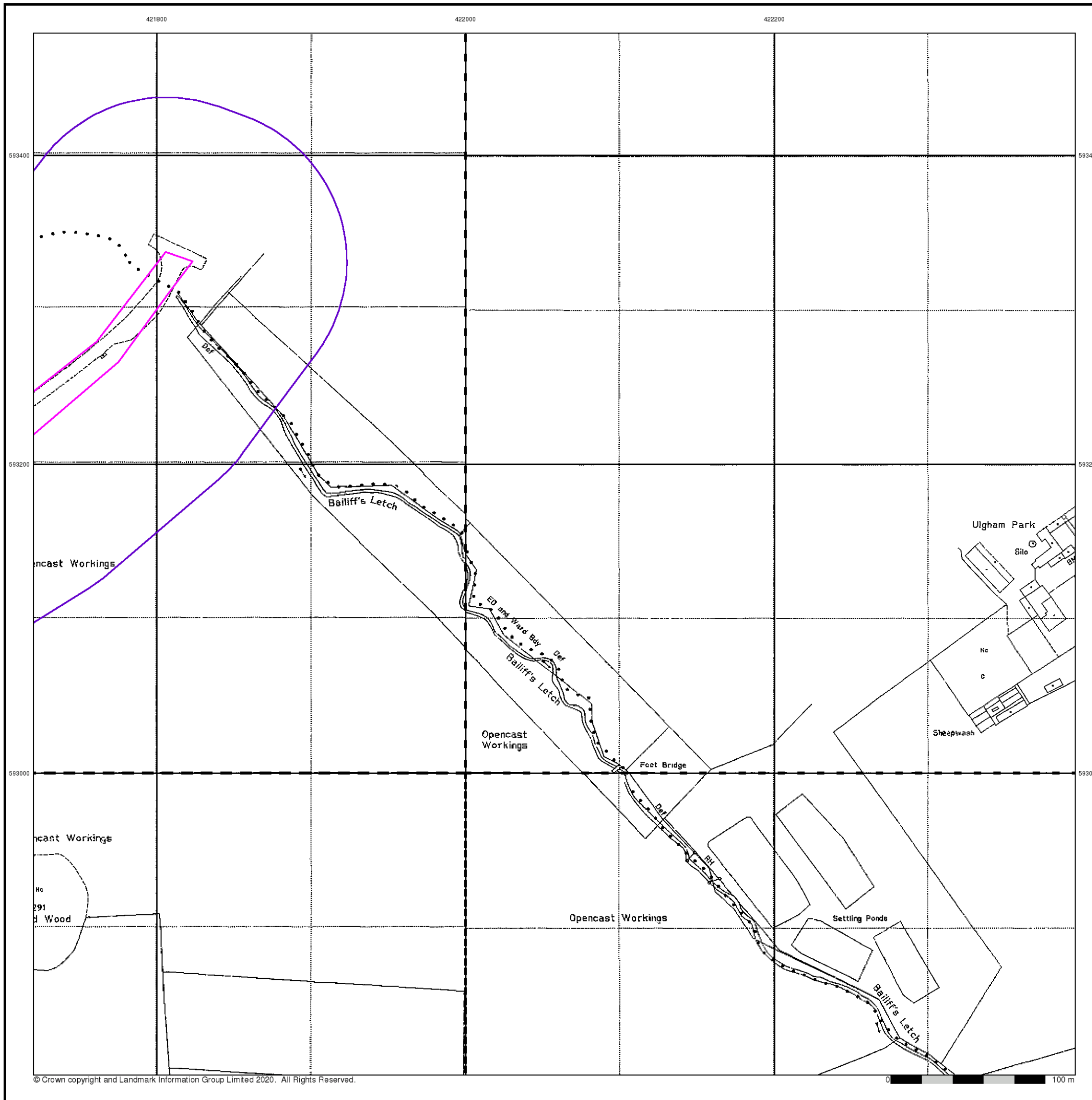


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 100

Site Details

Stobswood Haul Road



APPENDIX 5

ENVIROCHECK REPORT

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

264431527_1_1

Customer Reference:

3865

National Grid Reference:

421830, 591520

Slice:

A

Site Area (Ha):

20.42

Search Buffer (m):

500

Site Details:

Stobswood Haul Road

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	16
Hazardous Substances	-
Geological	17
Industrial Land Use	-
Sensitive Land Use	20
Data Currency	21
Data Suppliers	25
Useful Contacts	26

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 (*up to 1000m)
Agency & Hydrological				
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes
Contaminated Land Register Entries and Notices				
Discharge Consents				
Prosecutions Relating to Controlled Waters			n/a	n/a
Enforcement and Prohibition Notices				
Integrated Pollution Controls				
Integrated Pollution Prevention And Control				
Local Authority Integrated Pollution Prevention And Control				
Local Authority Pollution Prevention and Controls				
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature	pg 6	Yes		
Pollution Incidents to Controlled Waters				
Prosecutions Relating to Authorised Processes				
Registered Radioactive Substances				
River Quality	pg 6	2		
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register				
Water Abstractions	pg 6			(*3)
Water Industry Act Referrals				
Groundwater Vulnerability Map	pg 7	Yes	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a
Bedrock Aquifer Designations	pg 10	Yes	n/a	n/a
Superficial Aquifer Designations	pg 10	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences	pg 10	Yes		n/a
Flooding from Rivers or Sea without Defences	pg 10	Yes		n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
OS Water Network Lines	pg 11	21	14	8

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites				
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)				
Local Authority Landfill Coverage	pg 16	2	n/a	n/a
Local Authority Recorded Landfill Sites				
Registered Landfill Sites				
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)				
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents				
Planning Hazardous Substance Enforcements				
Geological				
BGS 1:625,000 Solid Geology	pg 17	Yes	n/a	n/a
BGS Recorded Mineral Sites	pg 17		1	
CBSCB Compensation District			n/a	n/a
Coal Mining Affected Areas	pg 17	Yes	n/a	n/a
Mining Instability	pg 17	Yes	n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 17	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 17	Yes	Yes	n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 18	Yes	Yes	n/a
Potential for Running Sand Ground Stability Hazards	pg 18	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 18	Yes		n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Industrial Land Use				
Contemporary Trade Directory Entries				
Fuel Station Entries				
Gas Pipelines				
Underground Electrical Cables				
Sensitive Land Use				
Ancient Woodland	pg 20		2	
Areas of Adopted Green Belt				
Areas of Unadopted Green Belt				
Areas of Outstanding Natural Beauty				
Environmentally Sensitive Areas				
Forest Parks				
Local Nature Reserves				
Marine Nature Reserves				
National Nature Reserves				
National Parks				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones	pg 20	1		
Ramsar Sites				
Sites of Special Scientific Interest				
Special Areas of Conservation				
Special Protection Areas				
World Heritage Sites				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NW (S)	0	1	421800 591350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NW (S)	0	1	421832 591200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	0	1	421832 592550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SE (NW)	0	1	421400 592250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SE (NW)	0	1	421500 592250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (N)	0	1	421700 592350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	421700 593200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NW (S)	0	1	421800 591200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NE (NW)	0	1	421450 591900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SW (W)	0	1	421350 591700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SE (W)	0	1	421400 591700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10NE (NW)	0	1	421450 592100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (N)	0	1	421550 592500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SW (N)	5	1	421832 591550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	6	1	421600 593150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	6	1	421600 592900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	7	1	421650 593200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	12	1	421350 592850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	13	1	421950 593150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	14	1	421800 593350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	16	1	421500 592850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	17	1	421550 593100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6NE (SW)	22	1	421650 591150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NE (N)	22	1	421450 592700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NW (NW)	22	1	421350 591900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	28	1	421650 592950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SE (N)	33	1	421600 592250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6NW (W)	34	1	421350 591350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (NW)	39	1	421350 592200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (S)	43	1	421900 591150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SW (W)	43	1	421300 591500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	47	1	421550 593150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	50	1	421900 592950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SW (N)	52	1	421832 591650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	52	1	421750 593350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (E)	53	1	422850 591250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10NW (NW)	56	1	421300 591800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	56	1	421650 592900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (NW)	58	1	421400 592400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	59	1	421500 593100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	63	1	422100 593350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	69	1	422000 591100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	76	1	421550 593200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (NW)	84	1	421350 592350

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	A7SW (SE)	95	1	422050 591050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (NW)	98	1	421350 592450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (E)	99	1	422850 591500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NE (NW)	99	1	421550 591850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	105	1	421832 593100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	106	1	421700 592900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (N)	118	1	421800 592400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SW (W)	123	1	421200 591650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6NE (SW)	124	1	421400 591150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SW (E)	126	1	422000 591500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SE (N)	126	1	421650 592250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	131	1	421950 593250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	140	1	421750 592950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (E)	143	1	422050 591450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (E)	145	1	423050 591350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NE (NW)	146	1	421650 591900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SW (SE)	167	1	421850 591500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NW (SE)	168	1	421950 591450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15SW (N)	172	1	421832 592250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SW (W)	178	1	421150 591524
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	186	1	421832 592950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	195	1	422200 593050

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	(N)	195	1	421600 593400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (NW)	196	1	421250 592400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	204	1	421800 592900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NW)	225	1	421300 592700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	228	1	422050 593350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	251	1	421900 592850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	251	1	422000 593100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	265	1	421550 593450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SW (E)	267	1	421900 591524
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	277	1	422100 593300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SE (E)	290	1	422200 591500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	296	1	421500 593450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SW (N)	298	1	421832 591750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	306	1	421850 592850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	320	1	422000 590800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	327	1	422200 593250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	332	1	422100 593100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15SW (N)	340	1	421850 592300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	344	1	421900 592650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (NW)	353	1	421100 592450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SE (E)	355	1	422250 591524
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	358	1	421400 593450

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	(N)	361	1	422100 593050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SW (SW)	369	1	421150 591050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A3NW (S)	380	1	422000 590700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SW (E)	381	1	422050 591600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	391	1	421350 593450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A5NE (W)	396	1	420950 591450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11NW (N)	396	1	421832 591900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	396	1	421300 593400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	400	1	422200 593150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	401	1	422150 593050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	421	1	422100 592950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	425	1	422000 592850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SW (SW)	440	1	421100 591000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (NE)	443	1	422100 591650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	447	1	422250 593150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	454	1	422000 592800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (NW)	485	1	421000 592550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	488	1	423750 591600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (NE)	490	1	422100 591700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	491	1	422150 592900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	494	1	421050 593150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	496	1	422050 592800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nearest Surface Water Feature	A8SE (E)	0	-	423041 591077
	River Quality Name: Bothal_Burn GQA Grade: Not Supplied Reach: Source_Pegswood_St Estimated Distance (km): 2.3 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A7SE (SE)	0	2	422387 590870
	River Quality Name: Lyne GQA Grade: River Quality C Reach: Source_Ulgha Estimated Distance (km): 11.1 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A14SE (N)	0	2	421677 592227
	Water Abstractions Operator: J Craigs Limited Licence Number: 01/22/4/018 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: River Daily Rate (m3): 25 Yearly Rate (m3): 1750 Details: River Lyne Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NW (NE)	842	2	422400 592600
	Water Abstractions Operator: J Craigs Limited Licence Number: 01/22/4/018 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 25 Yearly Rate (m3): 1750 Details: Earsdon Burn Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	872	2	420600 592595
	Water Abstractions Operator: J Craigs Ltd Licence Number: 1/22/04/018 Permit Version: 100 Location: River Lyne - Tritlington Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): 25 Yearly Rate (m3): 1750 Details: Lands In And Around Tritlington. Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 21st June 1985 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	886	2	420580 592580

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: High</p>	A14SE (N)	0	3	421676 592364
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: High</p>	A15SW (N)	0	3	421831 592232
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: High</p>	A12SE (E)	0	3	423000 591524
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	A11SW (NE)	0	3	421832 591524

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial: >90%</p> <p>Patchiness: Superficial >10m</p> <p>Thickness: Superficial High</p> <p>Recharge: Superficial High</p>	A11SW (E)	0	3	422000 591524
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial: >90%</p> <p>Patchiness: Superficial >10m</p> <p>Thickness: Superficial Low</p> <p>Recharge: Superficial Low</p>	(N)	0	3	421832 593000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial: >90%</p> <p>Patchiness: Superficial >10m</p> <p>Thickness: Superficial Low</p> <p>Recharge: Superficial Low</p>	A10NE (NW)	0	3	421432 591929
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial: >90%</p> <p>Patchiness: Superficial >10m</p> <p>Thickness: Superficial Low</p> <p>Recharge: Superficial Low</p>	A7NW (S)	0	3	421795 591356

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	A7SW (SE)	0	3	422056 591000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: High</p>	A8SE (SE)	0	3	423000 591000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: High</p>	A15SW (N)	0	3	421790 592302
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: High</p>	A11NW (N)	0	3	421832 592000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: High	A14SE (N)	0	3	421620 592238
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: High	A10NE (NW)	0	3	421462 592000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A11SW (N)	0	3	421822 591572
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A11SW (NE)	0	3	421832 591524
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A11SW (NE)	0	3	421832 591524
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A15SW (N)	0	2	421810 592245
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A15SW (N)	0	2	421800 592245
	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
1	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A7NW (S)	0	4	421785 591215
2	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 642.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A15NW (N)	0	4	422012 592796
3	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 258.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lyne Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A14SE (N)	0	4	421549 592259
4	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 212.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A6NE (SW)	0	4	421535 591175
5	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A6NE (SW)	0	4	421620 591181
6	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A6NE (SW)	0	4	421535 591175
7	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 801.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A7NW (S)	0	4	421862 591206
8	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 338.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brocks Burn Catchment Name: Wansbeck Primacy: 1	A7SE (SE)	0	4	422252 591044
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 538.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brocks Burn Catchment Name: Wansbeck Primacy: 1	A8SW (SE)	0	4	422595 590980

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 271.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A8SW (SE)	0	4	422564 591047
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 208.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A8SE (SE)	0	4	422835 591053
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A8SE (E)	0	4	423043 591075
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 383.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A8SE (E)	0	4	423057 591075
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 675.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A8SE (SE)	0	4	422845 591076
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 2	A8SE (SE)	0	4	422833 591073
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A8SE (SE)	0	4	422833 591073
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A8SE (E)	0	4	423041 591077
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 199.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A7NW (S)	0	4	421819 591196

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A7NW (S)	0	4	421847 591204
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A7NW (S)	0	4	421838 591204
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A7NW (S)	0	4	421847 591204
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A8SW (SE)	1	4	422578 590957
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 416.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brocks Burn Catchment Name: Wansbeck Primacy: 1	A8SE (E)	1	4	423069 591056
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A7NW (S)	2	4	421832 591232
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 107.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A14SE (NW)	92	4	421519 592174
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lyne Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A14SE (N)	93	4	421659 592274
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A14SW (NW)	108	4	421321 592346

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lyne Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A14SW (NW)	109	4	421321 592346
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 614.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A10NW (NW)	131	4	421096 591877
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1481.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lyne Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A14SW (NW)	135	4	421299 592359
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 365.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lyne Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A15SW (N)	190	4	421820 592236
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 223.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A10NE (N)	190	4	421716 592114
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A6SE (S)	192	4	421684 590985
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A6SE (S)	197	4	421689 590985
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A6SE (S)	197	4	421698 590986
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A11NW (N)	306	4	421734 592110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A10NE (N)	306	4	421716 592110
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 304.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A6SW (SW)	311	4	421286 590973
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A15SW (N)	423	4	422017 592263
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 841.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Lyne Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A15SW (N)	423	4	421938 592350
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 230.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	A3NE (SE)	435	4	422221 590605
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 272.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	A15NW (N)	466	4	422019 592793
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 2	A15NW (N)	466	4	422012 592796

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Castle Morpeth Borough Council - Has supplied landfill data		0	6	421832 591524
	Local Authority Landfill Coverage Name: Northumberland County Council - Has supplied landfill data		0	5	421832 591524

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)	A7NE (SE)	0	1	422230 591126
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A11SW (NE)	0	1	421832 591524
44	BGS Recorded Mineral Sites Site Name: Cockles Occs Location: Longhirst, Morpeth, Northumberland Source: British Geological Survey, National Geoscience Information Service Reference: 5204 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous, Permian Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m	A10SE (W)	168	1	421550 591545
	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.	A11SW (NE)	0	7	421832 591524
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A11SW (NE)	0	-	421832 591524
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	421831 592232
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (NE)	0	1	421832 591524
	Potential for Compressible Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	421831 592232
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (NE)	0	1	421832 591524
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A10NE (NW)	0	1	421432 591929
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11SW (N)	0	1	421822 591572
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	0	1	421795 591356
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	22	1	421482 591460
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A6NW (SW)	29	1	421366 591326
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A10SW (W)	67	1	421283 591466
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	110	1	421942 591432
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11SW (SE)	156	1	421880 591494

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A10SW (W)	166	1	421163 591597
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15NW (N)	198	1	422012 592795
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (NE)	0	1	421832 591524
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SW (W)	0	1	421339 591594
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	0	1	422043 591306
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (NE)	0	1	421832 591524
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A14SE (N)	0	1	421610 592226
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A14SE (N)	82	1	421598 592307
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	169	1	421767 592301
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	185	1	421796 592196
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (NE)	0	1	421832 591524
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14SE (N)	0	1	421620 592238
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	421831 592232
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A14SE (N)	0	1	421676 592364
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A8NE (E)	36	1	422836 591360
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SW (NE)	0	1	421832 591524
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14SE (N)	0	1	421676 592364
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (N)	0	1	421822 591572
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (NW)	0	1	421432 591929
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	0	1	421795 591356
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	421831 592232

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	22	1	421482 591460
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6NW (SW)	29	1	421366 591326
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (E)	36	1	422836 591360
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SW (W)	67	1	421283 591466
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	110	1	421942 591432
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (SE)	156	1	421880 591494
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SW (W)	166	1	421163 591597
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11SW (NE)	0	1	421832 591524
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11SW (NE)	0	1	421832 591524

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	Ancient Woodland Name: Robinhood Wood Reference: 1101612 Area(m ²): 74139.25 Type: Ancient and Semi-Natural Woodland	(N)	74	8	421315 593153
46	Ancient Woodland Name: Blubbery/Blackdean Woods Reference: 1101611 Area(m ²): 457613.82 Type: Plantation on Ancient Woodland	A6NW (SW)	125	8	421293 591263
47	Nitrate Vulnerable Zones Name: Bothal Burn Catchment (Trib Of Wansbeck) Nvz Description: Surface Water Source: Environment Agency, Head Office	A11SW (E)	0	3	421923 591546

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Northumberland Council - Environmental Health Department Environment Agency - Head Office Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	January 2020 June 2020 October 2009	Annually Annually Not Applicable
Discharge Consents Environment Agency - North East Region	July 2020	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - North East Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - North East Region	July 2020	Quarterly
Local Authority Integrated Pollution Prevention And Control Northumberland Council - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	May 2014 September 2008	Variable Not Applicable
Local Authority Pollution Prevention and Controls Northumberland Council - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	May 2014 September 2008	Annually Not Applicable
Local Authority Pollution Prevention and Control Enforcements Northumberland Council - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	May 2014 September 2008	Variable Not Applicable
Nearest Surface Water Feature Ordnance Survey	August 2020	
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - North East Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - North East Region	June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	July 2020 July 2020	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	July 2020	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually

Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2020	Quarterly
Flood Defences Environment Agency - Head Office	September 2020	Quarterly
OS Water Network Lines Ordnance Survey	June 2020	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	July 2020 July 2020	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	July 2020 July 2020	Quarterly Quarterly
Local Authority Landfill Coverage Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department Northumberland County Council (now part of Northumberland Council)	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department Northumberland County Council (now part of Northumberland Council)	May 2000 May 2000	Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	March 2003 March 2003	Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Northumberland County Council (now part of Northumberland Council) - Minerals Waste and Development Control Northumberland Council - Planning Department	August 2009 October 2008 October 2015	Not Applicable Annual Rolling Update Variable
Planning Hazardous Substance Consents Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Northumberland County Council (now part of Northumberland Council) - Minerals Waste and Development Control Northumberland Council - Planning Department	August 2009 October 2008 October 2015	Not Applicable Annual Rolling Update Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2020	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	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	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2020	Quarterly
Fuel Station Entries Catalist Ltd - Experian	September 2020	Quarterly
Gas Pipelines National Grid	September 2020	
Underground Electrical Cables National Grid	August 2020	
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2020	Bi-Annually
Areas of Adopted Green Belt Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Northumberland Council - Planning Department	June 2020 June 2020	As notified As notified
Areas of Unadopted Green Belt Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Northumberland Council - Planning Department	June 2020 June 2020	As notified As notified
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2020	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	July 2019	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	May 2020	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	September 2020	Bi-Annually

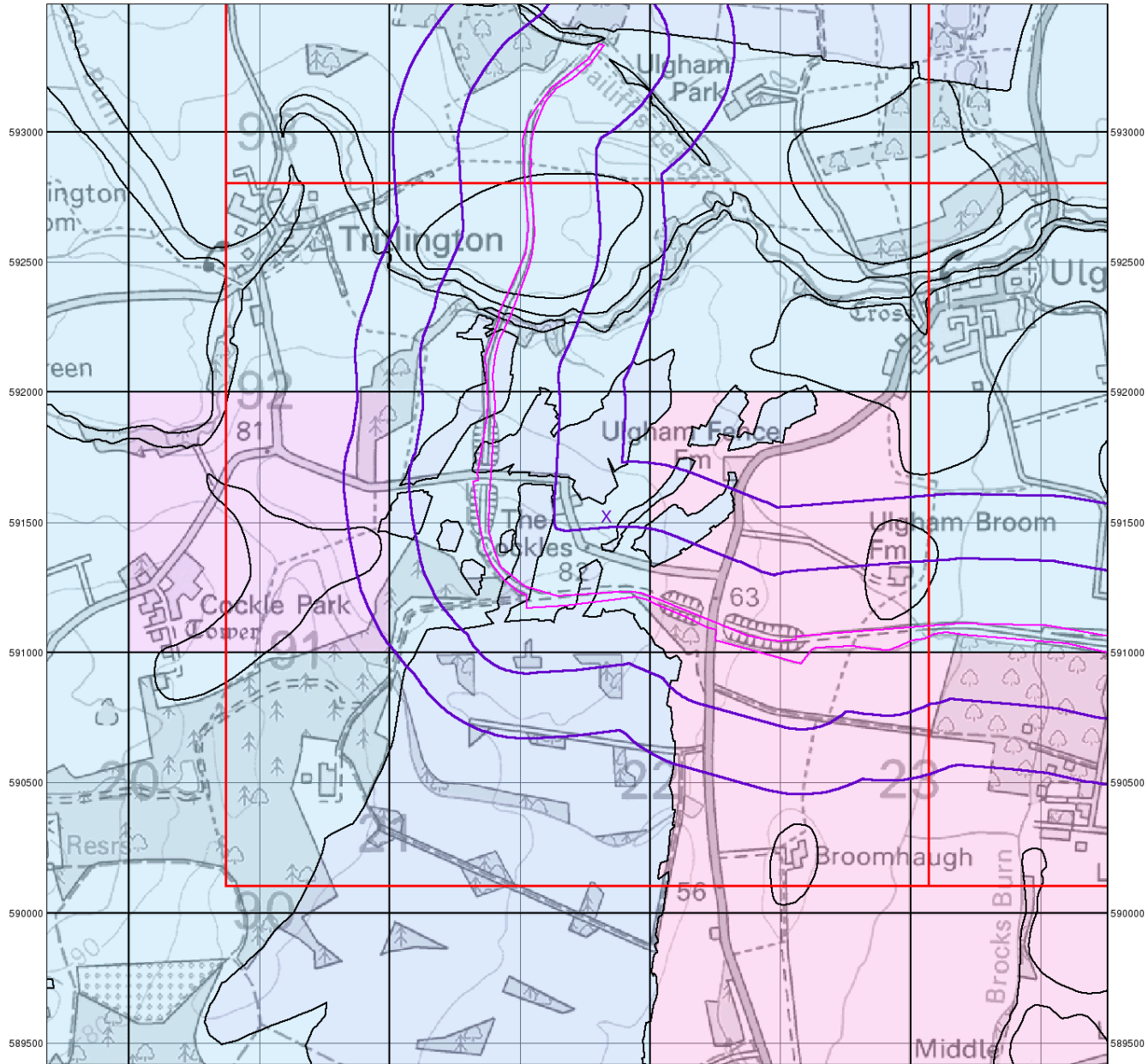
A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	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	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	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
6	Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department County Hall, Morpeth, Northumberland, NE61 2EF	Telephone: 0845 600 6400 Website: www.northumberland.gov.uk
7	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
8	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.

