XLCC CABLE FACTORY - HUNTERSTON

Appendix 9.1: Desk Top Study and Preliminary Risk Assessment

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REPORT

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Gary Riches	[Signature]	1 December 2021

Prepared by:

RPS

RPS

Liz Williams
Principal Consultant

2 Callaghan Square
Cardiff
CF10 5AZ

Prepared for:

XLCC

David Kelly
UK Development Manager

Kingfisher House, Radford Way,
Billericay, Essex, CM12 0EQ

T 07907813786
E

EXECUTIVE SUMMARY

Section	Summary
Background	RPS Consulting Services Ltd (RPS) was commissioned by XLCC to undertake a Phase 1 Geo-Environmental Desk Study and Preliminary Environmental Risk Assessment of a site which forms part of the former Hunterston Coal Yard, off Port Road, on the west coast of Scotland. The report has been commissioned prior to the proposed redevelopment of the site as a cable factory.
Site Details	**Site area**: 50.7 ha **National Grid Reference**: NS 20238, 53343 **Current site use**: The site currently comprises a former Coal Stockyard (clearance works ongoing) and an operational pier. **Proposed site use**: The proposed development comprises a new marine cable manufacturing plant. **Surrounding land use**: The site is located in a predominantly rural area with industrial port land uses.
Site Inspection	A site inspection was undertaken on 16th November 2021. This identified various waste materials and equipment to be present on site along with residual coal heaps and low-level embankments associated with coal conveyors. Minimal storage volumes of lubricants/fuels/oils/antifreeze were identified across the site, some localised evidence of spillage from a fuel/oil tank was observed. A transformer station was present in the southernmost part of the site.
Previous Reports	A Phase 2 ground investigation of a site immediately south of the Application Site comprised a series of trial pits and hand augers. It identified no contaminant exceedances of Generic Assessment Criteria for a commercial land use in relation to the underlying soils. Metal concentrations within groundwater encountered during trial pit excavation exceeded selected marine surface water screening values.
Site History	A review of historical maps indicates the northern part of the site is reclaimed land which c. 1979 was developed along with the remainder of the site as a coal stockyard as part of the Hunterston Ore Terminal. It is understood that the reclamation works are likely to have included the import of quarried aggregate from local sources however the extent and nature of imported material used for this purpose is unconfirmed. Off-site historical potential sources of contaminants of concern include railway lines, storage tanks and electricity substations.
Environmental Setting	The site is indicated to be underlain by Marine Beach and Raised Beach Deposits which in turn are underlain by strata of the Kelly Burn Sandstone. The underlying groundwater forms part of the West Kilbride and North Ayrshire Coastal waterbodies in the Clyde basin district and classifies the overall groundwater quality as good. The site is not indicated to be located in a groundwater Source Protection Zone (SPZ) and there are no sensitive groundwater abstractions in the vicinity of the site. The nearest surface water feature is the Largs Channel coastal water body immediately west of the site and numerous watercourses surround the site the closest being tributaries of Glen Brun and Burn Gill. Within the Largs Channel is Southannan Sands which is designated a Site of Special Scientific Interest (SSSI).
Preliminary Risk Assessment	An outline conceptual site model (CSM) has been derived on the basis of the desktop study and site reconnaissance. Following the redevelopment works the potential risks to future site users via the dermal contact and ingestion pathways in areas of the site comprising building cover and hardstanding will be mitigated. Furthermore, the pathway for the airborne migration of soil/dust from these areas towards off-site receptors would not be active. There is the potential for ground gas and volatile contaminants of concern in soil and/or groundwater (if present) beneath the site to impact on future site users via the inhalation pathway in indoor areas (buildings/structures). Groundwater within granular horizons of the Made Ground and the underlying Marine Deposits may constitute a potential pathway for the on or off-site migration of contaminants of concern to impact on sensitive environmental receptors, however building/hardstanding cover is likely to minimise leaching potential. There are also potential risks identified to foundations and service supplies for new structures/buildings from contaminants that may be present in shallow soils/groundwater.

Conclusions and Recommendations	Based on the Preliminary Risk Assessment, RPS considers that further assessment is necessary to determine whether mitigation measures are required to manage the risk associated with ground contamination. The outline CSM produced upon completion of the desk study assessment has identified a number of potential pollutant linkages that may be active upon the redevelopment of the site. It is therefore recommended that the potential for these linkages to be active is assessed through a Phase 2 Geo-Environmental Site Investigation. The investigation should be targeted to provide information on: • The concentrations of contaminants of concern (if present) within the soils beneath the site; • The concentrations of contaminants of concern within shallow groundwater (if present); and • The ground gas regime beneath the site. It would be prudent to combine any site investigation undertaken for environmental purposes with geotechnical testing, in order to facilitate preliminary foundation and pavement design. RPS can provide a cost for assisting with the further recommendations upon request.

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1 INTRODUCTION

Preamble

1.1 RPS Consulting Services Ltd (RPS) was commissioned by XLCC to undertake a Phase 1 Preliminary Environmental Risk Assessment of part of the former Hunterston Coal Yard, off Port Road, on the west coast of Scotland. The report has been commissioned prior to the proposed redevelopment of the site and is required to support submission of a planning application for the proposed redevelopment scheme and therefore hereafter the study area is referred to as the Application Site.

1.2 The site covers approximately 50.7 hectares and currently comprises a disused mineral ore terminal. A site boundary plan is presented in Annex A. The proposed development comprises a new marine cable manufacturing plant.

1.3 The Desk Study assessment is based upon a review of published information available from local, regional, and national agencies. The desk study information is derived from Envirocheck Reports provided by Landmark Information Group, Ref. 287571652 which are presented as Annex D. Please note the terms and conditions attached to the supply of data from Landmark.

Objectives

1.4 The principal objectives of this assessment were as follows:

- To assess potential sources of contamination at the site, associated with historical and current land uses both on site and in the surrounding area;
- To review the environmental setting to assess the sensitivity of the surrounding area to contamination/pollution;
- To produce an outline Conceptual Site Model (CSM) detailing how any contamination may impact the identified receptors via pollutant linkages; and
- To conclude on the likely requirements for further assessment and intrusive investigation.

Legislation and Guidance

1.5 The assessment has been undertaken in general accordance with British Standard BS EN ISO 21365:2020 and is considered suitable to meet the initial requirements of planning as outlined within the National Planning Policy Framework (NPPF). The assessment also reflects the recommendations of Environmental Agency guidance, Land Contamination: Risk Management, (LCRM 2020).

1.6 This report has been produced in general accordance with:

- Contaminated Land (Scotland) Regulations 2005 (as amended);
- DEFRA Environmental Protection Act 1990: Part 2A - *Contaminated Land Statutory Guidance* (2012);
- Environment Agency (2020) Land Contamination Risk Management (LCRM 2020);
- National Planning Policy Framework / National Planning Framework (Scotland);
- CIRIA Document C665: *Assessing Risks Posed by Hazardous Ground Gases to Buildings*;
- British Standard requirements for the '*Investigation of potentially contaminated sites - Code of practice*' (ref. BS10175:2011+A1:2017);

- British Standard requirements for the '*Code of practice for ground investigations*' (ref. BS5930:2015+A1:2020); and,
- British Standard requirements for the '*Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings*' (ref BS8485:2015+A1:2019).

1.7 Details of the limitations of this type of assessment are described in Annex B.

2 SITE RECONNAISSANCE AND DESK STUDY

Site Reconnaissance

2.1 This section of the report is based upon observations made during a site visit carried out on 16th November. A site boundary plan is provided in Annex A. Detailed site reconnaissance notes are provided in Annex E and selected photographs are shown in Annex F.

The Site

Table 2-1 – Summary of on-site activities

Section	Description
Background:	The Application Site is located on part of the former Hunterston Coal Yard within the wider Hunterston Port and Resource Centre at approximate National Grid Reference NS 20238, 53343. It is roughly rectangular in shape with a pier extending from the northwestern corner and occupies an area of approximately 50.7ha.
Site Topography	Generally the Coal Stockyard was flat lying, having been levelled to an average height of 5.50m Above Ordnance Datum (AOD) with localised ground depressions / mounds. (Photo 7 and 8)
Site Layout:	The Application Site could be split into the former Coal Stockyard area which comprised the bulk of the site, the pier (operational) and Clydeport Road, and a Yard area in the extreme south of the site used for storage and a maintenance facility.
Activity / Operations:	The Application Site was predominantly redundant at time of inspection. The site was used as a coal yard/storage facility to supply coal to local power stations. At the time of the site visit, the remaining heaps of coal were being cleared.
Building Structure(s):	Strips of concrete slabs (former conveyors) were present trending roughly north-south within the main area of the Application Site.
Surface Cover:	Mix of concrete and tarmacadam (poor and fair condition), hardcore, grass/vegetation.
Drainage:	2 water storage areas were located adjacent to northern boundary of the Application Site south of Clydeport Road.
Bulk Storage / Tanks:	Drums / IBC tanks were noted in various parts of the Application Site indicated to contain lubricants/fuel/antifreeze.
Waste:	Waste storage bins, chemical/paint containers (approx. 2.5L), IBCs and drums (indicated to contain lubricant) wooden pallets, timber, metal and concrete bars, sacks of fabric, cardboard and concrete debris were located on the pier (Photo 1, 2, 3, and 5). Heaps of construction debris (concrete, metal, bricks), oil drums indicated to contain antifreeze (approx. 205L), scrap metal filled IBCs (some indicated to previously contained AdBlue), gas cylinders, wooden pallets, redundant plant/equipment on main Application Site (Photo 11 and 12). Extensive stockpile of concrete blocks (rail track footings). Storage area in the northwest with shipping container including IBCs some filled with scrap metal, tyres, wooden pallets, jerry cans (contents unknown), work benches with electrical equipment, paint / jerry cans. Skip in southeastern part of the site Plastic products, wooden pallets, WEEE, scrap metal, construction debris in the Yard area.
Electricity Substations /Transformers:	Substations adjacent to the eastern boundary of the site. Transformers in the Yard area and adjacent to the existing building immediately north of the main site (between Clydeport Road and the main site).
Visual Evidence of Contamination:	Localised spillage from fuel/oil tank in the Yard area (extreme south of the site). (Photo 25)
Statutory Nuisance:	None identified.
Other Geo-Environmental Issues:	The former rail tracks in the central and southern parts of the main site were generally raised on low embankments (Photo 19) with remaining tracks being removed (Photo 20). Heaps of coal were also present, especially in the southwestern and southern parts of the site. Ground depression in the northwestern corner indicated to be lined with a geotextile.

The Surrounding Area

2.2 The site is located in an area of predominantly rural land with adjoining industrial port land uses. At the time of the site inspection, neighbouring land consisted of the following:

Table 2-2 – Neighbouring Land Uses

Direction	Description
North:	Clydeport Road / Firth of Clyde water. Suspected pump house on the northern boundary.
East:	Wire fence / vegetation, with the A78 road beyond.
South:	Undeveloped land with Hunterston Power Station further south.
West:	Redundant railway line.

Proposed Development

2.3 The proposed development is to comprise a new marine cable manufacturing plant. A proposed development plan is provided in Annex A.

Site History

Historical Map Review

2.4 The following review is based on past editions of readily available Ordnance Survey (OS) maps. These include scales of 1:1,250, 1:2,500, 1:10,560 and 1:10,000 dated 1856 to 2001.

Table 2-3 – Historical Site Uses

On-site Land Use and Features	Dates
Northern half of the site is shown within Fence Bay (coastal water) below the high-water mark and the southern half of the site as fields with coastal beach. Glen Burn traverses the centre of the site trending approximately east-west. The current pier extends onto Southannan Sands, beyond the low-water mark and extending into the Firth of Clyde.	1856
No further significant change is apparent to the Application Site.	1869-1970
The northern half of the site has been reclaimed from the sea. The pier, including foot bridge and conveyor, has been constructed in the north-west and this links with the southern portion of the site, shown as occupied by three sets of travelling cranes and conveyors trending approximately north-south, with associated access roads forming part of Hunterston Ore Terminal. An electricity substation is shown in the southeastern corner a small building in the northwest and two water reservoirs in the northeast.	1979
No longer evidence of the travelling cranes or conveyors on the Application Site and the pier demolished.	2021

Table 2-4 – Historical Neighbouring Site Uses

Surrounding Land Uses (250 m radius)	Orientation	Distance	Dates	
			From	To
Electricity substation	North	0 m	1980	2021
Hunterston Ore Terminal Main Site with tanks, chimneys and electricity substation.	Southwest	0 m	1980	2021
Railway line (G&SWR Ardrossan and Largs Branch)	East	180 m	1897	1995
Embankment	East	0 m	1979	1995
Lagoon	North	0 m	1979	2021

Surrounding Land Uses (250 m radius)	Orientation	Distance	Dates	
			From	To
Tanks	East	30 m	1980	1995
Railway lines	West	0 m	1979	1995
Electricity substation	East	10 m	1979	1995

Site Planning History and Anecdotal Information

2.5 Relevant and readily available planning records for the site, as obtained from North Ayrshire Council planning website are summarised as follows:

- 21/00480/EIA at the Former Coal Terminal Hunterston. EIA screening request for a proposed synchronous compensator (located approximately 375 m south of the Application Site). Scoping agreed June 2021.

2.6 Should full planning permission be sought for the above, Environmental Health advised that a site investigation and risk assessment be conducted to assess the suitability of the site for the proposed development. It is likely that similar requirements would be made for other applications for the former terminal land.

2.7 Anecdotal information from on-line sources indicates that the ore terminal was constructed by British Steel between 1974 and 1979, through coastal reclamation. This included the import of quarried materials from nearby sources such as Biglees Quarry (igneous/metamorphic rock) and Campbelton Farm. The site was screened by construction of mounds alongside the A78 and addition of tree plantings. The lagoon immediately north was added as part of a bird sanctuary forming part of the development.

Previous Reports

2.8 RPS has been provided with the reports detailed below for review. These relate to EIA work undertaken for the development of a site to the south of the Assessment Site (which includes the southern section of the Assessment Site).

- Chapter 12: Geology, Soils, Hydrogeology and Ground Contamination for Ayrshire Power Ltd.;
- Fairhurst, Hunterston Clean Coal Power Plant Geotechnical and Geo-Environmental Desk Study Report for Ayrshire Power Ltd., dated January 2009 Draft v2 (Appendix 12.1 of the ES).
- EnviroCentre, Hunterston Intrusive Investigation for Ayrshire Power Ltd., dated September 2009 (Appendix 12.2 of the ES).

2.9 RPS cannot vouch for the accuracy or validity of the information provided within third party reports and the following opinion is based solely upon the reports. Legal reliance should be sought from the original authors of these reports where their content is considered material to the characterisation of the site.

Report Summary:

2.10 The findings of the intrusive investigation as they relate to the whole of the southern development site are discussed further in the following section.

2.11 As part of the intrusive investigation within the former coal storage facility a total of 12 trial pits and 3 hand augers were excavated across the Coal Stockyard Area at an approximate 150 m grid spacing. Three hand auger samples were also collected from Southannan sands at low tide.

2.12 The following ground conditions were encountered:

Made Ground

- A layer of angular gravel and cobbles with occasional sand and clay deposits is generally spread along the site to depths of between 0.10m and 1.00m. The deeper extents of Made Ground are located in the northeastern corner where the bedrock is closer to the ground surface.
- One trial pit (TP5) contained rope and metal nails to 0.80 m below ground level. Trial pit TP9 included a layer of coal dust and coal fragments to a depth of 0.30m BGL as it was located adjacent to the coal yard. The remainder of the trial pits contained no obvious signs of man-made materials apart from angular gravel, cobbles and boulders.

Drift

- Natural soils were encountered in all of the trial pits excavated in the area and comprised two main deposits. The upper layer was generally brown gravelly cobbly medium sand with increasing gravel content with depth and was encountered in TP3, TP6, TP8, TP11 and TP12. The lower layer was generally described as damp grey clayey medium sand occasionally silty or gravelly. A layer with organic (peaty) odour was noted in TP11 from 2.90m to 3.30 m depth.
- A layer of reddish gravelly and cobbly medium to coarse sand with large boulders and shells was noted in TP5 above the bedrock and TP12 between 1.50 m to 3.50 m depth.

Bedrock

- Red sandstone bedrock was encountered at depths between 0.80m and 1.60m in a number of trial pits (TP1, TP2, TP5, and TP8) located in the northeastern part of this area.

Groundwater

- A superficial layer of perched groundwater was noted in TP7, TP10 and TP13. The water was contained in a layer of fill comprising angular gravel and cobbles at depths between 0.20 m and 0.70 m depth. Seepage of water occurred also above the bedrock in TP1 and TP5. Seepage of water was noted in TP6 around 2.80 m depth.
- The remainder of the trial pits were generally dry but noted as being damp below 2.00 m depth.

2.13 The chemical characteristics of the soils and groundwater are identified below:

Soils

- No metal values exceeded the Generic Assessment Criteria (GAC) for a commercial industrial land use scenario for samples collected in either the Coal Stockyard Area or Southannan Sands.
- No TPH fraction concentrations exceeded the GAC for a commercial industrial land use scenario for samples collected in either the Coal Stockyard Area or Southannan Sands.
- No BTEX compound concentrations exceeded the GAC for a commercial industrial land use scenario for samples collected in the Coal Stockyard Area. All additional compounds within the Volatile Organic Compounds (VOCs) suite were recorded below the limit of detection.
- All SVOC compounds , including the key 16 Polycyclic Aromatic Hydrocarbons (PAHs) were recorded either below the limit of detection or well below the adopted GAC.
- All samples tested for PCBs were recorded below detectable limits.
- Cyanide was not recorded above the respective GAC in any of the samples analysed.
- No asbestos fibres were recorded in any of the samples submitted for analysis (4 No.).

2.14 Groundwater

2.15 Groundwater samples were collected from three trial pits TP7, TP10 & TP13 to give an initial assessment of the groundwater quality at the site. The water in these trial pits is considered to be perched above shallow bedrock deposits and potentially saline if continuous with the Largs channel to the west.

- The majority of the metal concentrations were recorded below their EQS respective screening values with the following exceptions:
  - Chromium – TP13 (18 µg/l);
  - Copper – TP10 & TP13 (6.4 µg/l & 21 µg/l respectively);
  - Lead – TP10 (28 µg/l); and
  - Zinc – TP10 (66 µg/l).
- All organic contaminants including TPH, PAHs, VOCs, SVOCs were below the limit of detection in all samples.
- Cyanide was below detectable limits in all three samples. There is no marine Environmental Quality Standards (EQS) for sulphate, however, sulphate levels were below both the Water Supply regulation drinking water quality guideline and freshwater EQS guideline values.
- pH ranged from 6.7 in TP13 to 8.1 in TP10.

Leachate

2.16 Soil samples were submitted also to assess the leachable metal content as a means of assessing the potential for the migration of metals from the soils to the water environment. The EQS for the marine environment were adopted for assessment purposes.

- There were no EQS exceedances recorded for any of the metals in a leachate form.

2.17 Other contaminants

2.18 In terms of radiological investigation, the following information is provided:

- Radiological monitoring has been undertaken by SEPA in the area surrounding Hunterston B power station located approx. 1 km to the southwest and included sampling stations from the area of the power station itself, to Millport and Fairlie and included locations on Gulls Walk (in or within the vicinity of the Application Site);
- Dose rates to the public were well below the 1 mSv human health assessment level for all pathways considered.

Environmental Setting

Geology

2.19 Based on British Geological Survey (BGS) mapping (1:50,000-scale) and the Scottish Environment Protection Agency (SEPA) Groundwater Vulnerability mapping (1:100,000-scale), the stratigraphic sequence and aquifer classifications beneath the site are indicated to be as follows:

Table 2-5 – Descriptions of Geological Strata

Strata	Description & approximate thickness	Aquifer Classification
Marine Beach Deposits (northern part of site)	Sand and Gravel	Unclassified

Strata	Description & approximate thickness	Aquifer Classification
Raised Marine Deposits (southern part of site)	Clay, Silt, Sand and Gravel	Unclassified
Kelly Burn Sandstone Formation	Sandstone	Moderately productive aquifer (Class 1B) although potential for salinity in the site locality

2.20 Numerous boreholes, assumed to have been drilled predevelopment of the site as an ore terminal, are located within the Application Site boundary. It is assumed that these boreholes were formed in the natural deposits as shown on the published mapping at times of low-tide. The superficial deposits comprise an assemblage of predominantly sands, gravels and clay. The sands typically included shell fragments and clays commonly with silt and sand partings. The clays varied in consistency from soft to very stiff and the sands were typically described with a density of loose becoming medium dense.

2.21 Clayey and sandy peat was encountered towards the south of the site within two boreholes, described as being very soft (0.45 m and 1.00 m thickness).

2.22 The sandstone bedrock was encountered at variable depths across the site, typically deepest in the northwestern portion of the site at approximately 14.50 m depth (locally 22.85 m depth) shallowing towards the east to approximately 8.00 m depth. Shallow bedrock of approximately 3.00 m to 5.00 m depth was encountered in the southern portion of the site (locally 1.50 m depth)

2.23 Three boreholes were drilled along the alignment of the pier. These encountered Alluvium comprising loose becoming medium dense orangish brown silty sand with occasional shells to >10.45 m depth (depth unproven).

2.24 Selected BGS borehole logs for the Application Site are provided in Annex G.

2.25 Made Ground is expected to be present across the Application Site as a result of the past construction and demolition activities.

Hydrogeology

2.26 Under the Water Framework Directive, the Scottish Environmental Protection Agency's (SEPA) website indicates groundwater beneath the site forms part of the West Kilbride and North Ayrshire Coastal waterbodies in the Clyde Basin district and classifies the overall groundwater quality as 'good'.

2.27 Information provided by the Scottish Government indicates that there are no records of active licensed groundwater abstractions within 2 km of the site.

Surface Water

2.28 There are numerous watercourses surrounding the site the closest being tributaries of Glen Burn immediately to the east and Burn Gill immediately to the south of the site. These are not classified within a River Basin Management Plan published by the SEPA under the European Water Framework Directive (2000).

2.29 The Largs Channel which is the coastal water body immediately west of the site is classified as having 'good' overall water quality.

2.30 Information provided by the Scottish Government indicates that there are no records of active licensed surface water abstractions within 2 km of the site.

Ecologically Sensitive Sites

2.31 NatureScot data indicates that there is one ecologically sensitive site, that constitutes an environmental receptor as defined within Table 1 of the DEFRA Environmental Protection Act 1990: Part 2A - Contaminated Land Statutory Guidance (2012), located within a 1 km radius of the site. This is Southannan Sands which is designated a Site of Special Scientific Interest.

2.32 Also identified as sensitive land use within 250 m are areas of designated Ancient Woodland to the east and northeast.

Radon

2.33 According to the Indicative Atlas of Radon in England and Wales published by the Health Protection Agency (part of Public Health England) and the British Geological Survey, the site is not located in an area at risk from radon gas.

Coal Authority

2.34 The Interactive Map Viewer on the Coal Authority website indicates that the site is not located in a coal mining reporting area.

Non-Coal Mining

2.35 The site is indicated to be unlikely to be affected by non-coal mining activities.

2.36 The Application Site is identified as a BGS Recorded mineral site (Hunterston Coal Terminal operated by Clydeport Ltd) for imported coal.

BGS Ground Stability Hazard Ratings

2.37 The highest British Geological Survey Ground Stability Hazard ratings for the site are summarised as follows.

Table 2-6 – BGS Ground Stability Hazard Ratings

Ground Stability Hazard	BGS Risk rating
Collapsible ground	Very low.
Compressible ground	Moderate.
Ground dissolution	No hazard.
Landslide	Low.
Running sand	Very low.
Shrinking or swelling clay	Very low.

Authorised Processes and Pollution Incidents

Landfills and Waste Sites

2.38 Data provided by the SEPA, Local Authority and BGS indicates that there are no recorded licensed or known historical landfill sites located within 250 m of the site.

Environmental Permits

2.39 SEPA and Local Authority data indicates that there are three processes regulated by an Environmental Permit (under the Environmental Permitting Regulations 2010) within 500 m of the subject site. These are detailed in the table below:

Table 2-7 – Environmental Permits

Licence Holder	Approx. Distance and Direction from Site	Permitted Activity
T H Fergusson & Co Processing Ltd	On site	LAAPC Part B Processes (unidentified)
Clydeport Operations Ltd	On site	LAAPC Part B – General Mineral Process (Active permit)
Rmc (UK) Ltd	19 m north	LAAPC PG3/1 Blending, packing, loading and use of bulk cement (Active Permit)

COMAH/NIHHS Sites

2.40 There are no records of any operations under the Control of Major Accident Hazards (COMAH) Regulations 1999, located within 500 m of the Application Site.