420000 420500 421000 421500 422000 422500 423000 423500



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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

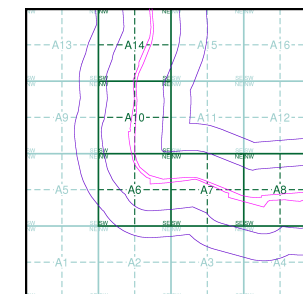
Bedrock Aquifers

- 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

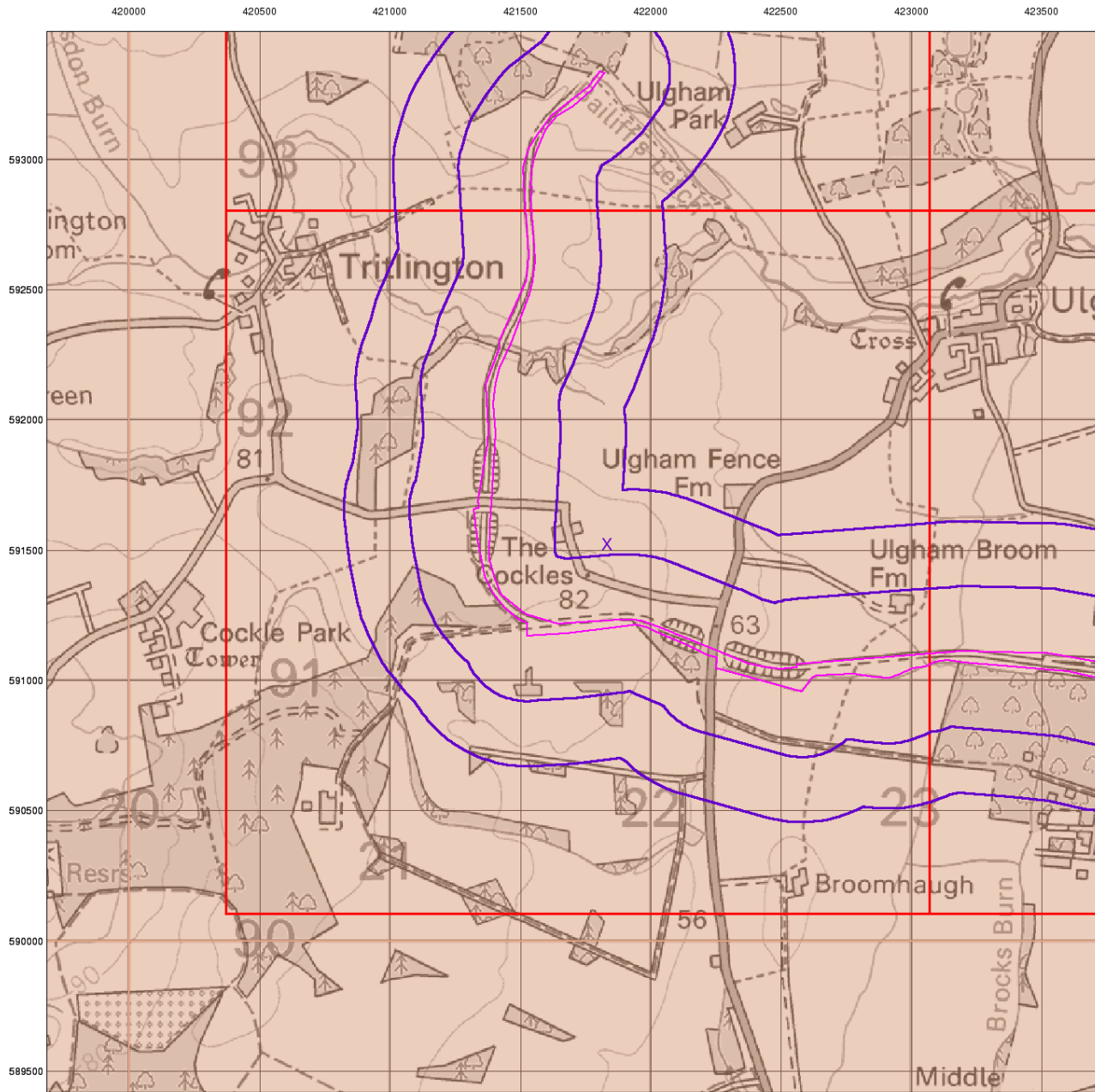
Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road

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0 1 km

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Bedrock Aquifer Designation

General

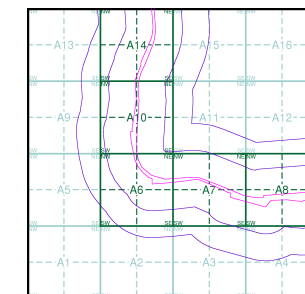
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

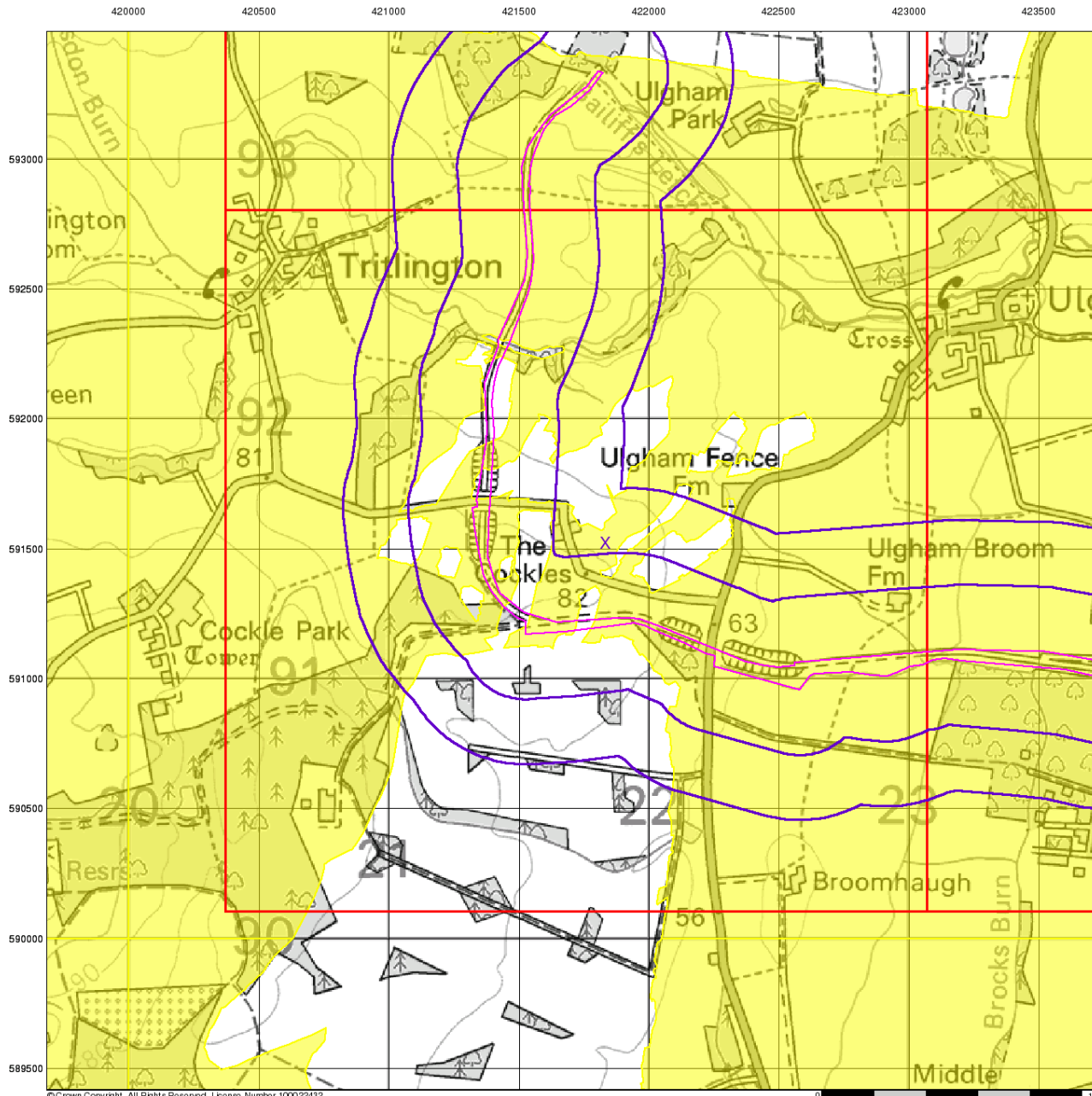
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 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 500

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0 1 km

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Superficial Aquifer Designation

General

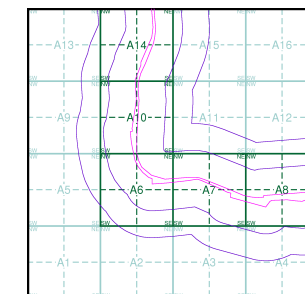
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

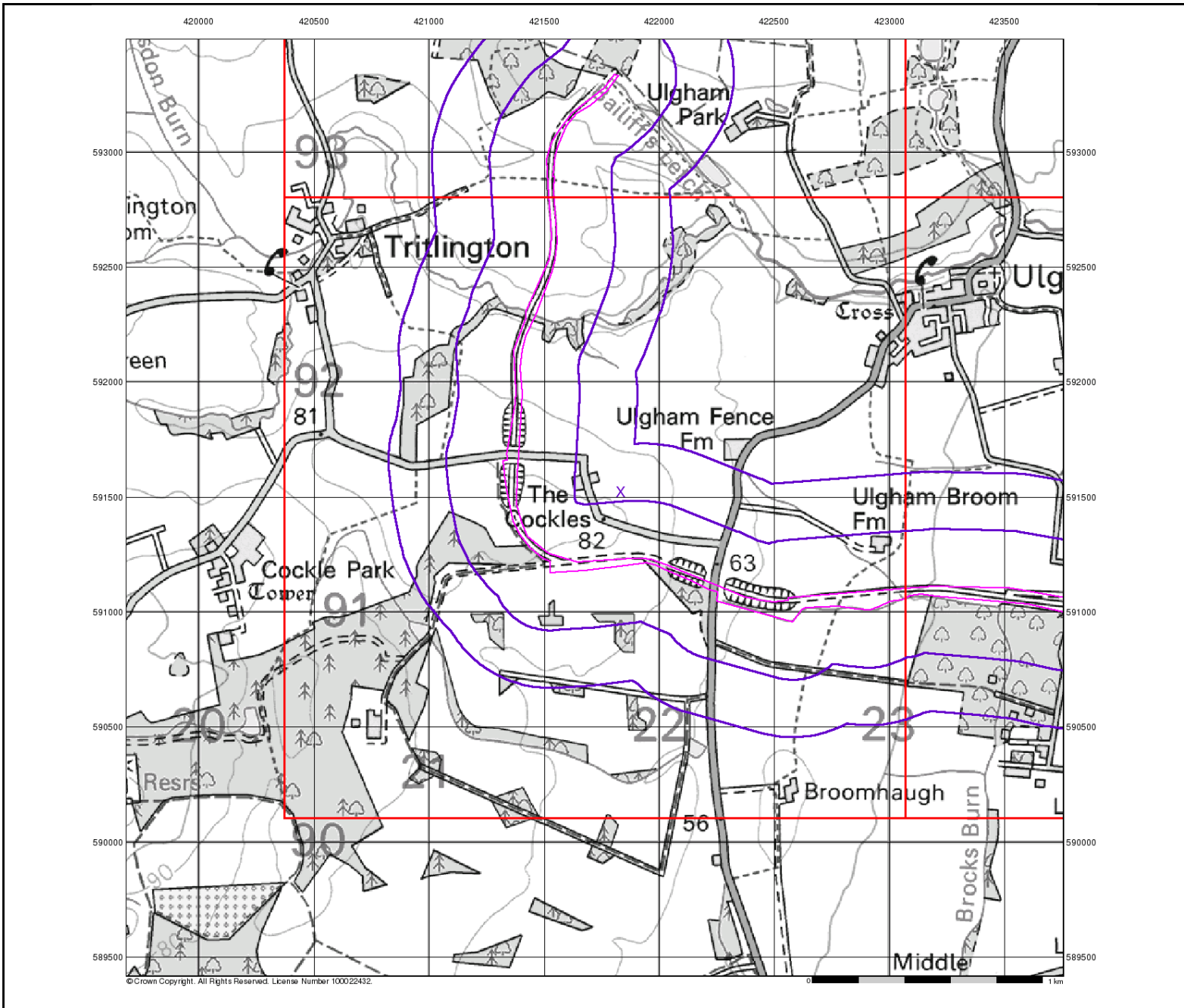
Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 500

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Source Protection Zones

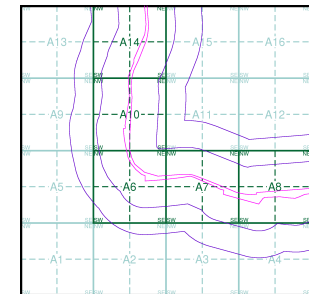
General

- ◆ Specified Site
- ⬮ Specified Buffer(s)
- ✕ Bearing Reference Point
- Slice
- B 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

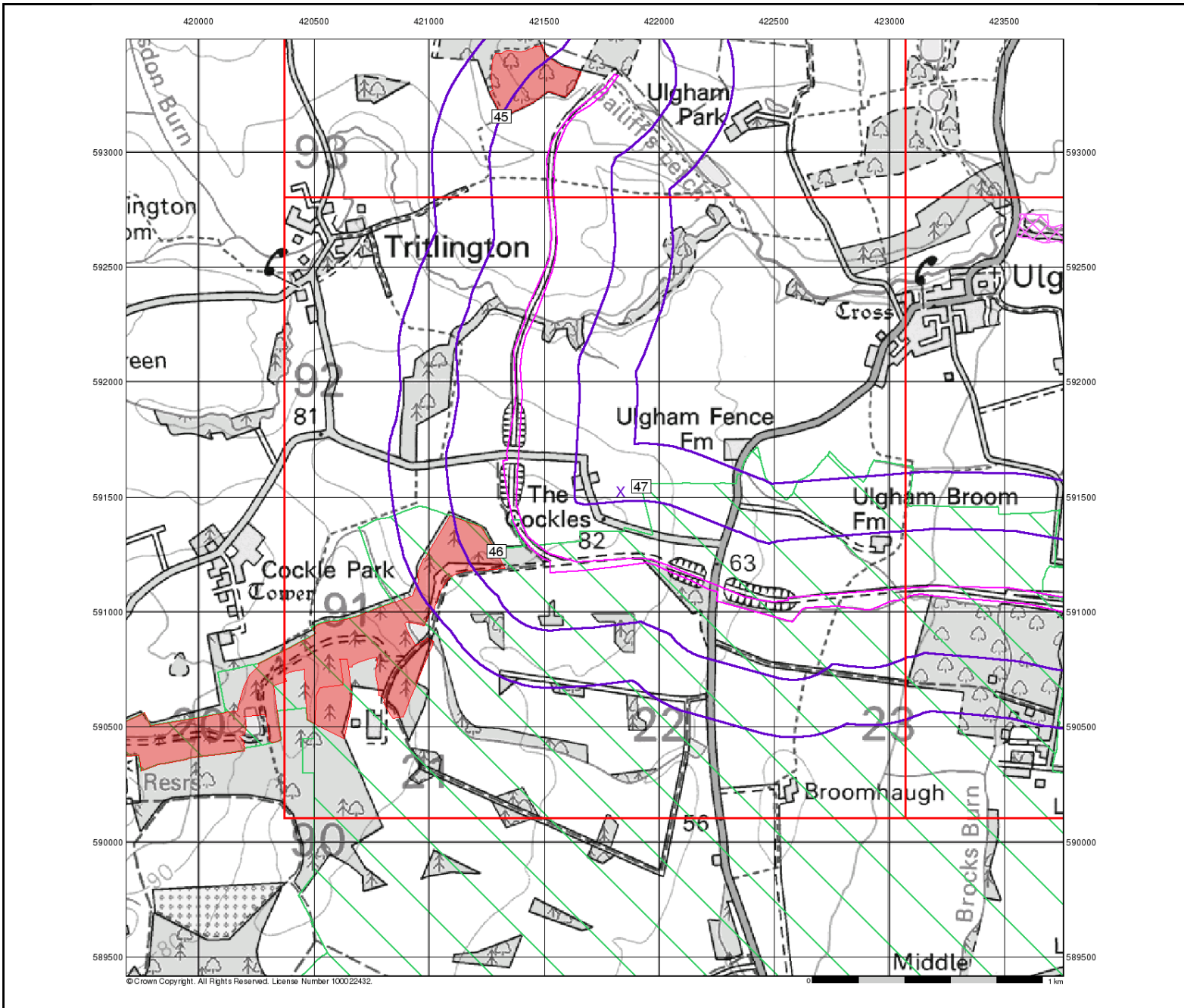
Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

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Sensitive Land Uses

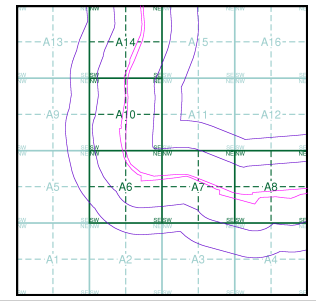
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

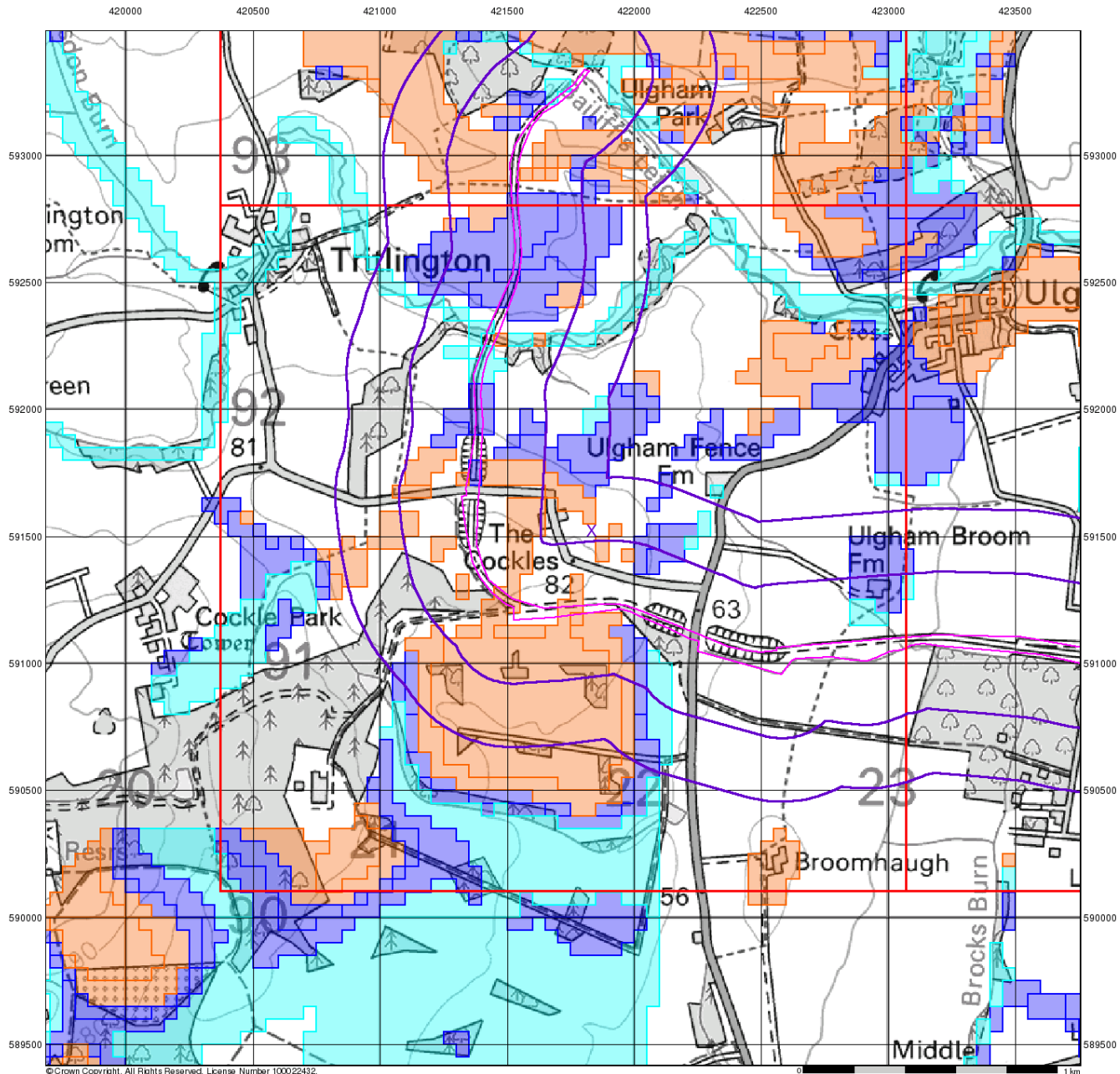
Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

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BGS Flood GFS Data

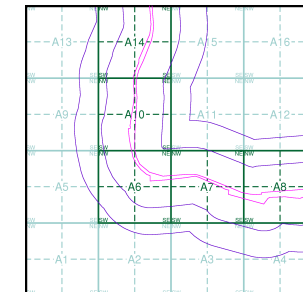
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

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General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- ◊ Contaminated Land Register Entry or Notice
- ▲ Discharge Consent
- ▲ Enforcement or Prohibition Notice
- ▲ Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- ▲ Local Authority Pollution Prevention and Control
- ▼ Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- ▼ Prosecution Relating to Authorised Processes
- ◆ Prosecution Relating to Controlled Waters
- ▲ Registered Radioactive Substance
- + River Quality Sampling Point
- Substantiated Pollution Incident Register
- ◆ Water Abstraction
- ◆ Water Industry Act Referral
- ▼ River Network or Water Feature
- + River Quality Sampling Point

Waste

- ▼ BGS Recorded Landfill Site (Location)
- ◊ BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- ▲ Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- ▼ Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

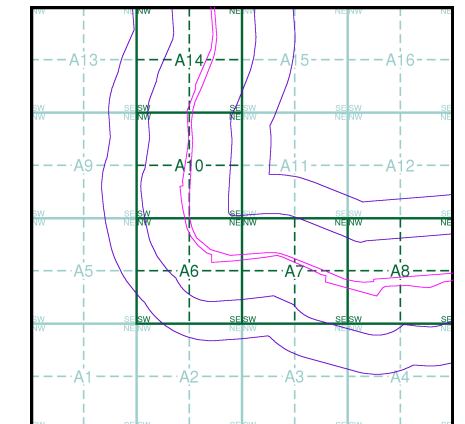
Geological

- ▼ BGS Recorded Mineral Site

Industrial Land Use

- ★ Contemporary Trade Directory Entry
- ★ Fuel Station Entry
- ✖ COMAH Site
- ✖ Explosive Site
- ✖ NIHS Site
- ✖ Planning Hazardous Substance Consent
- ✖ Planning Hazardous Substance Enforcement

Site Sensitivity Map - Slice A

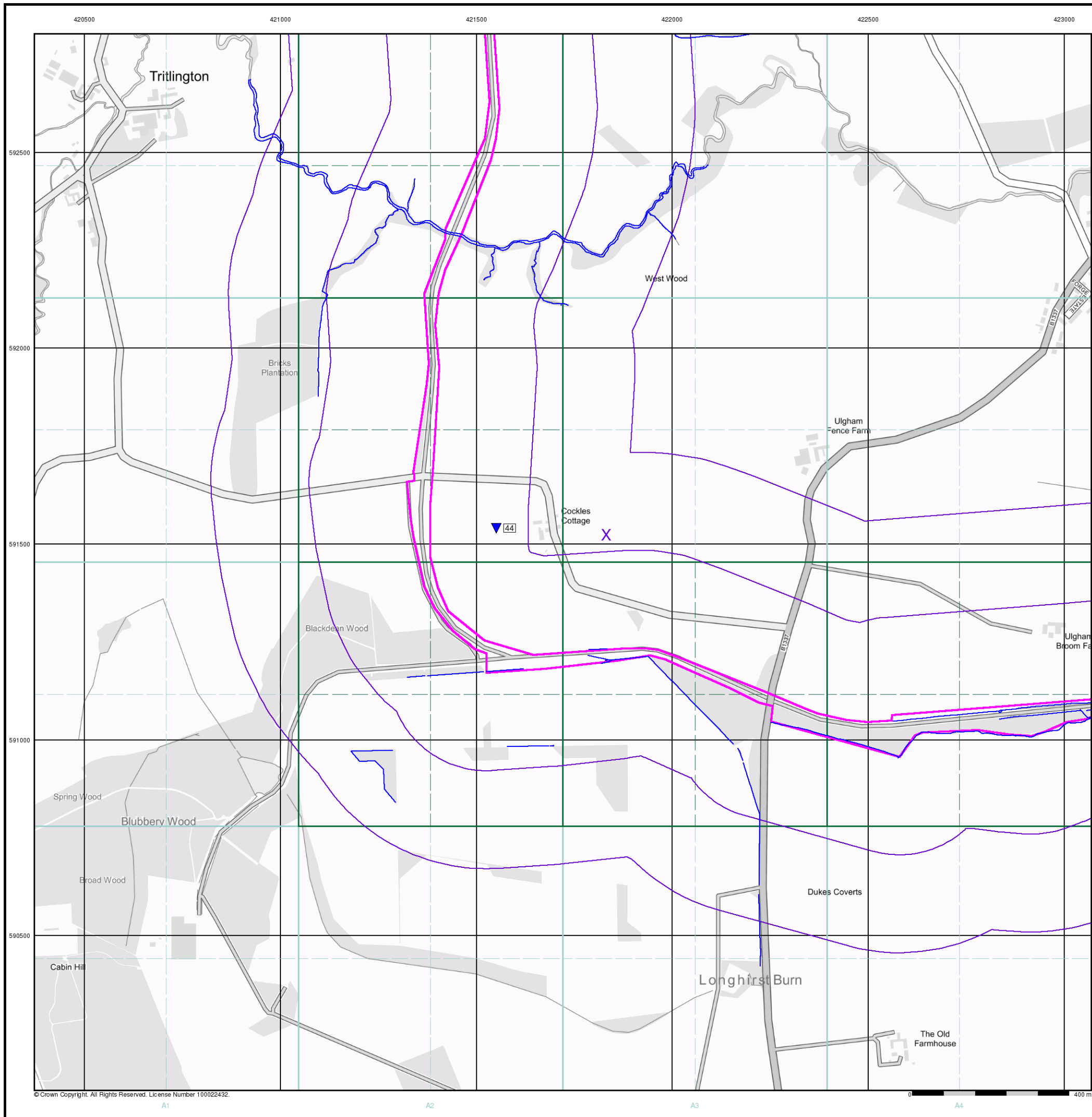


Order Details

Order Number: 264431527_1_1
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 Slice: A
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 Search Buffer (m): 500

Site Details






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Industrial Land Use Map

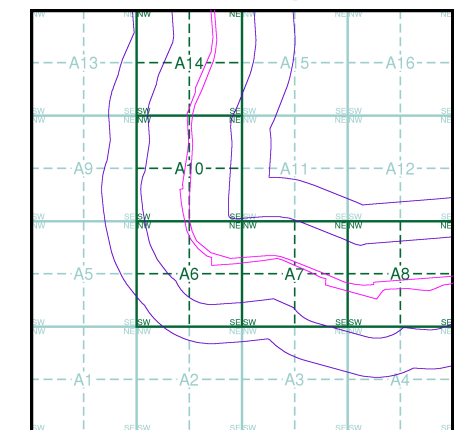
General

-  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

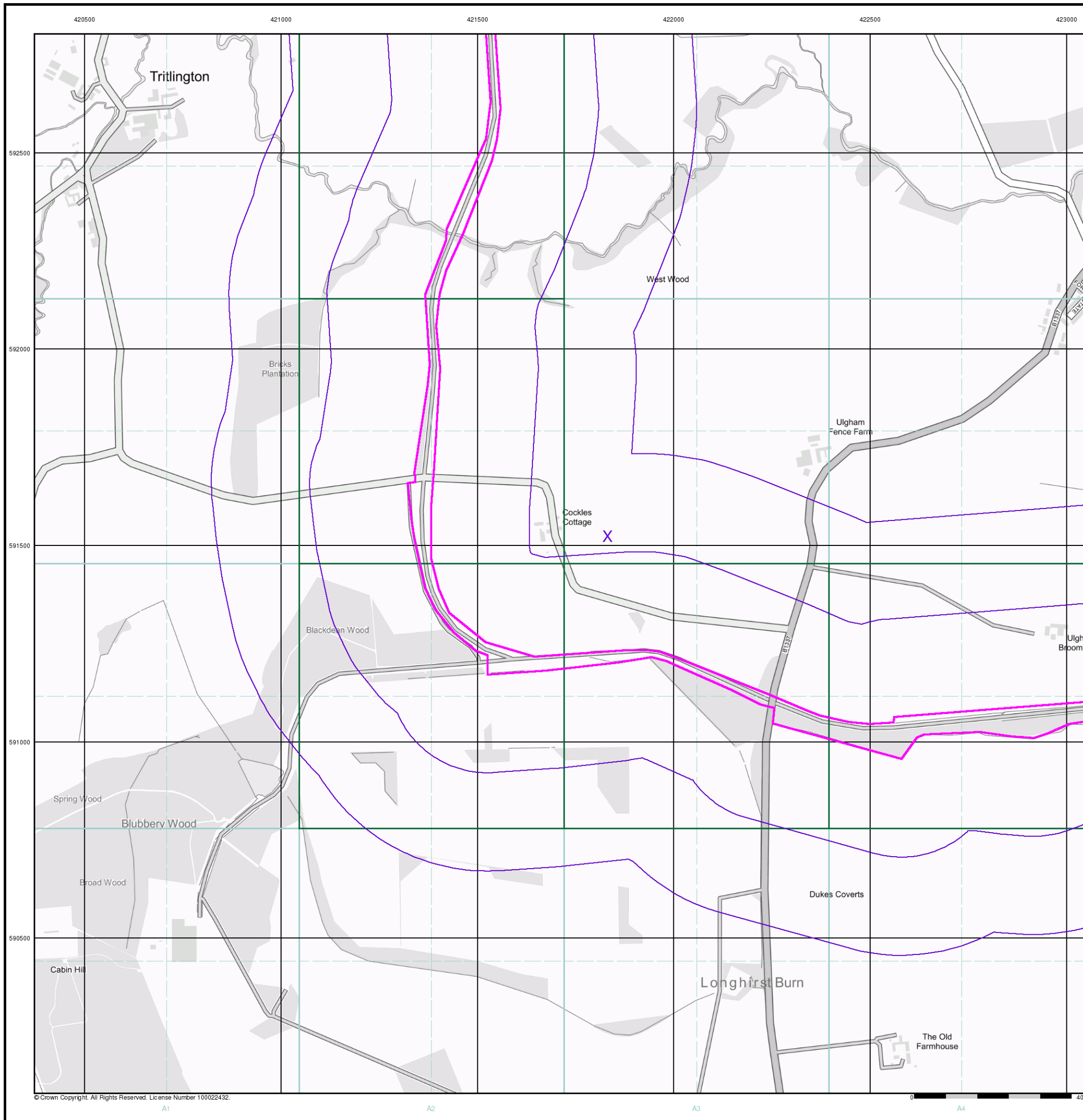


Order Details



Order Number: 264431527_1_1
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 Site Area (Ha): 20.42
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Site Details






Stobswood Haul Road



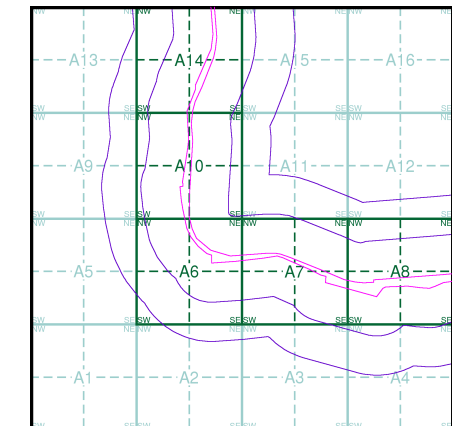
General

-  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

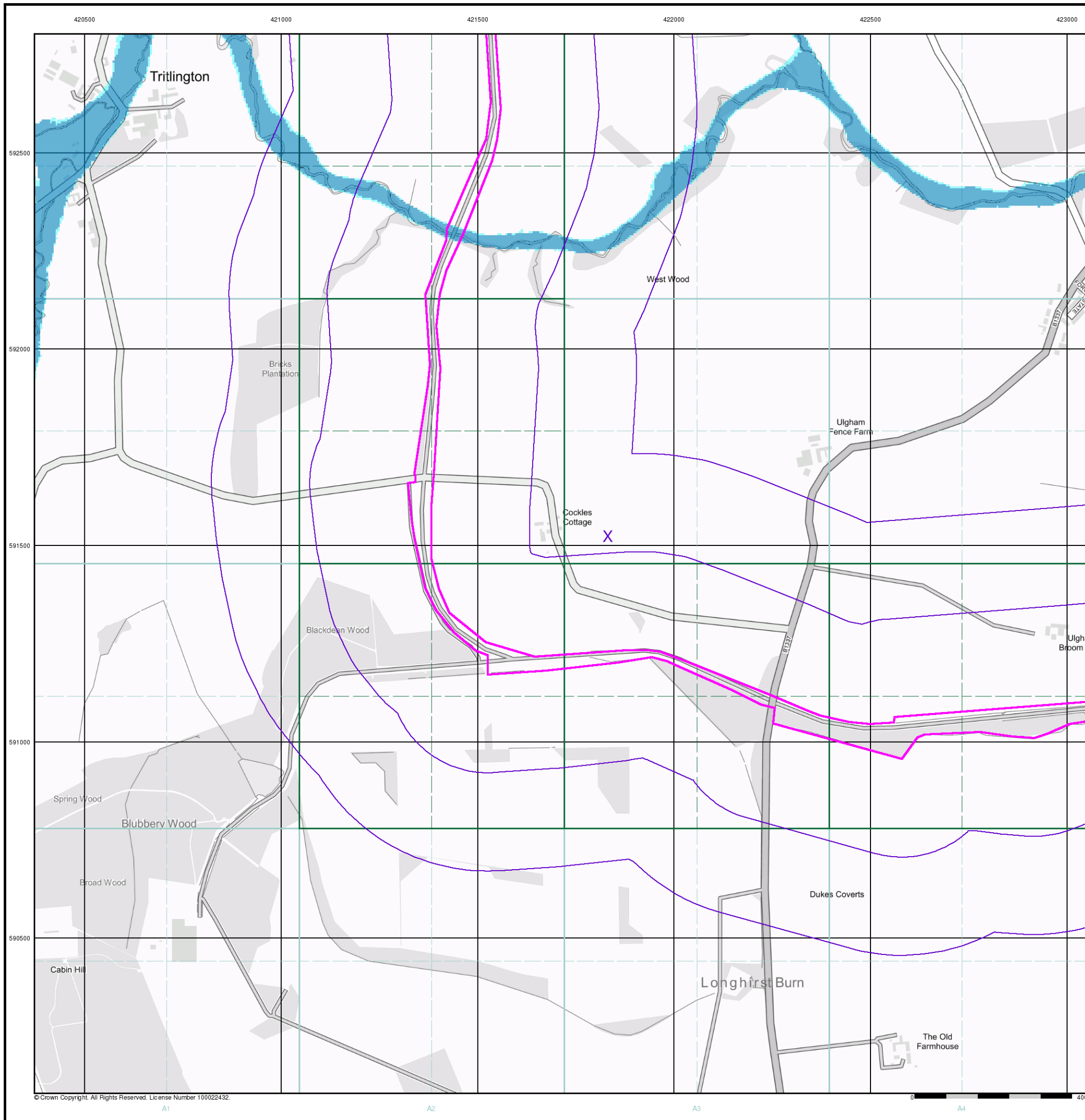


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road



General

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

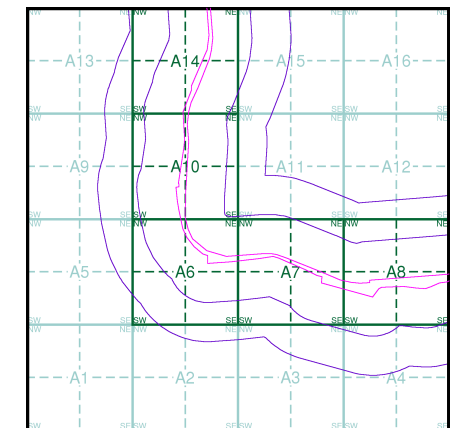
Agency and Hydrological (Boreholes)

- 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

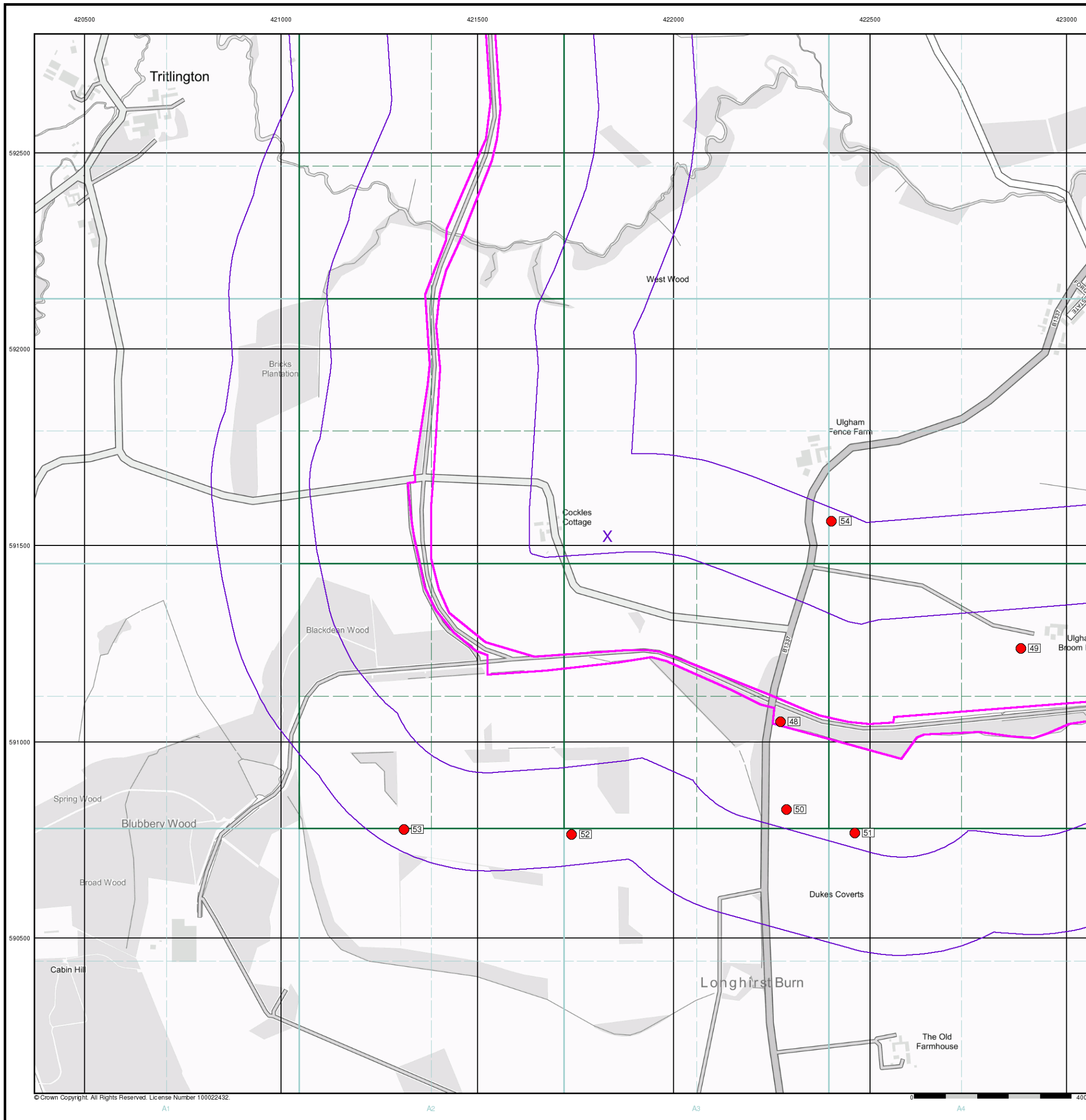


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 500




Site Details

Stobswood Haul Road



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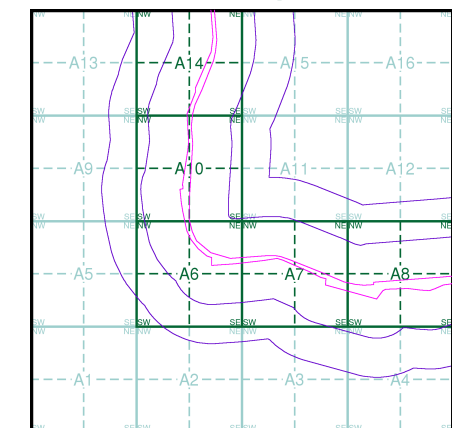
General

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

OS Water Network Data

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

OS Water Network Map - Slice A

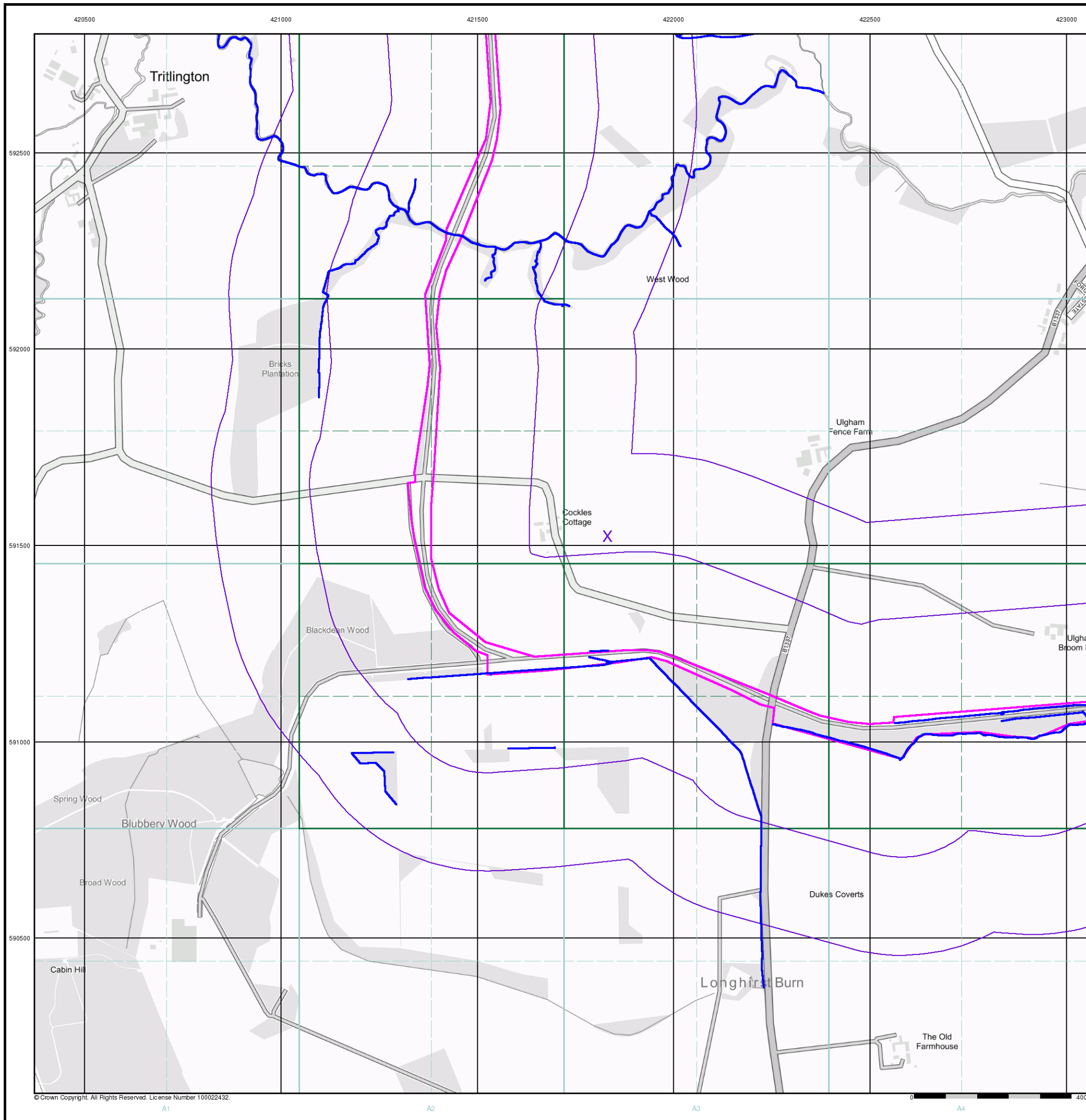


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421830, 591520
 Slice: A
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road



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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

264431527_1_1

Customer Reference:

3865

National Grid Reference:

423810, 591020

Slice:

B

Site Area (Ha):

20.42

Search Buffer (m):

500

Site Details:

Stobswood Haul Road

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	10
Hazardous Substances	-
Geological	11
Industrial Land Use	-
Sensitive Land Use	13
Data Currency	14
Data Suppliers	19
Useful Contacts	20

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
BGS Groundwater Flooding Susceptibility	pg 1		Yes	Yes
Contaminated Land Register Entries and Notices				
Discharge Consents				
Prosecutions Relating to Controlled Waters			n/a	n/a
Enforcement and Prohibition Notices				
Integrated Pollution Controls				
Integrated Pollution Prevention And Control				
Local Authority Integrated Pollution Prevention And Control				
Local Authority Pollution Prevention and Controls				
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature	pg 1	Yes		
Pollution Incidents to Controlled Waters	pg 2		2	
Prosecutions Relating to Authorised Processes				
Registered Radioactive Substances				
River Quality	pg 2	1		
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register				
Water Abstractions	pg 2			(*5)
Water Industry Act Referrals				
Groundwater Vulnerability Map	pg 3	Yes	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a
Bedrock Aquifer Designations	pg 5	Yes	n/a	n/a
Superficial Aquifer Designations	pg 5	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences				n/a
Flooding from Rivers or Sea without Defences				n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
OS Water Network Lines	pg 5	8	16	16

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites				
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)				
Local Authority Landfill Coverage	pg 10	2	n/a	n/a
Local Authority Recorded Landfill Sites				
Registered Landfill Sites				
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)				
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents				
Planning Hazardous Substance Enforcements				
Geological				
BGS 1:625,000 Solid Geology	pg 11	Yes	n/a	n/a
BGS Recorded Mineral Sites				
CBSCB Compensation District			n/a	n/a
Coal Mining Affected Areas	pg 11	Yes	n/a	n/a
Mining Instability	pg 11	Yes	n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 11	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 11		Yes	n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 11	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 11	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 11	Yes		n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a

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

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6SE (E)	31	1	424150 590900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	53	1	423000 591150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B6SE (E)	58	1	424200 591000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6SE (E)	62	1	424200 591019
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	63	1	423000 593250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	99	1	423050 591200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B5NW (W)	145	1	423100 591250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6SE (E)	160	1	424300 591019
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	195	1	422750 593050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6NE (E)	204	1	424250 591150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B2NE (SE)	222	1	424100 590700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6SE (E)	234	1	424350 590850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B2NE (SE)	272	1	424100 590650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B7SW (E)	317	1	424450 590900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	327	1	422350 593300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B7SW (E)	408	1	424550 591019
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B10SW (N)	447	1	423850 591500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B10SW (N)	466	1	423950 591500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B10SW (N)	488	1	423808 591550
	Nearest Surface Water Feature	B5SE (W)	0	-	423516 591067

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Pollution Incidents to Controlled Waters Property Type: Crown Exempt Location: ACKLINGTON Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: No Fish Killed Incident Date: 29th February 1996 Incident Reference: NN960030 Catchment Area: Coquet Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	B5SE (SW)	208	2	423700 590800
1	Pollution Incidents to Controlled Waters Property Type: Crown Exempt Location: ACKLINGTON Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: Pollution Found; No Fish Killed Incident Date: 29th February 1996 Incident Reference: NN960030 Catchment Area: Coquet Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	B5SE (SW)	213	2	423700 590795
	River Quality Name: Bothal_Burn GQA Grade: Not Supplied Reach: Source_Pegswood_St Estimated Distance (km): 2.3 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	B5SE (W)	0	2	423433 590957
	Water Abstractions Operator: Dungait Farms Licence Number: 1/22/04/025 Permit Version: 2 Location: Borehole - Coal Measures - Ulgham Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Manor Farm, Ulgham, Morpeth, Northumberland Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 10th August 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B10NW (N)	809	2	423890 591860
	Water Abstractions Operator: Dungait Farms Licence Number: 1/22/04/025 Permit Version: 2 Location: Borehole - Coal Measures - Ulgham Authority: Environment Agency, North East Region Abstraction: General Agriculture: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Manor Farm, Ulgham, Hebron, Morpeth Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 10th August 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B10NW (N)	809	2	423890 591860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: M Dungait & Sons Licence Number: 1/22/04/025 Permit Version: 1 Location: Borehole - Coal Measures - Ulgham Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Manor Farm, Ulgham, Morpeth, Northumberland Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B10NW (N)	809	2	423890 591860
	<p>Water Abstractions</p> <p>Operator: M Dungait & Sons Licence Number: 1/22/04/025 Permit Version: 1 Location: Borehole - Coal Measures - Ulgham Authority: Environment Agency, North East Region Abstraction: General Agriculture: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Manor Farm, Ulgham, Hebron, Morpeth Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B10NW (N)	809	2	423890 591860
	<p>Water Abstractions</p> <p>Operator: Dungait Farms Licence Number: 1/22/04/025/R01 Permit Version: 1 Location: Borehole - Coal Measures - Ulgham Authority: Environment Agency, North East Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Manor Farm, Ulgham, Morpeth, Northumberland Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B10NW (N)	812	2	423897 591862
	<p>Groundwater Vulnerability Map</p> <p>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: >90% Patchiness: Superficial Thickness: 3-10m Superficial Recharge: High</p>	B6SW (E)	0	3	423808 591019

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: High</p>	(W)	0	3	423000 591019
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	B6SW (E)	0	3	424000 591019
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(W)	0	3	423000 591000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability</p> <p>Combined Vulnerability: Medium</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: High</p>	B6SW (S)	0	3	423808 591000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	B6SW (E)	0	3	424000 591000
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	B6SW (E)	0	3	423808 591019
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	B6SW (E)	0	3	423808 591019
	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				
2	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 286.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	B6SW (N)	0	4	423812 591047
3	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 2	B5SE (W)	0	4	423475 591028
4	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 119.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SE (W)	0	4	423550 591035
5	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 383.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SE (W)	0	4	423438 591061

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SE (W)	0	4	423552 591072
7	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SE (W)	0	4	423516 591067
8	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 675.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SE (W)	0	4	423516 591067
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SE (W)	0	4	423555 591078
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 416.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brocks Burn Catchment Name: Wansbeck Primacy: 1	B5SE (W)	1	4	423475 591028
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SE (W)	5	4	423553 591028
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 188.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SE (W)	12	4	423678 591000
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 211.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brocks Burn Catchment Name: Wansbeck Primacy: 1	B5SE (W)	18	4	423480 591025
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 293.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	B6SE (E)	47	4	424165 590892

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	B6SE (E)	66	4	424190 590901
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SE (SW)	69	4	423662 590951
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 377.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SE (SW)	79	4	423659 590941
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 194.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	B6SE (E)	89	4	424215 590902
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SW (W)	196	4	423162 590874
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SW (W)	200	4	423360 590847
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SW (W)	200	4	423167 590873
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SE (SW)	208	4	423511 590831
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SW (W)	209	4	423367 590847

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B5SE (SW)	211	4	423521 590830
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brocks Burn Catchment Name: Wansbeck Primacy: 1	B5SE (SW)	212	4	423521 590830
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	B6SE (E)	251	4	424366 590840
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 371.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	B6SE (E)	256	4	424370 590839
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	B2NE (SE)	286	4	424088 590639
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	B2NE (SE)	292	4	424087 590632
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 384.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B1NE (SW)	369	4	423458 590625
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 658.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	B6NE (NE)	377	4	424282 591326
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	B2NW (SE)	407	4	424046 590523

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	B2NW (SE)	416	4	424044 590515
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B1NE (SW)	421	4	423473 590623
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brocks Burn Catchment Name: Wansbeck Primacy: 1	B1NE (SW)	422	4	423473 590623
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: Underground Permanent: True Watercourse Name: Brocks Burn Catchment Name: Wansbeck Primacy: 1	B1NE (SW)	435	4	423476 590610
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 741.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brocks Burn Catchment Name: Wansbeck Primacy: 1	B1NE (SW)	436	4	423476 590608
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B1NE (SW)	436	4	423542 590589
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wansbeck Primacy: 1	B1NE (S)	448	4	423634 590558
40	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: Wansbeck Primacy: 1	B1NE (S)	462	4	423659 590548
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 815.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	B9SE (N)	497	4	423731 591578

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Castle Morpeth Borough Council - Has supplied landfill data		0	6	423808 591019
	Local Authority Landfill Coverage Name: Northumberland County Council - Has supplied landfill data		0	5	423808 591019

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)	B6SW (E)	0	1	423808 591019
	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.	B6SW (E)	0	7	423808 591019
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	B6SW (E)	0	-	423808 591019
	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	B6SW (E)	0	1	423808 591019
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B6SW (E)	0	1	423808 591019
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B6SE (E)	56	1	424192 590945
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B6SE (E)	61	1	424177 590885
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B6SW (E)	0	1	423808 591019
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B6SW (E)	0	1	423958 591011
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B6SW (E)	0	1	424030 590937
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B6SW (SE)	0	1	423939 590964
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B6SW (E)	0	1	424046 590992
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B6SW (E)	0	1	423808 591019
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B6SW (E)	0	1	423808 591019
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B10SW (N)	0	1	423961 591484
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B5NW (W)	36	1	423085 591279
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B6SW (E)	0	1	423808 591019
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B5NW (W)	36	1	423085 591279
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	B6SW (E)	0	1	423808 591019

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<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>	B6SW (E)	0	1	423808 591019

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	<p>Nitrate Vulnerable Zones</p> <p>Name: Bothal Burn Catchment (Trib Of Wansbeck) Nvz</p> <p>Description: Surface Water</p> <p>Source: Environment Agency, Head Office</p>	B6SW (W)	0	3	423800 591019

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

Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - North East Region	October 2017	Quarterly
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	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2020	Quarterly
Flood Defences Environment Agency - Head Office	September 2020	Quarterly
OS Water Network Lines Ordnance Survey	June 2020	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	July 2020 July 2020	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	July 2020 July 2020	Quarterly Quarterly
Local Authority Landfill Coverage 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	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites 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	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	March 2003 March 2003	Not Applicable Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements 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 Northumberland Council - Planning Department	August 2009 February 2009 October 2008 October 2015	Not Applicable Not Applicable Annual Rolling Update Variable
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 Northumberland Council - Planning Department	August 2009 February 2009 October 2008 October 2015	Not Applicable Not Applicable Annual Rolling Update Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2020	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	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	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2020	Quarterly
Fuel Station Entries Catalist Ltd - Experian	September 2020	Quarterly
Gas Pipelines National Grid	September 2020	
Underground Electrical Cables National Grid	August 2020	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2020	Bi-Annually
Areas of Adopted Green Belt Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Northumberland Council - Planning Department Wansbeck District Council (now part of Northumberland Council)	June 2020 June 2020 June 2020	As notified As notified As notified
Areas of Unadopted Green Belt Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Northumberland Council - Planning Department Wansbeck District Council (now part of Northumberland Council)	June 2020 June 2020 June 2020	As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2020	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	July 2019	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	May 2020	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	September 2020	Bi-Annually

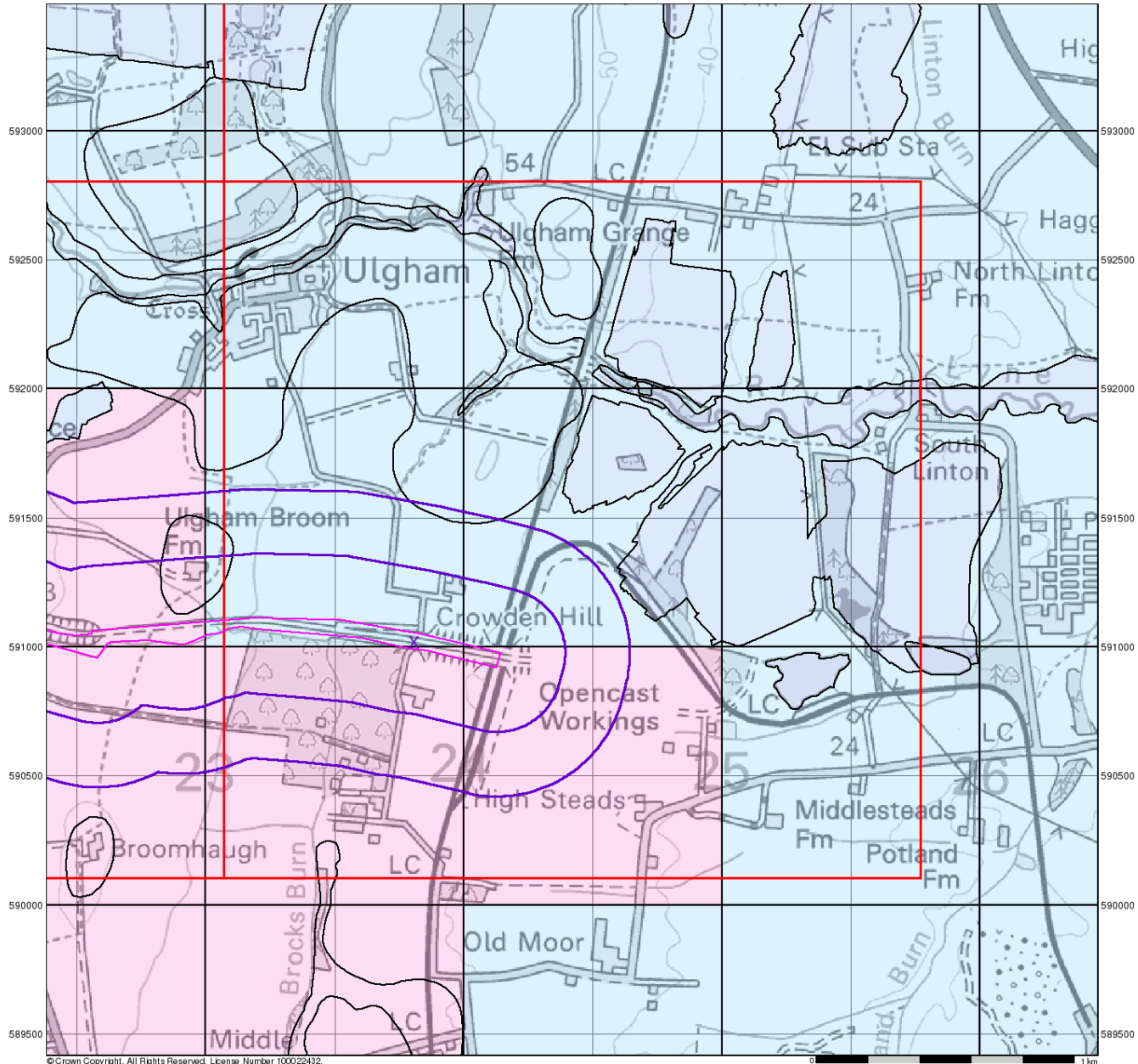
A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	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	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	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
6	Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department County Hall, Morpeth, Northumberland, NE61 2EF	Telephone: 0845 600 6400 Website: www.northumberland.gov.uk
7	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
8	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.