2.41 There are no recorded locations for facilities with Notifications of Industries Handling Hazardous Substances (NIHHS) on or within 500 m of the Application Site.

Pollution Incidents

2.42 SEPA data indicates that there are no records of 'major' or 'significant' pollution incidents within 500 m of the Application Site.

Unexploded Ordnance

2.43 CIRIA Report C681 (Stone et al 2009) outlines recommendations for dealing with the potential risk associated with the legacy of Unexploded Ordnance Risk, largely relating the WWII bombing and military sites.

2.44 Reference to the Zetica Unexploded Bomb Risk mapping indicates that the Application Site is in an area of low potential risk from Unexploded Bombs with no evidence of site development during the period of the Second World War. As the site is not within an area of known military history, in general accordance with CIRIA Report no further consideration of Unexploded Ordnance is considered necessary.

3 OUTLINE CONCEPTUAL SITE MODEL

Background

3.1 An outline conceptual site model (CSM) consists of an appraisal of the *source-pathway-receptor* 'contaminant linkages' which is central to the approach used to determine the existence of 'contaminated land' according to the definition set out under Part 2A of the Environmental Protection Act 1990. For a risk to exist (under Part 2A), all three of the following components must be present to facilitate a potential 'pollutant linkage'.

- **Source** referring to the source of contamination (Hazard).
- **Pathway** for the contaminant to move/migrate to receptor(s).
- **Receptor** (Target) that could be affected by the contaminant(s).

3.2 Receptors include human beings, controlled waters and buildings / structures. The National Planning Policy Framework, used to address contaminated land through the planning process, follows the same principles as those set out under Part 2A. Further details on the Part 2A regime are presented within Annex C.

3.3 As part of the assessment the potential risks to receptors for potential source is given one of the following classifications:

- **Low risk** - it is considered unlikely that issues within the category will give rise to significant harm to identified receptors
- **Moderate risk** - it is possible, but not certain that issues within the category will give rise to significant harm to receptors
- **High risk** - there is a high potential that issues within the category will give rise to significant harm to identified receptors

Potential Pollutant Linkages

3.4 Each stage of the potential pollutant linkage sequence has been assessed individually on the basis of information obtained during the site reconnaissance, review of a previous Phase 2 report and desk study exercise and are discussed in the following section. It should be noted that no intrusive investigation, testing of soil, building materials, surface water or groundwater has been carried out within this assessment. Dependent on the findings of this CSM, recommendations for further studies by means of an intrusive investigation may be advised to evaluate any potential pollutant linkages identified.

Potential Contaminant Sources

On Site – Current

3.5 Current on-site potential sources of contaminants of concern include

- Peat and other organic materials within the superficial deposits which could represent a potential source of ground gas;
- Storage tanks/drums containing lubricants/ fuels/oils/antifreeze; and
- Asbestos Containing Materials (ACMs) arising from demolitions works / redundant buildings/structures/plant/infrastructure associated with the clearance of the former facility.

3.6 Made Ground is expected be present beneath the site, from initial reclamation works for construction of the former coal yard/ore terminal and from more recent

construction/demolition/clearance works, which could represent a potential source of contaminants of concern and / or ground gas. Low level rail track embankments are also present constructed on unknown materials.

On Site – Historical

3.7 Historical maps indicate the following potential contaminative use:

- Coal Yard part of the Hunterston Ore Terminal – operational plant/equipment and storage /maintenance activities.

Off-site – Current

- Electricity substations.
- Hunterston Nuclear Power Station

Off-Site – Historical

3.8 Historical maps indicate the following potential sources of contaminants of concern

- Electricity substations
- Hunterston Ore Terminal Main Site processing plant.
- Embankments (unknown Made Ground)
- Tanks (unknown contents)
- Railway lines (source of metal/coal particulates or asbestos fibres)

Potential Pathways

3.9 In areas of the site covered by buildings or hardstanding the risks to future on site human health receptors via the pathways of dermal contact and ingestion will be mitigated. In areas of proposed soft landscaping, the pathways of dermal contact and ingestion could still be active and there would be potential for the airborne migration of soil/dust from these areas, however the proposed development is understood to not include for soft landscaping.

3.10 There is the potential for ground gas and volatile contaminants of concern in soil and/or groundwater beneath the site to impact future site users via the inhalation pathway in indoor areas. A minimal low risk is associated with outdoor exposure pathways.

3.11 There is the potential for contaminants of concern (if present) beneath the site to migrate on or off-site via granular horizons of the Made Ground (if present) and the superficial marine deposits. These may impact controlled waters receptors or on/off-site human heath receptors via the dermal contact, ingestion and vapour inhalation pathways or other sensitive environmental receptors through impacted groundwater.

Potential Receptors

3.12 Potential post development human health receptors include future site users and off-site human health receptors for other neighbouring proposed redevelopment areas.

3.13 Surface Water - the shallow groundwater beneath the site is expected to be high, potentially tidal and in continuity with the Largs Channel coastal water body, which is located immediately west of the site.

3.14 The Southannan Sands a designated SSSI is located adjacent to the site within the Largs Channel.

3.15 The Sandstone Aquifer beneath the site also represents a sensitive receptor give the classification as a 'Moderately Productive Aquifer', however there are no identified licensed abstractions or source protection zones within 2 km again potentially likely to be saline and unsuitable as a potable source.

3.16 Proposed buildings/structures – foundations or services could be prone to chemical attack via direct contact with contaminated soils/groundwater or elevated concentrations of sulphates or acidic pH. Accumulation of toxic/explosive ground gases in buildings/structures.

3.17 The assessment does not consider the risk to construction/demolition workers during redevelopment. These risks will be managed through appropriate H&S legislation include H&S At works act and CDM regs.

Outline Conceptual Site Model

3.18 An outline CSM has been developed on the basis of the site reconnaissance and desk study. The CSM is used to identify potential sources, pathways and receptors (i.e. potential pollutant linkages) on site post development and is summarised in the table below.

Potential Source	Contaminants of Concern	Via	Potential Pathways	Linkage Potentially Active?	Receptors	Qualitative Risk Rating	Notes
On site – current: Made Ground, embankments, storage tanks/drums, storage/maintenance yard. **On site – historical:** Ore/coal Terminal.	Metals, hydrocarbons, solvents, Polychlorinated biphenyls (PCBs) and asbestos.	Soil	Direct contact/ingestion	×	Future site users	NA	Proposed end use is 100% hard cover.
			Inhalation of volatiles	✓		Moderate if accumulation in buildings Low for outdoor exposure	Current storage of potentially volatile contaminants is in relatively small quantities minimising risks from leaks/spillages. Potential for more extensive leaks/spillages associated with former use cannot be discounted.
			Airborne migration of soil or dust	×	Off-site users	NA	Proposed end use is 100% hard cover.
			Leaching of mobile contaminants	✓	Groundwater	Low	Proposed end use is 100% hard cover which will reduce infiltration and subsequent leaching of potential contaminants.
			Direct Contact	✓	Proposed building foundations/ water supply pipes	Moderate	Potentially deleterious Made Ground from past activities may be present and present a significant risk to buried structures or services.
		Groundwater	Direct contact/ingestion	× ✓	Future site users Off-site users	NA Low	Proposed end use is 100% hard cover which will reduce infiltration and mobilisation of potential contaminants.
			Inhalation of volatiles	✓ ✓	Future site users Off-site users	Moderate	As above for soils. Off-site migration through lateral flow.
			Vertical and lateral migration in permeable strata	✓ ✓ ✓	Groundwater Burns/coastal waters Southannan Sands (SSSI)	Low/ Moderate	Proposed end use is 100% hard cover which will reduce infiltration and mobilisation of potential contaminants.

Potential Source	Contaminants of Concern	Via	Potential Pathways	Linkage Potentially Active?	Receptors	Qualitative Risk Rating	Notes
Off-site – current: Electricity substations. **Off-site – historical:** Tanks, railway lines	Metals, hydrocarbons, solvent and PCBs	Groundwater	Direct contact/ingestion	×	Future site users	NA	-
			Inhalation of volatiles	✓	Future site users	Moderate	Likely to be localised point sources of contamination.
On and off-site – Made Ground / Marine Deposits containing peat and other organic material.	Carbon dioxide and methane	Ground Gas	Inhalation of ground gas	✓ ✓	Future site users Off-site users	Moderate in structures Low – outdoor exposure	BGS borehole records indicate localised peat deposits present beneath the site. Made Ground thickness and composition unproven.
			Explosive risks	✓ ✓	Future site users Off-site users Future and off-site Structures	Moderate in structures Low – outdoor exposure	As above.

Note The Qualitative Risk Rating does not consider the potential for the pathway to be active. In the event that a Moderate or High Qualitative Risk Rating is identified further assessment is recommended

4 CONCLUSIONS AND RECOMMENDATIONS

Conclusions

Planning Assessments

4.1 The outline CSM produced upon completion of the desk study assessment has identified a number of potential pollutant linkages that may be active upon the redevelopment of the site. It is therefore recommended that the potential for these linkages to be active is assessed through a Phase 2 Site Investigation. The scope of this investigation should include the following:

- Drilling of a number of boreholes across the site targeting identified potential sources and pollutant linkages;
- Collection of soil and groundwater samples with chemical analysis of these samples for contaminants of concern;
- Installation and monitoring of groundwater and ground gas monitoring wells;
- Assessment of ground conditions and generic quantitative risk assessment of soil and groundwater chemical analysis results to determine the potential for the identified potential pollutant linkages to remain active upon redevelopment of the site; and
- Provision of recommendations (where necessary) for remediation/mitigation measures to ensure that any identified potential pollutant linkages are not active upon redevelopment of the site.

4.2 It is often cost efficient to combine any site investigation undertaken for geo-environmental purposes with geotechnical testing, to facilitate preliminary foundation and pavement design.

4.3 RPS can provide a cost for assisting with the further recommendations upon request.

REFERENCES

BGS. British Geological Survey Onshore GeoIndex. [online] Available at: http://www.bgs.ac.uk/geoindex/ [Accessed 09/11/2021].

Building Research Establishment (2008): Guidance for the Safe Development of Housing on Land Affected by Contamination. R&D Publication 66.

British Standards Institution (2019): Soil quality — Conceptual site models for potentially contaminated sites. BS EN ISO 21365:2019.

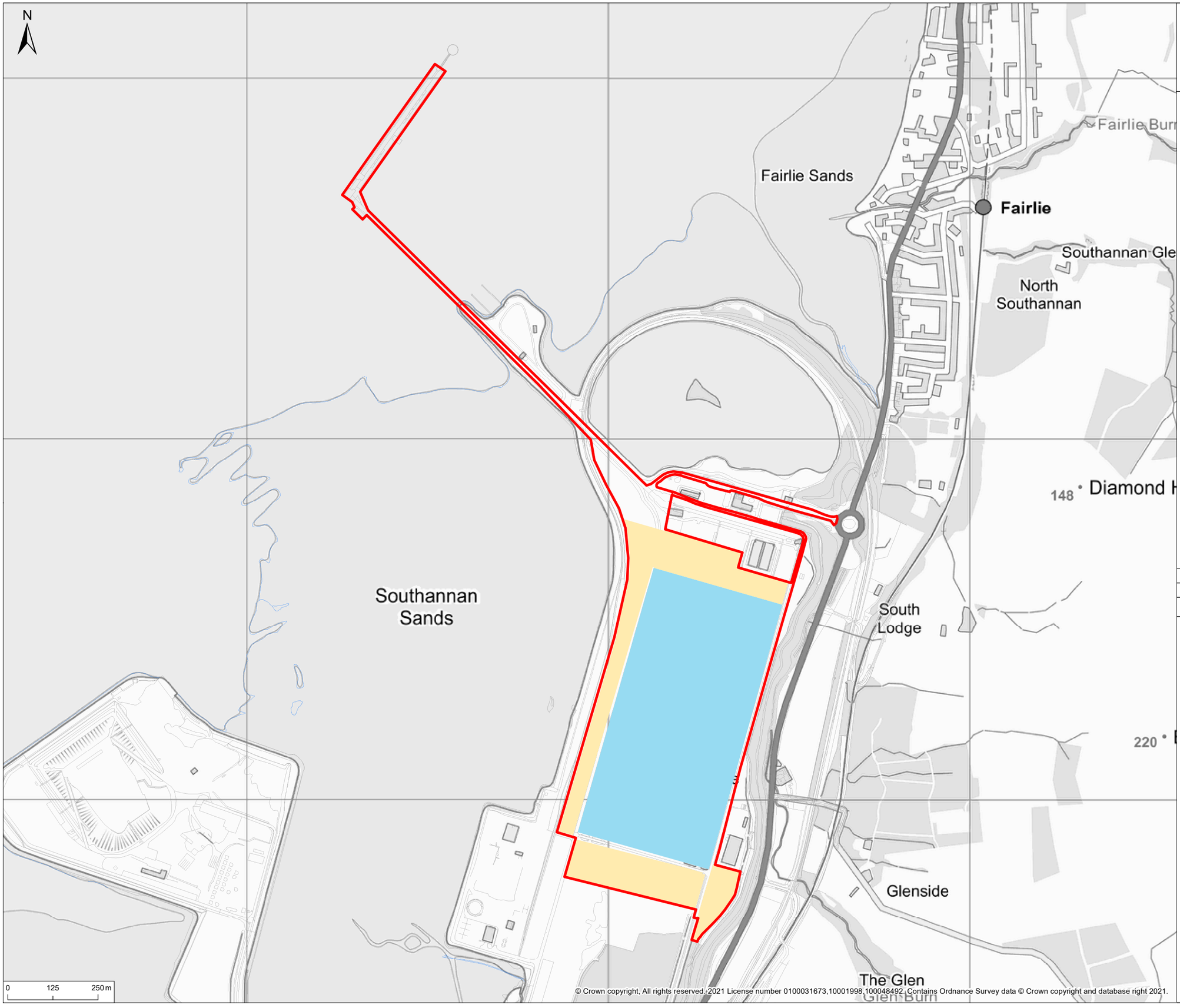
CIRIA C681 (2009) Stone (et al) Unexploded Ordnance (UXO) A Guide for the Construction Industry.

Environment Agency (2020): Land Contamination: Risk Management (LCRM 2020).

https://magic.defra.gov.uk/

https://zeticauxo.com/downloads-and-resources/risk-maps/

Annex A
Drawings



Notes
1. This drawing has been prepared in accordance with the scope of RPS's appointment with its client and is subject to the terms and conditions of that appointment. RPS accepts no liability for any use of this document other than by its client and only for the purposes for which it was prepared and provided.
2. If received electronically it is the recipients responsibility to print to correct scale. Only written dimensions should be used.

Legend

- Site Boundary
- Construction Laydown and Welfare (Illustrative)
- Manufacturing Facility Parameter Envelope (Illustrative)

Rev	Description	By	CB	Date

20 Western Avenue, Milton Park, Abingdon, Oxfordshire, OX14 4SH
T: +44(0)1235 821 888 E: rpsox@rpsgroup.com

Client: XLCC Ltd

Project: Xlinks Cable Factory, Hunterston

Title: Indicative Development Zones

Status	Drawn By	PM/Checked By
DRAFT	MP	MB
Project Number	**Scale @ A3**	**Date Created**
NP12180	1:10,000	OCT 2021
Figure Number		**Rev**
2		**-**

rpsgroup.com

O:\12180 Xlinks Port-based Manufacturing\Tech\Drawings\12180-0002-02.mxd

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

CDM - RESIDUAL HAZARDS The following are considered to be significant risks relevant to this drawing, which could not be fully mitigated or removed through design:

	CDM - RESIDUAL HAZARDS
1	
2	
3	etc.
	Further possible control measures have been identified within the Design Risk Assessments which may help to mitigate these and other identified risks further during the construction / maintenance process.

Area Schedule

Building No.	GIA (sq.m)	GEA (sq.m)
1	8,268 sq.m	9,068 sq.m
2	9,565 sq.m	9,821 sq.m
3 / 4 Combined	15,171 sq.m	16,394 sq.m
5	2,898 sq.m	3,153 sq.m
6	27 sq.m	36 sq.m
7	131,795 sq.m	135,531 sq.m
8	2,056 sq.m	2,157 sq.m
9	1,177 sq.m	1,291 sq.m
10	554 sq.m	617 sq.m
11	23,993 sq.m	24,579 sq.m
12	35,392 sq.m	36,099 sq.m
13	2,312 sq.m	2,564 sq.m
14	441 sq.m	454 sq.m
15	441 sq.m	454 sq.m
16	200 sq.m	206 sq.m
Total	**234,290.0 sq.m**	**242,424.0 sq.m**

Note:

- Cladding zone assumed - 550mm
- Structural zone shown - 1200mm
- Building 1 & 3 structural zone - 2.5m

Areas exclude the following:

- Overall area tolerance

Demise Site Area: 28.47Ha / 70.34Ac

Illustrative Security Fence

Total Car Parking Spaces: 686

0 10 20 30 40 50 100
Metres at scale 1:1000

INDICATIVE ONLY

Revision		Date	Drn	Chk
P06	Indicative Landscape scheme included	20.01.2022	AD	MMS
P05	Titleblock and status revised	13.12.2021	MMS	AD
P04	Process design revised	10.12.2021	MMS	AD
P03	Admin repositioned	07.12.2021	AD	MMS
P02	Process design revised	01.12.2021	AD	MMS
P01	First Issue	30.11.2021	AD	MMS

Client
XLCC

Project
XLCC Hunterston

Drawing title
Illustrative Masterplan

Suitability Status
S4 - Suitable for Stage Approval

Job No.	Scale	Size	Rev
210685	**1:1000**	**@ A0**	**P06**

Drawing Number
XLHU-SGP-00-ZZ-DR-A-10002
Project Code - Originator - Zone - Level - Type - Role - Number

PICK EVERARD
T 0345 045 0050
www.pickeverard.co.uk

Annex B
General Notes

GENERAL NOTES

RPS CONSULTING SERVICES LTD

PHASE 1 - ENVIRONMENTAL RISK ASSESSMENT / DESK STUDY ENVIRONMENTAL REVIEW

1. A "desk study" means that no site visits have been carried out as any part thereof, unless otherwise specified.
2. This report provides available factual data for the site obtained only from the sources described in the text and related to the site on the basis of the location information provided by the Client.
3. The desk study information is not necessarily exhaustive and further information relevant to the site may be available from other sources.
4. The accuracy of maps cannot be guaranteed and it should be recognised that different conditions on site may have existed between and subsequent to the various map surveys.
5. No sampling or analysis has been undertaken in relation to this desk study.
6. Any borehole data from British Geological Survey sources is included on the basis that: "The British Geological Survey accept no responsibility for omissions or misinterpretation of the data from their Data Bank as this may be old or obtained from non-BGS sources and may not represent current interpretation".
7. Where any data supplied by the Client or from other sources, including that from previous site investigations, have been used it has been assumed that the information is correct. No responsibility can be accepted by RPS for inaccuracies in the data supplied by any other party.
8. This report is prepared and written in the context of an agreed scope of work and should not be used in a different context. Furthermore, new information, improved practices and changes in legislation may necessitate a re-interpretation of the report in whole or in part after its original submission.
9. The copyright in the written materials shall remain the property of the RPS Company but with a royalty-free perpetual licence to the Client deemed to be granted on payment in full to the RPS Company by the Client of the outstanding amounts.
10. The report is provided for sole use by the Client and is confidential to them, their professional advisors, no responsibility whatsoever for the contents of the report will be accepted to any person other than the Client. [Unless otherwise agreed]
11. These terms apply in addition to the RPS "Standard Terms & Conditions" (or in addition to another written contract which may be in place instead thereof) unless specifically agreed in writing. (In the event of a conflict between these terms and the said Standard Terms & Conditions the said Standard Terms & Conditions shall prevail.) In the absence of such a written contract the Standard Terms & Conditions will apply.

Annex C
Part 2A (The Contaminated Land Regime

Under Section 57 of the Environmental Act 1995, Part 2A was inserted into the Environmental Protection Act

CONTAMINATED LAND DEFINITION

1990 to include provisions for the management of contaminated land.

Subsequent regulations were first implemented in England in April 2000, Scotland in July 2000 and Wales in July 20011, providing a definition of 'contaminated land' and setting out the nature of liabilities that can be incurred by owners of contaminated land and groundwater.

According to the Act, contaminated land is defined as 'any land which appears to the local authority in whose area the land is situated to be in such a condition, by reason of substances in, on or under the land that:

1. *significant harm* is being caused or there is a *significant possibility* of such harm being caused; or
2. *significant pollution* of water environment[2] is being caused or there is a significant possibility of such pollution being caused[3]'

The guidance on determining whether a particular possibility is significant is based on the principles of risk assessment and in particular on considerations of the magnitude or consequences of the different types of significant harm caused. The term 'possibility of significant harm being caused' should be taken, as referring to a measure of the probability, or frequency, of the occurrence of circumstances that could lead to significant harm being caused.

The following situations are defined where harm is to be regarded as significant:

1. Chronic or acute toxic effect, serious injury or death to humans
2. Irreversible or other adverse harm to the ecological system
3. Substantial damage to, or failure of, buildings
4. Disease, other physical damage or death of livestock or crops
5. The pollution of water environment[4].

With regard to radioactivity, contaminated land is defined as 'any land which appears to be in such a condition, by reason of substances in, on or under the land that harm is being caused, or there is a significant possibility of such harm being caused5'.

The Risk Assessment Methodology

Risk assessment is the process of collating known information on a hazard or set of hazards in order to estimate actual or potential risks to receptors. The receptor may be humans, a water resource, a sensitive local ecosystem or future construction materials. Receptors can be connected with the hazard via one or several exposure pathways (e.g. the pathway of direct contact). Risks are generally managed by isolating or

[1] In England by The Contaminated Land (England) Regulations 2000, updated by The Contaminated Land (England) (Amendment) Regulations 2012; in Scotland by The Contaminated Land (Scotland) Regulations 2000, updated by the Contaminated Land (Scotland) Regulations 2005; and in Wales by The Contaminated Land (Wales) Regulations 2001, updated by the Contaminated Land (Wales) Regulations 2006.

[2] In Scotland the term "controlled water" has been updated to "water environment" under the Contaminated Land (Scotland) Regulations 2005 in line with the Water Environment and Water Services (Scotland) Act 2003.

[3] The definition was amended in 2012 by implementation of the Water Act 2003.

[4] Groundwater in this context does not include waters within underground strata but above the saturated zone.

[5] The Radioactive Contaminated Land (Modification of Enactments) (England) Regulations 2006 and Contaminated Land (Wales) Regulations 2006.

removing the hazard, isolating the receptor, or by intercepting the exposure pathway. Without the three essential components of a source (hazard), pathway and receptor, there can be no risk. Thus, the mere presence of a hazard at a site does not mean that there will necessarily be attendant risks.