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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

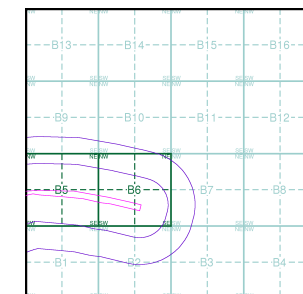
Superficial Aquifers

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

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice B



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 500

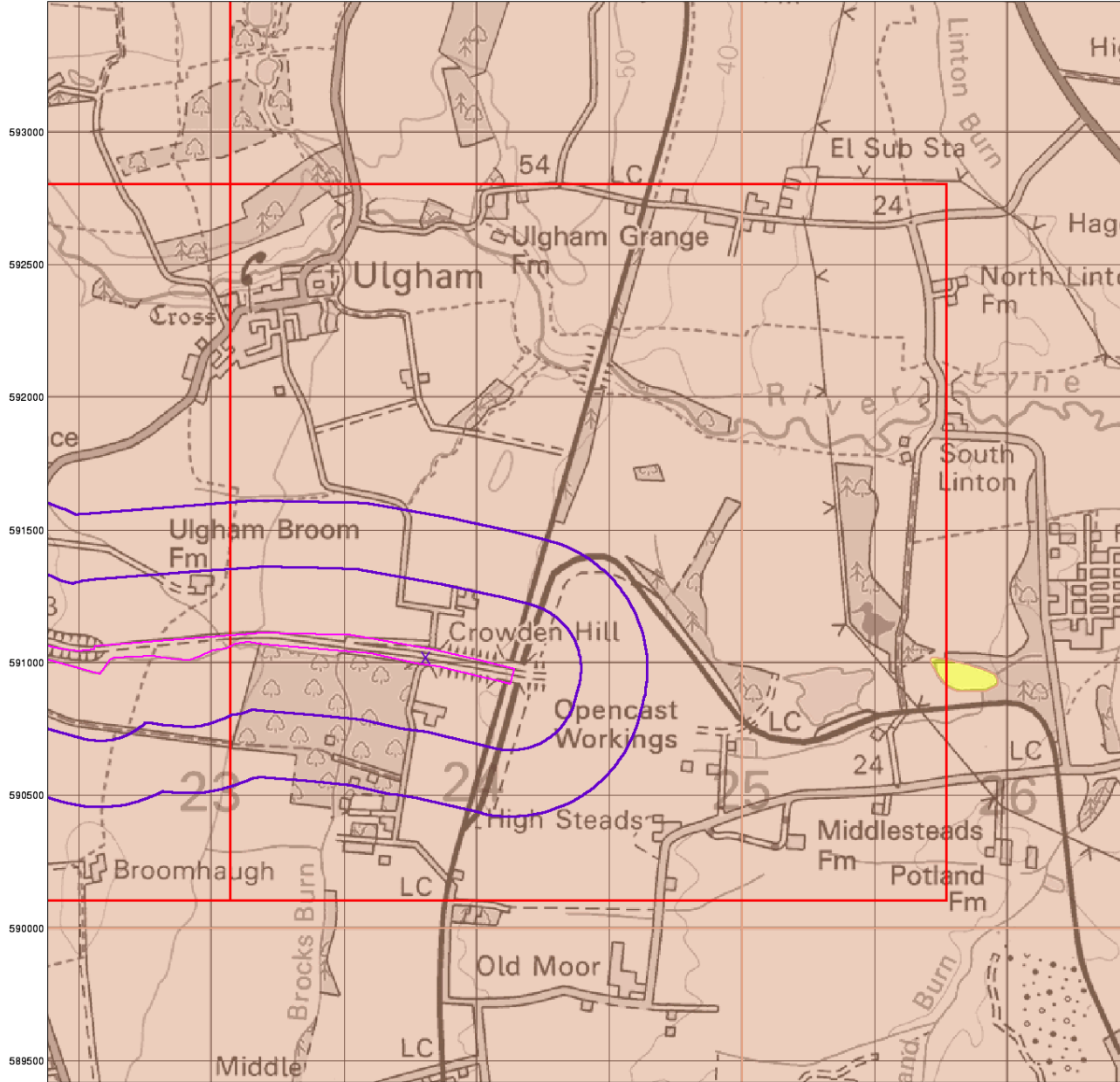
Site Details

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Bedrock Aquifer Designation

General

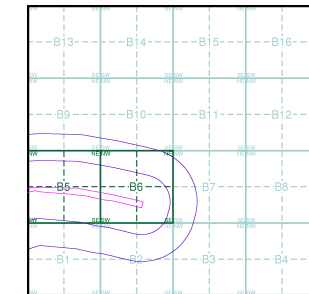
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice B



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 500

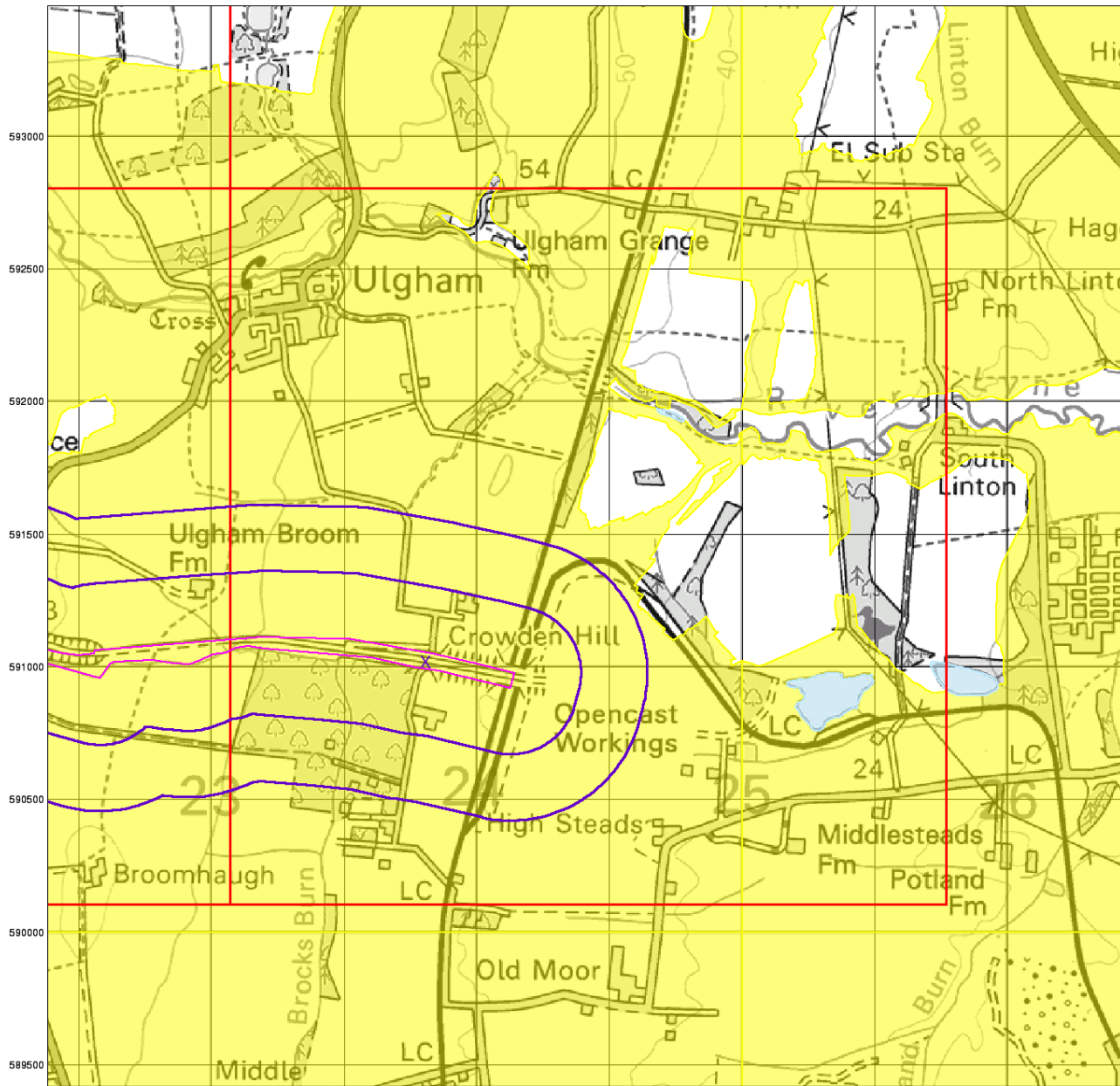
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Superficial Aquifer Designation

General

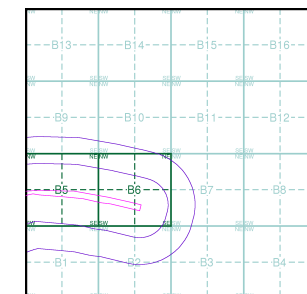
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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 B



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 500

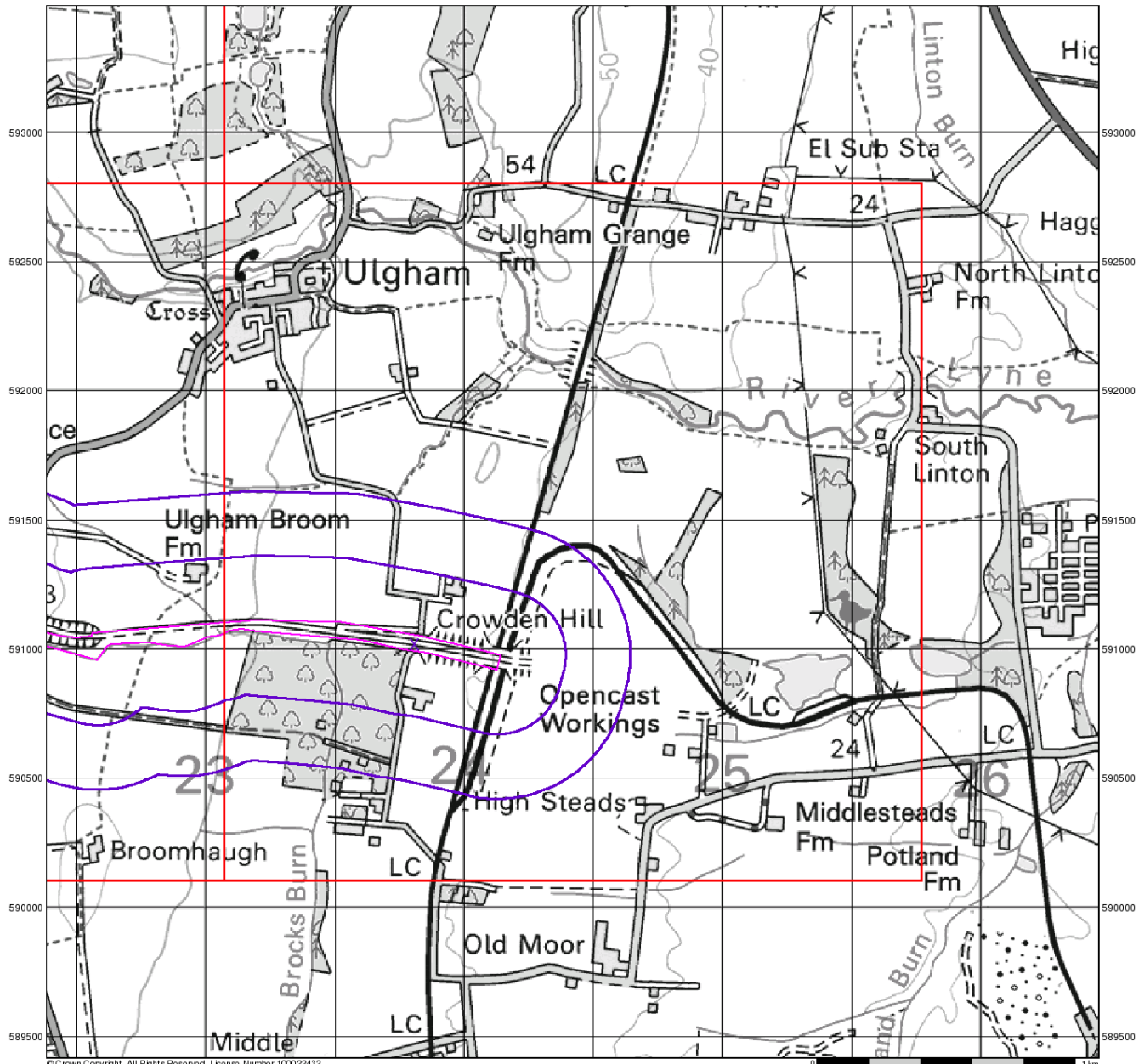
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Source Protection Zones

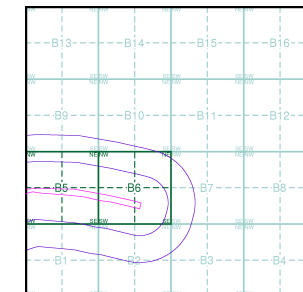
General

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



Order Details

Order Number: 264431527_1_1
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 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 500

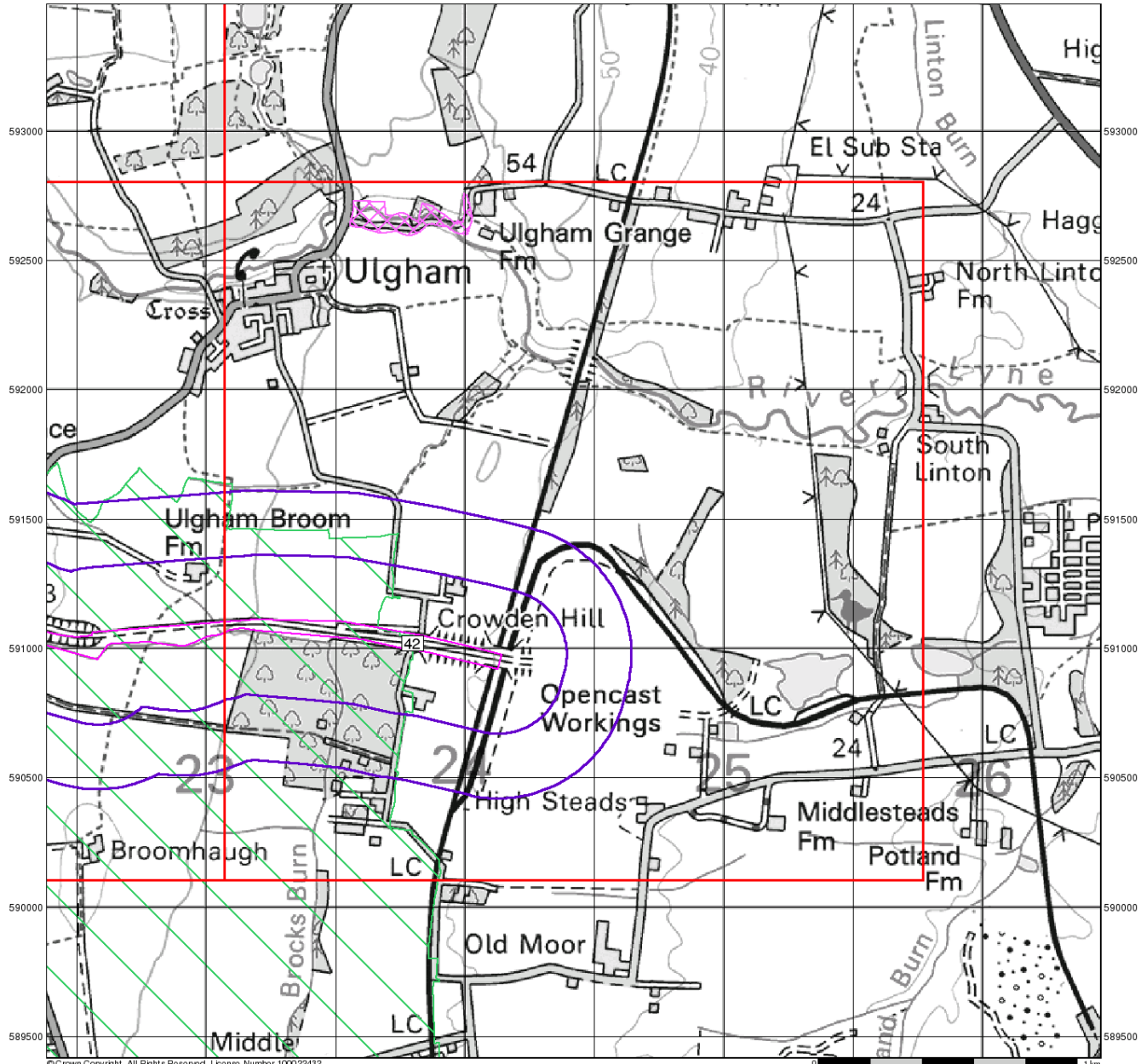
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Sensitive Land Uses

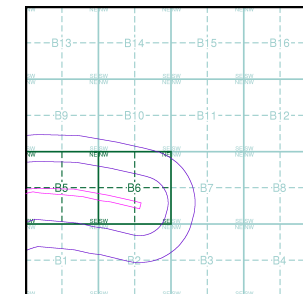
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice B



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 500

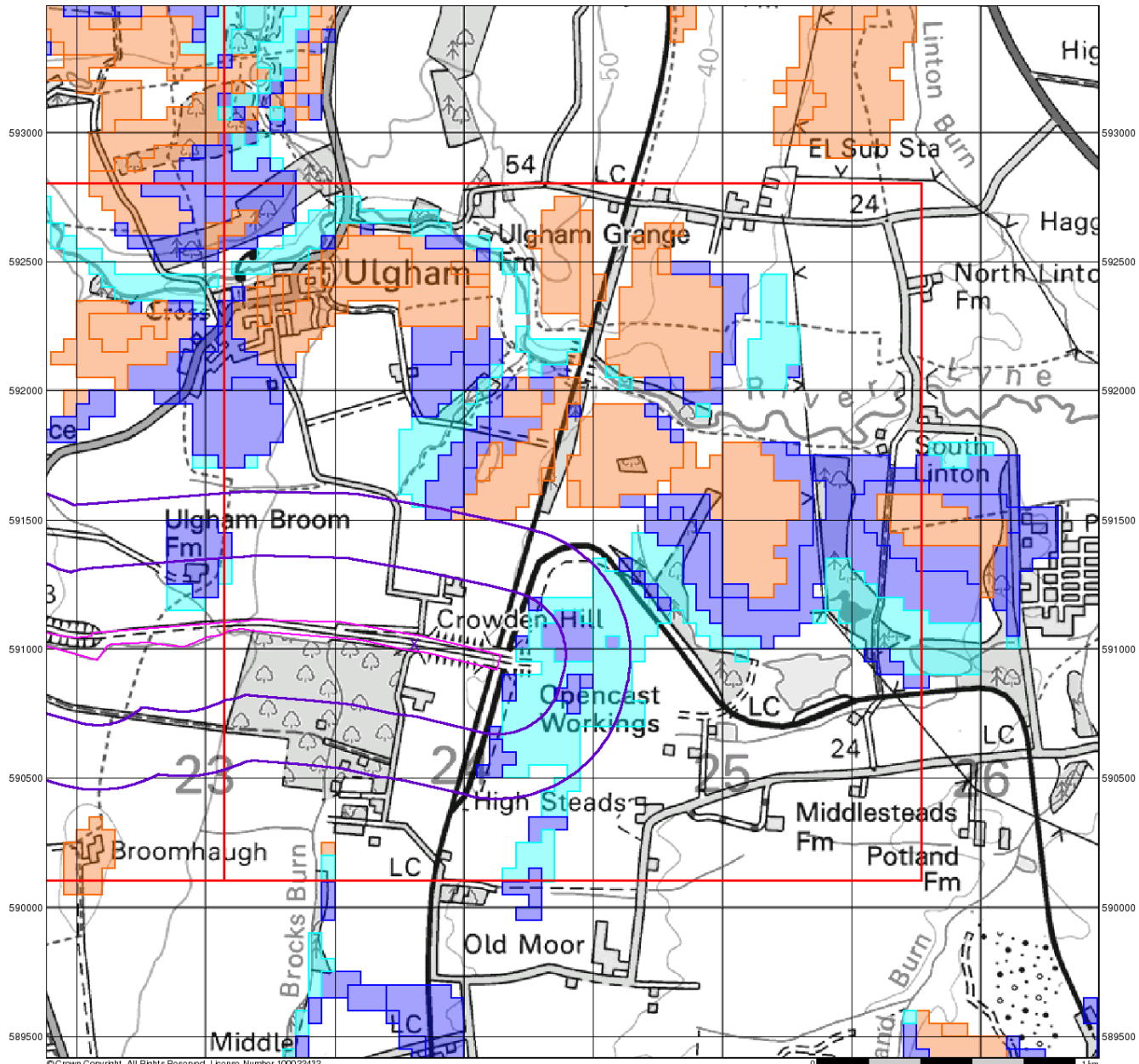
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BGS Flood GFS Data

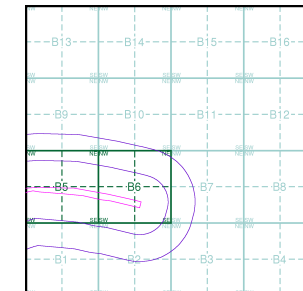
General

- 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 B



Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

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General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- ▲ Enforcement or Prohibition Notice
- ▲ Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- ▲ Local Authority Pollution Prevention and Control
- ▼ Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- ▼ Prosecution Relating to Authorised Processes
- ◆ Prosecution Relating to Controlled Waters
- ▲ Registered Radioactive Substance
- River Network or Water Feature
- + River Quality Sampling Point
- Substantiated Pollution Incident Register
- ◆ Water Abstraction
- ◆ Water Industry Act Referral

Waste

- ▼ BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- ▲ Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- ▼ Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

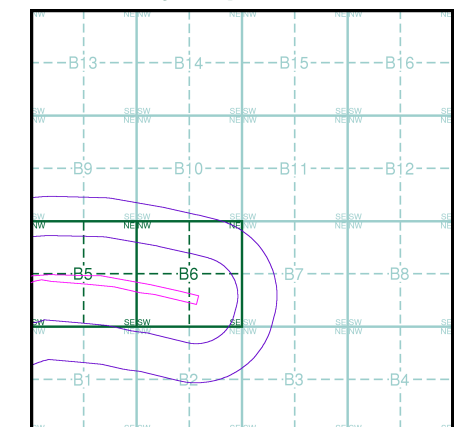
Geological

- ▼ BGS Recorded Mineral Site

Industrial Land Use

- ★ Contemporary Trade Directory Entry
- ★ Fuel Station Entry
- X COMAH Site
- X Explosive Site
- X NIHS Site
- X Planning Hazardous Substance Consent
- X Planning Hazardous Substance Enforcement

Site Sensitivity Map - Slice B

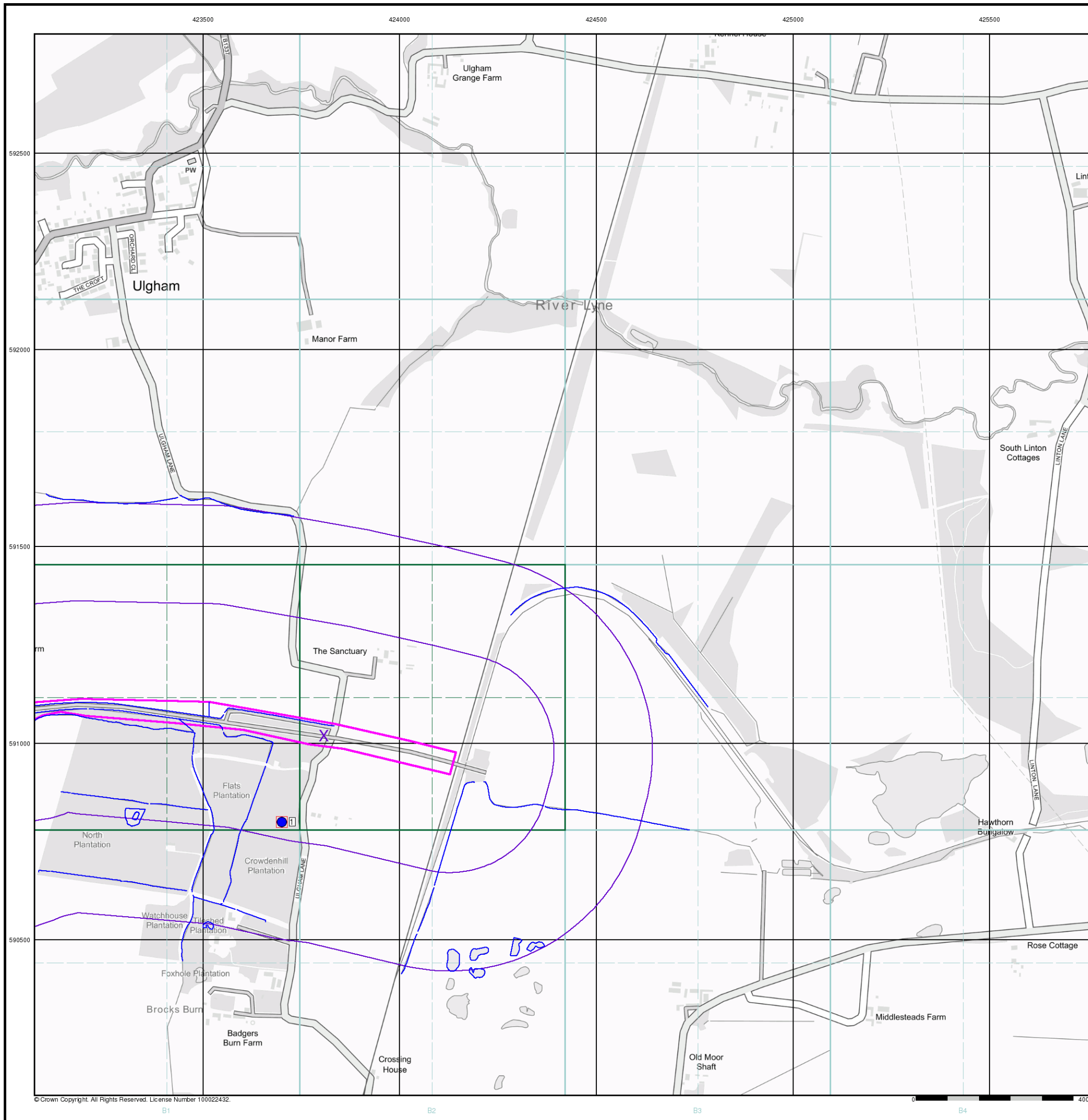


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details






Stobswood Haul Road







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Industrial Land Use Map

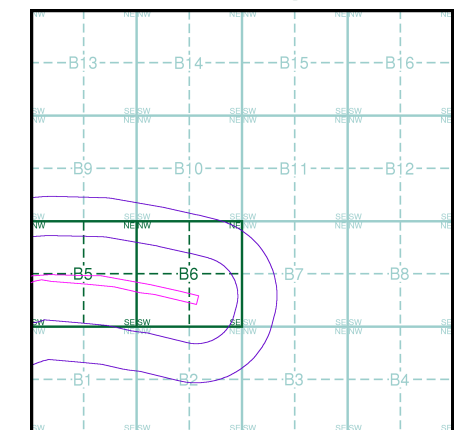
General

-  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 B

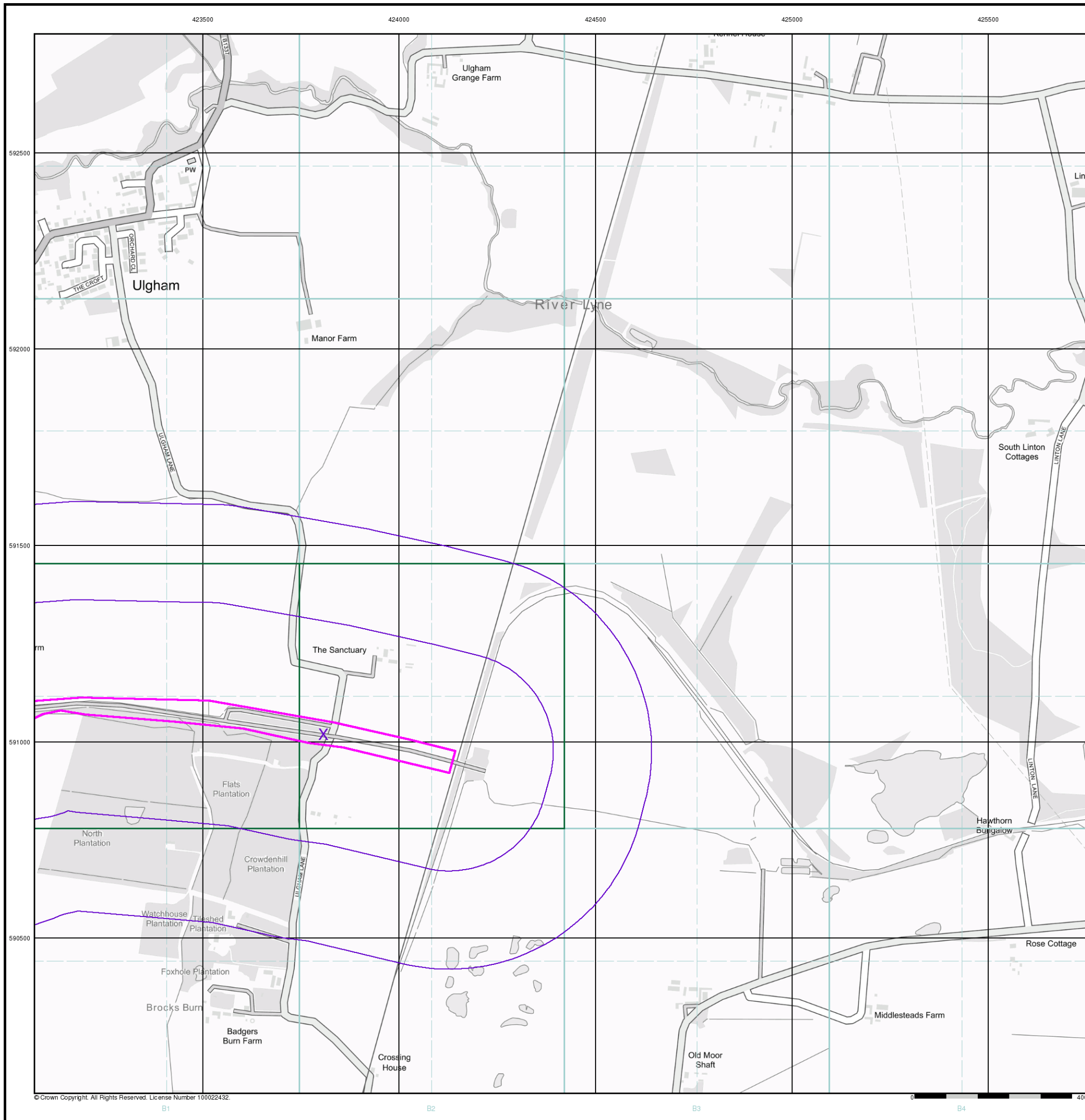


Order Details

Order Number: 264431527_1_1
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 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 500