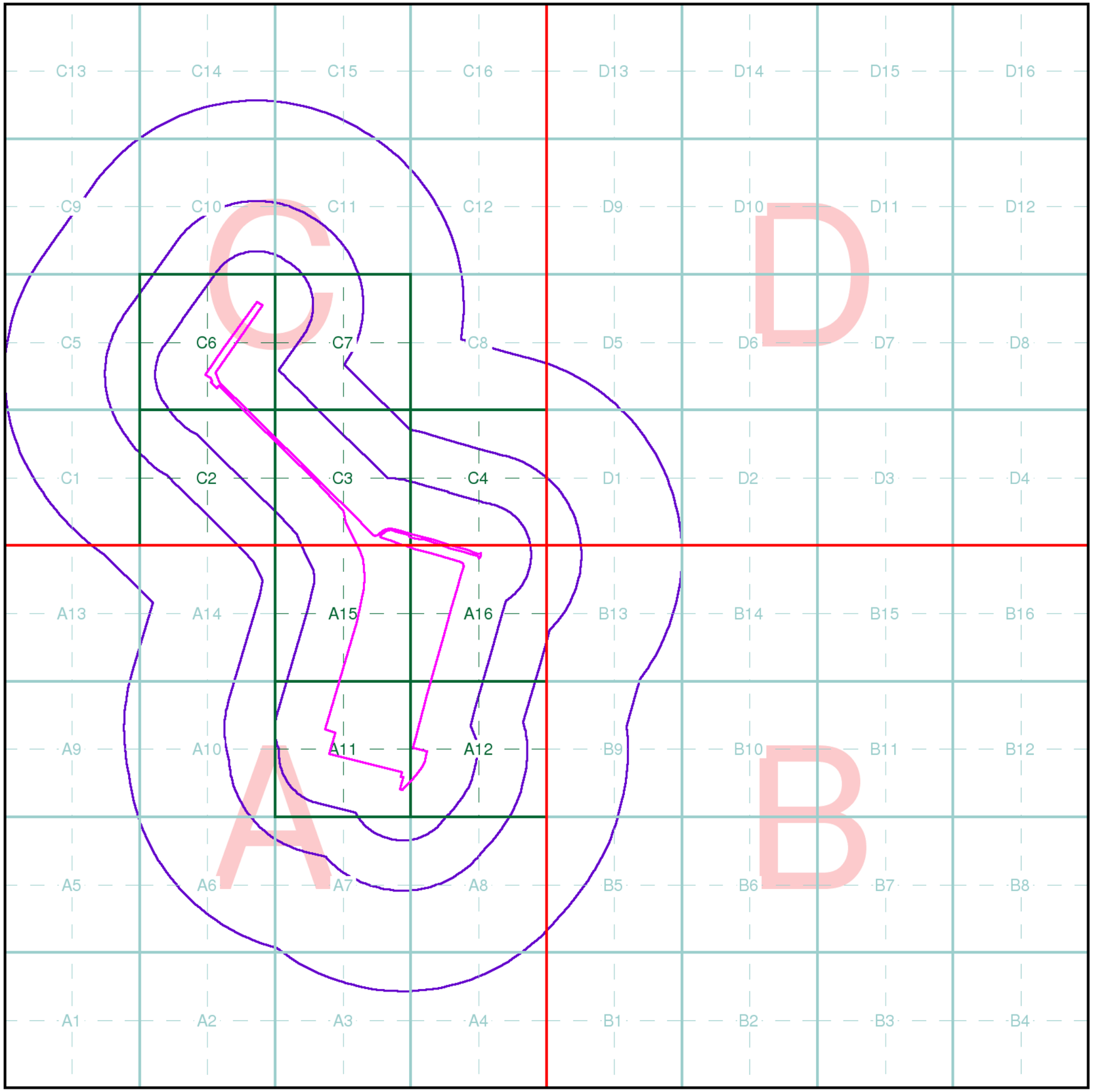
The Risk Assessment

By considering where a viable pathway exists which connects a source with a receptor, this assessment will identify where pollutant linkages may exist. A pollutant linkage is the term used by the DEFRA in their standard procedure on risk assessment. If there is no pollutant linkage, then there is no risk. Therefore, only where a viable pollutant linkage is established does this assessment go on to consider the level of risk. Risk should be based on a consideration of both:

- The likelihood of an event (probability) - takes into account both the presence of the hazard and receptor and the integrity of the pathway.
- The severity of the potential consequence - takes into account both the potential severity of the hazard and the sensitivity of the receptor.

For further information please see the Contaminated Land section on the DEFRA website (www.defra.gov.uk).

Annex D
Landmark Envirocheck Data



Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant
A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:

Map data

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

SEPA
Scottish Environment Protection Agency

SCOTTISH NATURAL HERITAGE

Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr G Chapman, RPS Consulting Services Ltd, 260 Park Avenue, Aztec West, Almondsbury, Bristol, BS32 4SY

Order Details

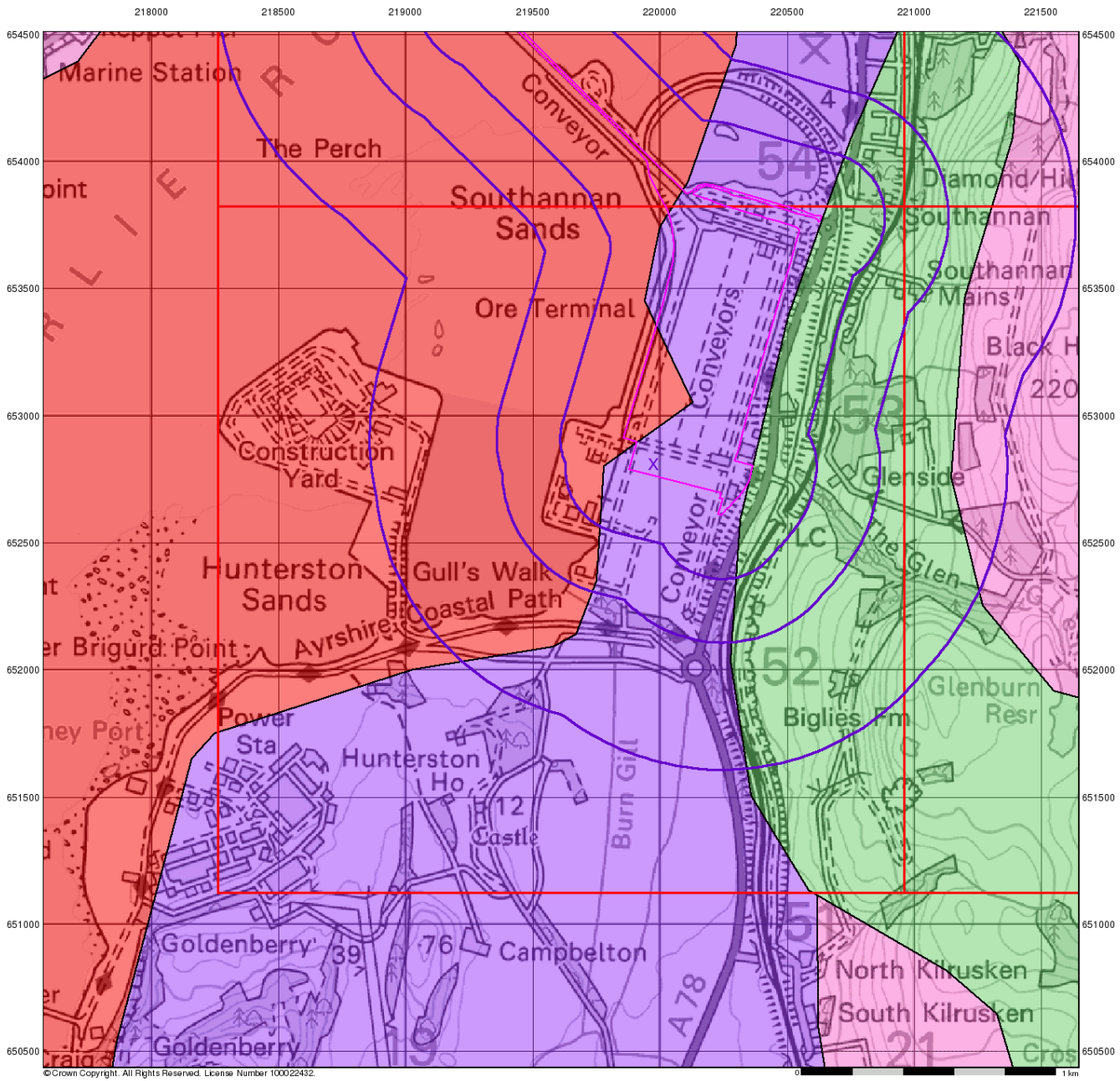
Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	220160, 653370
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

Full Terms and Conditions can be found on the following link:
http://www.landmarkinfo.co.uk/Terms/Show/515

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



Groundwater Vulnerability

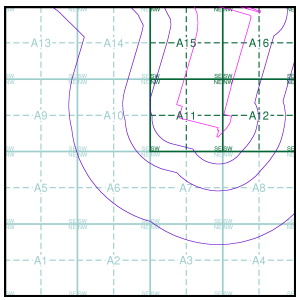
General

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

Agency and Hydrological

Geological Classes	Soil Classes
Highly Permeable	High
	Intermediate
	Low
Moderately Permeable	
Weakly Permeable	
Water or Sea	
Drift Deposit	

Site Sensitivity Context Map - Slice A



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National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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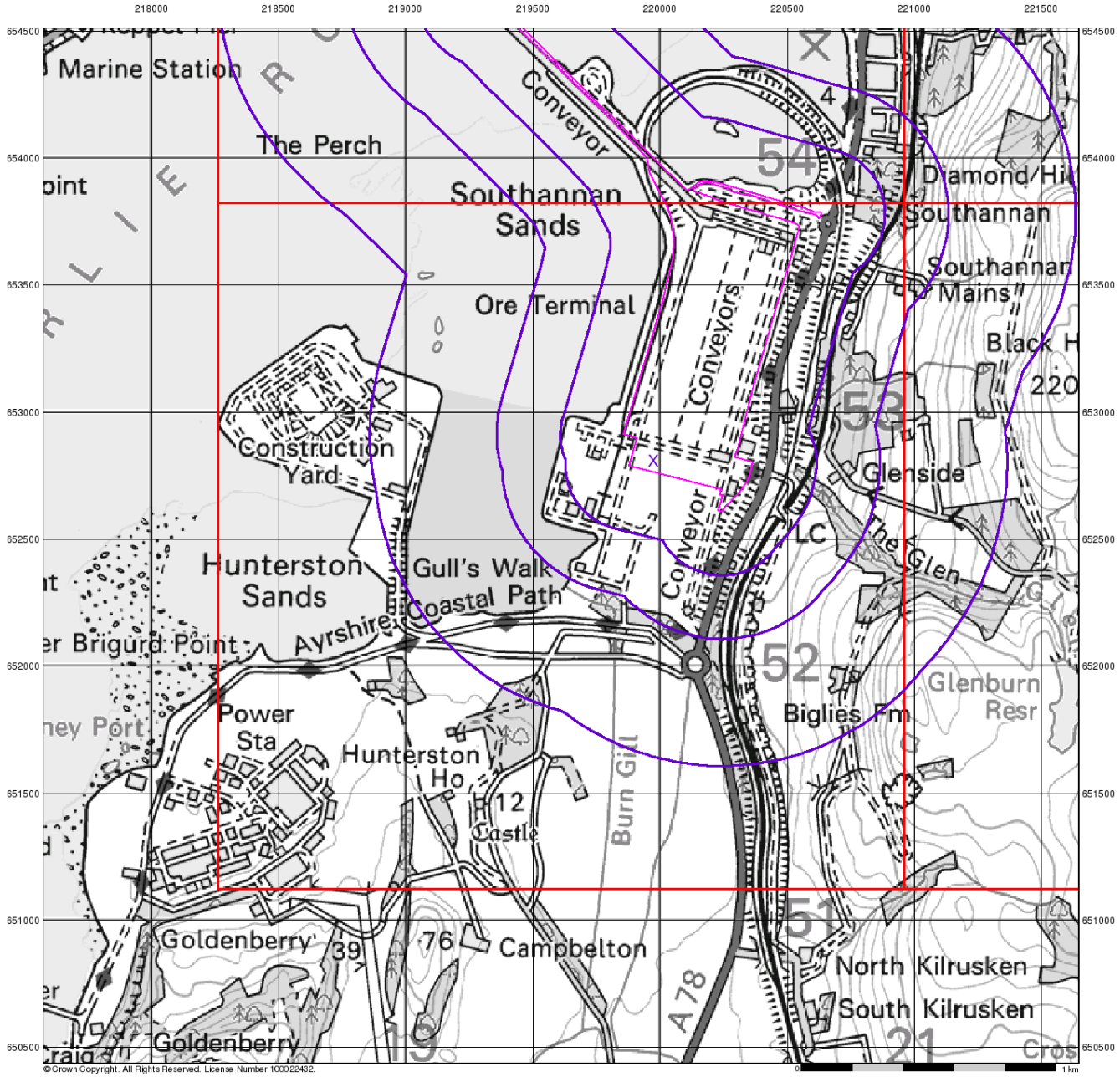


Source Protection Zones

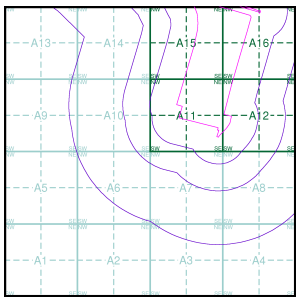
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



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National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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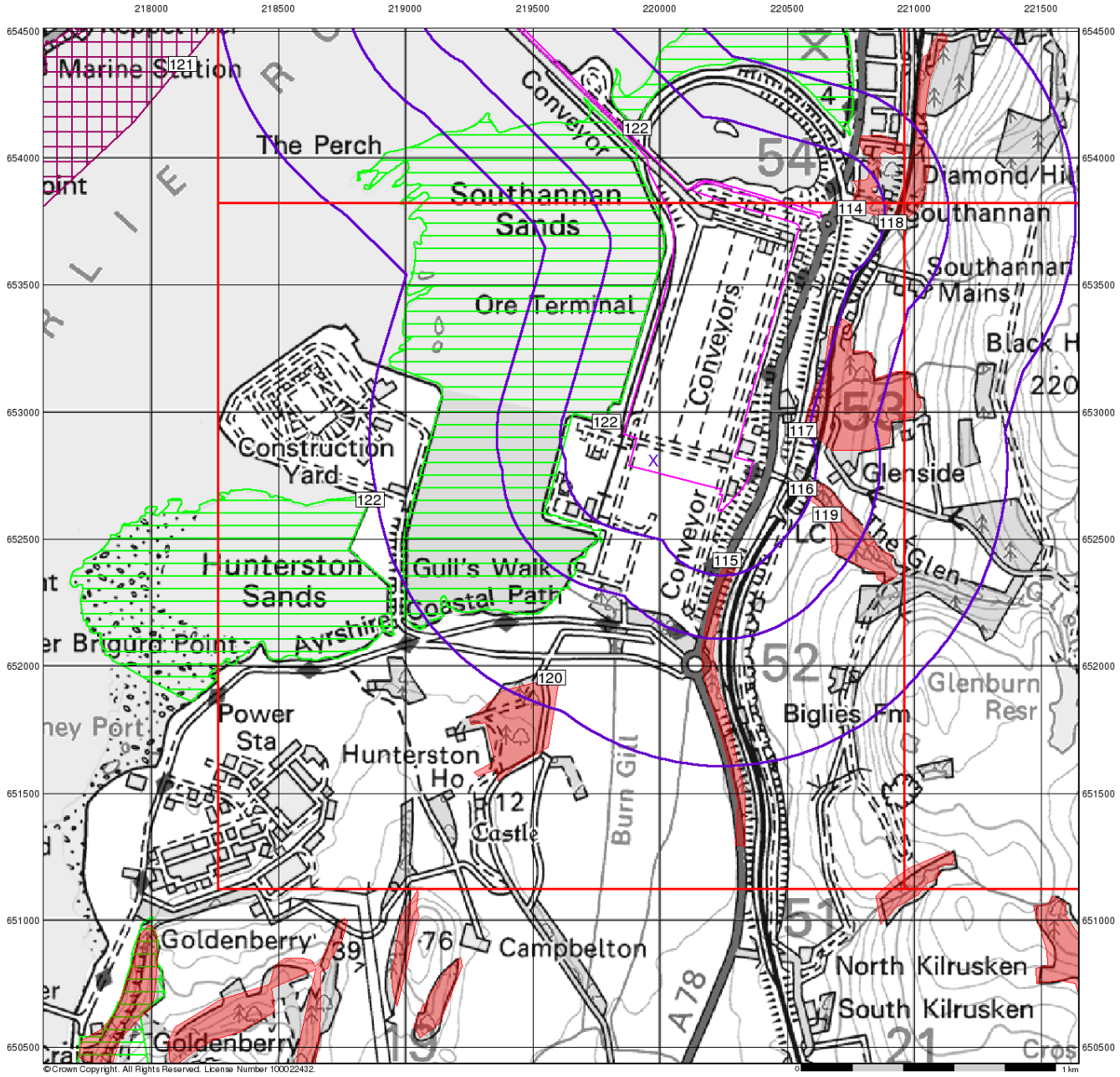
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Sensitive Land Uses

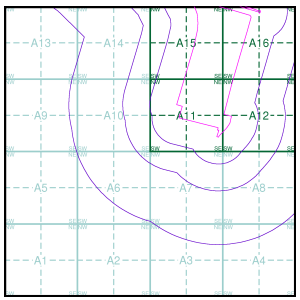
General

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
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- National Scenic Area
- 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



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Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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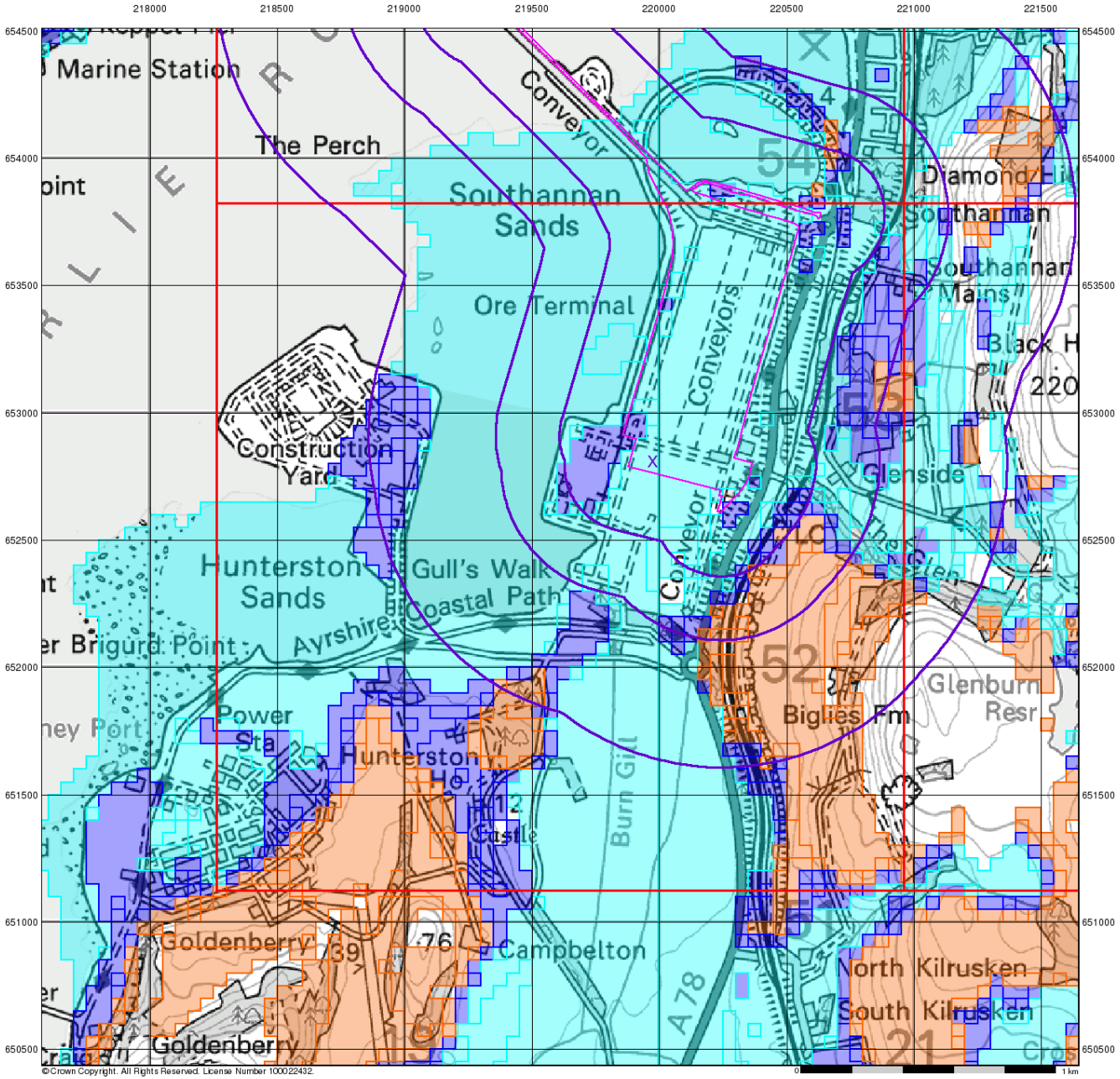


BGS Flood GFS Data

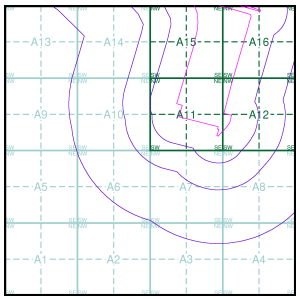
General

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



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Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
287571652_1_1

Customer Reference:
JER9266

National Grid Reference:
219970, 652810

Slice:
A

Site Area (Ha):
54.89

Search Buffer (m):
1000

Site Details:

Site at 219948,653824

Client Details:

Mr G Chapman
RPS Consulting Services Ltd
260 Park Avenue
Aztec West
Almondsbury
Bristol
BS32 4SY

Contents

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.

Report Version v53.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 6		2		1
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 7	1	1		
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7	Yes			
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 7				1
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability	pg 7	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Source Protection Zones					
River Flood Data (Scotland)				n/a	n/a
OS Water Network Lines	pg 8	2	34	47	21
Waste					
BGS Recorded Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 20	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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 21	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 21	1			2
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 21	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 21	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 22	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 23	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 23	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 25			1	
Fuel Station Entries					
Gas Pipelines					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 26		4	2	1
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves	pg 26				1
National Nature Reserves					
National Parks					
National Scenic Areas					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 26		1		
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 to Occur at Surface	A11SE (SE)	0	1	220200 652700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SE (SE)	0	1	219973 652809
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SE (E)	0	1	220000 652809
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (E)	0	1	220350 652750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (NW)	0	1	219900 652850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (N)	0	1	220000 653400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15NE (N)	0	1	220100 653600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15NE (N)	0	1	220200 653800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16NW (NE)	0	1	220550 653800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15SE (N)	0	1	220000 653450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15SW (N)	0	1	219850 653150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15SE (N)	0	1	220000 653300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11NE (N)	0	1	219973 652950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (SE)	0	1	220250 652650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	220200 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	219973 654000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	220300 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A16NW (NE)	0	1	220550 653750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16NW (NE)	3	1	220550 653650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16NW (NE)	10	1	220600 653800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SW (W)	29	1	219850 652800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SE (SE)	33	1	220150 652600

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	A16NW (NE)	36	1	220550 653550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NW (E)	56	1	220400 652950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	56	1	220600 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	66	1	220650 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16NE (NE)	67	1	220700 653750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A16NE (NE)	69	1	220700 653800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A16NW (NE)	71	1	220600 653600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16NE (NE)	72	1	220700 653700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SW (E)	91	1	220400 652650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16NE (NE)	97	1	220700 653650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SE (S)	102	1	220000 652550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	115	1	220650 653900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (E)	132	1	220450 652650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SW (E)	143	1	220500 652750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	150	1	220350 652500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (E)	155	1	220500 652700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	155	1	220400 652550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11NW (W)	157	1	219700 652900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SW (SW)	159	1	219800 652650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	160	1	220450 652600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	164	1	220650 653950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (E)	174	1	220500 652650

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	(NE)	177	1	220700 653950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	189	1	220400 652500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SE)	190	1	220350 652450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	191	1	220200 654100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (SE)	192	1	220450 652550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	198	1	220600 654000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (E)	201	1	220500 652600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (E)	203	1	220550 652700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	214	1	220650 654000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SE)	215	1	220300 652400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A16NE (NE)	219	1	220850 653700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SE)	221	1	220400 652450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SW (SW)	225	1	219700 652650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NE (S)	228	1	220100 652400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SE)	233	1	220350 652400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SW (E)	235	1	220600 652800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A16NE (NE)	239	1	220800 653550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16NE (NE)	249	1	220850 653600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SE (S)	250	1	219973 652500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SW (E)	252	1	220600 652700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NE (SE)	258	1	220250 652350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SE)	259	1	220400 652400

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	(NE)	260	1	220650 654050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SE (NE)	264	1	220700 653150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SE)	264	1	220300 652350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (E)	265	1	220600 652650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SE (NE)	275	1	220800 653350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NE (S)	275	1	220100 652350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SE)	279	1	220350 652350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	281	1	220550 654100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (E)	289	1	220650 652850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	294	1	220600 654100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SE (NE)	298	1	220750 653300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (SE)	301	1	220550 652500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	301	1	220100 654300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	301	1	220450 654150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	308	1	220650 654100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SE)	308	1	220200 652300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SE)	308	1	220250 652300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10SE (SW)	311	1	219600 652650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SE (NE)	312	1	220750 653250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (E)	313	1	220650 652650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (E)	319	1	220700 652950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SE (NE)	326	1	220750 653150