Site Details

Stobswood Haul Road








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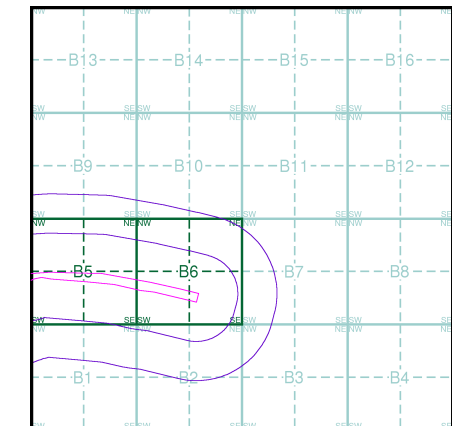
General

-  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 B

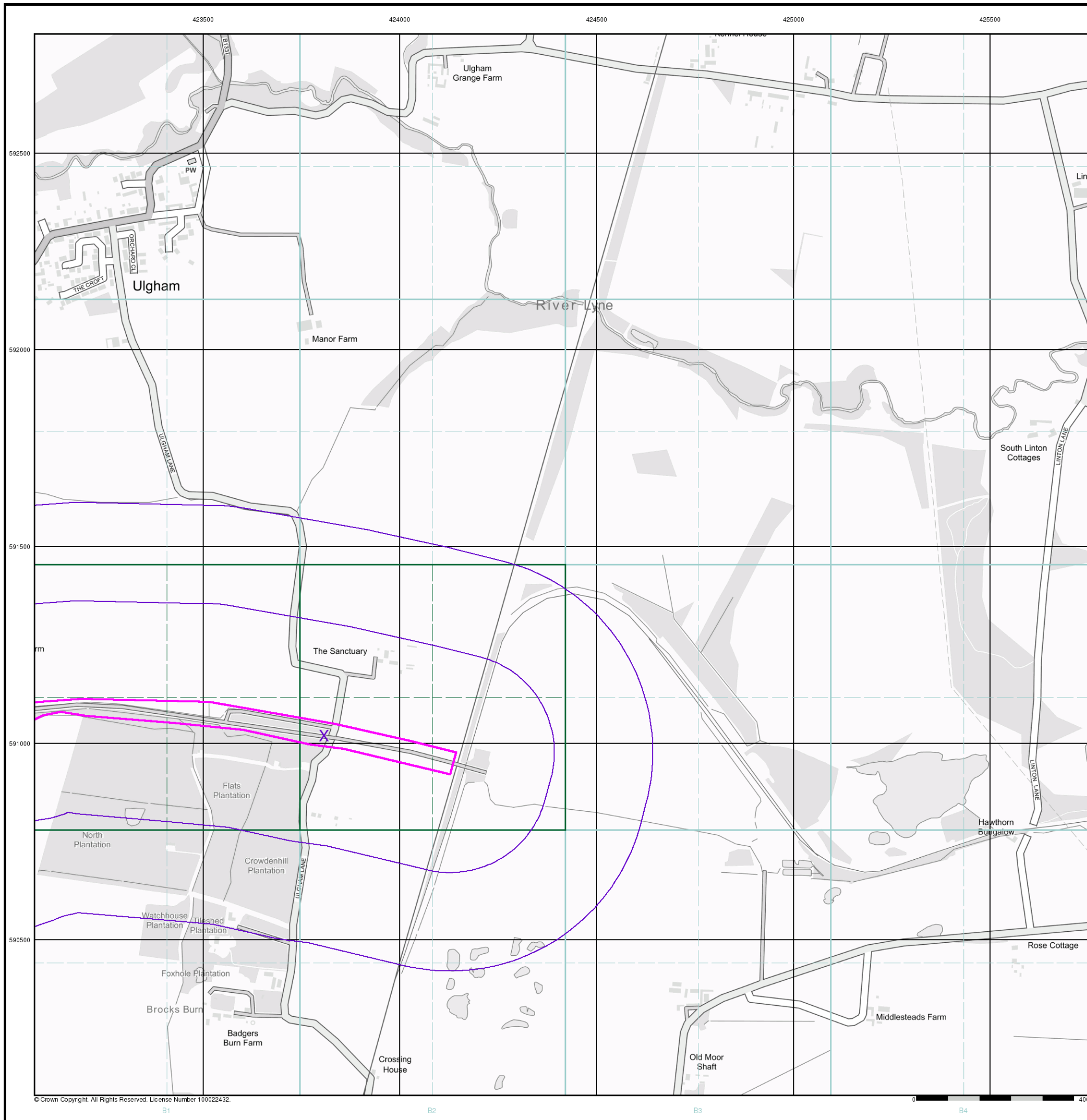


Order Details

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 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 500






Site Details

Stobswood Haul Road








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General

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

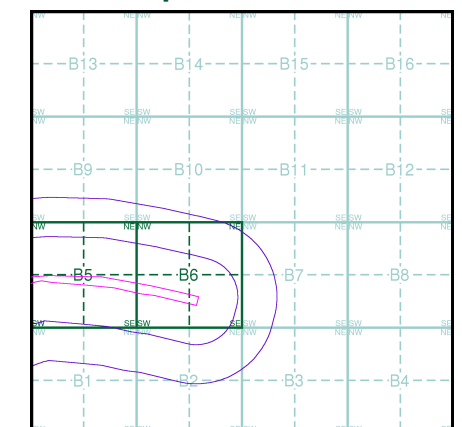
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice B

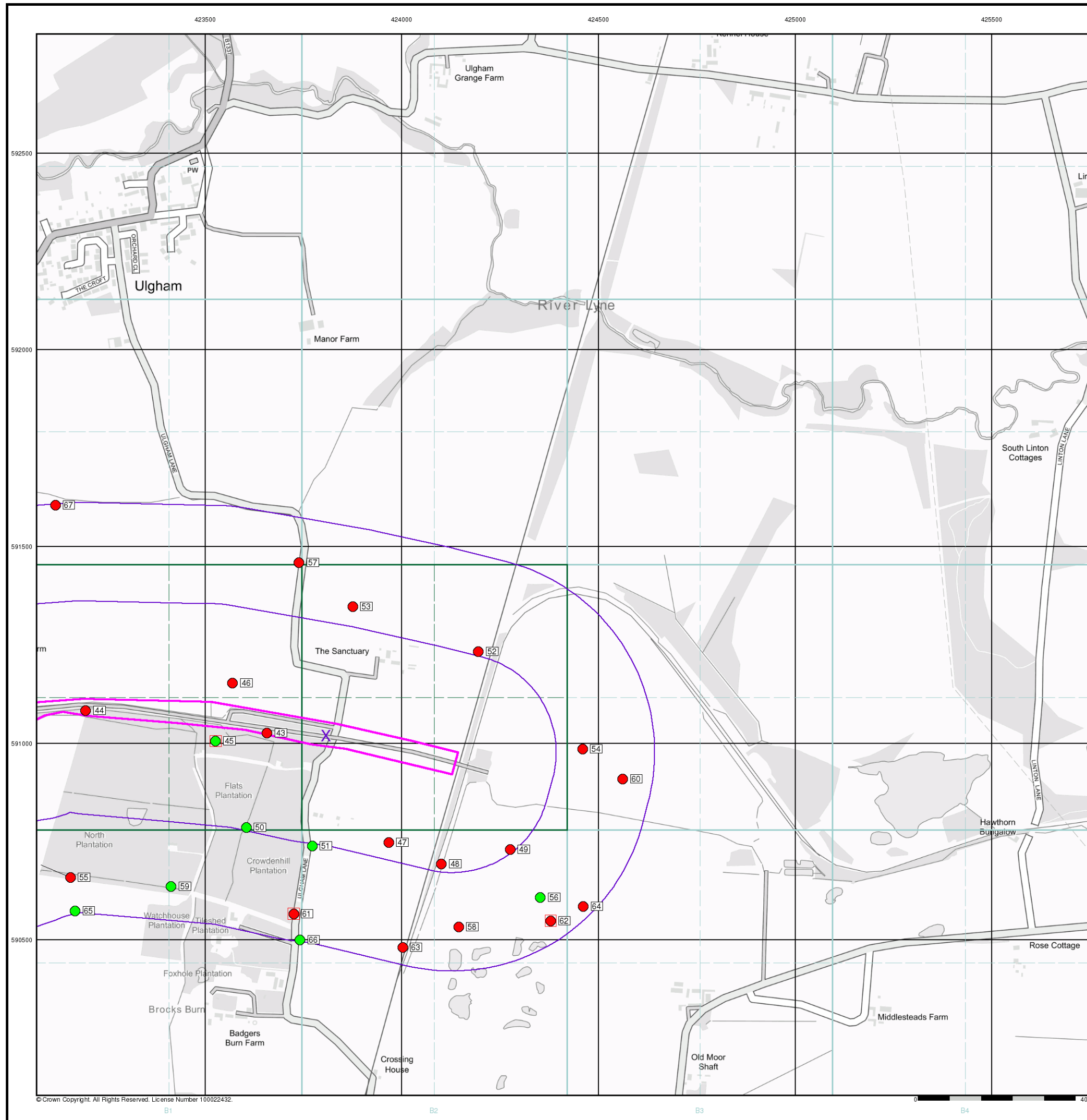


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 500




Site Details

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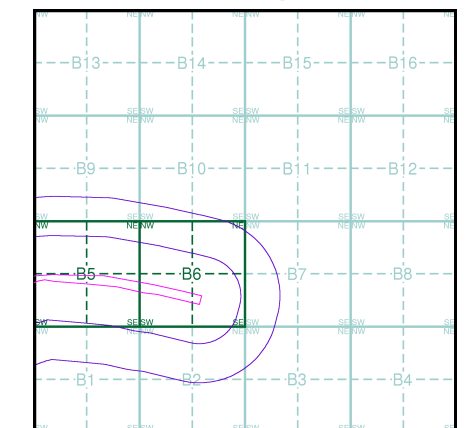
General

-  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 B

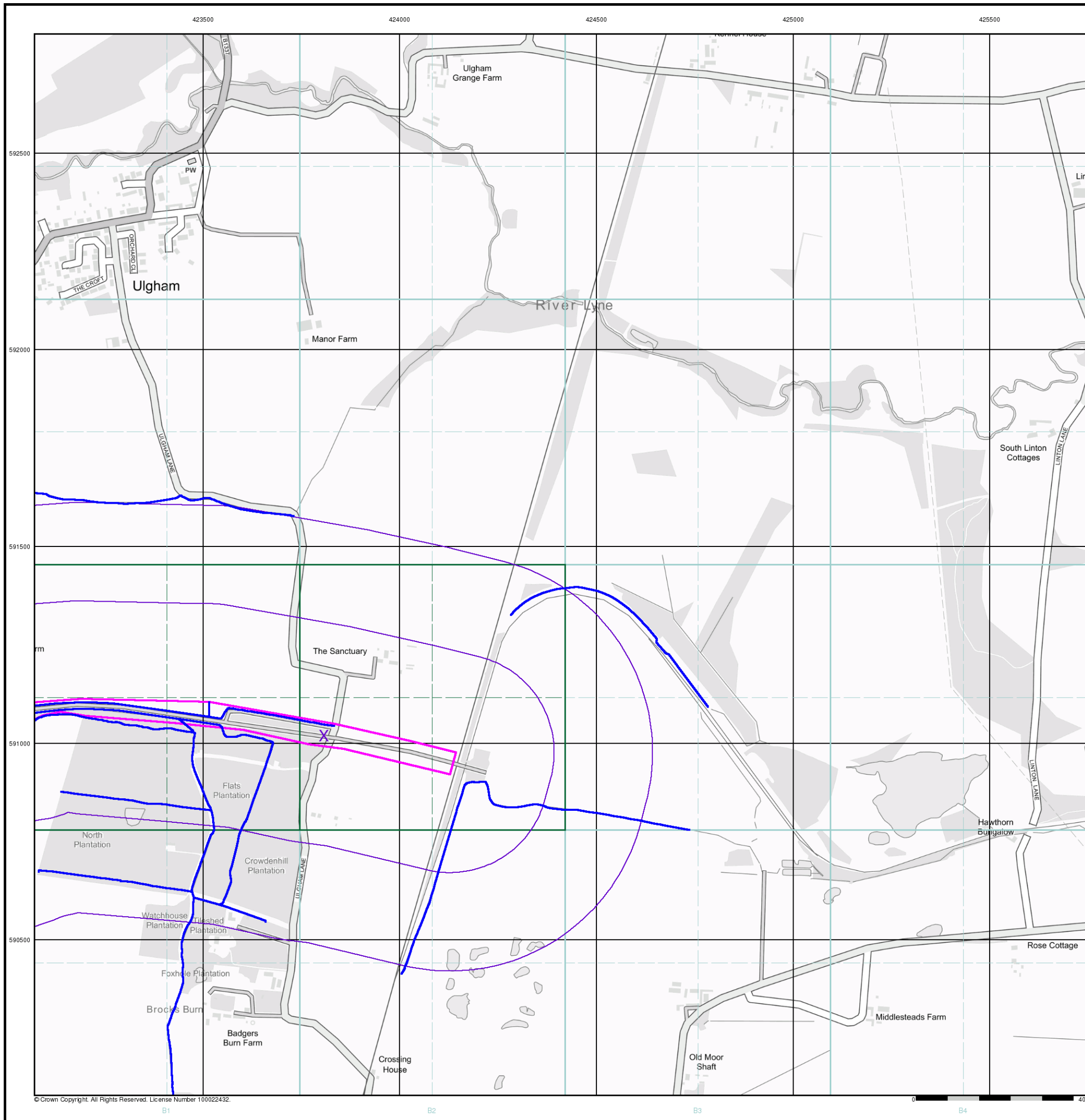


Order Details

Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 423810, 591020
 Slice: B
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road



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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

264431527_1_1

Customer Reference:

3865

National Grid Reference:

421690, 593270

Slice:

C

Site Area (Ha):

20.42

Search Buffer (m):

500

Site Details:

Stobswood Haul Road

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
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Hazardous Substances	-
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Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes
Contaminated Land Register Entries and Notices				
Discharge Consents				
Prosecutions Relating to Controlled Waters			n/a	n/a
Enforcement and Prohibition Notices				
Integrated Pollution Controls				
Integrated Pollution Prevention And Control				
Local Authority Integrated Pollution Prevention And Control				
Local Authority Pollution Prevention and Controls				
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature	pg 4	Yes		
Pollution Incidents to Controlled Waters				
Prosecutions Relating to Authorised Processes				
Registered Radioactive Substances				
River Quality				
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register				
Water Abstractions				
Water Industry Act Referrals				
Groundwater Vulnerability Map	pg 4	Yes	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a
Bedrock Aquifer Designations	pg 5	Yes	n/a	n/a
Superficial Aquifer Designations	pg 5	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences	pg 5	Yes		n/a
Flooding from Rivers or Sea without Defences	pg 5	Yes		n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
OS Water Network Lines	pg 6	4	8	16

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites				
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)				
Local Authority Landfill Coverage	pg 10	2	n/a	n/a
Local Authority Recorded Landfill Sites				
Registered Landfill Sites				
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)				
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents				
Planning Hazardous Substance Enforcements				
Geological				
BGS 1:625,000 Solid Geology	pg 11	Yes	n/a	n/a
BGS Recorded Mineral Sites				
CBSCB Compensation District			n/a	n/a
Coal Mining Affected Areas	pg 11	Yes	n/a	n/a
Mining Instability	pg 11	Yes	n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 11	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 11		Yes	n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 11	Yes	Yes	n/a
Potential for Running Sand Ground Stability Hazards	pg 12	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 12	Yes	Yes	n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a

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

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SW (S)	0	1	421800 592900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	421450 592350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	421500 592300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2SE (S)	0	1	421692 592850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C2NE (SW)	0	1	421692 593266
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	421450 592250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	421550 592550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NE (SW)	6	1	421600 593200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2SE (S)	6	1	421600 592950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NE (W)	7	1	421650 593250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2SE (SW)	12	1	421500 593100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3NW (NE)	13	1	421800 593350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3NW (NE)	14	1	421750 593350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2SE (SW)	16	1	421500 592900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NE (SW)	17	1	421550 593150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	22	1	421500 592800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2SE (S)	28	1	421650 593050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	33	1	421600 592300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	39	1	421350 592250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2NE (SW)	47	1	421550 593200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2SE (S)	50	1	421692 593100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C2NE (N)	52	1	421692 593350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2SE (S)	56	1	421650 592950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	58	1	421400 592450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NE (SW)	59	1	421500 593150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2NE (N)	63	1	421692 593400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NE (W)	76	1	421550 593250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	84	1	421350 592400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	98	1	421400 592550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NW (SE)	105	1	421800 593150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2SE (S)	106	1	421692 592950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	118	1	421700 592500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	126	1	421650 592300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3NW (E)	131	1	421950 593266
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2SE (S)	140	1	421700 593000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	172	1	421692 592300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SW (S)	186	1	421750 593000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3NW (E)	195	1	422000 593250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C2NE (NW)	195	1	421600 593400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	196	1	421250 592450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SW (S)	204	1	421750 592950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	225	1	421300 592750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NW (E)	228	1	422050 593350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SW (SE)	251	1	421850 593000

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	C3NW (E)	251	1	422000 593150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NE (NW)	265	1	421550 593450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NE (E)	277	1	422100 593300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C2NE (NW)	296	1	421500 593450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SW (SE)	306	1	421850 592900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3NE (E)	327	1	422150 593300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3NE (E)	332	1	422100 593150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	340	1	422100 592650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	344	1	421900 592800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	353	1	421050 592550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NE (NW)	358	1	421400 593450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (E)	361	1	422100 593100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NW (NW)	391	1	421350 593450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C2NW (W)	396	1	421300 593400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NE (E)	400	1	422200 593200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (E)	401	1	422150 593100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (SE)	421	1	422100 593000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SW (SE)	425	1	422000 592900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3NE (E)	447	1	422250 593200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SW (SE)	454	1	422000 592850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	485	1	421000 592600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (SE)	491	1	422150 592950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2NW (W)	494	1	421050 593200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SW (SE)	496	1	422050 592850
	Nearest Surface Water Feature	C3NW (NE)	0	-	421793 593316
	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: >90% Patchiness: Superficial >10m Thickness: Superficial High Recharge:	C2SE (S)	0	2	421675 592839
	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: >90% Patchiness: Superficial >10m Thickness: Superficial High Recharge:	(S)	0	2	422000 592490
	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: >90% Patchiness: Superficial >10m Thickness: Superficial Low Recharge:	C2NE (SW)	0	2	421692 593266
	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: >90% Patchiness: Superficial >10m Thickness: Superficial High Recharge:	C2SE (S)	0	2	421692 593000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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: >10m Superficial Recharge: High	(S)	0	2	422000 592396
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: High	(S)	0	2	421665 592278
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: High	(S)	0	2	421362 592294
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	C2NE (SW)	0	2	421692 593266
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C2NE (SW)	0	2	421692 593266
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C3NW (E)	0	3	421740 593265
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C3NW (E)	0	3	421745 593266
	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
1	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.9 Watercourse Level: Underground Permanent: True Watercourse Name: Bailiff's Letch Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C3NW (NE)	0	4	421793 593316
2	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bailiff's Letch Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C3NW (N)	0	4	421721 593339
3	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 471.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C2SE (SW)	0	4	421537 593022
4	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 642.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C2SE (S)	0	4	421717 592948
5	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 304.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bailiff's Letch Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C3NW (E)	3	4	421809 593309
6	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 367.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C2NE (NW)	69	4	421641 593291
7	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bailiff's Letch Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C2NE (N)	69	4	421708 593342
8	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bailiff's Letch Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C2NE (N)	114	4	421665 593349
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 207.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bailiff's Letch Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C2NE (NW)	127	4	421650 593353

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C2NE (NW)	127	4	421650 593353
11	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 51.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C2NE (N)	143	4	421653 593376
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C3SW (SE)	215	4	421940 593129
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 158.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bailiff's Letch Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C3SW (SE)	273	4	421998 593110
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 264.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C2NE (NW)	313	4	421494 593467
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bailiff's Letch Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C2NE (NW)	313	4	421494 593467
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C2SW (SW)	315	4	421204 592829
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 2	C2SW (SW)	315	4	421204 592829
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 2	C2SW (SW)	320	4	421199 592833

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 2	C2SW (SW)	322	4	421197 592835
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 187.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bailiff's Letch Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C2NE (NW)	327	4	421461 593458
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 826.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C2SW (SW)	329	4	421161 592931
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 171.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C2NW (W)	347	4	421271 593281
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Bailiff's Letch Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C3SE (SE)	419	4	422100 593003
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bailiff's Letch Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C3SE (SE)	423	4	422103 593000
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 2	C3SW (SE)	466	4	422035 592813
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 2	C3SE (SE)	469	4	422132 592962
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Lyne and Druridge Bay Coast Primacy: 2	C3SE (SE)	469	4	422132 592962

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 200.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bailiff's Letch Catchment Name: Lyne and Druridge Bay Coast Primacy: 1	C3SE (SE)	469	4	422132 592962

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Castle Morpeth Borough Council - Has supplied landfill data		0	6	421692 593266
	Local Authority Landfill Coverage Name: Northumberland County Council - Has supplied landfill data		0	5	421692 593266

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	C2NE (SW)	0	1	421692 593266
	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.	C2NE (SW)	0	7	421692 593266
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	C2NE (SW)	0	-	421692 593266
	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	C2NE (SW)	0	1	421692 593266
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2NE (N)	9	1	421703 593339
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	51	1	421845 593277
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2NE (SE)	0	1	421707 593243
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2NE (SW)	2	1	421692 593266
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2NE (N)	9	1	421703 593339
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2SE (S)	17	1	421639 592941
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C2NE (N)	27	1	421706 593377
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2SE (S)	40	1	421719 593112
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	48	1	421867 593313
	Potential for Compressible Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	51	1	421845 593277
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SW (S)	198	1	421769 592956
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2NE (SW)	0	1	421692 593266
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3NW (NE)	0	1	421732 593321
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2NE (SW)	0	1	421692 593266
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C2SE (SW)	4	1	421526 593093

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C2NE (SW)	7	1	421620 593179
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C3NW (NE)	7	1	421758 593335
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C2SE (S)	39	1	421638 593099
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3SW (S)	41	1	421726 593137
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C2NE (NW)	44	1	421653 593287
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3NW (NE)	60	1	421799 593397
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	62	1	421876 593290
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C2NE (N)	72	1	421719 593383
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C2SE (SW)	82	1	421436 592866
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C2NE (NW)	93	1	421514 593447
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C2SE (S)	112	1	421679 592946
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	126	1	421948 593325
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C3SW (SE)	156	1	421852 593128
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2NE (NW)	228	1	421538 593393
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	234	1	422007 593188
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2NE (SW)	0	1	421692 593266
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C2SE (S)	0	1	421675 592839
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	51	1	421845 593277
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C2NE (SW)	0	1	421692 593266
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2SE (S)	0	1	421675 592839
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2NE (N)	9	1	421703 593339

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NW (E)	51	1	421845 593277
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2NE (N)	58	1	421692 593397
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C2NE (NW)	183	1	421599 593384
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	C2NE (SW)	0	1	421692 593266
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	C2NE (SW)	0	1	421692 593266

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Ancient Woodland Name: Robinhood Wood Reference: 1101612 Area(m ²): 74139.25 Type: Ancient and Semi-Natural Woodland	C2NE (NW)	74	8	421634 593292

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Northumberland Council - Environmental Health Department Environment Agency - Head Office Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	January 2020 June 2020 October 2009	Annually Annually Not Applicable
Discharge Consents Environment Agency - North East Region	July 2020	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - North East Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - North East Region	July 2020	Quarterly
Local Authority Integrated Pollution Prevention And Control Northumberland Council - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	May 2014 September 2008	Variable Not Applicable
Local Authority Pollution Prevention and Controls Northumberland Council - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	May 2014 September 2008	Annually Not Applicable
Local Authority Pollution Prevention and Control Enforcements Northumberland Council - Environmental Health Department Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department	May 2014 September 2008	Variable Not Applicable
Nearest Surface Water Feature Ordnance Survey	August 2020	
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - North East Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - North East Region	June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	July 2020 July 2020	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	July 2020	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually

Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2020	Quarterly
Flood Defences Environment Agency - Head Office	September 2020	Quarterly
OS Water Network Lines Ordnance Survey	June 2020	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	July 2020 July 2020	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	July 2020 July 2020	Quarterly Quarterly
Local Authority Landfill Coverage Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department Northumberland County Council (now part of Northumberland Council)	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department Northumberland County Council (now part of Northumberland Council)	May 2000 May 2000	Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - North East Area Environment Agency - North East Region - Northumbria Area	March 2003 March 2003	Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Northumberland County Council (now part of Northumberland Council) - Minerals Waste and Development Control Northumberland Council - Planning Department	August 2009 October 2008 October 2015	Not Applicable Annual Rolling Update Variable
Planning Hazardous Substance Consents Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Northumberland County Council (now part of Northumberland Council) - Minerals Waste and Development Control Northumberland Council - Planning Department	August 2009 October 2008 October 2015	Not Applicable Annual Rolling Update Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2020	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	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	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

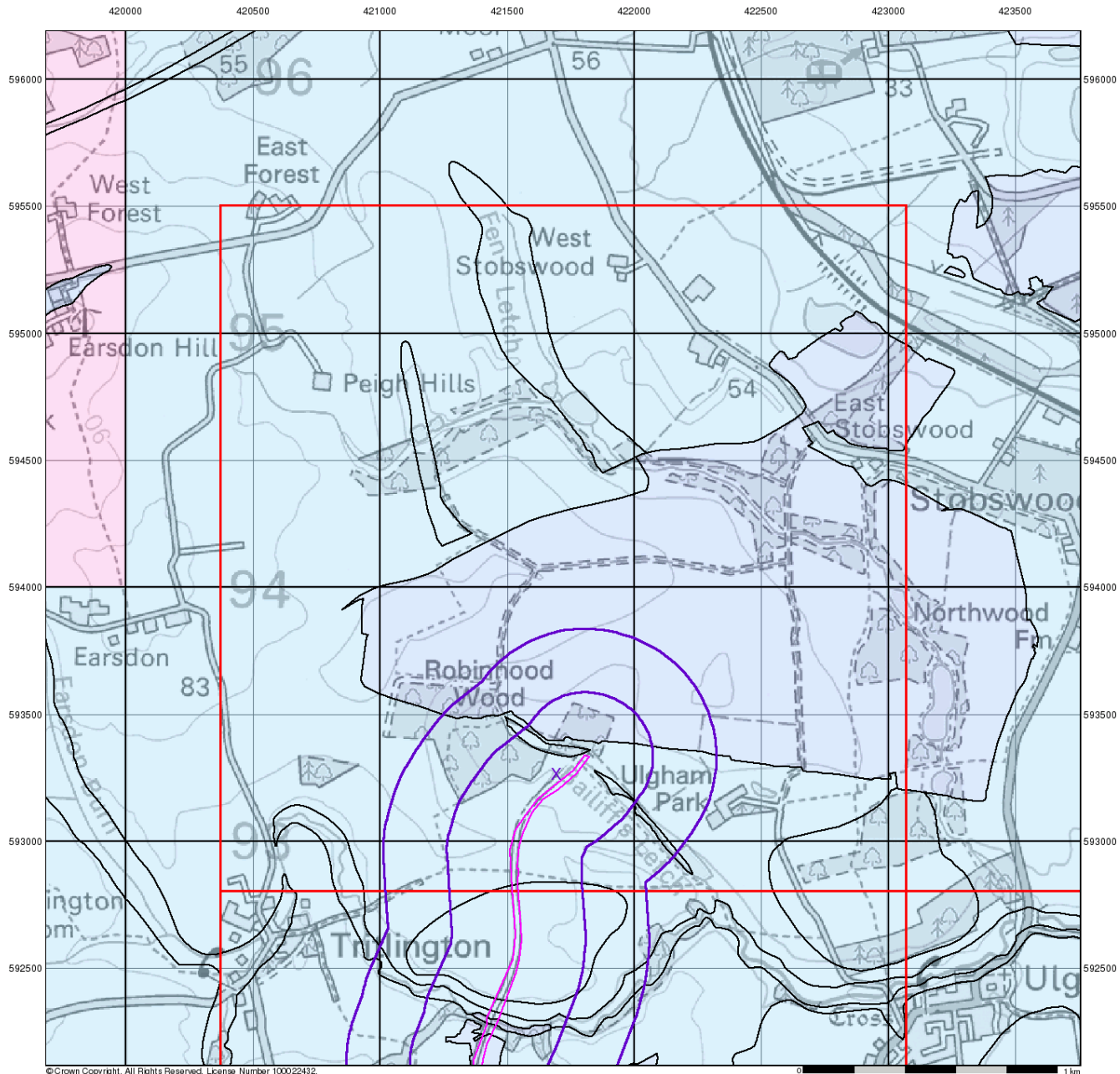
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2020	Quarterly
Fuel Station Entries Catalist Ltd - Experian	September 2020	Quarterly
Gas Pipelines National Grid	September 2020	
Underground Electrical Cables National Grid	August 2020	
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2020	Bi-Annually
Areas of Adopted Green Belt Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Northumberland Council - Planning Department	June 2020 June 2020	As notified As notified
Areas of Unadopted Green Belt Castle Morpeth Borough Council (now part of Northumberland Council) - Planning Department Northumberland Council - Planning Department	June 2020 June 2020	As notified As notified
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2020	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	July 2019	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	May 2020	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	September 2020	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 <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	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 - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	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
6	Castle Morpeth Borough Council (now part of Northumberland Council) - Environmental Health Department County Hall, Morpeth, Northumberland, NE61 2EF	Telephone: 0845 600 6400 Website: www.northumberland.gov.uk
7	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
8	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.