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	(NE)	329	1	220550 654150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (E)	330	1	220650 652600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SE (NE)	346	1	220850 653400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SE (NE)	346	1	220800 653300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (E)	349	1	220700 652900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (E)	354	1	220650 652550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (S)	358	1	220200 652250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SE)	358	1	220250 652250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (E)	360	1	220800 653000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A16NE (NE)	361	1	220950 653550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (E)	385	1	220750 652809
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NW (SW)	395	1	219800 652400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (E)	395	1	220750 652950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	397	1	220450 654250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	405	1	220300 654300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	406	1	221000 653500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (S)	411	1	220100 652200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SE)	412	1	220300 652200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	417	1	221050 653600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SE)	423	1	220700 652500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SE (NE)	428	1	220950 653250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (S)	433	1	220050 652200

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	A12NE (E)	436	1	220850 653000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (E)	443	1	220800 652950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	445	1	220450 654300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (E)	446	1	220800 652900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (S)	451	1	220000 652200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	452	1	221050 653200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	456	1	221000 653450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (S)	458	1	220200 652150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SE)	461	1	220300 652150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (S)	461	1	220150 652150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (E)	466	1	220750 652500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	467	1	221100 653750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	468	1	221100 653700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	480	1	220700 652400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SE (E)	484	1	220900 653150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	492	1	220750 652450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (E)	498	1	220900 653050
1	**Discharge Consents** Operator: Bernard Thain Property Type: Not Given Location: Visitors Centre, Fencefoot Farm, FAIRLIE Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 10112 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 25th March 1992 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge Environment: Onto Land Receiving Water: Underground Strata **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A12NW (NE)	127	2	220500 653100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: Bernard Philip Thain Property Type: Not Given Location: Fencefoot Fish Farm, FAIRLIE, Ayrshire Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 8177 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 20th January 1989 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Fish Farm Discharge Environment: Freshwater Stream/River Receiving Water: Glen Burn **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A12NW (E)	153	2	220500 653000
3	**Discharge Consents** Operator: Costain Taylor Woodrow Property Type: Not Given Location: Marine Construction Yard, Hunterston, WEST KILBRIDE Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 8168 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 1st October 1989 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge Environment: Controlled Waters Receiving Water: Firth Of Clyde **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A10NW (W)	760	2	219100 652970
4	**Local Authority Pollution Prevention and Controls** Name: Clydeport Operations Ltd Location: Fairlie, LARGS, Ayrshire, KA29 0AZ Authority: Scottish Environment Protection Agency, West Region Permit Reference: Apc/W/0000172 Dated: 27th September 2001 Process Type: Local Authority Air Pollution Control Description: Part B - General Mineral Process (No Specific Reference) **Status: Authorised** Positional Accuracy: Manually positioned within the geographical locality	A16NW (NE)	0	2	220482 653818
5	**Local Authority Pollution Prevention and Controls** Name: Rmc (Uk) Ltd Location: Hunterton Terminal, Fairlie Authority: Scottish Environment Protection Agency, West Region Permit Reference: Apc/W/0000171 Dated: 29th March 1999 Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement **Status: Authorised** Positional Accuracy: Manually positioned within the geographical locality	A16NW (N)	19	2	220345 653818
	Nearest Surface Water Feature	A16NW (NE)	0	-	220404 653719
	River Quality Name: Not Supplied GQA Grade: River Quality A Reach: Not Supplied Estimated Distance (km): Not Supplied Flow Rate: Not Supplied Flow Type: Not Supplied Year: 1990	A7NW (SW)	530	3	219669 652299
	Groundwater Vulnerability Geological Classification: Inland water or sea Soil Classification: Not classified Map Sheet: Sheet 54 Map Of Scotland Scale: 1:625,000	A11NW (NW)	0	3	219912 652895

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Geological Classification: Major or Highly Permeable Aquifer - Highly permeable strata usually with a known or probable presence of significant fracturing Soil Classification: Soils of High Leaching Potential - Soils with little ability to attenuate diffuse source pollutants and in which non-absorbed diffuse source pollutants and liquid discharges will percolate rapidly Map Sheet: Map of Scotland Scale: 1:625,000	A11SE (SE)	0	3	219973 652809
	Groundwater Vulnerability Geological Classification: Non or Weakly Permeable Aquifer - These formations with negligible permeability that are generally regarded as containing insignificant quantities of groundwater Soil Classification: Not classified Map Sheet: Map of Scotland Scale: 1:625,000	A12SW (E)	0	3	220347 652721
	Drift Deposits None				
	River Flood Data (Scotland) None				
6	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 201.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A11SE (SE)	0	4	220277 652648
7	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 273.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A11SE (SE)	0	4	220248 652672
8	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A16NW (NE)	6	4	220554 653663
9	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A11SE (SE)	9	4	220229 652684
10	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A11SE (SE)	9	4	220231 652689
11	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A11SE (SE)	10	4	220227 652679

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NW (E)	20	4	220371 652820
13	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 82.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NW (E)	20	4	220371 652820
14	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 237.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NW (E)	22	4	220373 652828
15	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 397.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A11SE (SE)	22	4	220208 652613
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A11SE (SE)	22	4	220211 652621
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A16NW (NE)	23	4	220559 653656
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 129.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A16NW (NE)	26	4	220522 653542
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 251.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Glen Burn Catchment Name: North Ayrshire Coastal Primacy: 1	A12NW (E)	53	4	220464 652991
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 212.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Glen Burn Catchment Name: North Ayrshire Coastal Primacy: 1	A16SW (NE)	53	4	220450 653194

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 265.1 Watercourse Level: Underground Permanent: True Watercourse Name: Glen Burn Catchment Name: North Ayrshire Coastal Primacy: 1	A16NE (NE)	60	4	220653 653641
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 126.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A16SW (NE)	60	4	220515 653396
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 107.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Glen Burn Catchment Name: North Ayrshire Coastal Primacy: 1	A16SW (NE)	60	4	220515 653396
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 185.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A16NW (NE)	68	4	220553 653496
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 181.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Glen Burn Catchment Name: North Ayrshire Coastal Primacy: 1	A16NW (NE)	68	4	220553 653496
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1176.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Glen Burn Catchment Name: North Ayrshire Coastal Primacy: 1	A12NW (E)	90	4	220453 652822
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 140.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Glen Burn Catchment Name: North Ayrshire Coastal Primacy: 1	A12NW (E)	90	4	220453 652827
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 101.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A16NE (NE)	116	4	220653 653641
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A16NE (NE)	128	4	220737 653698

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	**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: North Ayrshire Coastal Primacy: 1	(NE)	147	4	220986 653550
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Glen Burn Catchment Name: North Ayrshire Coastal Primacy: 1	A12NW (E)	150	4	220495 652953
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 102.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NW (E)	150	4	220491 652975
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 75.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NW (E)	160	4	220495 652953
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A16SE (NE)	183	4	220627 653338
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 106.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NE (SE)	211	4	220171 652410
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 63.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NE (SE)	212	4	220171 652410
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 412.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A16SE (NE)	214	4	220663 653275
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NE (SE)	229	4	220274 652381

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NE (SE)	232	4	220279 652378
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 128.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NW (E)	234	4	220586 653012
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 45.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NW (E)	235	4	220567 652932
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A16SE (NE)	253	4	220730 653442
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 68.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A8NW (SE)	258	4	220290 652354
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 110.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NW (E)	259	4	220606 652895
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NW (E)	266	4	220607 652913
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NE (S)	276	4	220154 652348
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 96.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NE (S)	284	4	220151 652340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 328.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NE (E)	287	4	220658 653060
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 260.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NE (E)	287	4	220659 653074
50	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 267.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 2	A11SW (SW)	304	4	219764 652506
51	**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: North Ayrshire Coastal Primacy: 1	A8NW (SE)	305	4	220350 652321
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 91.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NE (E)	308	4	220671 652836
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NE (E)	308	4	220671 652836
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NE (E)	309	4	220646 652930
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A8NW (SE)	313	4	220358 652316
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 276.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NE (E)	314	4	220652 652927

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 11.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NE (E)	321	4	220666 652971
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A8NW (SE)	330	4	220372 652304
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 90.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 2	A7NW (SW)	346	4	219758 652463
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NE (E)	351	4	220715 652836
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 172.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NE (E)	358	4	220721 652834
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12SE (E)	361	4	220723 652761
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12SE (E)	362	4	220724 652758
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 118.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A8NW (SE)	363	4	220399 652279
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12SE (E)	366	4	220728 652754

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12SE (E)	367	4	220728 652753
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 34.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NE (S)	380	4	220124 652247
68	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 45.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn Gill Catchment Name: North Ayrshire Coastal Primacy: 1	A10SE (SW)	387	4	219561 652567
69	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 393.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn Gill Catchment Name: North Ayrshire Coastal Primacy: 1	A10SE (SW)	387	4	219562 652565
70	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 122.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn Gill Catchment Name: North Ayrshire Coastal Primacy: 1	A10SE (SW)	396	4	219531 652599
71	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 41.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 2	A10SE (SW)	396	4	219531 652599
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 94.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NE (S)	403	4	220092 652235
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12SE (E)	409	4	220762 652705
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 72.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12SE (E)	419	4	220770 652692

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 26.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 2	A7NW (SW)	426	4	219726 652390
76	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 97.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 2	A10SE (SW)	432	4	219486 652608
77	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 82.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 2	A10SE (SW)	434	4	219489 652597
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NW (SW)	451	4	219735 652360
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 55.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NW (SW)	452	4	219721 652364
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 337.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NE (S)	457	4	220006 652198
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 668.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A8NW (SE)	468	4	220365 652156
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 192.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NE (S)	472	4	219961 652205
83	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NE (E)	479	4	220876 653133

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 122.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A8NW (SE)	479	4	220421 652163
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 124.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12NE (E)	483	4	220880 653134
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12SE (E)	490	4	220837 652666
87	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 214.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 2	A10SE (W)	495	4	219419 652603
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 212.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A12SE (E)	496	4	220843 652664
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NW (SW)	507	4	219701 652313
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn Gill Catchment Name: North Ayrshire Coastal Primacy: 1	A7NW (SW)	541	4	219668 652290
91	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A8NW (SE)	542	4	220544 652156
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NW (S)	542	4	219817 652244

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 257.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A8NW (SE)	545	4	220548 652155
94	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7NW (SW)	548	4	219693 652273
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn Gill Catchment Name: North Ayrshire Coastal Primacy: 1	A7NW (SW)	548	4	219705 652267
96	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 29.3 Watercourse Level: Underground Permanent: True Watercourse Name: Burn Gill Catchment Name: North Ayrshire Coastal Primacy: 1	A7NW (SW)	549	4	219732 652255
97	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 113.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn Gill Catchment Name: North Ayrshire Coastal Primacy: 1	A7NW (S)	549	4	219815 652238
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 108.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn Gill Catchment Name: North Ayrshire Coastal Primacy: 1	A7NW (S)	549	4	219815 652238
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 115.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn Gill Catchment Name: North Ayrshire Coastal Primacy: 1	A7NW (S)	613	4	219831 652148
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 319.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7SE (S)	675	4	220124 651944
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7SE (S)	675	4	220124 651944

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 174.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A6NE (SW)	697	4	219539 652180
103	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1298.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn Gill Catchment Name: North Ayrshire Coastal Primacy: 1	A7SW (S)	699	4	219840 652033
104	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 366.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7SE (S)	699	4	220125 651920
105	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 216.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A7SW (S)	699	4	219840 652033
106	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 138.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A8SE (SE)	866	4	220717 651882
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 296.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A10SW (W)	906	4	218986 652630
108	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 50.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A9NE (W)	951	4	218907 652878
109	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	A9NE (W)	990	4	218867 652910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: North Ayrshire Council - Has supplied landfill data		0	5	219973 652809

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Stratheden Group	A11SE (SE)	0	1	219973 652809
110	**BGS Recorded Mineral Sites** Site Name: Hunterston Coal Terminal Location: Fairlie, Largs, Ayrshire Source: British Geological Survey, National Geoscience Information Service Reference: 30567 Type: Wharf **Status: Active** Operator: Clydeport Ltd. Operator Location: Not Supplied Periodic Type: Not Available Geology: Imported Coal Commodity: Coal - General Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	0	1	220275 653375
111	**BGS Recorded Mineral Sites** Site Name: Biglees Location: Hunterston, West Kilbride, Ayrshire Source: British Geological Survey, National Geoscience Information Service Reference: 29113 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Biglees Hill Sill Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	A8SE (SE)	644	1	220665 652120
112	**BGS Recorded Mineral Sites** Site Name: Biglees Location: Hunterston, West Kilbride, Ayrshire Source: British Geological Survey, National Geoscience Information Service Reference: 29112 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Biglees Hill Sill Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	A8SE (SE)	816	1	220660 651905
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	220191 652644
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A11SE (E)	0	1	220000 652809
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	219973 652809
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	219973 652809
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (E)	0	1	220000 652809
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	220202 652627
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	123	1	220047 652554
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	222	1	220000 652529
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	220202 652627

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15NE (N)	0	1	220000 653721
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	219847 652851
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15SE (N)	0	1	220000 653247
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	219973 652809
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11SE (E)	0	1	220000 652809
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15NE (N)	37	1	220000 653578
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (NW)	44	1	219780 652971
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	123	1	220047 652554
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	222	1	220000 652529
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	219973 652809
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (E)	0	1	220000 652809
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	219973 652809
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (E)	0	1	220000 652809
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	220242 652611
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	5	1	220271 652634
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	47	1	220664 653821
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	58	1	220689 653680
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	100	1	220393 652614
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	187	1	220544 652857
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	199	1	220736 653501
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	200	1	220319 652422

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	213	1	220363 652431
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NE (S)	225	1	220056 652448
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	228	1	220368 652416
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NE (E)	249	1	220726 652862
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	250	1	220613 652767
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	250	1	220604 652874
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	220202 652627
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15NE (N)	0	1	220000 653721
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	219973 652809
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (E)	0	1	220000 652809
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A15NE (N)	37	1	220000 653578
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11NW (NW)	44	1	219780 652971
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	105	1	220375 652597
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	114	1	220405 652617
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	123	1	220047 652554
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	198	1	220348 652434
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	222	1	220000 652529
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NE (E)	249	1	220726 652862
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	219973 652809
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (E)	0	1	220000 652809
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	220242 652611

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	A12SW (SE)	105	1	220375 652597
	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	A11SE (SE)	0	1	219973 652809
	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	A11SE (E)	0	1	220001 652809
	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	A11SE (SE)	0	1	219973 652809
	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	A11SE (E)	0	1	220001 652809

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	**Contemporary Trade Directory Entries** Name: Fairlie Furniture Works Location: Southannan Estate, Fairlie, Largs, KA29 0EQ Classification: Furniture Manufacturers - Home & Office **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (E)	353	-	220718 652798

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	**Ancient Woodland** Name: Not Supplied Reference: 25346 Area(m²): 29064.83 Type: Ancient Woodland with a short-break in continuity	A16NE (NE)	120	6	220751 653803
115	**Ancient Woodland** Name: Not Supplied Reference: 25354 Area(m²): 46869.26 Type: Long-Established Woodland of Plantation Origin	A7NE (SE)	192	6	220263 652417
116	**Ancient Woodland** Name: Not Supplied Reference: 25352 Area(m²): 19581.06 Type: Ancient and Semi-Natural Woodland	A12SW (E)	212	6	220559 652699
117	**Ancient Woodland** Name: Not Supplied Reference: 25349 Area(m²): 133425.69 Type: Ancient and Semi-Natural Woodland	A12NW (E)	224	6	220561 652927
118	**Ancient Woodland** Name: Not Supplied Reference: 25345 Area(m²): 41536.75 Type: Ancient Woodland of Plantation Origin	A16NE (NE)	283	6	220914 653745
119	**Ancient Woodland** Name: Not Supplied Reference: 25353 Area(m²): 29175.53 Type: Long-Established Semi-Natural Woodland	A12SE (E)	338	6	220656 652595
120	**Ancient Woodland** Name: Not Supplied Reference: 24803 Area(m²): 79535.96 Type: Long-Established Woodland of Plantation Origin	A6SE (SW)	889	6	219571 651954
121	**Marine Nature Reserves** Name: Cumbraes Multiple Area: N Area (m2): 26982170.83 Source: NatureScot	(NW)	786	6	218121 654368
122	**Sites of Special Scientific Interest** Name: Southannan Sands Multiple Areas: Y Total Area (m2): 2554680.4400000004 Source: NatureScot Reference: 10261 Designation Details: Biological Designation Date: 20th March 2013 Date Type: Designated	A11NW (NW)	10	6	219790 652963

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Argyll And Bute Council	December 2019	Annual Rolling Update
Scottish Environment Protection Agency - Head Office	June 2020	Annually
North Ayrshire Council	October 2017	Annual Rolling Update
Discharge Consents		
Scottish Environment Protection Agency - West Region	April 2002	Annually
Enforcement and Prohibition Notices		
Scottish Environment Protection Agency - West Region	March 2013	
Integrated Pollution Controls		
Scottish Environment Protection Agency - Head Office	February 1998	
Scottish Environment Protection Agency - West Region	March 2002	
Local Authority Pollution Prevention and Controls		
Scottish Environment Protection Agency - West Region	March 2002	Not Applicable
Local Authority Pollution Prevention and Control Enforcements		
Scottish Environment Protection Agency - West Region	January 1998	Variable
Nearest Surface Water Feature		
Ordnance Survey	August 2021	
Prosecutions Relating to Authorised Processes		
Scottish Environment Protection Agency - West Region	March 2013	
Prosecutions Relating to Controlled Waters		
Scottish Environment Protection Agency - West Region	March 2013	
Registered Radioactive Substances		
Scottish Environment Protection Agency - West Region	April 1996	Annually
Scottish Environment Protection Agency - Head Office	January 1998	Annually
River Quality		
Scottish Environment Protection Agency - Head Office	December 1990	Not Applicable
Scottish Environment Protection Agency - West Region	December 1990	Not Applicable
Water Abstractions		
Scottish Government - Agriculture, Environment and Fisheries Department	February 2004	Annually
Water Industry Act Referrals		
Scottish Environment Protection Agency - West Region	April 1996	As Designated
Groundwater Vulnerability		
Scottish Environment Protection Agency - West Region	December 1995	Not Applicable
Scottish Environment Protection Agency - Head Office	December 1995	
Drift Deposits		
Scottish Environment Protection Agency - Head Office	December 1995	Not Applicable
Scottish Environment Protection Agency - West Region	December 1995	Not Applicable
OS Water Network Lines		
Ordnance Survey	July 2021	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	November 2002	Not Applicable
Integrated Pollution Control Registered Waste Sites		
Scottish Environment Protection Agency - Head Office	March 2002	Not Applicable
Scottish Environment Protection Agency - West Region	March 2002	Not Applicable
Local Authority Landfill Coverage		
Argyll And Bute Council	February 2003	Not Applicable
North Ayrshire Council	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Argyll And Bute Council	October 2018	
North Ayrshire Council	October 2018	
Registered Landfill Sites		
Scottish Environment Protection Agency - Head Office	March 2006	Not Applicable
Scottish Environment Protection Agency - West Region	March 2006	Not Applicable
Registered Waste Transfer Sites		
Scottish Environment Protection Agency - Head Office	April 2018	
Scottish Environment Protection Agency - West Region	April 2018	
Registered Waste Treatment or Disposal Sites		
Scottish Environment Protection Agency - Head Office	June 2015	
Scottish Environment Protection Agency - West Region	June 2015	
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	August 2001	
Planning Hazardous Substance Enforcements		
North Ayrshire Council - Planning Department	February 2016	Variable
Argyll And Bute Council - Planning Department	October 2015	Variable
Planning Hazardous Substance Consents		
North Ayrshire Council - Planning Department	February 2016	Variable
Argyll And Bute Council - Planning Department	October 2015	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	November 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	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	October 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	October 2021	Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
NatureScot	September 2017	Bi-Annually
Areas of Adopted Green Belt		
Argyll And Bute Council	August 2009	As notified
North Ayrshire Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
Argyll And Bute Council	October 2020	Quarterly
North Ayrshire Council	October 2020	Quarterly
Environmentally Sensitive Areas		
Scottish Government	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Argyll And Bute Council	February 2018	Bi-Annually
North Ayrshire Council	February 2018	Bi-Annually
Marine Nature Reserves		
NatureScot	July 2019	Bi-Annually
National Nature Reserves		
NatureScot	June 2019	Bi-Annually
National Parks		
Scottish Government	February 2018	Bi-Annually
National Scenic Areas		
Scottish Government	February 2018	Bi-Annually
Nitrate Vulnerable Zones		
Scottish Government	July 2019	Annually
Ramsar Sites		
NatureScot	April 2019	Bi-Annually
Sites of Special Scientific Interest		
NatureScot	March 2019	Bi-Annually
Special Areas of Conservation		
NatureScot	August 2020	Bi-Annually
Special Protection Areas		
NatureScot	February 2021	Bi-Annually

Data Suppliers

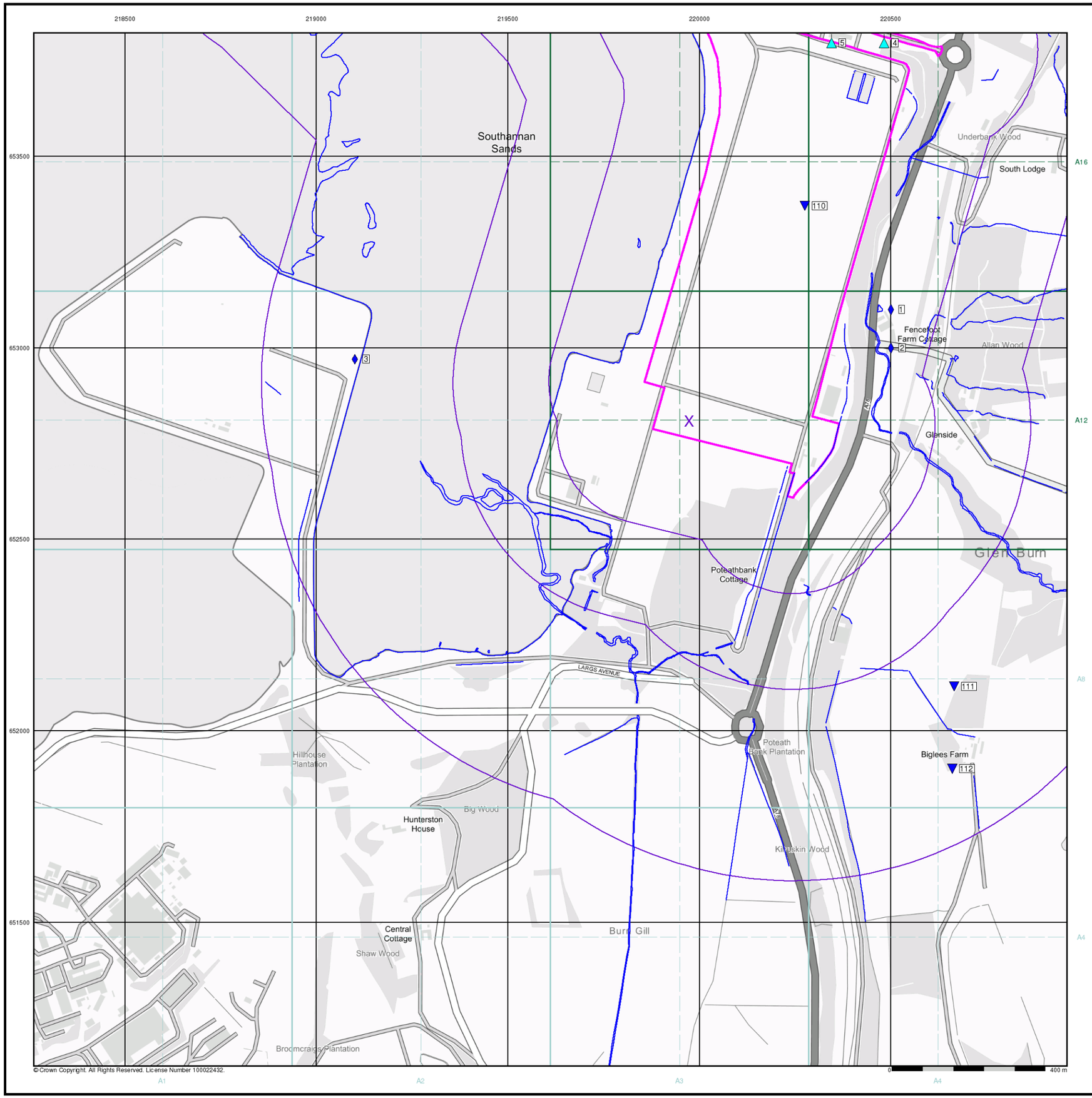
A selection of organisations who provide data within this report

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

Useful Contacts

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	**Scottish Environment Protection Agency - West Region** 5 Redwood Crescent, Peel Park, East Kilbride, South Lanarkshire, G74 5PP	Telephone: 01355 574200 Fax: 01355 574688
3	**Scottish Environment Protection Agency - Head Office** Erskine Court, The Castle Business Park, Stirling, Stirlingshire, FK9 4TR	Telephone: 01786 457700 Fax: 01786 446885
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	**North Ayrshire Council** Cunninghame House, Friars Croft, Irvine, Ayrshire, KA12 8EE	Telephone: 01294 324100 Fax: 01294 324344 Website: www.north-ayrshire.gov.uk
6	**NatureScot** Great Glen House, Leachkin Road, Inverness, IV3 8NW	Telephone: 01463 725000 Email: enquiries@nature.scot Website: www.nature.scot
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- 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
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- Integrated Pollution Control Registered Waste Site
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

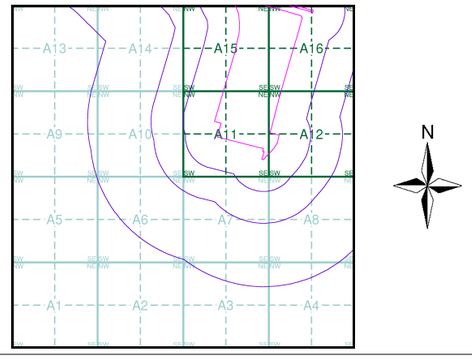
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Site Sensitivity Map - Slice A



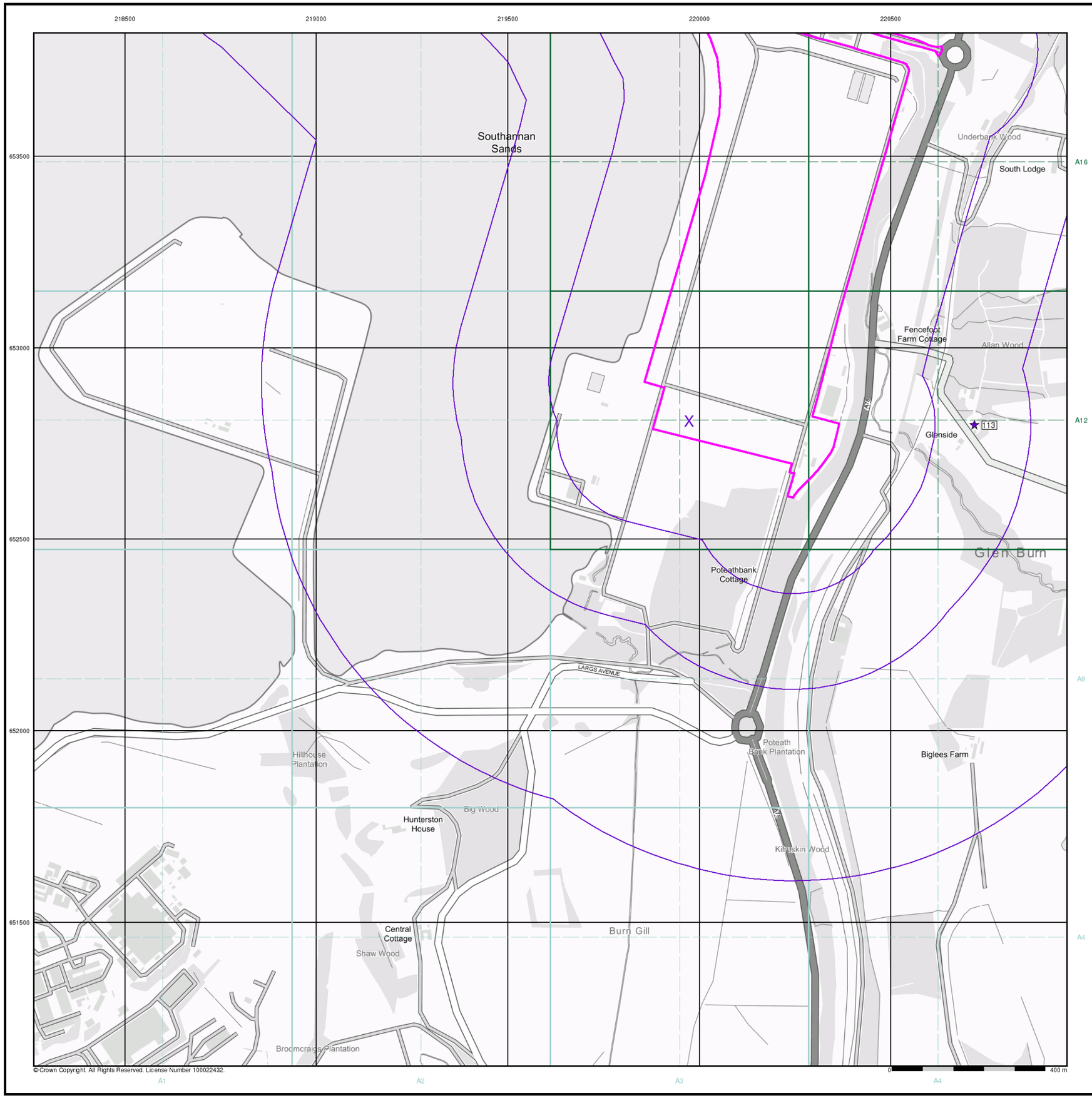
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



Industrial Land Use Map

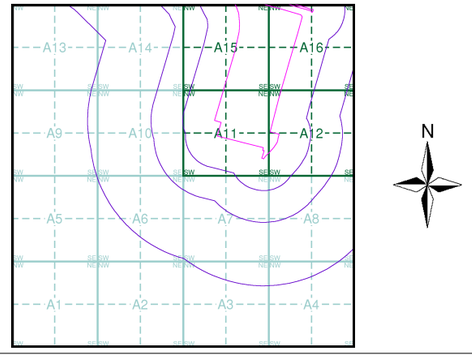
General

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



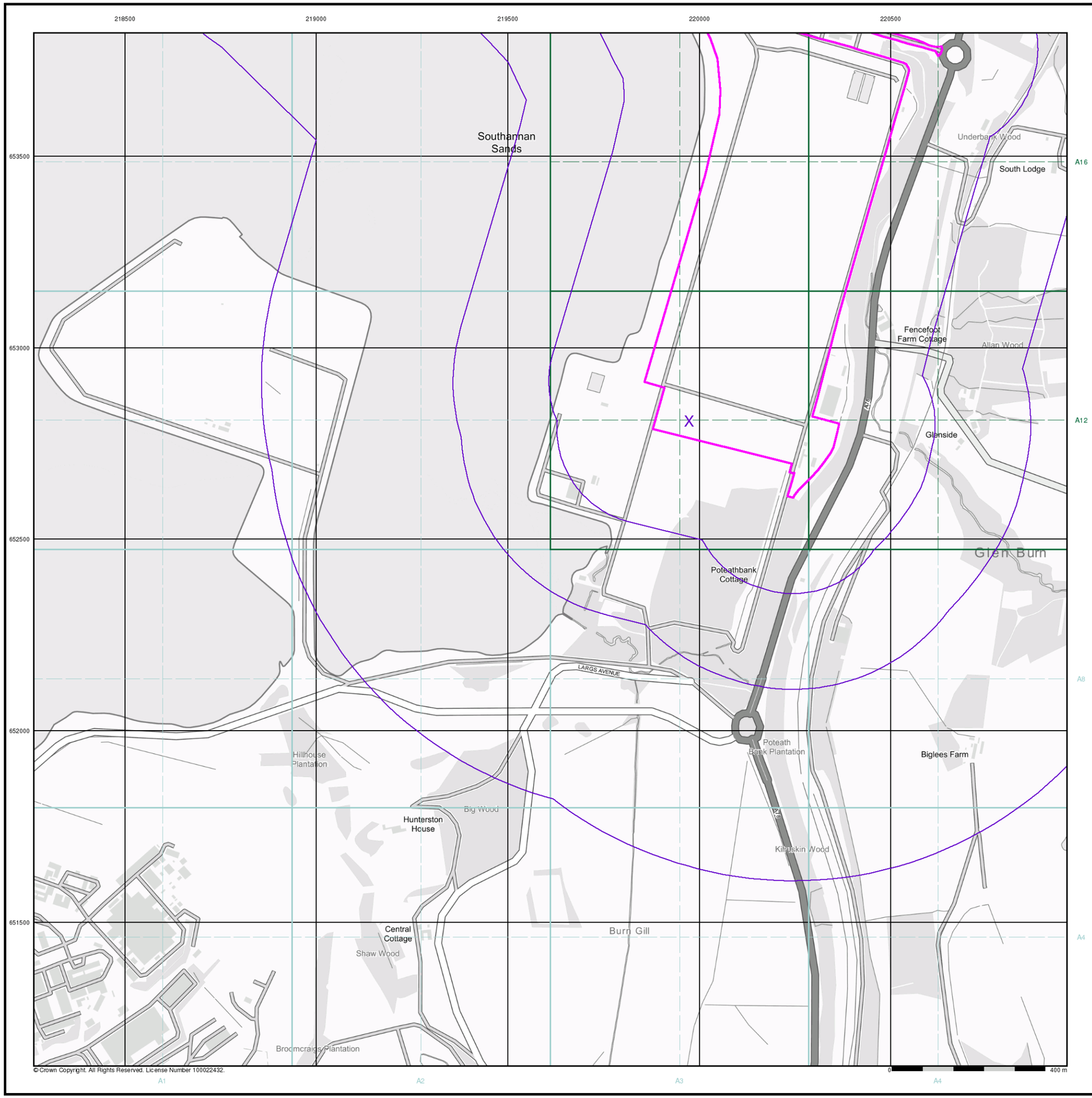
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



General

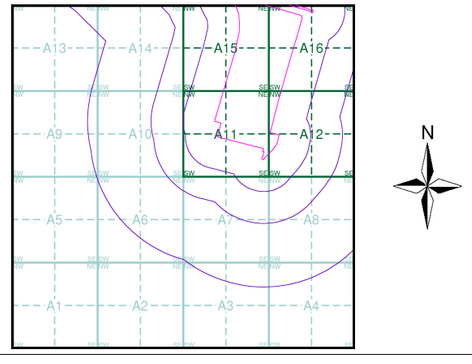
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Agency and Hydrological (Flood)

- 0 - 1m estimated 100yr flood depth
- 1 - 2m estimated 100yr flood depth
- Over 2m estimated 100yr flood depth

The flooded areas have been generated using a generalised technique and should not, by themselves, be used to infer that specific areas are or are not at risk of inundation. Flood risk at any specific location may be influenced by local factors - not least flood defence - that have not been taken into account.

Flood Map - Slice A



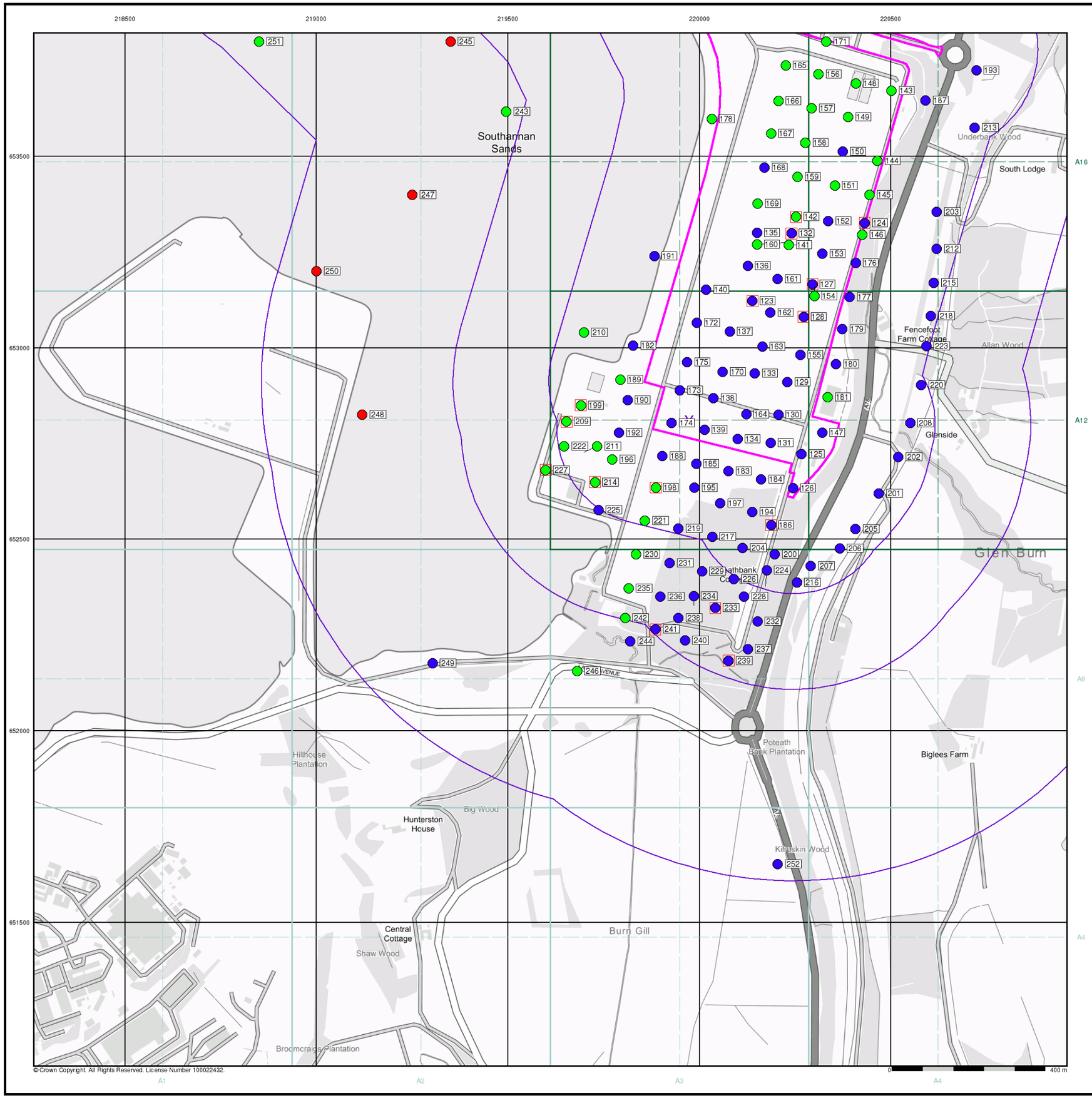
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



General

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

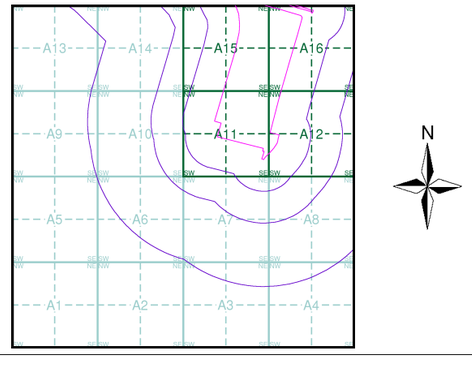
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



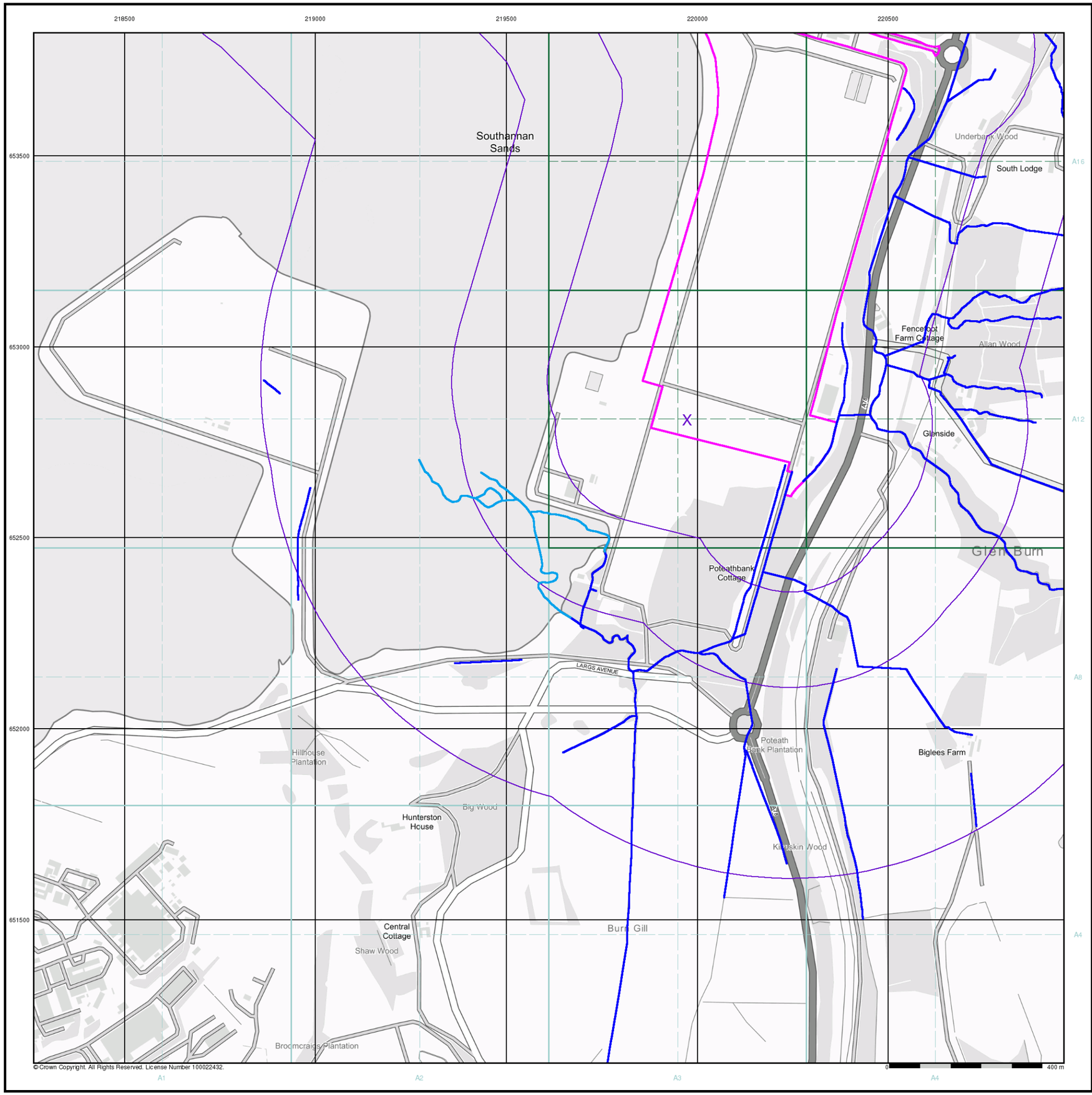
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



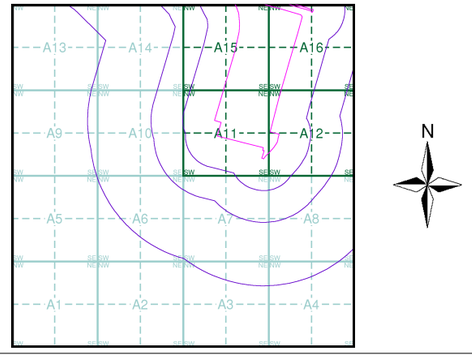
General

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

OS Water Network Data

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

OS Water Network Map - Slice A



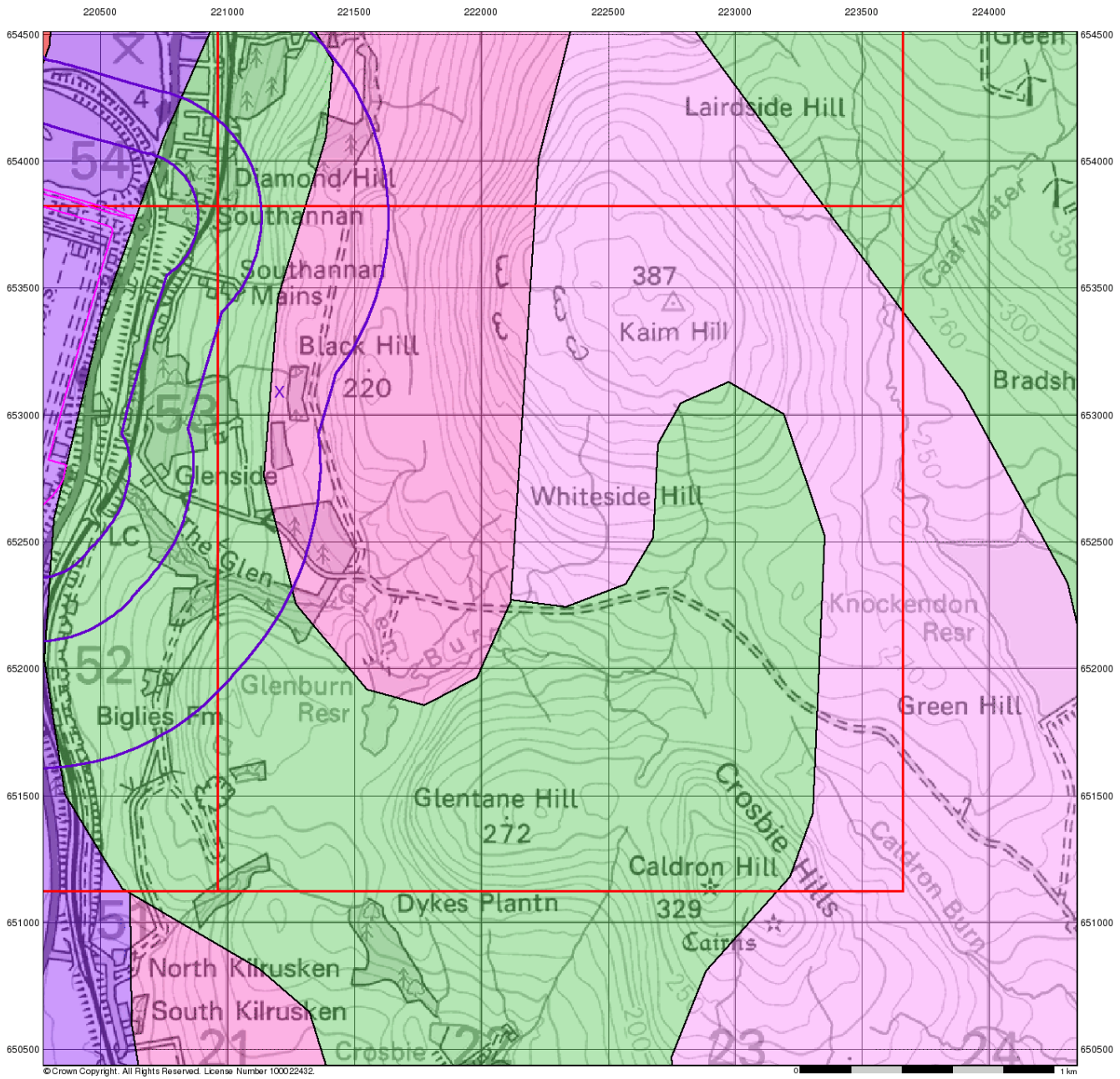
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



Groundwater Vulnerability

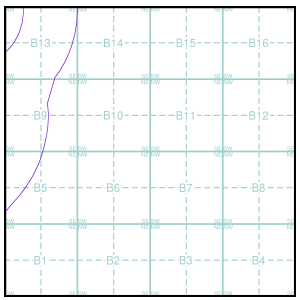
General

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

Agency and Hydrological

Geological Classes	Soil Classes
Highly Permeable	High
	Intermediate
	Low
Moderately Permeable	
Weakly Permeable	
Water or Sea	
Drift Deposit	