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Groundwater Vulnerability

General

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

Agency and Hydrological

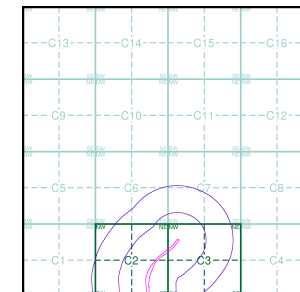
Bedrock Aquifers

- 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 C



Order Details

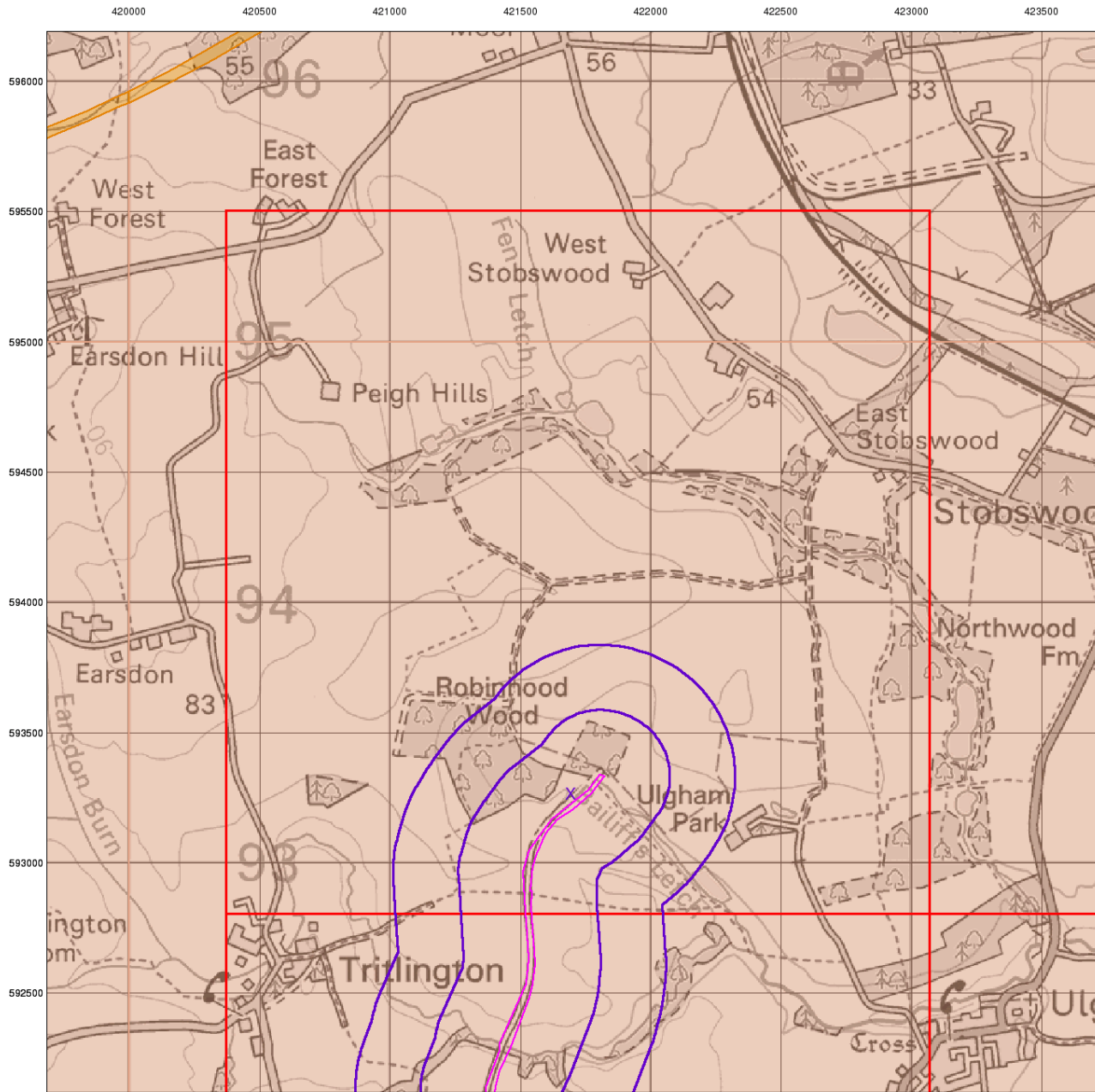
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 National Grid Reference: 421690, 593270
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 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

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Bedrock Aquifer Designation

General

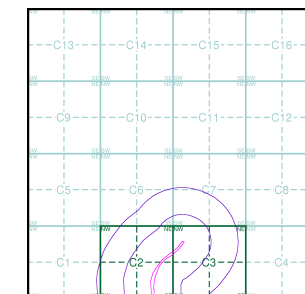
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-  Specified Buffer(s)
-  Bearing Reference Point
-  Slice
-  Map ID

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 C



Order Details

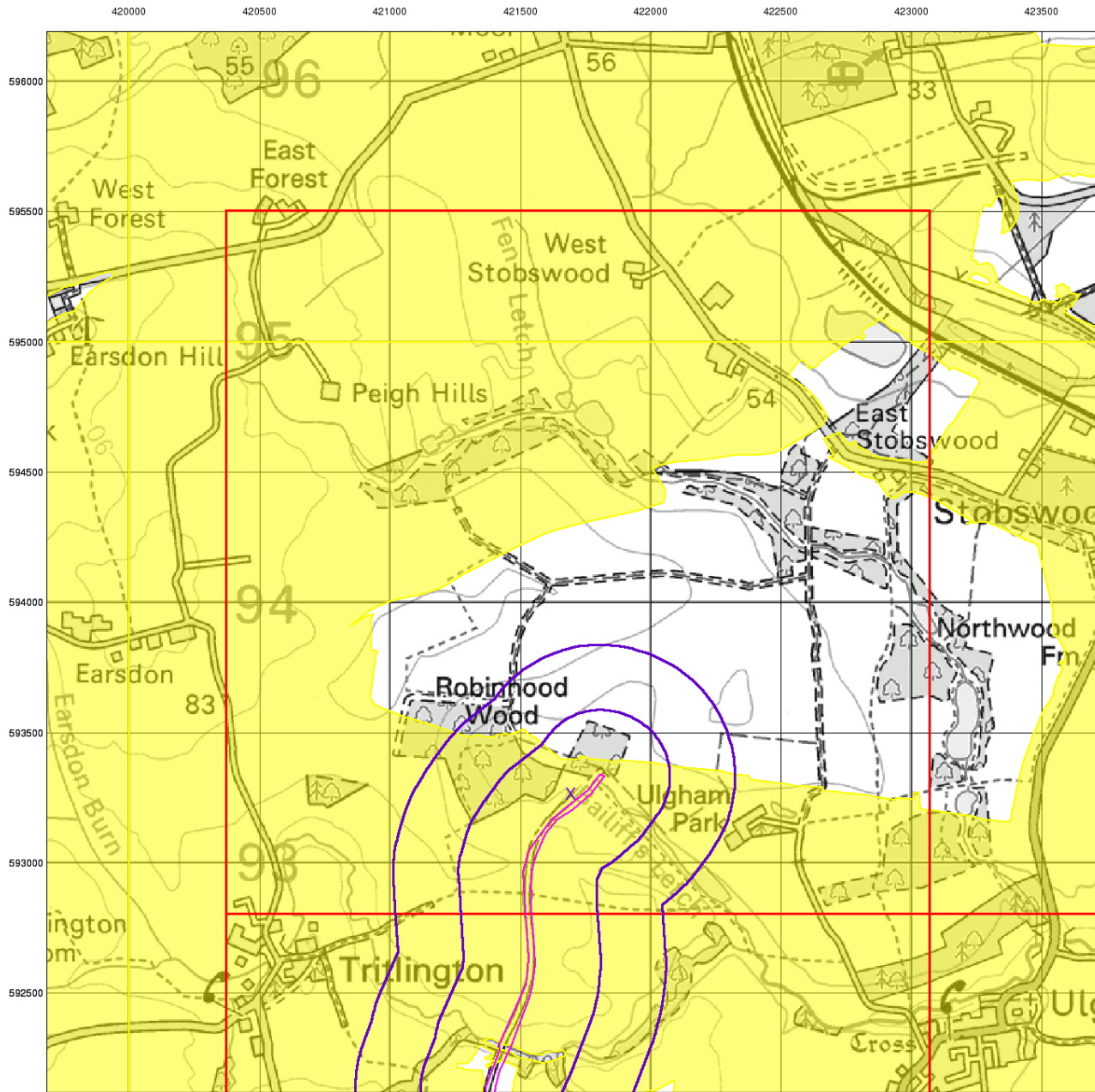
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 Site Area (Ha): 20.42
 Search Buffer (m): 500

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Superficial Aquifer Designation

General

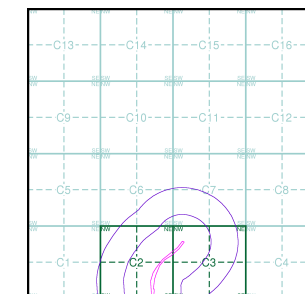
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- Specified Buffer(s)
- ✕ Bearing Reference Point
- Slice
- Map ID

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 C



Order Details

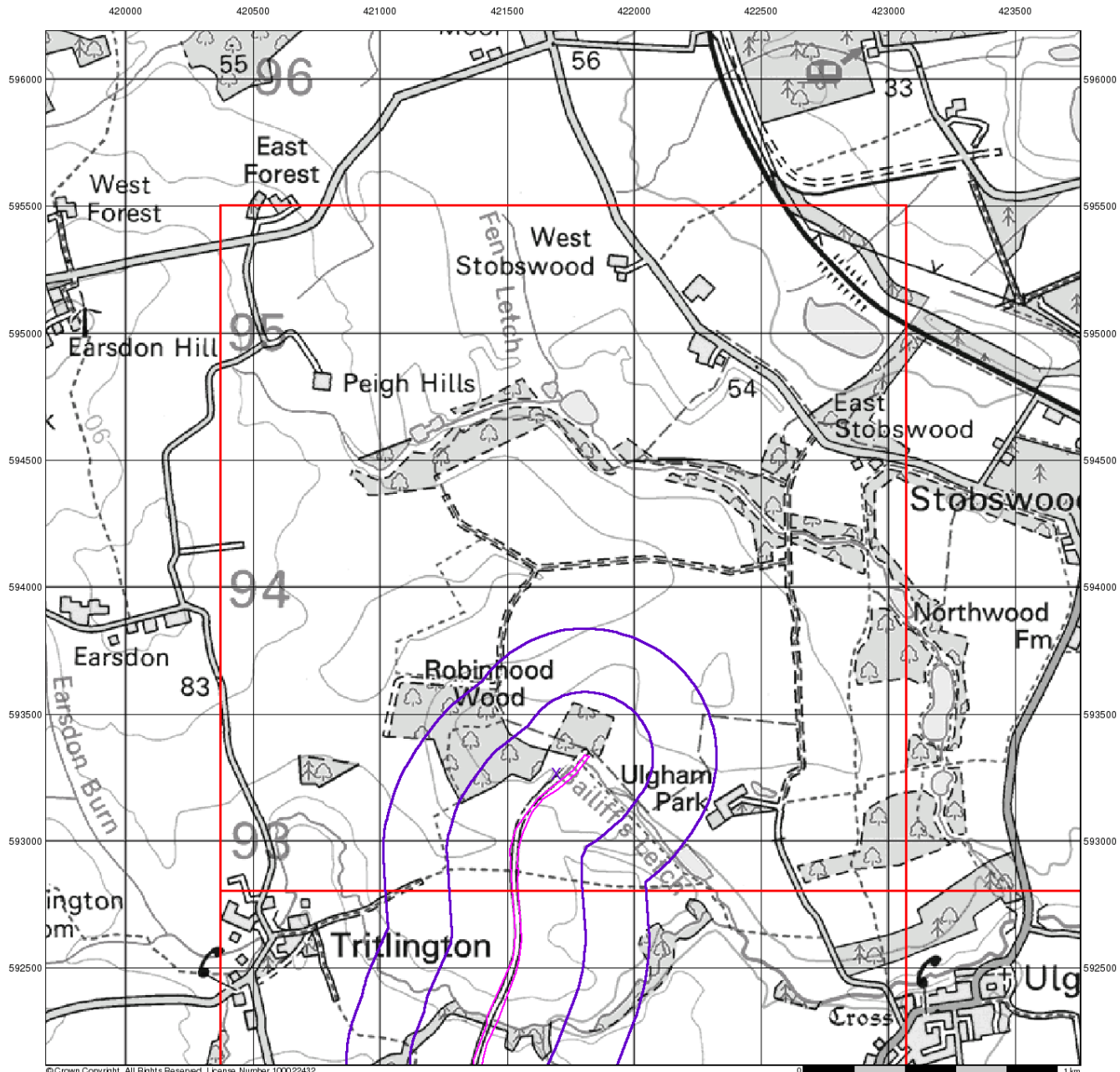
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 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road

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Source Protection Zones

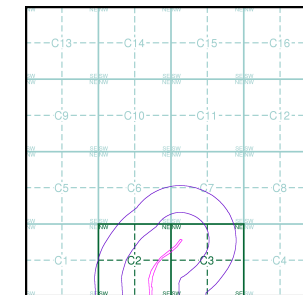
General

-  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 C



Order Details

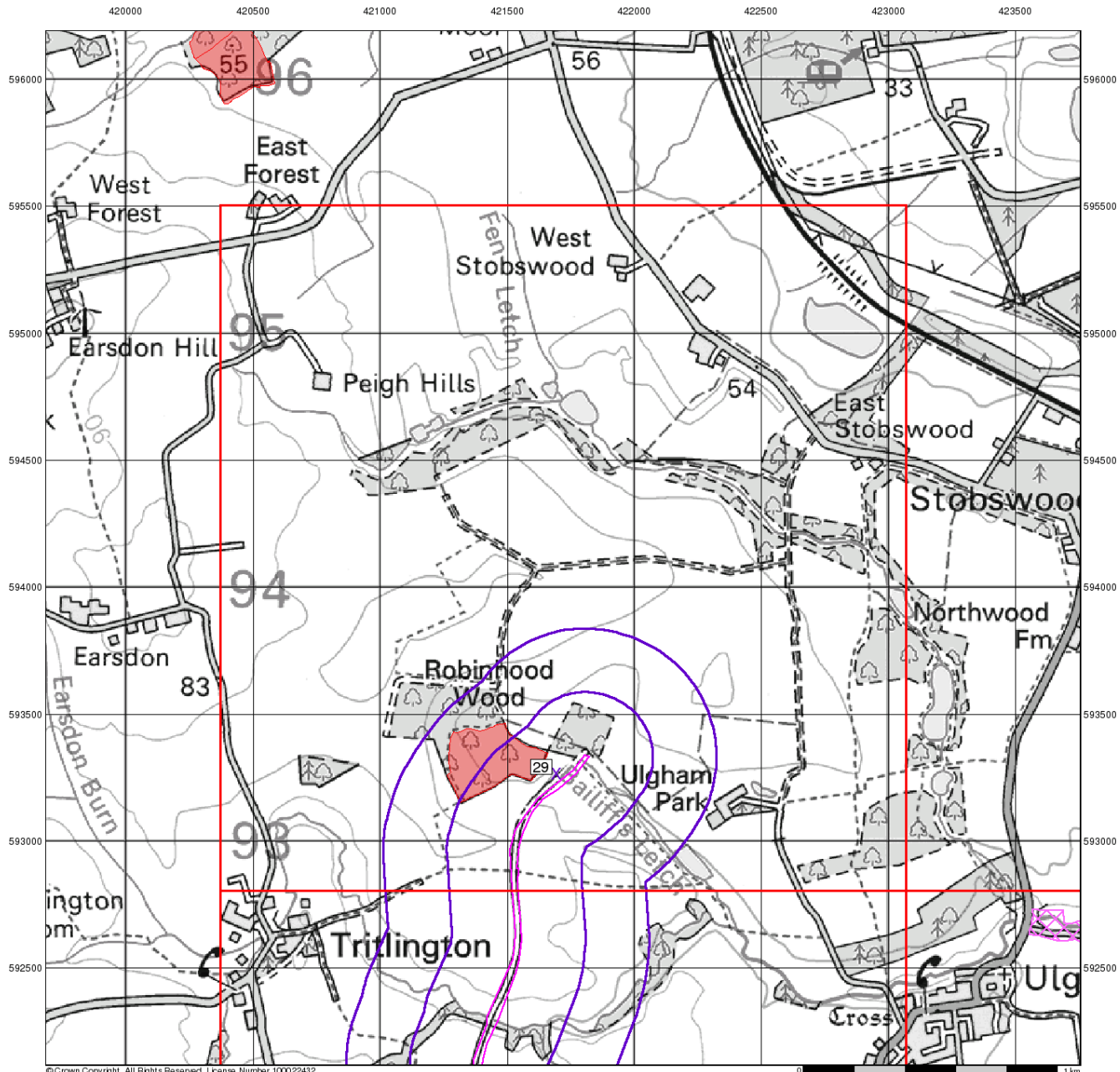
Order Number: 264431527_1_1
 Customer Ref: 3865
 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details

Stobswood Haul Road

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Sensitive Land Uses

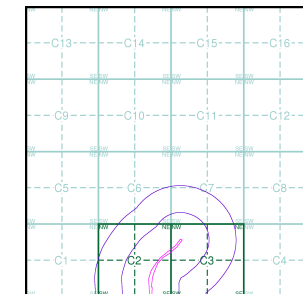
General

-  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 C



Order Details

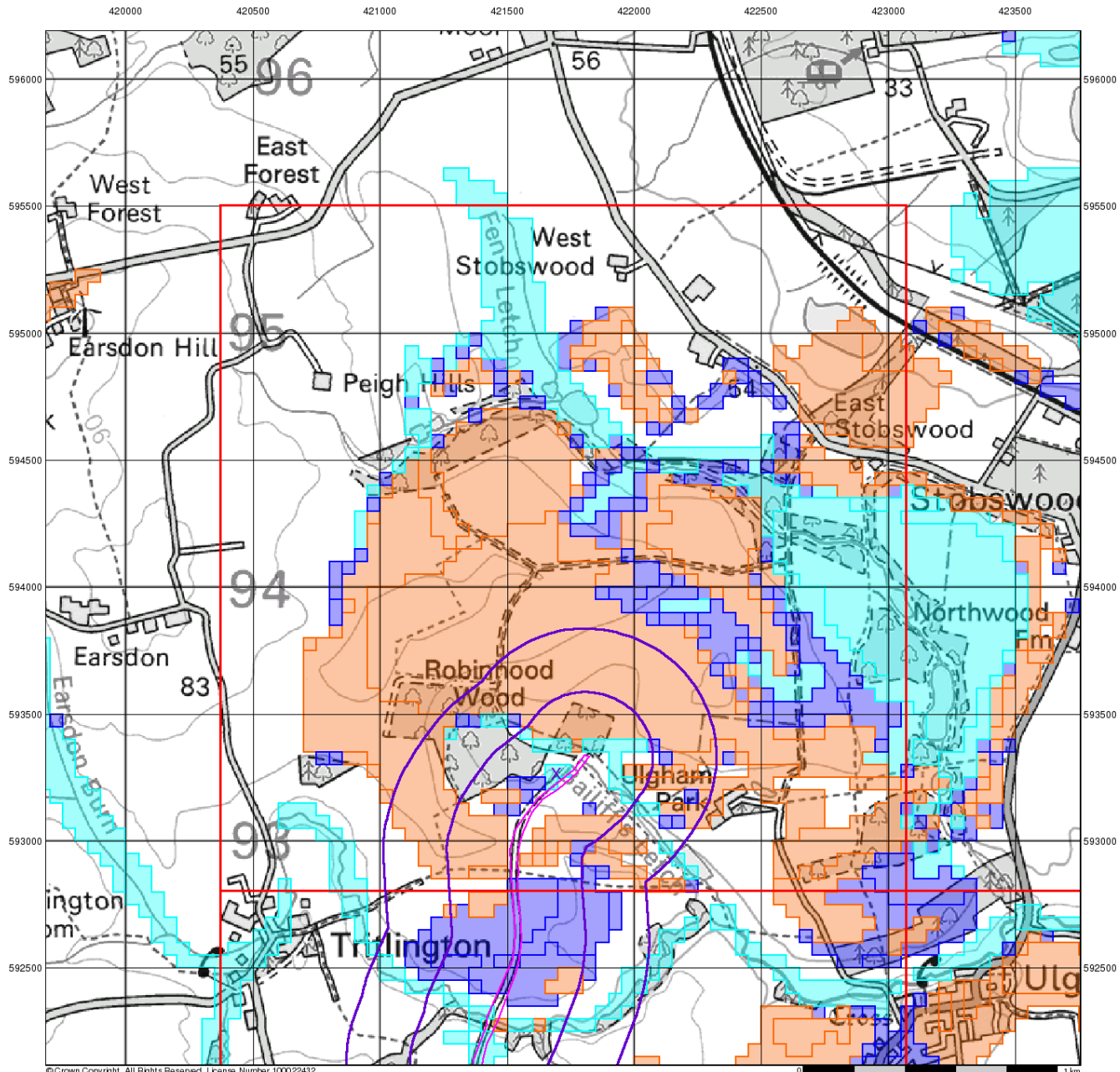
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Site Details

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0 1 km

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BGS Flood GFS Data

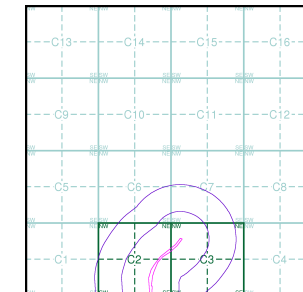
General

- 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 C



Order Details

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Site Details

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General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- ◻ Contaminated Land Register Entry or Notice
- ◆ Discharge Consent
- ▲ Enforcement or Prohibition Notice
- ▲ Integrated Pollution Control
- Integrated Pollution Prevention Control
- ◻ Local Authority Integrated Pollution Prevention and Control
- ▲ Local Authority Pollution Prevention and Control
- ▼ Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- ▼ Prosecution Relating to Authorised Processes
- ◆ Prosecution Relating to Controlled Waters
- ▲ Registered Radioactive Substance
- River Network or Water Feature
- + River Quality Sampling Point
- Substantiated Pollution Incident Register
- ◆ Water Abstraction
- ◆ Water Industry Act Referral

Waste

- ▼ BGS Recorded Landfill Site (Location)
- ◻ BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- ▲ Integrated Pollution Control Registered Waste Site
- ◻ Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- ◻ Local Authority Recorded Landfill Site (Location)
- ◻ Local Authority Recorded Landfill Site
- ◻ Registered Landfill Site
- ▼ Registered Landfill Site (Location)
- ◻ Registered Landfill Site (Point Buffered to 100m)
- ◻ Registered Landfill Site (Point Buffered to 250m)
- ◻ Registered Waste Transfer Site (Location)
- ◻ Registered Waste Transfer Site
- ◻ Registered Waste Treatment or Disposal Site (Location)
- ◻ Registered Waste Treatment or Disposal Site

Geological

- ▼ BGS Recorded Mineral Site

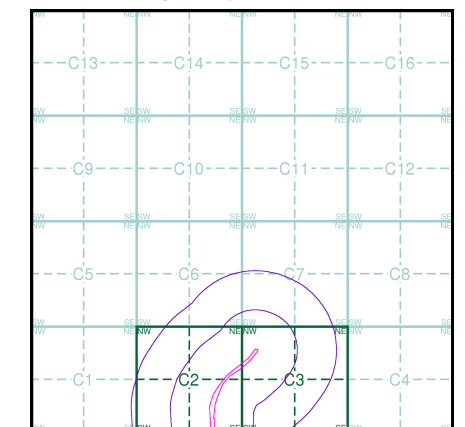
Industrial Land Use

- ★ Contemporary Trade Directory Entry
- ★ Fuel Station Entry

Hazardous Substances

- ✖ COMAH Site
- ✖ Explosive Site
- ✖ NIHS Site
- ✖ Planning Hazardous Substance Consent
- ✖ Planning Hazardous Substance Enforcement