Site Sensitivity Context Map - Slice B



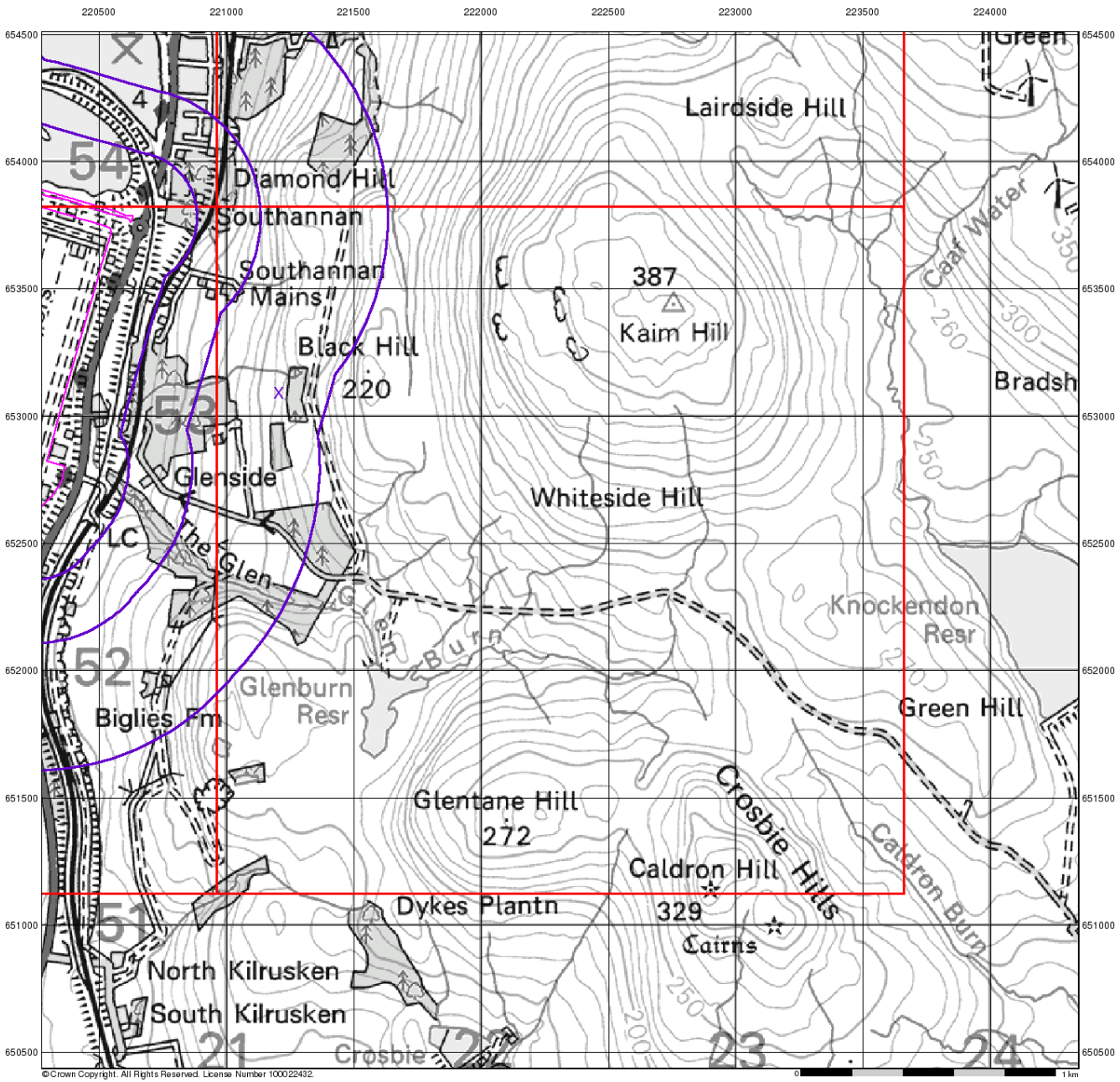
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221210, 653090
Slice:	B
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



Source Protection Zones

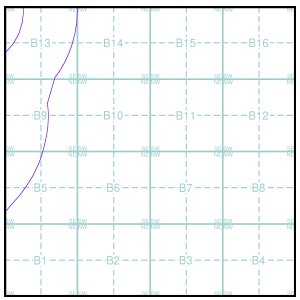
General

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 B



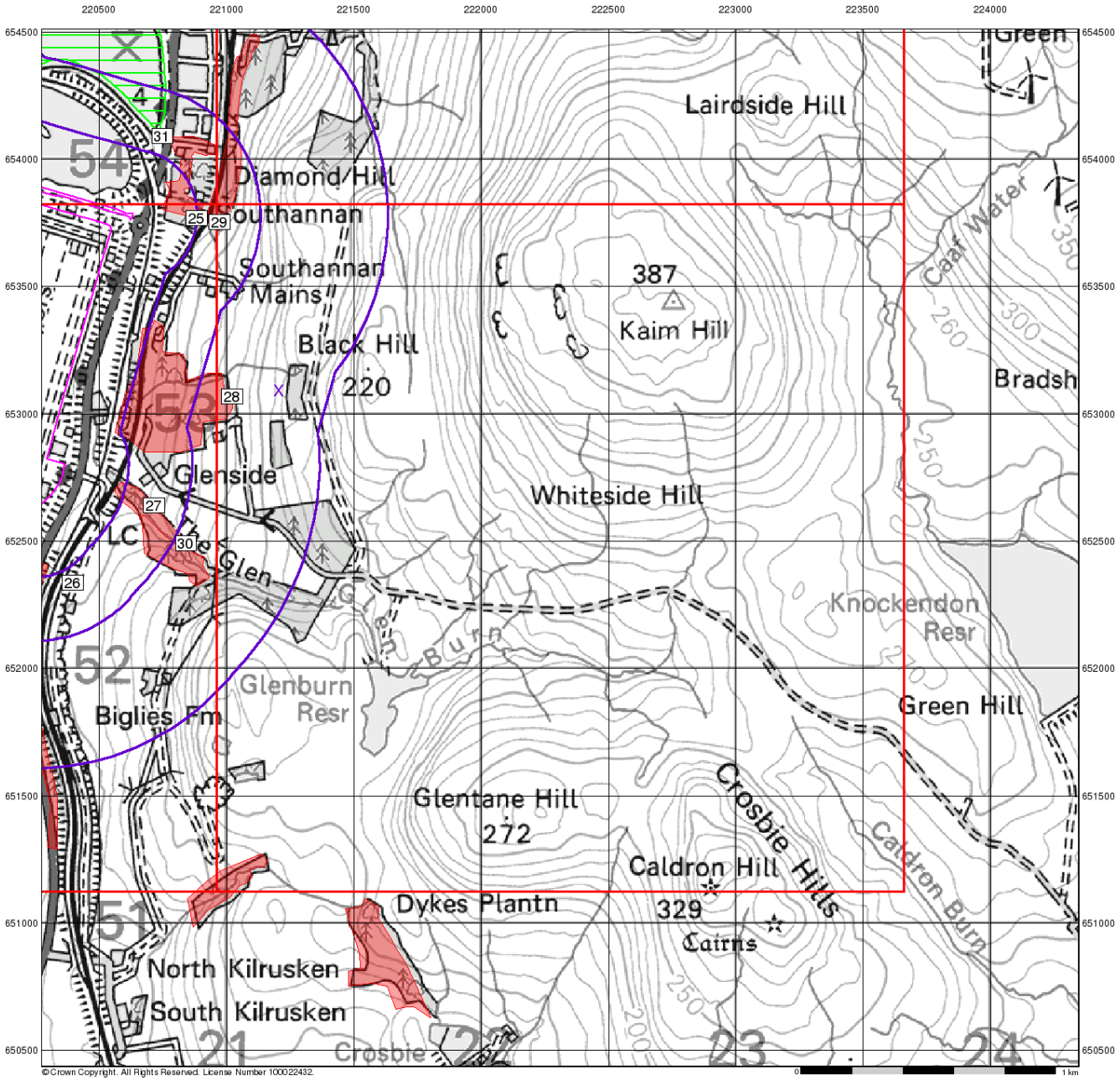
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221210, 653090
Slice:	B
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



Sensitive Land Uses

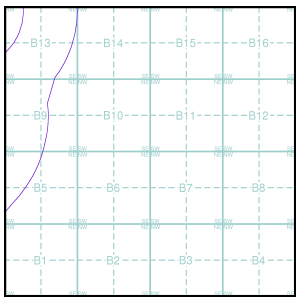
General

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
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- National Scenic Area
- 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



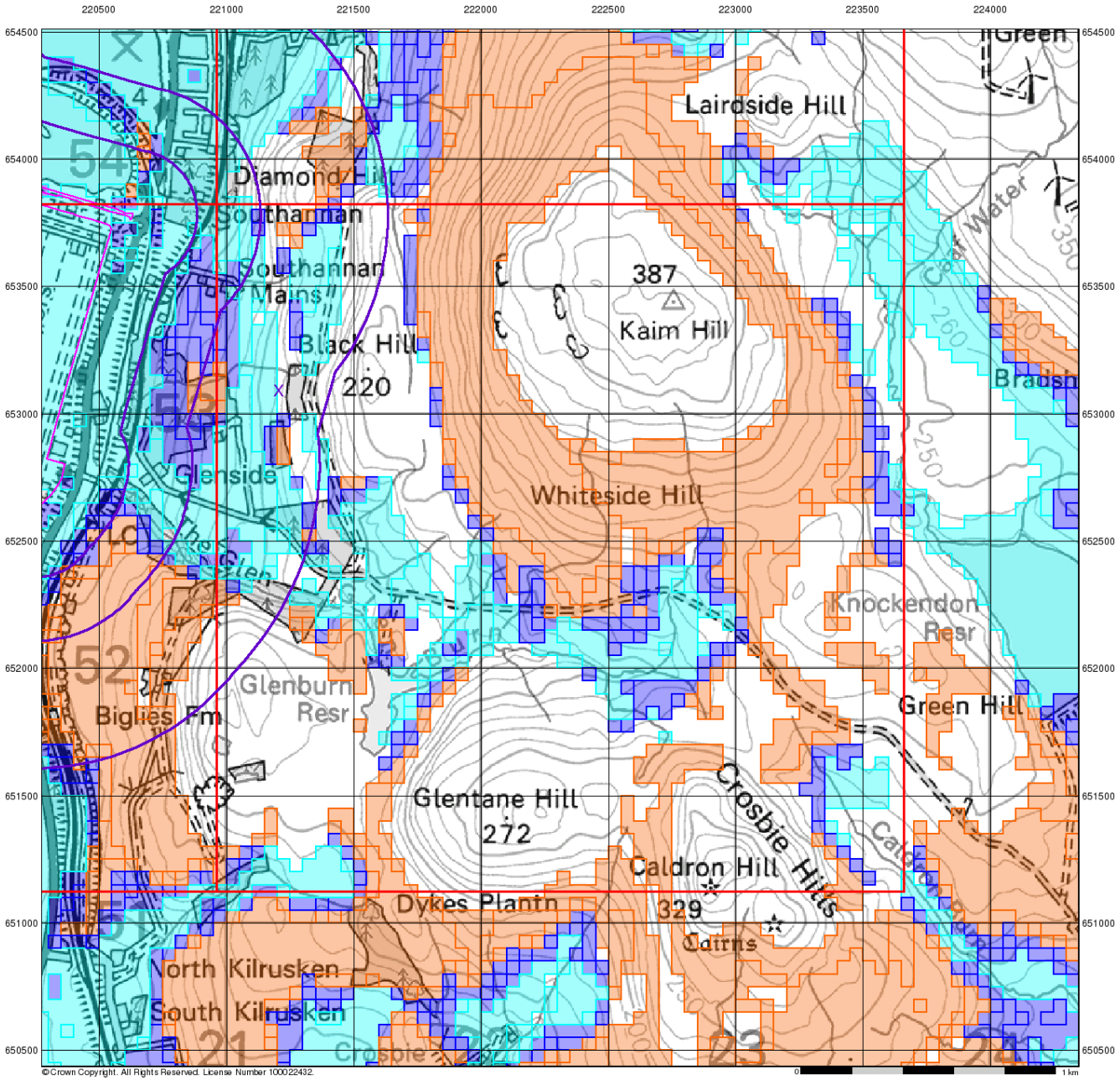
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221210, 653090
Slice:	B
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



BGS Flood GFS Data

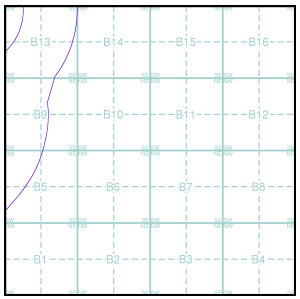
General

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:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221210, 653090
Slice:	B
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
287571652_1_1

Customer Reference:
JER9266

National Grid Reference:
221210, 653090

Slice:
B

Site Area (Ha):
54.89

Search Buffer (m):
1000

Site Details:

Site at 219948,653824

Client Details:

Mr G Chapman
RPS Consulting Services Ltd
260 Park Avenue
Aztec West
Almondsbury
Bristol
BS32 4SY

Contents

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.

Report Version v53.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents					
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 5			Yes	
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability	pg 5	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Source Protection Zones					
River Flood Data (Scotland)				n/a	n/a
OS Water Network Lines	pg 5		3	2	16
Waste					
BGS Recorded Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 9	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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 10	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 10				3
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 10	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 10	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 10		Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 10	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 10	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					
Gas Pipelines					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 12		4	2	
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
National Scenic Areas					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 12		1		
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 to Occur at Surface	B9NW (W)	0	1	221100 653090
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	220400 652750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	220600 653800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	220350 652650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	220300 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	220650 653900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	220600 653750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	3	1	220600 653650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	10	1	220650 653800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	36	1	220600 653550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	56	1	220450 653000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	56	1	220650 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	66	1	220700 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	67	1	220750 653750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	69	1	220750 653800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	71	1	220650 653600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	72	1	220750 653700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	91	1	220450 652650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	97	1	220750 653650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	115	1	220700 653900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	132	1	220500 652650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	143	1	220600 652750

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	(SW)	150	1	220400 652500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	155	1	220550 652700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	155	1	220450 652550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	160	1	220500 652600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	164	1	220700 653950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	174	1	220600 652650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	177	1	220750 653950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	189	1	220450 652500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	190	1	220400 652450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	192	1	220650 652600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	198	1	220650 654000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	201	1	220550 652600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	203	1	220600 652700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	214	1	220700 654000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	215	1	220350 652400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	219	1	220900 653700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	221	1	220500 652500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	233	1	220400 652400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	235	1	220650 652800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	239	1	220850 653550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	249	1	220900 653600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	252	1	220650 652700

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	(SW)	258	1	220300 652350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	259	1	220500 652400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	260	1	220700 654050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	264	1	220750 653150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	264	1	220350 652350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	265	1	220650 652650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NW (W)	275	1	221050 653100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	279	1	220750 652450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	281	1	220600 654100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	289	1	220700 652950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	294	1	220650 654100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	298	1	220800 653300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	301	1	220600 652500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	301	1	220550 654150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	308	1	220700 654100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	308	1	220300 652300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	312	1	220800 653250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	313	1	220750 652700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	319	1	220800 653090
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	326	1	220800 653150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	329	1	220600 654150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	330	1	220700 652600

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	(NW)	346	1	220900 653400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	346	1	220950 653200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	349	1	220750 652950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	354	1	220700 652550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	358	1	220300 652250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	360	1	220900 653200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13NW (NW)	361	1	221000 653550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	385	1	220950 652950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	395	1	220800 653000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	397	1	220550 654250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	405	1	220450 654300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13NW (N)	406	1	221050 653500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	412	1	220350 652200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13NW (N)	417	1	221100 653600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	423	1	220750 652500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13SW (NW)	428	1	221000 653250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9NW (W)	436	1	221000 653050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	443	1	220900 653000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	445	1	220500 654300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	446	1	220900 652950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13SW (NW)	452	1	221100 653200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13SW (NW)	456	1	221050 653450

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	(SW)	458	1	220300 652150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	461	1	220350 652150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	466	1	220850 652500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13NW (N)	467	1	221150 653750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13NW (N)	468	1	221150 653700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	480	1	220800 652400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	484	1	220950 653150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	492	1	220800 652450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9NW (W)	498	1	221000 653090
	Nearest Surface Water Feature	B13NW (NW)	358	-	220986 653550
	Groundwater Vulnerability Geological Classification: Inland water or sea Soil Classification: Not classified Map Sheet: Sheet 54 Map Of Scotland Scale: 1:625,000	(W)	0	2	220130 653050
	Groundwater Vulnerability Geological Classification: Major or Highly Permeable Aquifer - Highly permeable strata usually with a known or probable presence of significant fracturing Soil Classification: Soils of High Leaching Potential - Soils with little ability to attenuate diffuse source pollutants and in which non-absorbed diffuse source pollutants and liquid discharges will percolate rapidly Map Sheet: Map of Scotland Scale: 1:625,000	(W)	0	2	220475 653263
	Groundwater Vulnerability Geological Classification: Non or Weakly Permeable Aquifer - These formations with negligible permeability that are generally regarded as containing insignificant quantities of groundwater Soil Classification: Not classified Map Sheet: Map of Scotland Scale: 1:625,000	B9NW (W)	0	2	221170 653093
	Drift Deposits None				
	River Flood Data (Scotland) None				
1	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1176.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Glen Burn Catchment Name: North Ayrshire Coastal Primacy: 1	(SW)	90	3	220656 652663

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**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: North Ayrshire Coastal Primacy: 1	B13NW (N)	147	3	221080 653524
3	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 412.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13SW (NW)	214	3	220983 653288
4	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 124.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13SW (W)	483	3	220998 653165
5	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 212.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B9SW (S)	496	3	221031 652596
6	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13NW (N)	511	3	221085 653523
7	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13NW (N)	516	3	221096 653520
8	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 67.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13SW (N)	527	3	221143 653473
9	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 69.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13NW (N)	527	3	221162 653520
10	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13NW (N)	587	3	221165 653520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13SW (W)	588	3	221000 653168
12	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13SW (NW)	589	3	221037 653194
13	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 82.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13NW (N)	590	3	221171 653520
14	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13SW (N)	591	3	221145 653471
15	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 117.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13SW (N)	594	3	221182 653463
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13SW (NW)	617	3	221040 653193
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 210.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13SW (NE)	621	3	221244 653162
18	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 15.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13NW (N)	647	3	221238 653548
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 81.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13NW (N)	659	3	221253 653553

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 59.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B9NW (NE)	825	3	221264 653126
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 92.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	B13SW (NE)	825	3	221245 653161

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: North Ayrshire Council - Has supplied landfill data		0	4	221206 653090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Stratheden Group	B9NW (E)	0	1	221206 653090
22	**BGS Recorded Mineral Sites** Site Name: Southannan Mains Location: Fairlie, Largs, Ayrshire Source: British Geological Survey, National Geoscience Information Service Reference: 29132 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Devonian Geology: Kelly Burn Sandstone Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	B13SW (NW)	535	1	221032 653415
23	**BGS Recorded Mineral Sites** Site Name: Glen Burn Location: Hunterston, West Kilbride, Ayrshire Source: British Geological Survey, National Geoscience Information Service Reference: 29125 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Biglees Hill Sill Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	B5NW (S)	914	1	221120 652245
24	**BGS Recorded Mineral Sites** Site Name: Knockennon Road Location: Hunterston, West Kilbride, Ayrshire Source: British Geological Survey, National Geoscience Information Service Reference: 29126 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Biglees Hill Sill Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	B5NW (S)	971	1	221260 652400
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	B9NW (W)	0	1	221203 653091
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9NW (E)	0	1	221206 653090
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NW (E)	0	1	221206 653090
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NW (E)	0	1	221206 653090
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B9NW (W)	100	1	221060 653111
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9NW (E)	249	1	221206 653090
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9NW (SW)	0	1	221147 652999
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9NW (SW)	0	1	221147 652999

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	B9NW (E)	0	1	221206 653090
	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	B9NW (E)	0	1	221206 653090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	**Ancient Woodland** Name: Not Supplied Reference: 25346 Area(m²): 29064.83 Type: Ancient Woodland with a short-break in continuity	(NW)	120	5	220883 653768
26	**Ancient Woodland** Name: Not Supplied Reference: 25354 Area(m²): 46869.26 Type: Long-Established Woodland of Plantation Origin	(SW)	192	5	220297 652407
27	**Ancient Woodland** Name: Not Supplied Reference: 25352 Area(m²): 19581.06 Type: Ancient and Semi-Natural Woodland	(SW)	212	5	220717 652641
28	**Ancient Woodland** Name: Not Supplied Reference: 25349 Area(m²): 133425.69 Type: Ancient and Semi-Natural Woodland	B9NW (W)	224	5	221023 653068
29	**Ancient Woodland** Name: Not Supplied Reference: 25345 Area(m²): 41536.75 Type: Ancient Woodland of Plantation Origin	B13NW (N)	283	5	220963 653752
30	**Ancient Woodland** Name: Not Supplied Reference: 25353 Area(m²): 29175.53 Type: Long-Established Semi-Natural Woodland	(SW)	338	5	220841 652490
31	**Sites of Special Scientific Interest** Name: Southannan Sands Multiple Areas: Y Total Area (m2): 2554680.4400000004 Source: NatureScot Reference: 10261 Designation Details: Biological Designation Date: 20th March 2013 Date Type: Designated	(NW)	34	5	220748 654089

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Scottish Environment Protection Agency - Head Office	June 2020	Annually
North Ayrshire Council	October 2017	Annual Rolling Update
Discharge Consents		
Scottish Environment Protection Agency - West Region	April 2002	Annually
Enforcement and Prohibition Notices		
Scottish Environment Protection Agency - West Region	March 2013	
Integrated Pollution Controls		
Scottish Environment Protection Agency - Head Office	February 1998	
Scottish Environment Protection Agency - West Region	March 2002	
Local Authority Pollution Prevention and Controls		
Scottish Environment Protection Agency - West Region	March 2002	Not Applicable
Local Authority Pollution Prevention and Control Enforcements		
Scottish Environment Protection Agency - West Region	January 1998	Variable
Nearest Surface Water Feature		
Ordnance Survey	August 2021	
Prosecutions Relating to Authorised Processes		
Scottish Environment Protection Agency - West Region	March 2013	
Prosecutions Relating to Controlled Waters		
Scottish Environment Protection Agency - West Region	March 2013	
Registered Radioactive Substances		
Scottish Environment Protection Agency - West Region	April 1996	Annually
Scottish Environment Protection Agency - Head Office	January 1998	Annually
River Quality		
Scottish Environment Protection Agency - Head Office	December 1990	Not Applicable
Scottish Environment Protection Agency - West Region	December 1990	Not Applicable
Water Abstractions		
Scottish Government - Agriculture, Environment and Fisheries Department	February 2004	Annually
Water Industry Act Referrals		
Scottish Environment Protection Agency - West Region	April 1996	As Designated
Groundwater Vulnerability		
Scottish Environment Protection Agency - West Region	December 1995	Not Applicable
Scottish Environment Protection Agency - Head Office	December 1995	
Drift Deposits		
Scottish Environment Protection Agency - Head Office	December 1995	Not Applicable
Scottish Environment Protection Agency - West Region	December 1995	Not Applicable
OS Water Network Lines		
Ordnance Survey	July 2021	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	November 2002	Not Applicable
Integrated Pollution Control Registered Waste Sites		
Scottish Environment Protection Agency - Head Office	March 2002	Not Applicable
Scottish Environment Protection Agency - West Region	March 2002	Not Applicable
Local Authority Landfill Coverage		
North Ayrshire Council	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
North Ayrshire Council	October 2018	
Registered Landfill Sites		
Scottish Environment Protection Agency - Head Office	March 2006	Not Applicable
Scottish Environment Protection Agency - West Region	March 2006	Not Applicable
Registered Waste Transfer Sites		
Scottish Environment Protection Agency - Head Office	April 2018	
Scottish Environment Protection Agency - West Region	April 2018	
Registered Waste Treatment or Disposal Sites		
Scottish Environment Protection Agency - Head Office	June 2015	
Scottish Environment Protection Agency - West Region	June 2015	
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	August 2001	
Planning Hazardous Substance Enforcements		
North Ayrshire Council - Planning Department	February 2016	Variable
Planning Hazardous Substance Consents		
North Ayrshire Council - Planning Department	February 2016	Variable

Data Currency

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	November 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	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	October 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	October 2021	Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland NatureScot	September 2017	Bi-Annually
Areas of Adopted Green Belt North Ayrshire Council	October 2020	Quarterly
Areas of Unadopted Green Belt North Ayrshire Council	October 2020	Quarterly
Environmentally Sensitive Areas Scottish Government	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves North Ayrshire Council	February 2018	Bi-Annually
Marine Nature Reserves NatureScot	July 2019	Bi-Annually
National Nature Reserves NatureScot	June 2019	Bi-Annually
National Parks Scottish Government	February 2018	Bi-Annually
National Scenic Areas Scottish Government	February 2018	Bi-Annually
Nitrate Vulnerable Zones Scottish Government	July 2019	Annually
Ramsar Sites NatureScot	April 2019	Bi-Annually
Sites of Special Scientific Interest NatureScot	March 2019	Bi-Annually
Special Areas of Conservation NatureScot	August 2020	Bi-Annually
Special Protection Areas NatureScot	February 2021	Bi-Annually

Data Suppliers

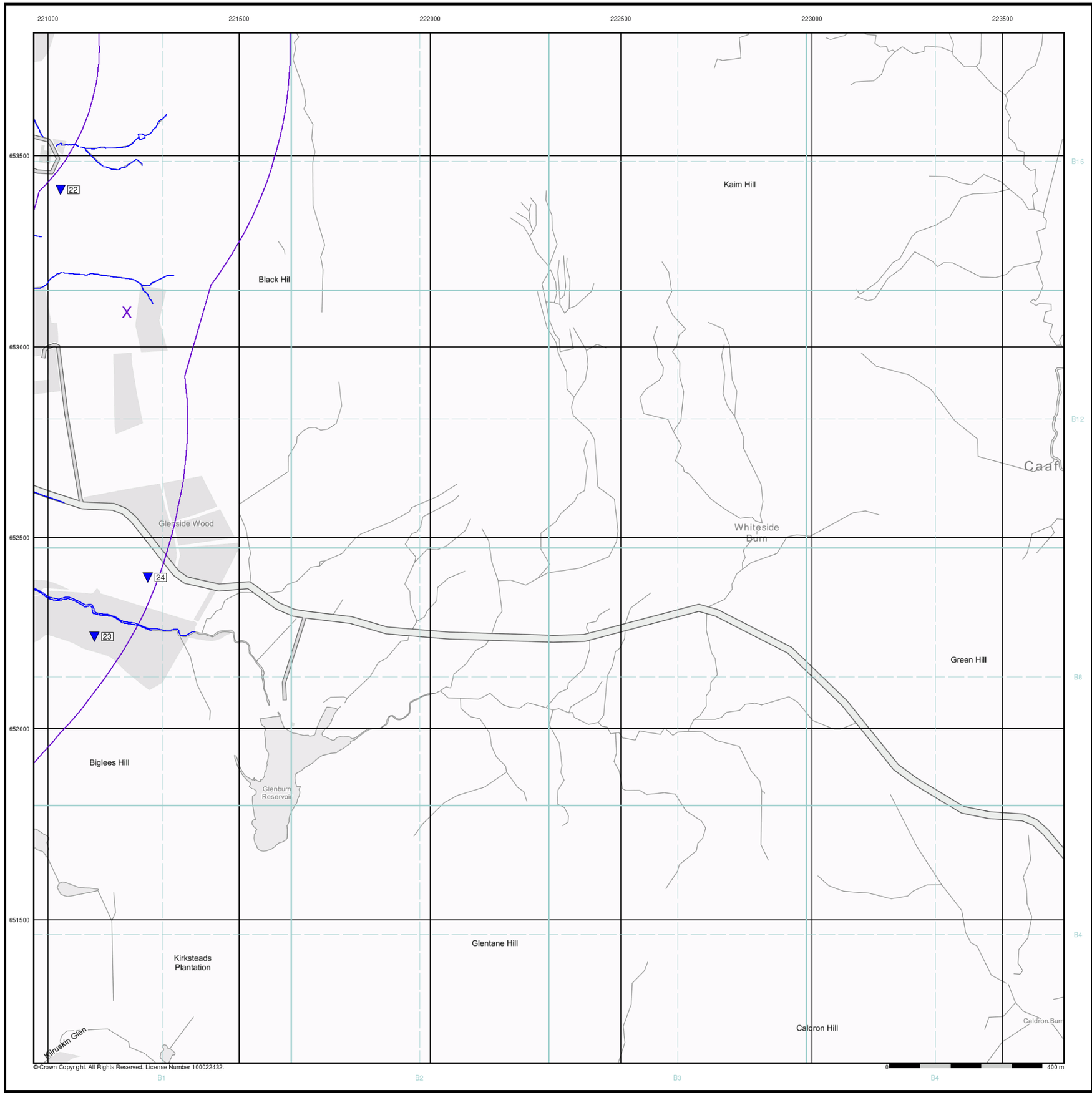
A selection of organisations who provide data within this report

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

Useful Contacts

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	**Scottish Environment Protection Agency - Head Office** Erskine Court, The Castle Business Park, Stirling, Stirlingshire, FK9 4TR	Telephone: 01786 457700 Fax: 01786 446885
3	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
4	**North Ayrshire Council** Cunninghame House, Friars Croft, Irvine, Ayrshire, KA12 8EE	Telephone: 01294 324100 Fax: 01294 324344 Website: www.north-ayrshire.gov.uk
5	**NatureScot** Great Glen House, Leachkin Road, Inverness, IV3 8NW	Telephone: 01463 725000 Email: enquiries@nature.scot Website: www.nature.scot
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- 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
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- Integrated Pollution Control Registered Waste Site
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

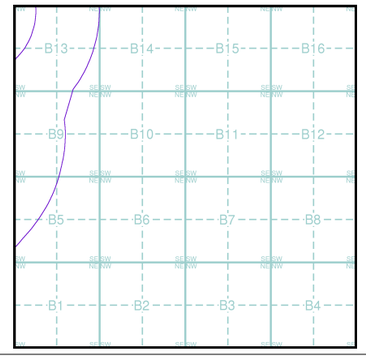
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Site Sensitivity Map - Slice B



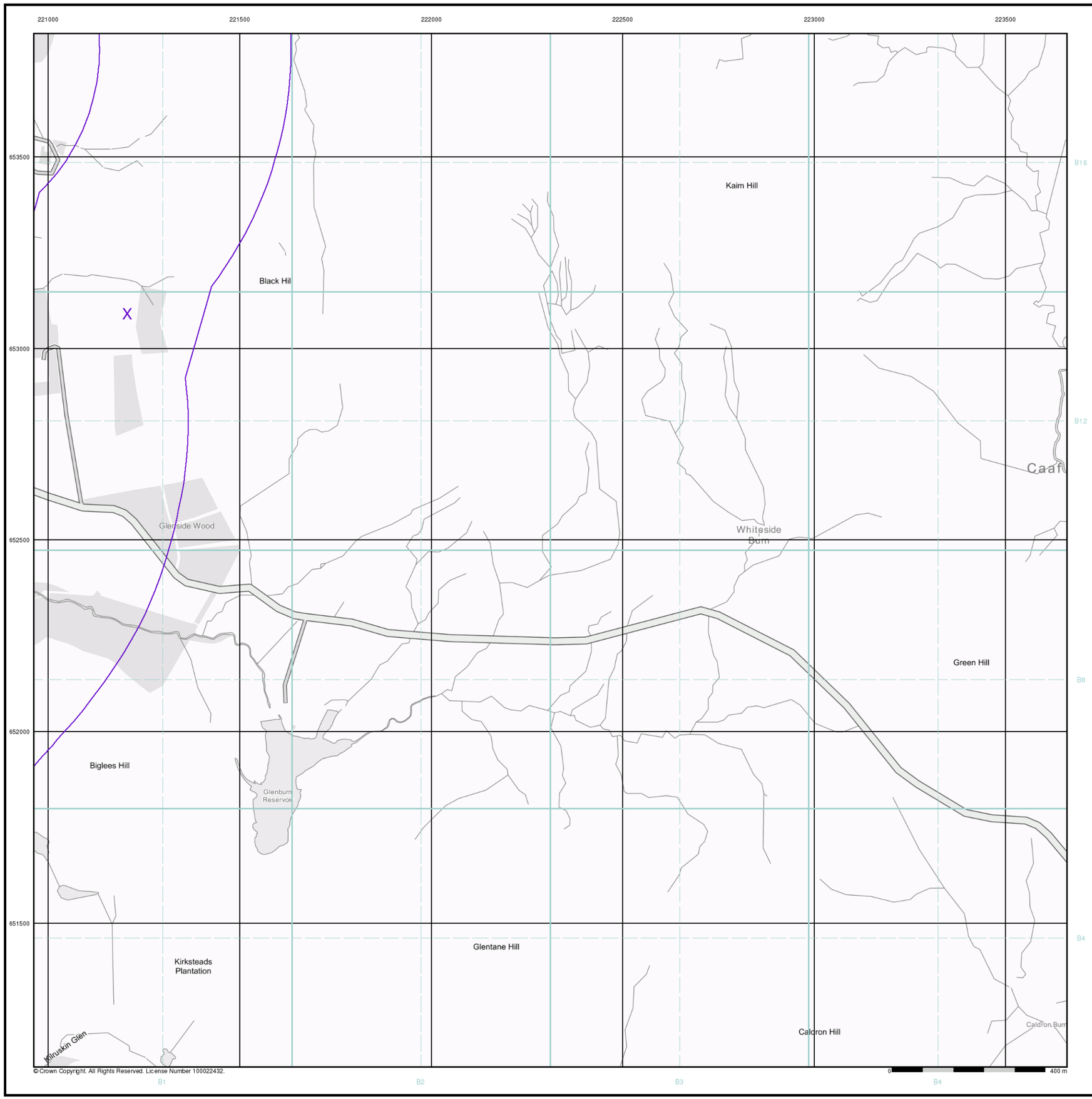
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221210, 653090
Slice:	B
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



Industrial Land Use Map

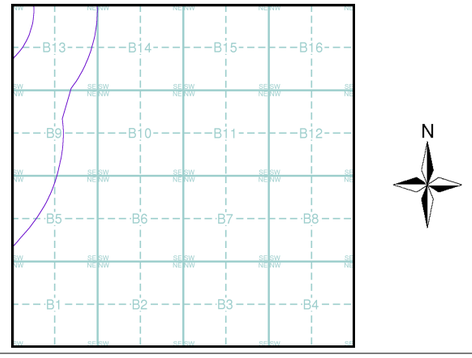
General

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



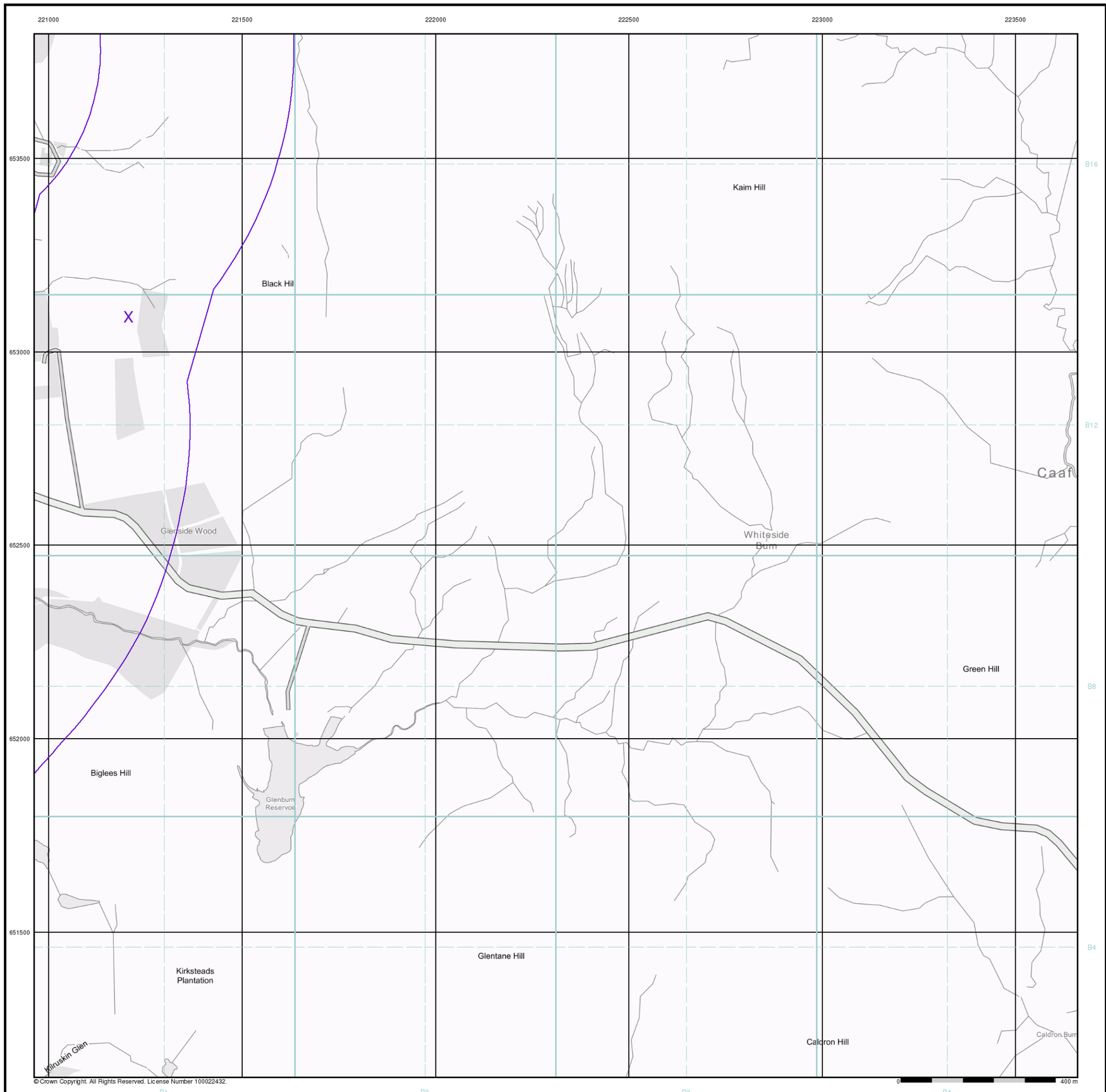
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221210, 653090
Slice:	B
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



General

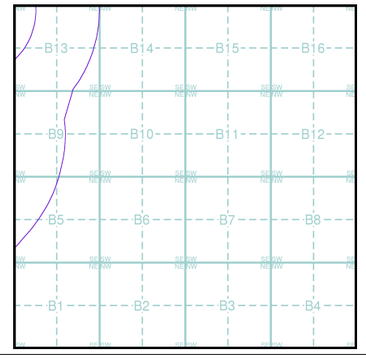
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Agency and Hydrological (Flood)

- 0 - 1m estimated 100yr flood depth
- 1 - 2m estimated 100yr flood depth
- Over 2m estimated 100yr flood depth

The flooded areas have been generated using a generalised technique and should not, by themselves, be used to infer that specific areas are or are not at risk of inundation. Flood risk at any specific location may be influenced by local factors - not least flood defence - that have not been taken into account.

Flood Map - Slice B



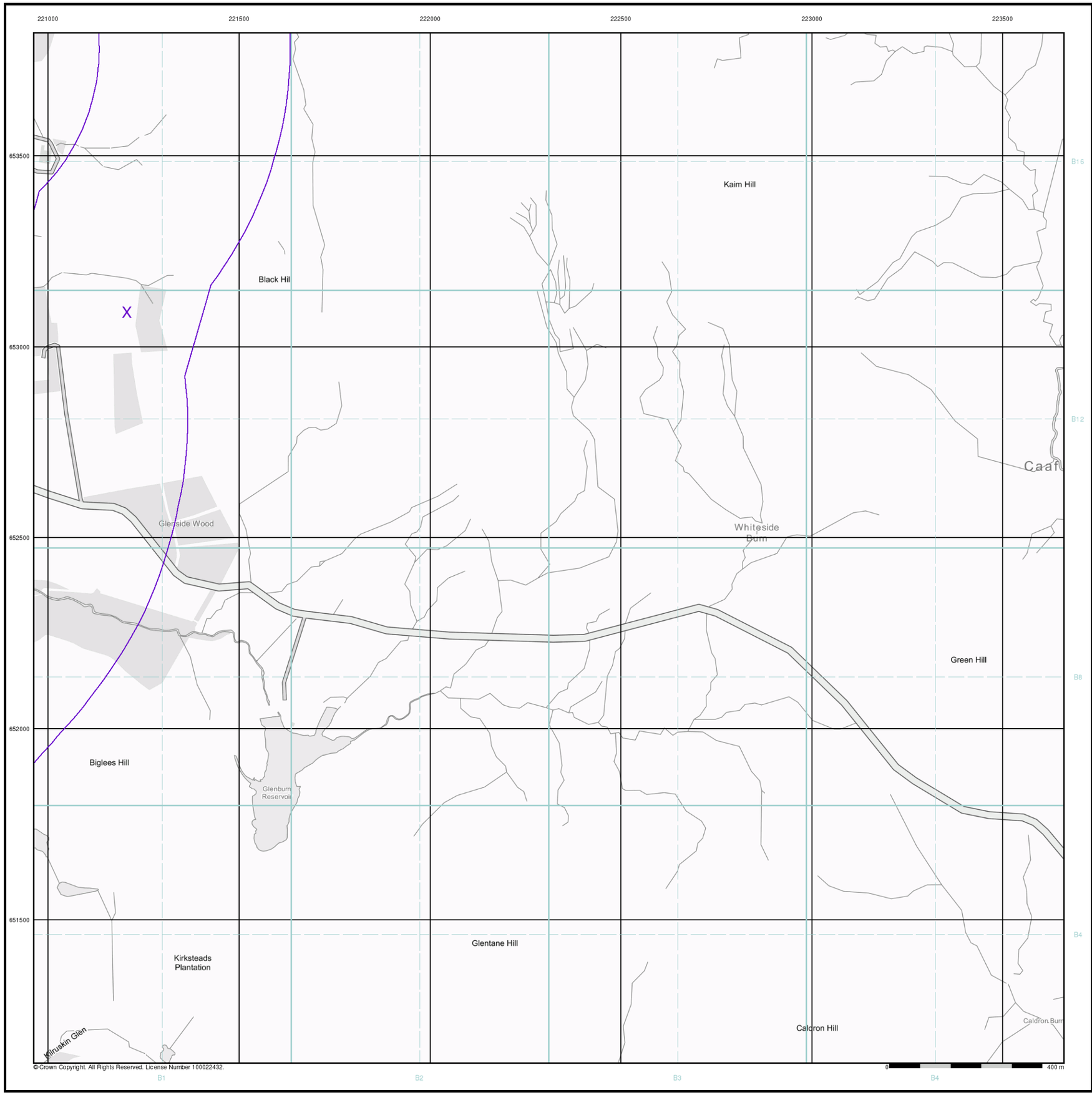
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221210, 653090
Slice:	B
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



General

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

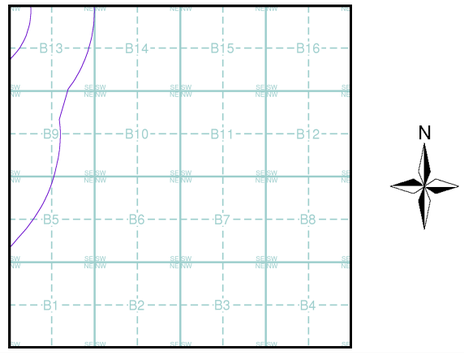
Agency and Hydrological (Boreholes)

- 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 B



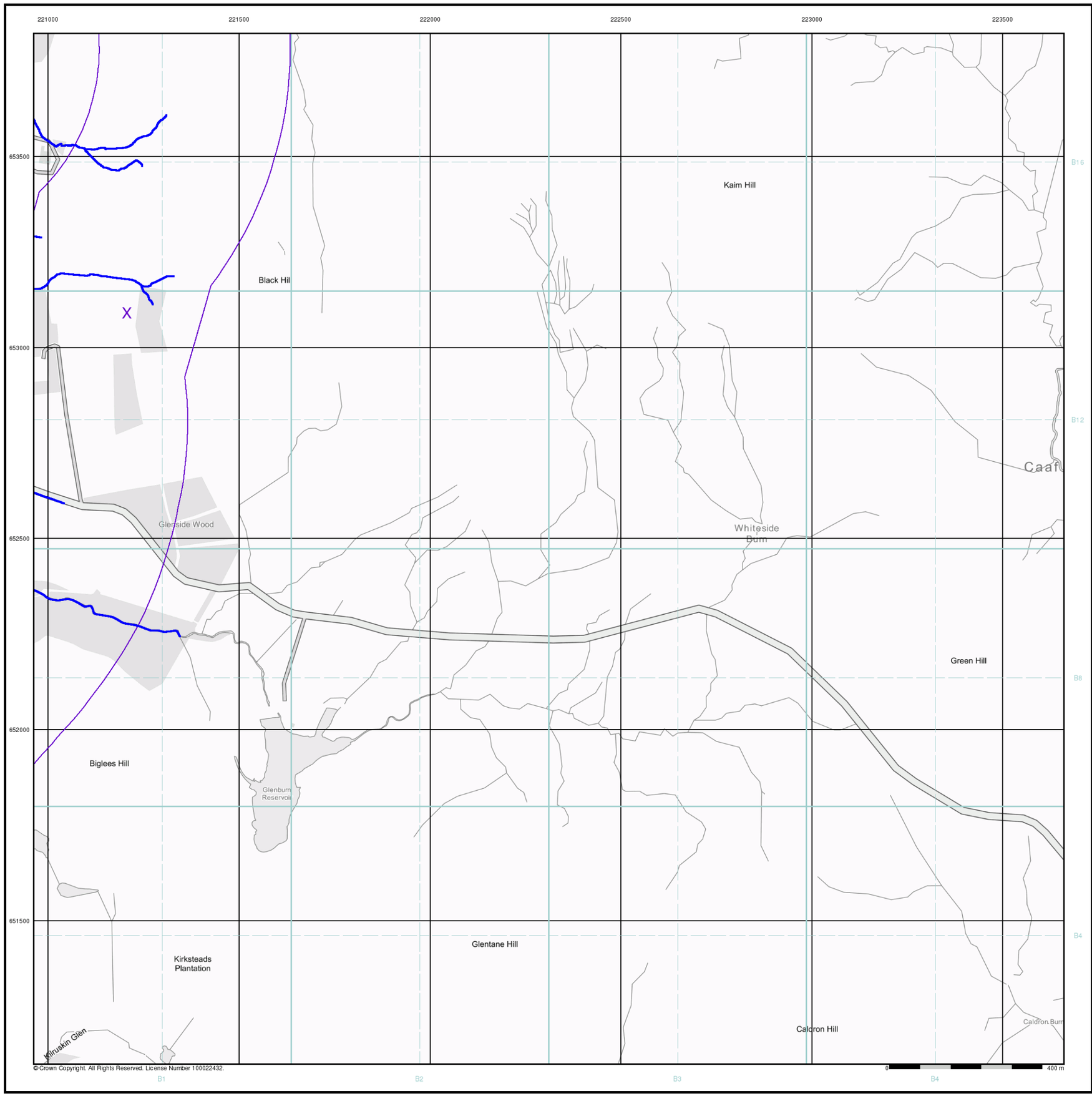
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221210, 653090
Slice:	B
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