Site Sensitivity Map - Slice C

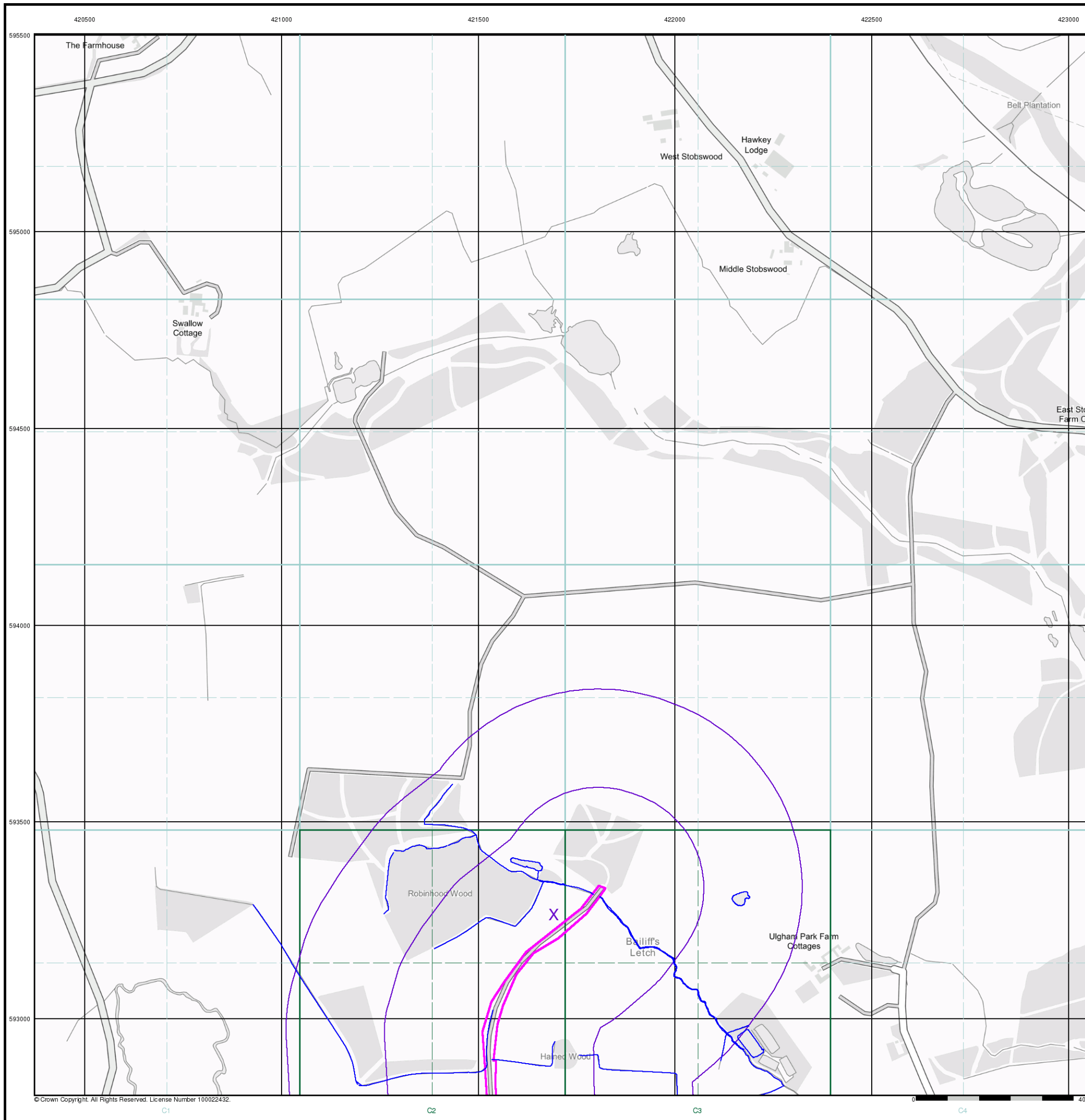


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Site Details

Stobswood Haul Road







Industrial Land Use Map

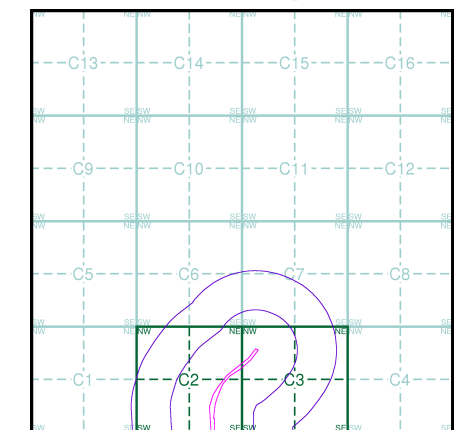
General

-  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 C

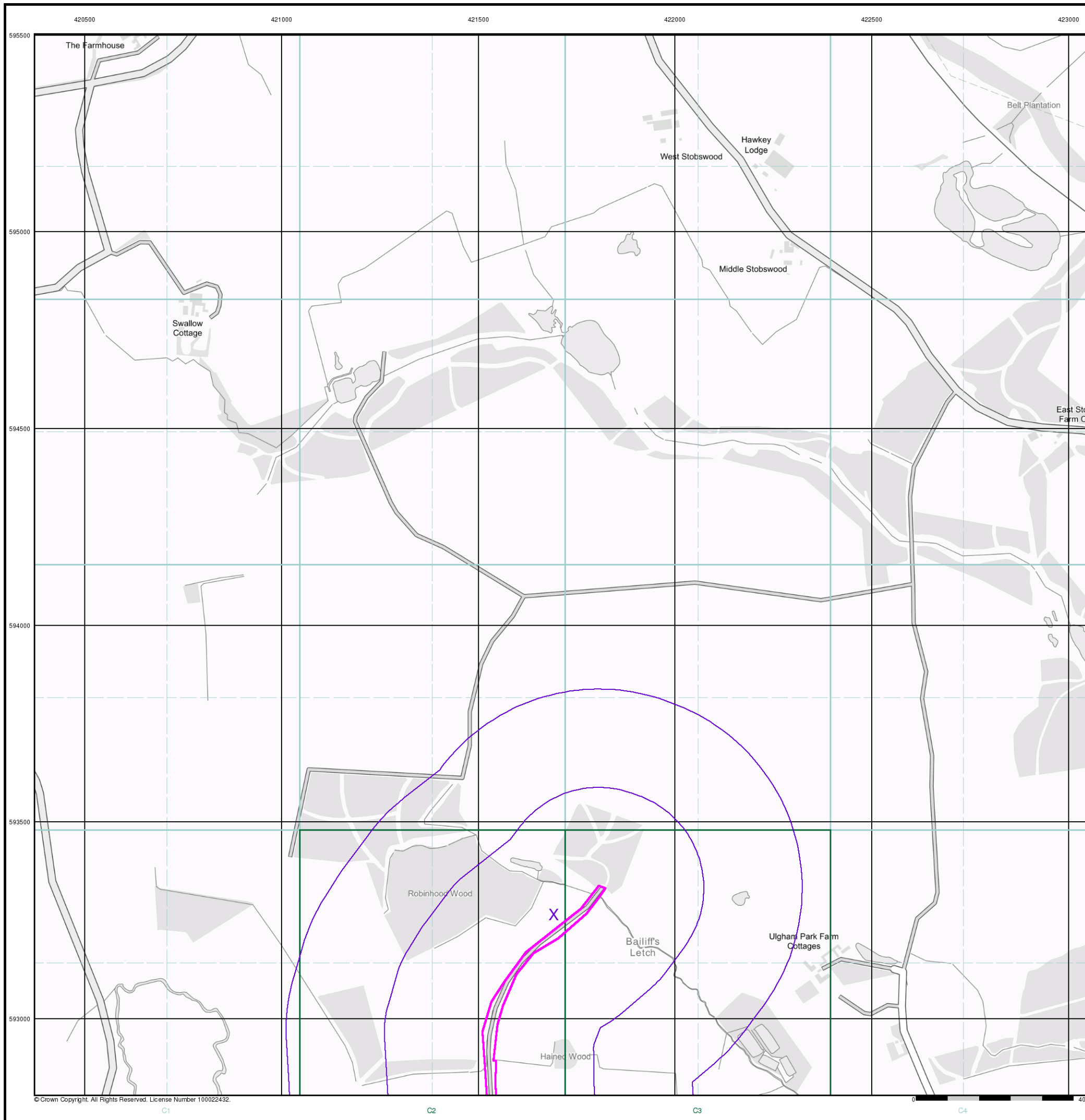


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


Stobswood Haul Road



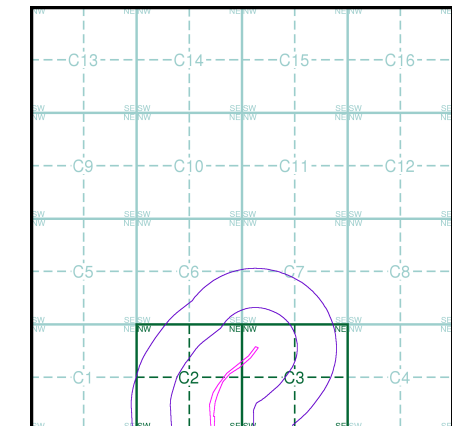
General

-  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 C

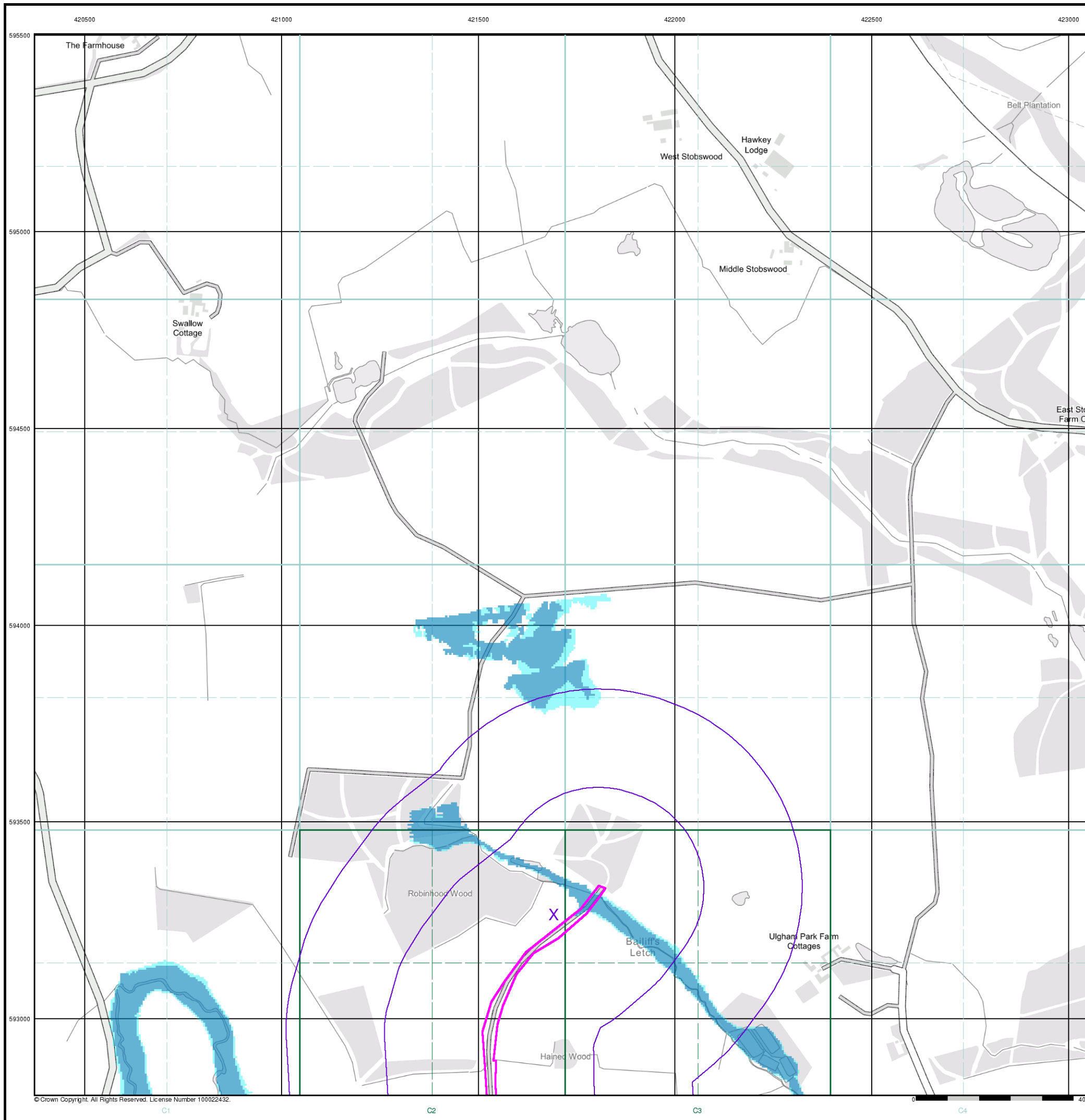


Order Details






Order Number: 264431527_1_1
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 National Grid Reference: 421690, 593270
 Slice: C
 Site Area (Ha): 20.42
 Search Buffer (m): 500

Site Details






Stobswood Haul Road



General

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

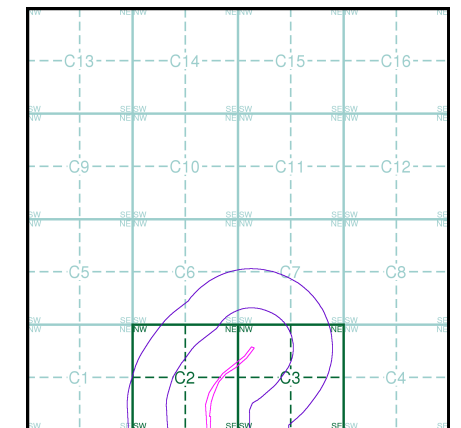
Agency and Hydrological (Boreholes)

-  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 C

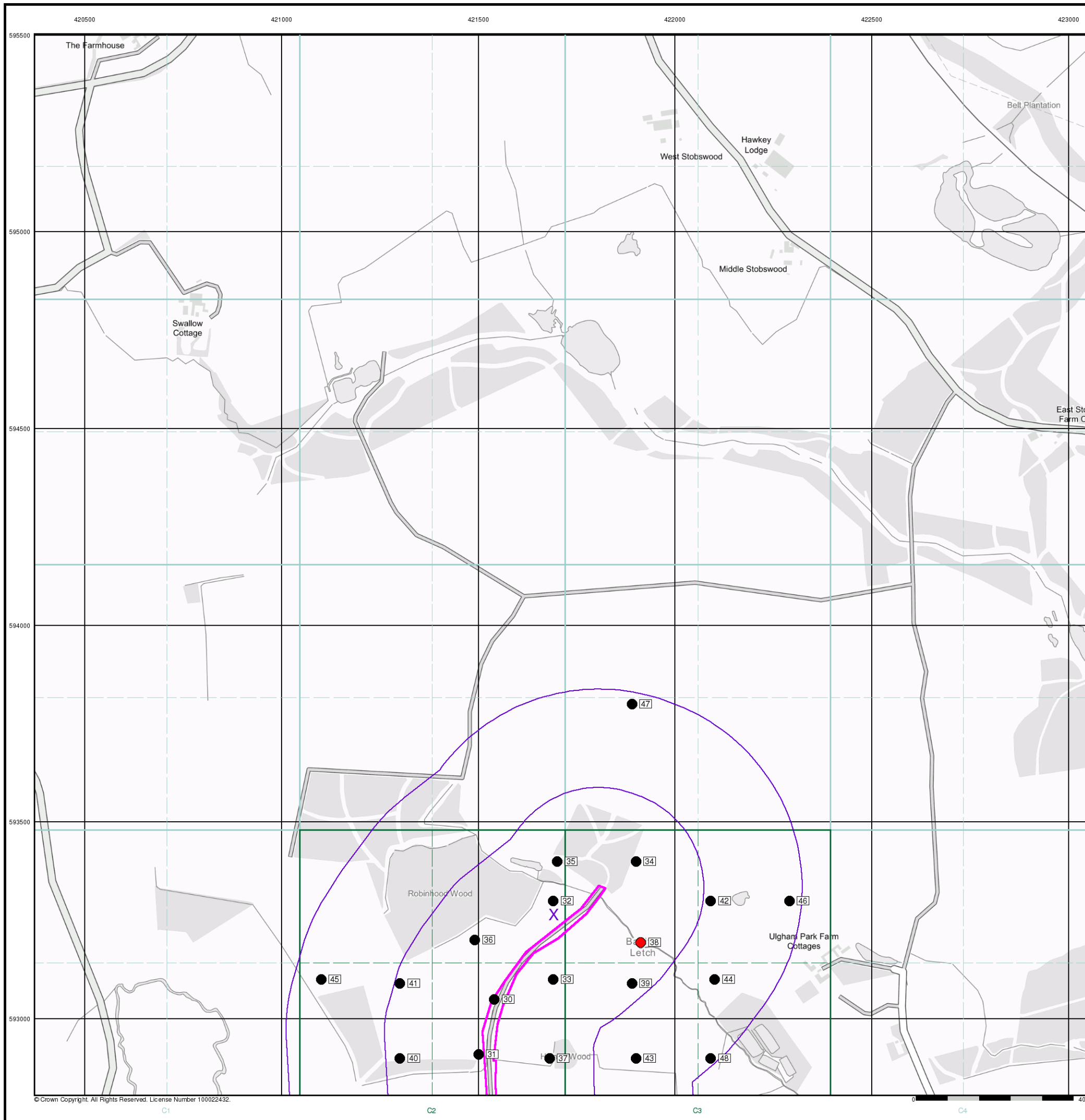


Order Details

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Stobswood Haul Road



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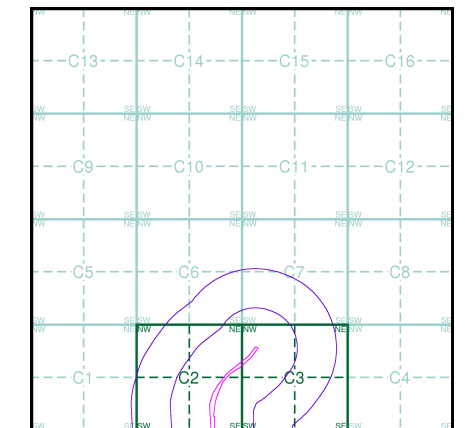
General

-  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 C

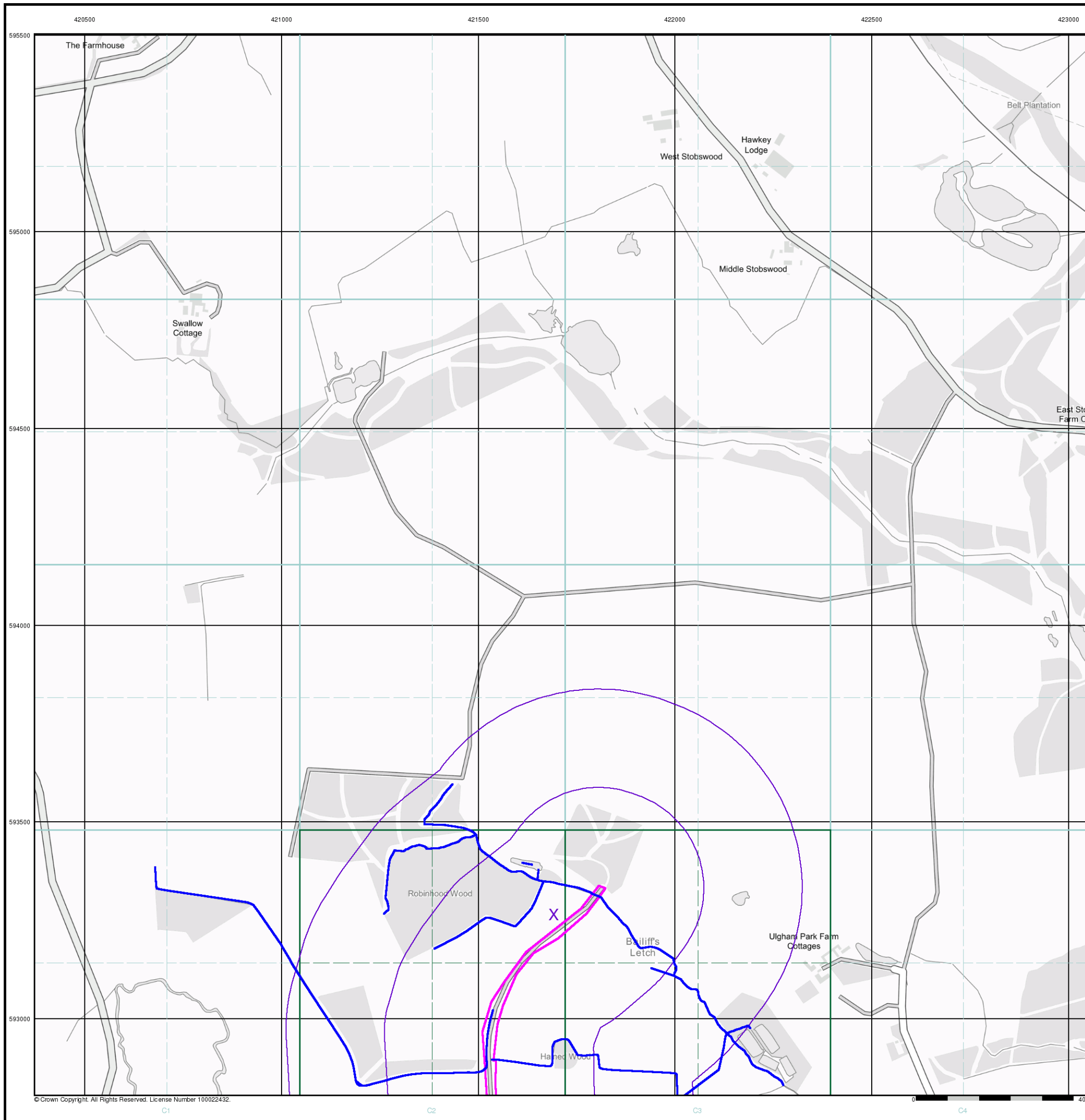


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Site Details

Stobswood Haul Road



APPENDIX 6

LOCAL WILDLIFE SITE ENQUIRY & EA CONSERVATION SCREENING

Nature and Heritage Conservation

Screening Report: Bespoke waste

Reference	EPR/JB3804UX/A001
NGR	NZ 21436 92292
Buffer (m)	50
Date report produced	24 November 2020
Number of maps enclosed	1

The nature and heritage conservation sites and/or protected species and habitats identified in the table below must be considered in your application.


Protected Habitats	Screening distance (m)	Further Information
Deciduous woodland	up to 500m	Natural England

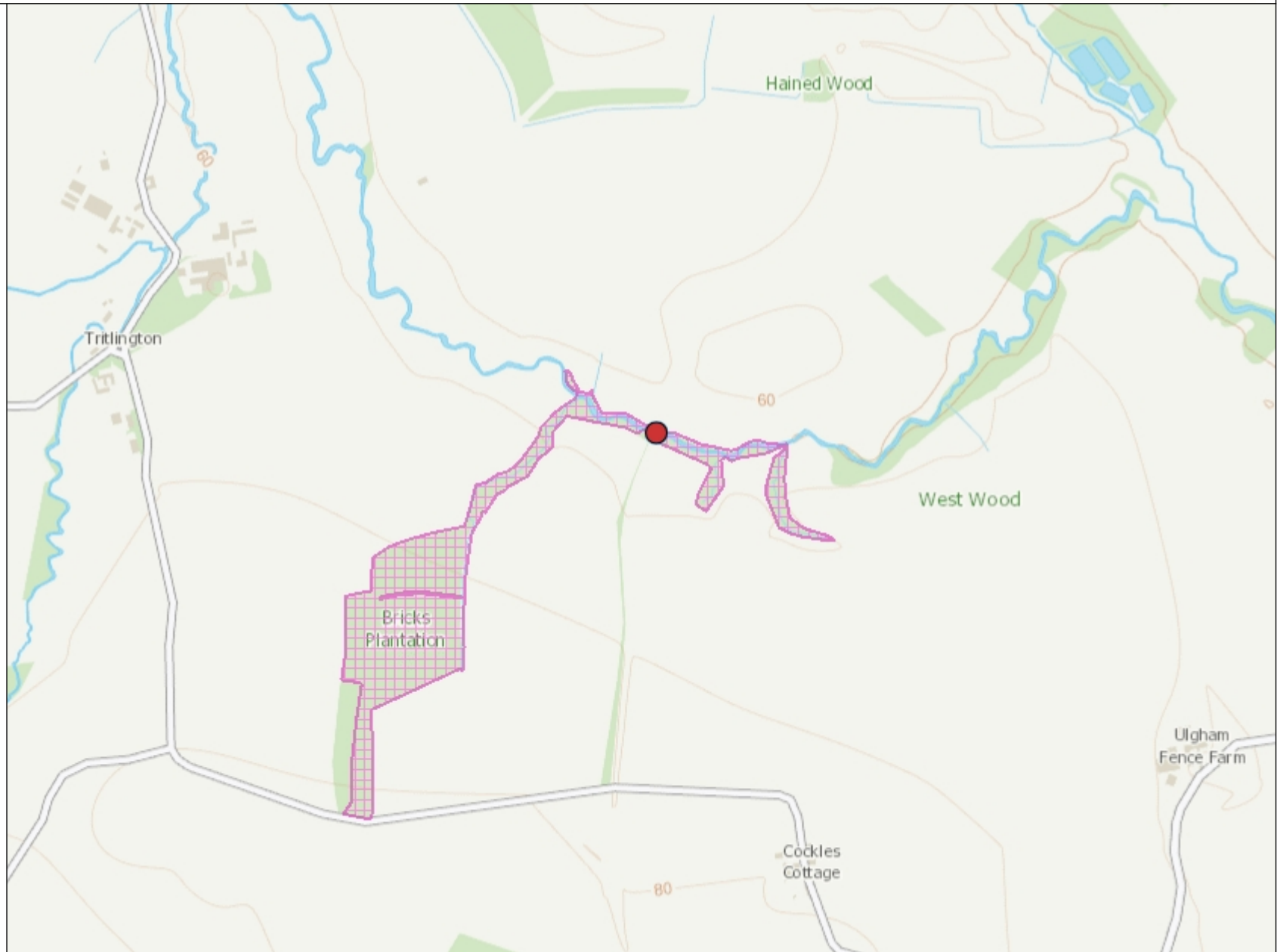
Please note we have screened this application for protected and priority sites, habitats and species for which we have information. It is however your responsibility to comply with all environmental and planning legislation, this information does not imply that no other checks or permissions will be required.

Please note, the enclosed pre-application map(s) is valid for a period of **6 months**. If you plan to submit your application more than 6 months after the map(s) was generated, you must request that the screen is re-run. This will ensure that you have used the most current information on heritage and nature conservation interests in your application.

Deciduous woodland

Legend

-  Protected Habitats screened for Env Permits



Local Site Boundary Map

 Ulgham LNR (WB001)



Map Produced by Alice McCourt, October 2020.



Northumberland
Wildlife Trust



Name:	Ulgham LNR		
Site code:	WB001	Site Interest:	
Grid reference:	NZ237926	Habitat:	<input checked="" type="radio"/>
Last surveyed:	2013	Species:	<input type="radio"/>
Last reviewed:	July 2013	Geological:	<input type="radio"/>
Other designations:		Northumberland RDB species:	<input type="radio"/>
Criteria:	Woodland/Ancient		

Summary description:

Ulgham Local Nature Reserve is a small area of woodland that borders the river Lyne. The reserve also includes a small meadow that is being managed as a hay meadow and an area of species-poor semi-improved grassland between the road that runs to the west of the site and the hay meadow.

The woodland has a semi-natural structure with mature trees, mostly oak (*Quercus* sp.), ash (*Fraxinus excelsior*) and alder (*Alnus glutinosa*) of varying ages and an understorey, mostly composed of wych elm (*Ulmus glabra*), hazel (*Coryllus avellana*) and blackthorn (*Prunus spinosa*). The groundflora of the woodland was found to be a combination of tall ruderal species, such as hogweed (*Heracleum* sp.), meadow cranesbill (*Geranium pratense*), wood dock (*Rumex sanguineus*), cock's foot (*Dactylis glomerata*) and false oat-grass (*Arrhenatherum elatius*), and woodland groundflora with many Ancient Woodland Indicators (AWI). These totalled 11 species, including giant bell-flower (*Campanula latifolia*), wood sedge (*Carex sylvatica*), wood speedwell (*Veronica montana*) and wood sorrel (*Oxalis acetosella*). Ramsons (*Allium ursinum*) was occasionally found and dog's mercury (*Mercurialis perennis*) formed locally dense patches.

The age of some of the trees and the established woodland groundflora indicate that the area has been wooded for some time and although not listed as Ancient Semi-Natural Woodland it shares many features associated with this designation.

The hay-meadow is semi-improved. Whilst it is not particularly species rich, with the hay-meadow management the species richness may increase with time. The grassland adds to the diversity of habitats within the site.

APPENDIX 7

APPROACH TO 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 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’:-

CONTAMINANT: is a substance which is in, on or under the land and which has the potential to cause significant harm to a relevant receptor, or to cause significant pollution to controlled waters

RECEPTOR: something that could be adversely affected by a contaminant eg. a person, an organism, and ecosystem, property or controlled waters

PATHWAY: a route through which the contaminant can migrate, and by which a receptor is, or might 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. 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 8

RISK ASSESSMENT FOR BESPOKE ENVIRONMENTAL PERMIT

Generic risk assessment for draft standard rules set number SR2015 No.39 Version 1

Standard Facility:

Waste Recovery Operation: Use of waste in a deposit for recovery operation involving construction and/or reclamation, restoration or improvement of land

Location:

Applies to all potential locations (those that meet standard rules criteria)

Risk assessment carried out by:

Environment Agency / J Friend-Thomas

Date:

30th June 2023

The scope of the permit and associated rules is defined by the following risk criteria:

Parameter 1 Permitted activities - The storage and recovery of waste (R5, R10, R13)

Parameter 2 Permitted wastes - Inert wastes and specified non-hazardous wastes as listed in the table of wastes

Parameter 3 Maximum quantity of waste shall be limited to 60,000 cubic metres or less

Parameter 4 **The activities shall not be carried out within 500m of a European Site (candidate or Special Area of Conservation, proposed or Special Protection Area or Ramsar site) or a Site of Special Scientific Interest (SSSI); 50 metres of a site that has species or habitats protected under the Biodiversity Action Plan that the Environment Agency considers at risk to this activity, 250m of the presence of the great crested newts where it is linked to the breeding ponds of the newts by good habitat or 50 metres of a National Nature Reserve (NNR), Local Nature Reserves(LNR), Local Wildlife Site (LWS), Ancient woodland or Scheduled Ancient Monument. - This parameter is not met therefore a Bespoke Permit is Required.**

Parameter 5 The activities must not be carried out within groundwater Source Protection Zones 1 and 2 or if a source protection zone has not been defined then not within 250 metres of any well, spring or borehole used for the supply of water for human consumption. This includes private water supplies.

Parameter 6 No point source discharges to controlled waters or groundwater

Parameter 7 The activities must not be carried out within 10 metres of any watercourse

Parameter 8 No waste may be deposited into a water body or sub-water table

Parameter 9 The activities shall not be carried out on historic, closed or operational landfills

Parameter 10 Activities must not be carried out in an air quality management area for PM10

Data and information				Judgement				Action (by permitting)	
Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the source?	How likely is this contact?	How severe will the consequences be if this occurs?	What is the overall magnitude of the risk?	On what did I base my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? (This residual risk will be controlled by Compliance Assessment).

Data and information				Judgement				Action (by permitting)	
Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the source?	How likely is this contact?	How severe will the consequences be if this occurs?	What is the overall magnitude of the risk?	On what did I base my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? (This residual risk will be controlled by Compliance Assessment).
Local human population.	Releases of particulate matter (dust) .	Harm to human health - respiratory irritation and illness.	Air transport then inhalation.	Medium	Medium	Medium	Permitted waste types are mainly inert and have a low potential to produce bioaerosols. The activities may produce dust from movement of vehicles and tipping operations especially in dry and also windy weather.	Activities are not permitted within a specified air quality management area (AQMA) for particulate matter of 10 microns or less (PM10). Activities shall be managed and operated in accordance with a management system that includes measures to prevent and reduce risk of dust being produced and where it is produced from leaving the site boundaries. Rules can be invoked to require a particulate management plan.	Low
Local human population.	Releases of particulate matter (dust) .	Nuisance - dust on cars, clothing etc.	Air transport then deposition.	Medium	Low	Medium	Permitted waste types are mainly inert. The activities may produce dust from movement of vehicles and tipping operations especially in dry and also windy weather.	Activities shall be managed and operated in accordance with a management system that includes measures to prevent and reduce risk of dust being produced and where it is produced from leaving the site boundaries. Rules can be invoked to require a particulate management plan.	Low
Local human population.	Litter.	Nuisance, loss of amenity and harm to animal health.	Air transport then deposition.	Low	Low	Very low	Waste types if compliant with the rules should have a low risk of litter from contraries in the waste.	There are rules in place to control waste acceptance. The management system should have procedures to remove and contain any litter to prevent it being deposited at the site or to leave the site boundaries. Rules can be invoked to require a litter management plan.	Very low
Local human population.	Mud and waste on road.	Nuisance, loss of amenity, road traffic accidents.	Tracked on tyres of vehicles entering and leaving the site and from loads which are not properly contained.	Medium	Medium	Medium	Waste types are typically ones that will produce mud especially during wet weather.	The management system should contain procedures to minimise the risk of mud and waste being tracked out onto the highway. This may include wheel-cleaning facilities where appropriate. All vehicles should have adequate containment such as sheeting to prevent waste spillage.	Low

Data and information				Judgement				Action (by permitting)	
Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the source?	How likely is this contact?	How severe will the consequences be if this occurs?	What is the overall magnitude of the risk?	On what did I base my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? (This residual risk will be controlled by Compliance Assessment).
Local human population .	Odour .	Nuisance, loss of amenity.	Air transport.	Very low	Very low	Very low	Permitted waste types are mainly inert and therefore should not be odorous.	The management system should contain procedures to prevent non-permitted wastes being deposited at site and to deal with rogue loads if they do occur. There is a dormant Rule that can be utilised if odour should be a problem.	Very Low
Local human population.	Noise and vibration.	Nuisance, loss of amenity, loss of sleep.	Noise through the air and vibration through the ground.	Medium	Medium	Medium	Local residents often sensitive to noise and vibration but there is usually low potential for exposure.	Noise and vibration shall be minimised and not cause nuisance. A noise and vibration management plan may be required.	Low
Local human population.	Scavenging animals and scavenging birds.	Harm to human health from waste carried off site and faeces. Nuisance and loss of amenity .	Air transport and over land.	Low	Low	Very low	Wastes are limited to mainly inert wastes that are not normally attractive to animals and birds.	Risk limited by permitted waste types and good onsite management practices detailed in management system of non-conforming wastes.	Very low
Local human population and local environment.	Pests (e.g.) flies.	Harm to human health. Nuisance, loss of amenity.	Air transport and overland.	Low	Medium	Medium	Wastes are limited to mainly inert wastes that are not normally likely to encourage pest infestations.	Risk limited by permitted waste types and good onsite management practices detailed in management system of non-conforming wastes.	Low

Data and information				Judgement				Action (by permitting)	
Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the source?	How likely is this contact?	How severe will the consequences be if this occurs?	What is the overall magnitude of the risk?	On what did I base my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? (This residual risk will be controlled by Compliance Assessment).
Local human population and local environment.	Flooding of site.	If waste contaminated water is washed off site it may contaminate buildings, gardens, watercourses and natural habitats.	Flood waters .	Low	Medium	Medium	Permitted waste types are mainly inert so any waste washed off site will add to the volume of local post-flood clean up workload rather than the hazard. However they may cause increased siltation and need for dredging in water courses. Increased suspended solids.	Activities are not permitted within 10 metres of a watercourse or to be deposited sub-water table. The written management system should identify and minimise risks of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformances.	Low
Local human population and /or livestock gaining unauthorised access to the waste operation.	All on-site hazards, wastes, machinery and vehicles.	Bodily injury.	Direct physical contact .	Low	High	Medium	Permitted waste types are inert therefore only a low risk from the actual waste. However there could be stockpiles that people could climb or void spaces that people could fall into and wastes have a higher risk in wet conditions where deep mud could form.	The written management system should identify and minimise risks from unauthorised access and site security measures identified to prevent such access.	Low
Local human population and the environment.	Arson and/ or vandalism causing the release of polluting materials to air (smoke or fumes) and firewater or spillage of polluting liquids to water or land.	Respiratory irritation, illness and nuisance to local population. Injury to staff, fire fighters or arsonists/ vandals. Pollution of water or land.	Air transport of smoke. Spillages and contaminated firewater by direct run-off from and via surface water drains and ditches.	Low	Medium	Low	Permitted waste types are inert so very low-risk of combustion. Site machinery and fuels and oils are more of a risk but quantities would typically be low.	The written management system should identify and minimise risks from unauthorised access and site security measures identified to prevent such access. The system should also describe how any polluting liquids or materials will be stored safely.	Very Low
Local human population and local environment.	Accidental fire causing release of polluting materials to air (smoke or fumes), water or land.	Respiratory irritation, illness and nuisance to local population. Injury to staff, fire fighters. Pollution of water or land.	Air transport of smoke. Spillages and contaminated firewater by direct run-off from and via surface water drains and ditches.	Low	Medium	Low	Permitted waste types are mainly inert so very low-risk of combustion. Site machinery and fuels and oils are more of a risk but quantities would typically be low.	The written management system should identify and minimise risks. The system should describe how any polluting liquids or materials will be stored safely.	Very low

Data and information				Judgement				Action (by permitting)	
Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the source?	How likely is this contact?	How severe will the consequences be if this occurs?	What is the overall magnitude of the risk?	On what did I base my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? (This residual risk will be controlled by Compliance Assessment).
Local human population and local environment.	Build up and emissions of gas from old waste deposits on the permitted site	Respiratory irritation, illness and nuisance to local population. Risk of explosion and injury to staff and local population.	Gas migrating laterally through waste deposit and building up in ceratina areas.	Low	High	Medium	Old waste deposits may be disturbed by additional waste deposits. Trapping of gas, increased pressure may cause gas to build up. However distance criteria mean that the probability of exposure is low.	The distance criteria prohibits use on historic, closed or operational landfills.	Low
All surface waters close to and downstream of site.	Spillage of liquids, including oil.	Acute effects: fish and invertebrate kill .	Direct run-off from site across ground surface, via surface water drains, ditches etc.	Low	Medium	Medium	Wastes are solid and mainly inert. Potential for spillage from any fuel and oil storage for machinery or directly from machinery operating on the site.	The Rules do not allow any point source discharges of contaminated water to controlled waters. Distance criteria of 10 metres from watercourse. All liquids shall be provided with secondary containment. The written management system should identify and minimise risks. The system should describe how any polluting liquids or materials will be stored safely and how machinery/plant will be maintained to prevent liquids from leaking.	Low
All surface waters close to and downstream of site.	Leachate from waste and contaminated rainwater run-off from waste e.g. suspended solids.	If waste contaminated water is washed off site it may contaminate watercourses and natural habitats leading to chronic effects: and deterioration of water quality.	Surface waters, leachate from infiltration through the waste	Medium	Medium	Medium	Permitted waste types are mainly inert so any waste washed off site will not be chemically hazardous however they may cause increased siltation and need for dredging in water courses. It will also reduce water quality and may smother fish breeding grounds and invertebrate populations. The waste will not produce liquid in itself but rainwater percolating through the waste will produce a waste leachate which should still be very low in contamination.	Activity not permitted within 10m of a watercourse. The Rules do not allow any point source discharges of contaminated water to controlled waters. Risk limited by waste acceptance rules and limits to permitted waste types. Good onsite management practices must be detailed in the management system for controlling and containing water and leachate generated on the site.	Low

Data and information				Judgement				Action (by permitting)	
Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the source?	How likely is this contact?	How severe will the consequences be if this occurs?	What is the overall magnitude of the risk?	On what did I base my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? (This residual risk will be controlled by Compliance Assessment).
Groundwater	Leachate from waste and contaminated rainwater run-off from waste e.g. Suspended solids.	Chronic effects: contamination of groundwater, requiring treatment of water or closure of borehole.	Transport through soil/groundwater then extraction at borehole.	Medium	Medium	Medium	Permitted waste types are mainly inert with limited uses of road planings and organic wastes so any waste should not contain hazardous substances or non-hazardous pollutants in quantities that pose a risk to groundwater.	The rules do not allow deposit in a groundwater Source Protection Zones 1 or 2 or if a source protection zone has not been defined then not within 250 metres of any well, spring or borehole used for the supply of water for human consumption. This includes private water supplies. The waste must also not be deposited in any controlled or surface waters or sub-water table. A mandatory waste acceptance procedure rule has been imposed to make sure a minimum standard is set. Mandatory operating techniques limit the use of specified non-inert wastes to surface uses. The management system should set out any additional stringent waste acceptance procedures to ensure only waste listed in the Rules are deposited on site. The procedures must also set out how to deal with rogue or non-conforming loads.	Low
Protected nature conservation sites - European sites and SSSIs.	Dust, noise, contaminated run-off leachate etc.	Harm to protected sites through contamination, smothering, disturbance etc.	Any	Low	Medium	Medium	Emissions to air may cause harm to and deterioration of nature conservation sites. Vehicles moving on and around site causing disturbance through noise. Potential for run-off and siltation of habitats etc.	The rules do not allow activities to take place within 500 metres of a European Site or a Site of Special Scientific Interest (SSSI); or 250 metres within the presence of Great Crested Newts where it is linked to the breeding ponds of the newts by good habitat; 50 metres of a site that has species or habitats protected under the Biodiversity Action Plan that the Environment Agency considers at risk to this activity; and 50 metres of a National Nature Reserve (NNR), Local Nature Reserves(LNR), Local Wildlife Site (LWS), Ancient woodland or Scheduled Ancient Monument.	Low

Notes: Red triangle indicates comment containing supporting information
Yellow columns contain drop down menus that allow automatic evaluation of risk in green column

Data and information				Judgement				Action (by permitting)	
Receptor	Source	Harm	Pathway	Probability of exposure	Consequence	Magnitude of risk	Justification for magnitude	Risk management	Residual risk
What is at risk? What do I wish to protect?	What is the agent or process with potential to cause harm?	What are the harmful consequences if things go wrong?	How might the receptor come into contact with the source?	How likely is this contact?	How severe will the consequences be if this occurs?	What is the overall magnitude of the risk?	On what did I base my judgement?	How can I best manage the risk to reduce the magnitude?	What is the magnitude of the risk after management? (This residual risk will be controlled by Compliance Assessment).

	Very low	Low	Medium	High
High	4	8	12	16
Medium	3	6	9	12
Low	2	4	6	8
Very low	1	2	3	4

Very low
Low
Medium
High

	Very low	Low	Medium	High
Very low	1	2	3	4
Low	2	4	6	8
Medium	3	6	9	12
High	4	8	12	16

APPENDIX 9

GENERIC ASSESSMENT CRITERIA FOR TOPSOIL AND SUBSOIL

SITE SPECIFIC ASSESSMENT VALUES - SOIL

Site Name		Stobswood Haul Road	
Project Number		3865	
Development Type		Public Open Space (park)	Soil Organic Matter %
			2.5
Human Health			
Determinand	Assessment Level	Unit	Source
Inorganic Arsenic	170	mg/kg	S4ULs (LQM)
Beryllium	63	mg/kg	S4ULs (LQM)
Boron	46000	mg/kg	S4ULs (LQM)
Cadmium	560	mg/kg	S4ULs (LQM)
Chromium III	33000	mg/kg	S4ULs (LQM)
Chromium VI	220	mg/kg	S4ULs (LQM)
Copper	44000	mg/kg	S4ULs (LQM)
Elemental Mercury	30vap(25.8)	mg/kg	S4ULs (LQM)
Inorganic Mercury	#N/A	#N/A	S4ULs (LQM)
Methylmercury	68	mg/kg	S4ULs (LQM)
Nickel	3400	mg/kg	S4ULs (LQM)
Selenium	1800	mg/kg	S4ULs (LQM)
Vanadium	5000	mg/kg	S4ULs (LQM)
Zinc	170000	mg/kg	S4ULs (LQM)
Lead	1300	mg/kg	SGV
Inorganic Cyanide	0	mg/kg	CLEA 1.06
Benzene	100	mg/kg	S4ULs (LQM)
Toluene	95000vap(1920)	mg/kg	S4ULs (LQM)
Ethylbenzene	22000vap(1220)	mg/kg	S4ULs (LQM)
o-Xylenes	24000sol(1120)	mg/kg	S4ULs (LQM)
m-Xylenes	24000sol(1470)	mg/kg	S4ULs (LQM)
p-Xylenes	23000sol(1350)	mg/kg	S4ULs (LQM)
Aliphatic EC 5-6	130000sol(558)	mg/kg	S4ULs (LQM)
Aliphatic EC >6-8	220000sol(322)	mg/kg	S4ULs (LQM)
Aliphatic EC >8-10	18000vap(190)	mg/kg	S4ULs (LQM)
Aliphatic EC >10-12	23000vap(118)	mg/kg	S4ULs (LQM)
Aliphatic EC >12-16	25000sol(59)	mg/kg	S4ULs (LQM)
Aliphatic EC >16-35	480000	mg/kg	S4ULs (LQM)
Aliphatic EC >35-44	480000	mg/kg	S4ULs (LQM)
Aromatic EC 5-7 (benzene)	84000sol(2260)	mg/kg	S4ULs (LQM)
Aromatic EC >7-8 (toluene)	95000sol(1920)	mg/kg	S4ULs (LQM)
Aromatic EC >8-10	8500vap(1500)	mg/kg	S4ULs (LQM)
Aromatic EC >10-12	9700sol(899)	mg/kg	S4ULs (LQM)
Aromatic EC >12-16	10000	mg/kg	S4ULs (LQM)
Aromatic EC >16-21	7700	mg/kg	S4ULs (LQM)
Aromatic EC >21-35	7800	mg/kg	S4ULs (LQM)
Aromatic EC >35-44	7800	mg/kg	S4ULs (LQM)
Aliphatic + Aromatic EC <44-70	7800	mg/kg	S4ULs (LQM)
Acenaphthene	30000	mg/kg	S4ULs (LQM)
Acenaphthylene	30000	mg/kg	S4ULs (LQM)
Anthracene	150000	mg/kg	S4ULs (LQM)
Benzo(a)anthracene	56	mg/kg	S4ULs (LQM)
Benzo(a)pyrene	12	mg/kg	S4ULs (LQM)
Benzo(b)fluoranthene	15	mg/kg	S4ULs (LQM)
Benzo(ghi)perylene	1500	mg/kg	S4ULs (LQM)
Benzo(k)fluoranthene	410	mg/kg	S4ULs (LQM)
Chrysene	110	mg/kg	S4ULs (LQM)
Dibenz(ah)anthracene	1.3	mg/kg	S4ULs (LQM)
Fluoranthene	6300	mg/kg	S4ULs (LQM)
Fluorene	20000	mg/kg	S4ULs (LQM)
Indeno(123-cd)pyrene	170	mg/kg	S4ULs (LQM)
Naphthalene	1900sol(183)	mg/kg	S4ULs (LQM)
Phenanthrene	6200	mg/kg	S4ULs (LQM)
Pyrene	15000	mg/kg	S4ULs (LQM)
Phenol	690dir(8300)	mg/kg	S4ULs (LQM)
Plants			
Determinand	Assessment Level	Unit	Source
Copper	600	mg/kg	Dickinson et al
Nickel	250	mg/kg	Dickinson et al
Zinc	3000	mg/kg	Dickinson et al
Boron	30	mg/kg	Dickinson et al
Cadmium	15	mg/kg	Dickinson et al
Chromium VI	600	mg/kg	Dickinson et al
Total Chromium	1000	mg/kg	Dickinson et al
Mercury	20	mg/kg	Dickinson et al
Lead	2000	mg/kg	Dickinson et al
Arsenic	80	mg/kg	Dickinson et al
Cobalt	240	mg/kg	Dickinson et al
Molybdenum	200	mg/kg	Dickinson et al
Selenium	50	mg/kg	Dickinson et al
Buildings and Services			
Determinand	Assessment Level	Unit	Source
pH	<5		BRE SD1:2005
Sulphate 2:1 water/soil leachate	500	mg/l	BRE SD1:2005
Chloride	100	mg/kg	WRc Environment 1987 PRD 1452M/1

APPENDIX 10

BASELINE MONITORING METHODOLOGY AND DERIVATION OF ASSESSMENT VALUES

BASELINE MONITORING METHODOLOGY AND DERIVATION OF ASSESSMENT VALUES

Baseline surface water monitoring of surface waters will be undertaken to establish suitable acceptance criteria for leachability (10:1) testing of the proposed imported soils. The monitoring methodology to be adopted is detailed below.

Sampling

Surface water sampling of the downstream monitoring points will be collected first to minimise disturbed sediment impacting on results and will be taken from fast flowing water where possible.

Unfiltered samples will be collected as required by the laboratory to complete the specified testing suites.

Onsite Monitoring

Visual inspection will be undertaken to observe for evidence of high suspended solids or hydrocarbon pollution.

On site monitoring using calibrated equipment will be undertaken for the following determinands:-

- Temperature,
- pH,
- Electrical Conductivity,
- Total Dissolved Solids.

Laboratory Analysis

All chemical analysis will be undertaken by an MCERTS accredited laboratory.

Analysis will be undertaken based on the soils testing criteria, and will include:-

- Dissolved metals,
- Hardness,
- Sulphate,
- Chloride,
- pH,
- Conductivity,
- Suspended Solids,
- Benzene,
- Toluene,
- Ethylbenzene,
- Xylene,
- Anthracene,

- Benzo(a)pyrene,
- Benzo(b)fluoranthene,
- Benzo(g,h,i)perylene,
- Benzo(k)fluroanthene,
- Indeno(1,2,3-cd)pyrene,
- Naphthalene,
- Total Petroleum Hydrocarbons Criteria Working Group (TPH CWG) (Aliphatic/Aromatic split).

Monitoring Frequency

Sampling for surface water quality analysis will be undertaken at the following intervals.

Monitoring phase	Duration	Frequency
Pre-Commencement	Up to 1 month	Weekly
During Works	Duration of works	Three visits – during periods where works are within 50 m of surface waters
Post Works	1 Month	Fortnightly

Monitoring of surface water quality shall continue for a minimum period of 1 month following completion of the works and until it has been demonstrated that no significant variance from the Compliance Assessment Values has occurred and no exceedance above these values has been detected.

Assessment Values

Surface Water Quality Compliance Assessment Values

Surface Water Quality Compliance Assessment Values will be set for all of the determinands to be analysed for, as detailed above, by consideration of the baseline surface water quality testing and published EQS values. In accordance with current guidance (Ref. 1), the assessment values will be set at a value equivalent to the mean baseline value plus 2 x the Standard Deviation for that dataset, or the EQS values, whichever is higher and more representative for the site, as presented below.

Determinand	Unit	EQS	Baseline	Adopted Assessment Value
pH	-	6-9	TBC following pre-works monitoring	TBC
Sulphate 2:1 water / soil leachate	ug/l	400,000	TBC following pre-works monitoring	TBC
Conductivity	µS/cm	N/A	TBC following pre-works monitoring	TBC
Suspended solids	mg/l	N/A	TBC following pre-works monitoring	TBC
Chloride	µg/l	250,000	TBC following pre-works monitoring	TBC
Hardness	N/A	N/A	N/A	N/A
Dissolved Arsenic	µg/l	50	TBC following pre-works monitoring	TBC
Boron	µg/l	2,000	TBC following pre-works monitoring	TBC
Dissolved Cadmium	µg/l	Up to 1.5 (depends on hardness)	TBC following pre-works monitoring	TBC

Determinand	Unit	EQS	Baseline	Adopted Assessment Value
Dissolved Chromium III	µg/l	32 (MAC)	TBC following pre-works monitoring	TBC
Dissolved Chromium VI	µg/l	3.4	TBC following pre-works monitoring	TBC
Dissolved Cobalt	µg/l	100 (MAC)	TBC following pre-works monitoring	TBC
Dissolved Copper	µg/l	1	TBC following pre-works monitoring	TBC
Dissolved Elemental Mercury	µg/l	0.07	TBC following pre-works monitoring	TBC
Dissolved Molybdenum	µg/l	N/A	TBC following pre-works monitoring	TBC
Dissolved Nickel	µg/l	34 (MAC)	TBC following pre-works monitoring	TBC
Dissolved Selenium	µg/l	N/A	TBC following pre-works monitoring	TBC
Dissolved Zinc	µg/l	10.9	TBC following pre-works monitoring	TBC
Dissolved Lead	µg/l	14 (MAC)	TBC following pre-works monitoring	TBC
Benzene	µg/l	50 (MAC)	TBC following pre-works monitoring	TBC
Toluene	µg/l	380 (MAC)	TBC following pre-works monitoring	TBC
Ethylbenzene	µg/l	N/A	TBC following pre-works monitoring	TBC
Xylene	µg/l	30	TBC following pre-works monitoring	TBC
Aliphatic EC 5-6	µg/l	N/A	TBC following pre-works monitoring	TBC
Aliphatic EC >6-8	µg/l	N/A	TBC following pre-works monitoring	TBC
Aliphatic EC >8-10	µg/l	N/A	TBC following pre-works monitoring	TBC
Aliphatic EC >10-12	µg/l	N/A	TBC following pre-works monitoring	TBC
Aliphatic EC >12-16	µg/l	N/A	TBC following pre-works monitoring	TBC
Aliphatic EC >16-35	µg/l	N/A	TBC following pre-works monitoring	TBC
Aliphatic EC >35-44	µg/l	N/A	TBC following pre-works monitoring	TBC
Aromatic EC 5-7 (benzene)	µg/l	N/A	TBC following pre-works monitoring	TBC
Aromatic EC >7-8 (toluene)	µg/l	N/A	TBC following pre-works monitoring	TBC
Aromatic EC >8-10	µg/l	N/A	TBC following pre-works monitoring	TBC
Aromatic EC >10-12	µg/l	N/A	TBC following pre-works monitoring	TBC
Aromatic EC >12-16	µg/l	N/A	TBC following pre-works monitoring	TBC
Aromatic EC >16-21	µg/l	N/A	TBC following pre-works monitoring	TBC
Aromatic EC >21-35	µg/l	N/A	TBC following pre-works monitoring	TBC
Aromatic EC >35-44	µg/l	N/A	TBC following pre-works monitoring	TBC
Aliphatic + Aromatic EC <44-70	µg/l	N/A	TBC following pre-works monitoring	TBC
Acenaphthene	µg/l	N/A	TBC following pre-works monitoring	TBC
Acenaphthylene	µg/l	N/A	TBC following pre-works monitoring	TBC
Anthracene	µg/l	0.1	TBC following pre-works monitoring	TBC
Benz(a)anthracene	µg/l	N/A	TBC following pre-works monitoring	TBC
Benzo(a)pyrene	µg/l	0.27	TBC following pre-works monitoring	TBC
Benzo(b)fluoranthene	µg/l	0.017	TBC following pre-works monitoring	TBC
Benzo(ghi)perylene	µg/l	0.0082	TBC following pre-works monitoring	TBC
Benzo(k)fluoranthene	µg/l	0.017	TBC following pre-works monitoring	TBC
Chrysene	µg/l	N/A	TBC following pre-works monitoring	TBC
Dibenz(ah)anthracene	µg/l	N/A	TBC following pre-works monitoring	TBC
Fluoranthene	µg/l	0.12 (MAC)	TBC following pre-works monitoring	TBC
Fluorene	µg/l	N/A	TBC following pre-works monitoring	TBC
Indeno(123-cd)pyrene	µg/l	N/A	TBC following pre-works monitoring	TBC
Naphthalene	µg/l	130 (MAC)	TBC following pre-works monitoring	TBC
Phenanthrene	µg/l	N/A	TBC following pre-works monitoring	TBC
Pyrene	µg/l	N/A	TBC following pre-works monitoring	TBC
Phenol	µg/l	46 (MAC)	TBC following pre-works monitoring	TBC

APPENDIX 11

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.