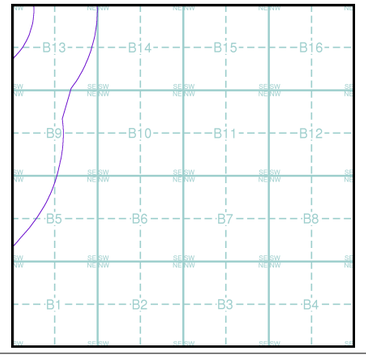
General

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

OS Water Network Data

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

OS Water Network Map - Slice B



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221210, 653090
Slice:	B
Site Area (Ha):	54.89
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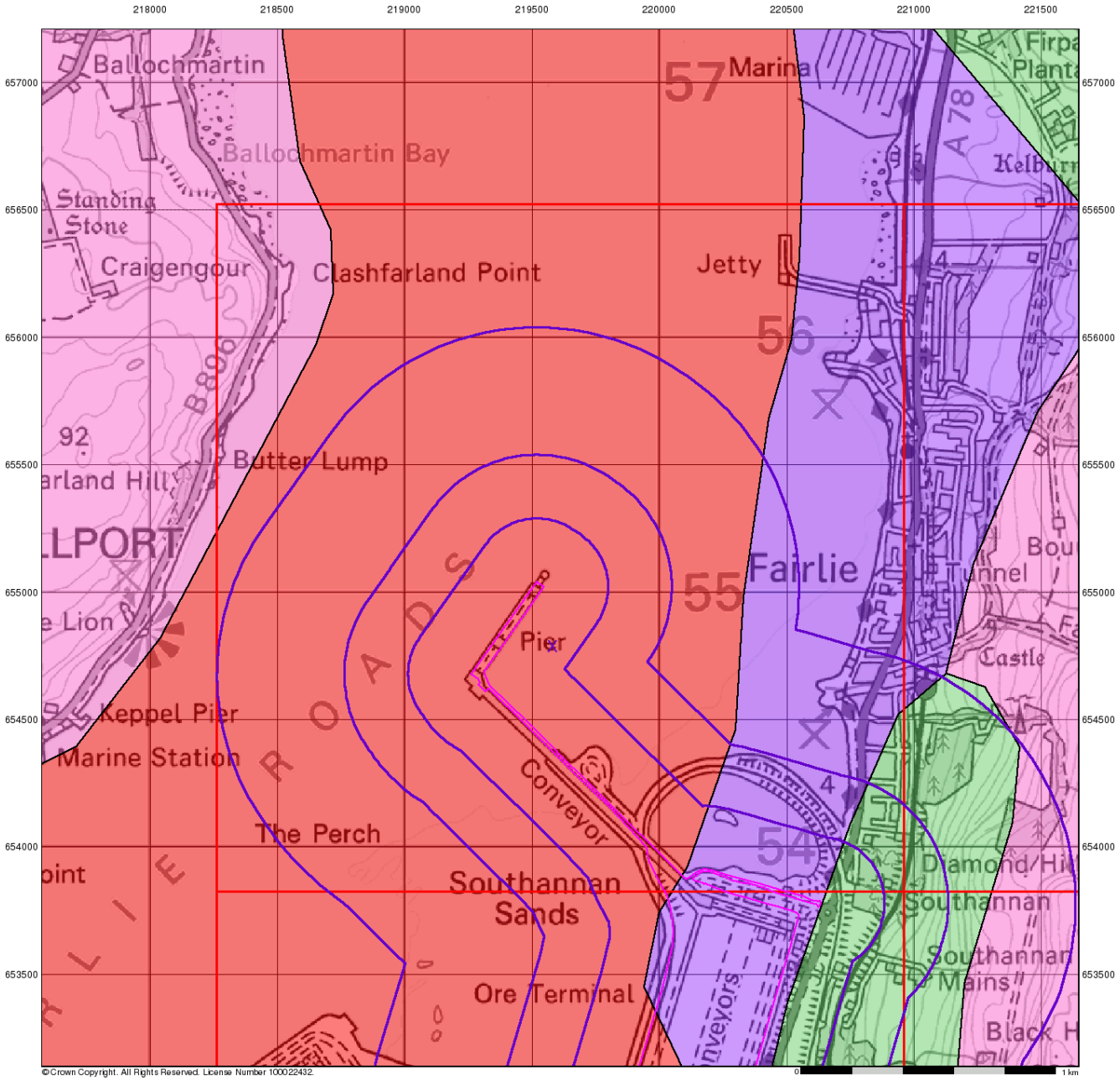


Groundwater Vulnerability

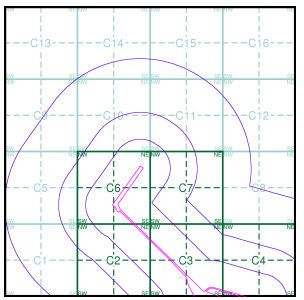
General

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

Agency and Hydrological

Geological Classes	Soil Classes
Highly Permeable	High
	Intermediate
	Low
Moderately Permeable	
Weakly Permeable	
Water or Sea	
Drift Deposit	

Site Sensitivity Context Map - Slice C



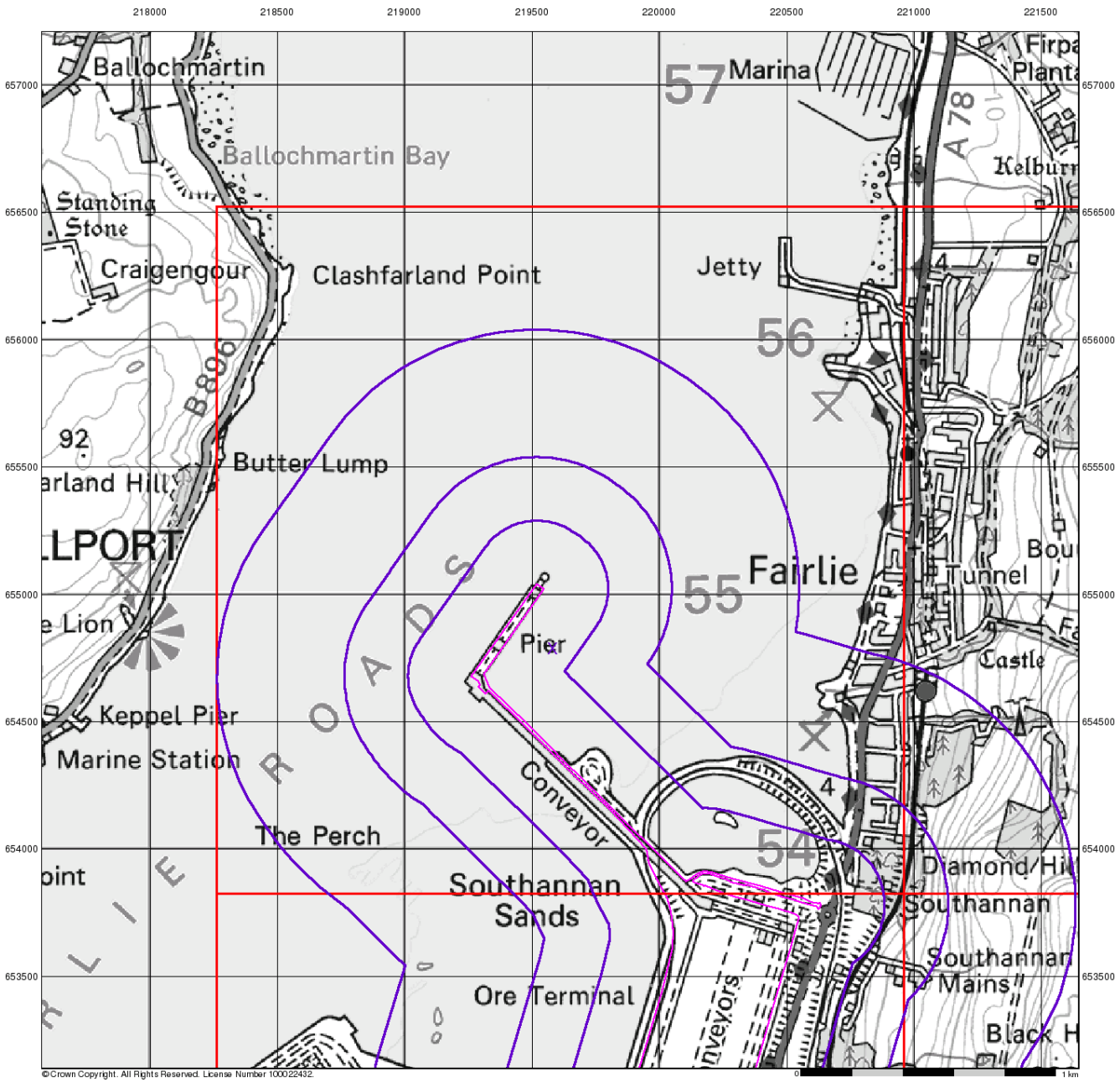
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



Source Protection Zones

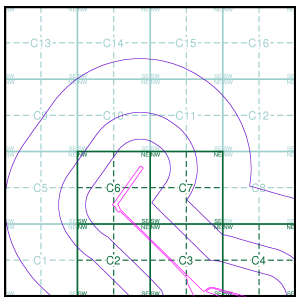
General

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:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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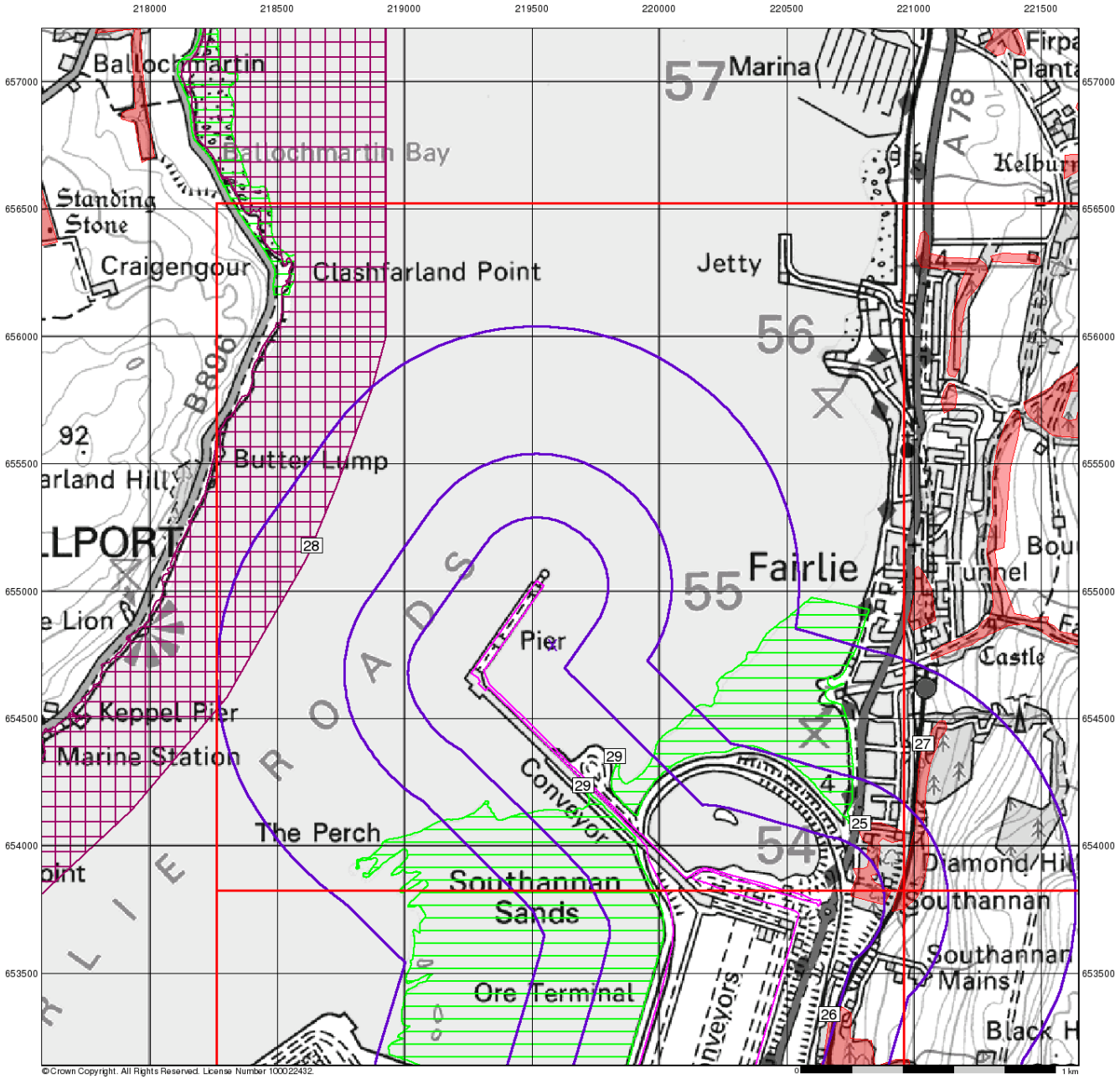
Web: www.envirocheck.co.uk



Sensitive Land Uses

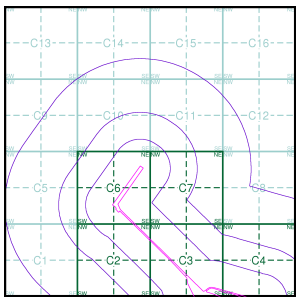
General

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
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- National Scenic Area
- 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 C



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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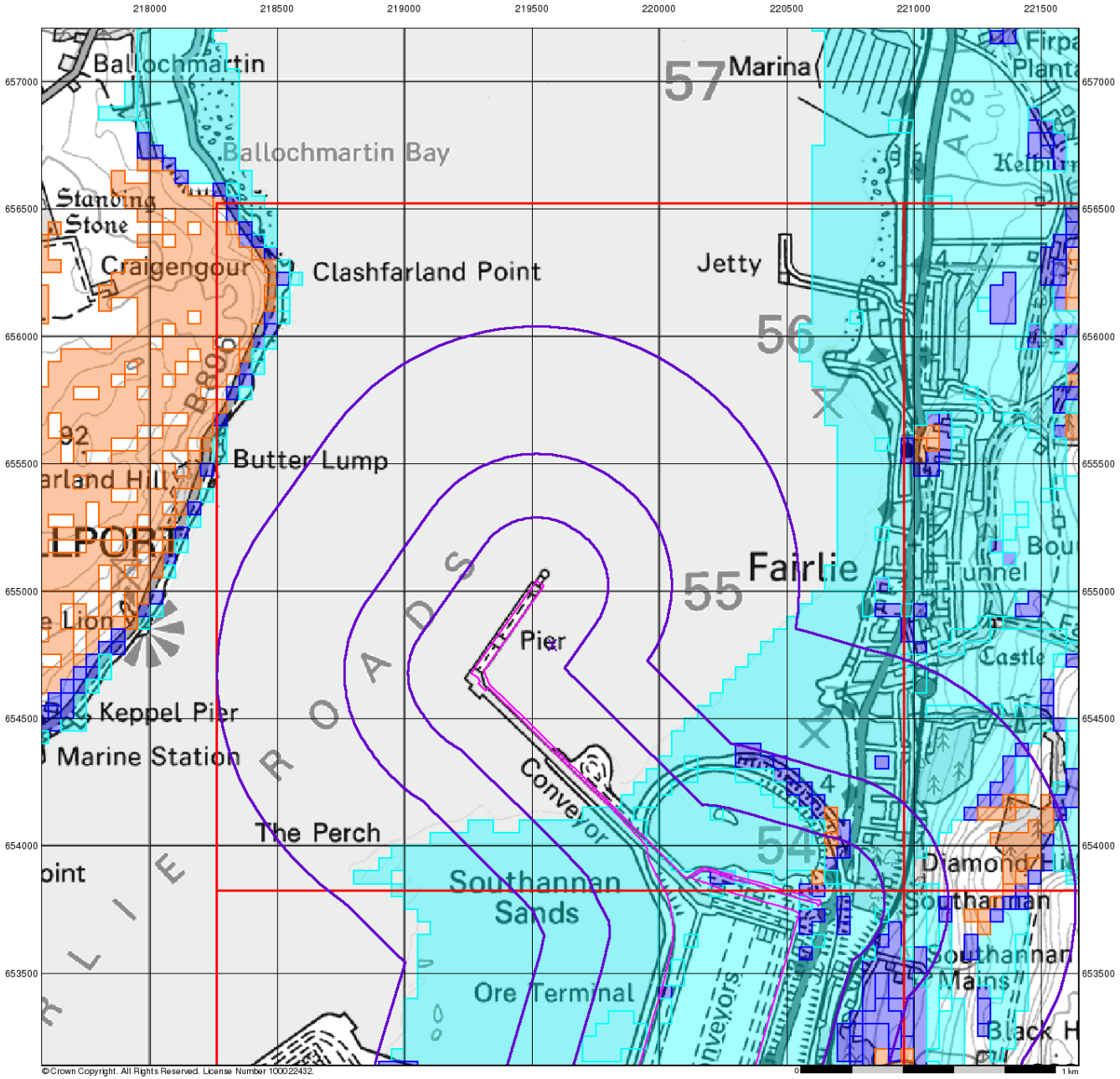


BGS Flood GFS Data

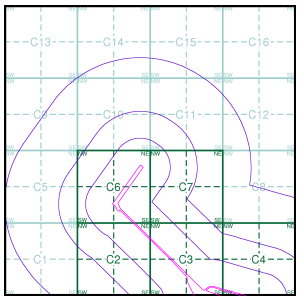
General

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

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
287571652_1_1

Customer Reference:
JER9266

National Grid Reference:
219580, 654790

Slice:
C

Site Area (Ha):
54.89

Search Buffer (m):
1000

Site Details:

Site at 219948,653824

Client Details:

Mr G Chapman
RPS Consulting Services Ltd
260 Park Avenue
Aztec West
Almondsbury
Bristol
BS32 4SY

Contents

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.

Report Version v53.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 4		3	2	3
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 6	1			
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6	Yes			
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability	pg 6	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Source Protection Zones					
River Flood Data (Scotland)				n/a	n/a
OS Water Network Lines	pg 6		3	2	8
Waste					
BGS Recorded Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 8	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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 9	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 9	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 9	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 10	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 11	1	6		
Fuel Station Entries					
Gas Pipelines					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 12		2	1	
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves	pg 12				1
National Nature Reserves					
National Parks					
National Scenic Areas					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 12		1		
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 to Occur at Surface	C3NE (SE)	0	1	219950 654300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3NE (SE)	0	1	220050 654450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	220000 653450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	1	220100 653650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (SE)	0	1	220200 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4SW (SE)	0	1	220550 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	220050 653550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	219800 653350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	220000 653400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (SE)	0	1	220200 653900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SW (SE)	0	1	219900 654150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3NE (SE)	0	1	220050 654250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	1	220550 653800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	3	1	220550 653750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4SW (SE)	10	1	220600 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	36	1	220550 653600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4SW (SE)	56	1	220600 653900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4SE (SE)	66	1	220650 653900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	67	1	220700 653800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4SE (SE)	69	1	220700 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	71	1	220600 653650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	72	1	220700 653750

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	(SE)	97	1	220700 653700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4SE (SE)	115	1	220650 653950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4SE (SE)	164	1	220650 654000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4SE (SE)	177	1	220700 654100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (SE)	191	1	220200 654150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4SW (SE)	198	1	220600 654100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4SE (SE)	214	1	220650 654050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	219	1	220850 653750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	239	1	220800 653600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	249	1	220850 653650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4SE (SE)	260	1	220650 654100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	264	1	220700 653300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	275	1	220900 653700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4SW (SE)	281	1	220550 654150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	294	1	220600 654200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	298	1	220750 653350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3NE (SE)	301	1	220100 654350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4NW (SE)	301	1	220300 654300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4SE (SE)	308	1	220650 654150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	312	1	220750 653300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	319	1	220750 653150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	326	1	220750 653250

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	C4NW (SE)	329	1	220500 654250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	346	1	220850 653500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	346	1	220850 653400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	360	1	220800 653300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	361	1	220950 653600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	397	1	220450 654300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	405	1	220300 654400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	406	1	221000 653600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	417	1	221050 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	428	1	220900 653400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	436	1	220850 653200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	445	1	220450 654350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	452	1	221100 653700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	456	1	221000 653500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	467	1	221100 653800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	468	1	221100 653750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	484	1	220900 653200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	498	1	220900 653150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: Clydeport Limited Property Type: Not Given Location: Settlement Lagoons, Hunterston Terminal, Hunterston, FAIRLIE Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 53421 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 7th August 1996 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge Environment: Controlled Waters Receiving Water: Firth Of Clyde **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	C2NE (S)	21	2	219600 654400
1	**Discharge Consents** Operator: Clydeport Limited Property Type: Not Given Location: New Discharge Of Sewage Effluent From, Hunterston Ore Terminal, Administration Block, HUNTERSTON, Ayrshire Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 5619 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 10th February 1977 Revocation Date: Not Supplied Discharge Type: Public Sewage: Septic Tank Discharge Environment: Controlled Waters Receiving Water: Firth Of Clyde **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	C2NE (S)	24	2	219605 654400
2	**Discharge Consents** Operator: Ayr County Council Property Type: Not Given Location: Fairlie Drainage Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: RP1130 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 1st April 1973 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge Environment: Unknown Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	C3SE (SE)	90	2	220180 654000
3	**Discharge Consents** Operator: Strathclyde Regional Council Property Type: Not Given Location: Northern Outfall, WEST KILBRIDE, Ayrshire Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 10768 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 16th November 1992 Revocation Date: Not Supplied Discharge Type: Public Sewage: Sea Outfall With Preliminary Treatment Discharge Environment: Controlled Waters Receiving Water: Firth Of Clyde **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	C7SE (SE)	445	2	220001 654600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Discharge Consents** Operator: Strathclyde Regional Council Property Type: Not Given Location: Private Housing Estate, Montgomerie Drive, FAIRLIE, Ayrshire Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 7072 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 30th December 1985 Revocation Date: Not Supplied Discharge Type: Surface Water Discharge Environment: Controlled Waters Receiving Water: Firth Of Clyde **Status: Not Supplied** Positional Accuracy: Unknown	C4NE (SE)	464	2	220770 654230
5	**Discharge Consents** Operator: Bs Corporation Project And Engineers Department Property Type: Not Given Location: Jetty Head, Hunterston Ore Terminal, HUNTERSTON Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 1400 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 18th April 1975 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Firth Of Clyde **Status: Not Supplied** Positional Accuracy: Unknown	C11SE (NE)	661	2	220001 655500
6	**Discharge Consents** Operator: Strathclyde Regional Council Property Type: Not Given Location: Emergency Outfall, Fairlie Burn, FAIRLIE, Ayrshire Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 11739 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 7th December 1994 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge Environment: Controlled Waters Receiving Water: Firth Of Clyde **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	C8SE (E)	819	2	220690 654620
7	**Discharge Consents** Operator: Strathclyde Regional Council Property Type: Not Given Location: Private Housing Development Site Of, Former Fairlieburne Hotel, Main Road, FAIRLIE Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 9263 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 3rd November 1991 Revocation Date: Not Supplied Discharge Type: Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Fairlie Burn **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	C8SE (E)	855	2	220750 654640
8	**Prosecutions Relating to Controlled Waters** Location: Fairlie Burn, Fairlie Burn, Fairlie, . Prosecution Text: Polluting The Fairlie Burn With Concrete. Prosecution Act: Wra91 Hearing Date: 17th December 2001 Verdict: Guilty Fine: 500 Cost: 0 Positional Accuracy: Manually positioned within the geographical locality	C8SE (E)	888	2	220851 654647

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Local Authority Pollution Prevention and Controls** Name: T H Fergusson & Co Processing Ltd Location: Clydeport Operations Ltd , Hunterston Terminal, Fairlie Authority: Scottish Environment Protection Agency, West Region Permit Reference: Apc/W/0020511 Dated: 27th September 2001 Process Type: Air Pollution Controls (Part B Processes) Description: Not Supplied **Status: Not Supplied** Positional Accuracy: Manually positioned to the address or location	C3SE (SE)	0	2	220214 653826
	Nearest Surface Water Feature	C2NE (S)	0	-	219600 654384
	Groundwater Vulnerability Geological Classification: Inland water or sea Soil Classification: Not classified Map Sheet: Sheet 54 Map Of Scotland Scale: 1:625,000	C6SE (SE)	0	3	219580 654786
	Groundwater Vulnerability Geological Classification: Major or Highly Permeable Aquifer - Highly permeable strata usually with a known or probable presence of significant fracturing Soil Classification: Soils of High Leaching Potential - Soils with little ability to attenuate diffuse source pollutants and in which non-absorbed diffuse source pollutants and liquid discharges will percolate rapidly Map Sheet: Map of Scotland Scale: 1:625,000	C8SW (E)	0	3	220316 654744
	Groundwater Vulnerability Geological Classification: Non or Weakly Permeable Aquifer - These formations with negligible permeability that are generally regarded as containing insignificant quantities of groundwater Soil Classification: Not classified Map Sheet: Map of Scotland Scale: 1:625,000	C4NE (SE)	0	3	220818 654245
	Drift Deposits None				
	River Flood Data (Scotland) None				
10	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 265.1 Watercourse Level: Underground Permanent: True Watercourse Name: Glen Burn Catchment Name: North Ayrshire Coastal Primacy: 1	C4SE (SE)	60	4	220733 653894
11	**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: North Ayrshire Coastal Primacy: 1	C4SE (SE)	147	4	220733 653894
12	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 114.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Glen Burn Catchment Name: North Ayrshire Coastal Primacy: 1	C4SE (SE)	147	4	220756 654005
13	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 82.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Glen Burn Catchment Name: North Ayrshire Coastal Primacy: 1	C4SE (SE)	251	4	220746 654087

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 808.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Glen Burn Catchment Name: North Ayrshire Coastal Primacy: 1	C8SW (E)	321	4	220332 654739
15	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 139.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fairlie Burn Catchment Name: North Ayrshire Coastal Primacy: 1	C8SW (E)	781	4	220588 654610
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 31.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Southannan Burn Catchment Name: North Ayrshire Coastal Primacy: 1	C8SE (E)	828	4	220959 654560
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Southannan Burn Catchment Name: North Ayrshire Coastal Primacy: 1	C8SE (E)	840	4	220956 654563
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Southannan Burn Catchment Name: North Ayrshire Coastal Primacy: 1	C8SE (E)	841	4	220930 654587
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 139.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fairlie Burn Catchment Name: North Ayrshire Coastal Primacy: 1	C8SE (E)	843	4	220723 654636
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: Underground Permanent: True Watercourse Name: Southannan Burn Catchment Name: North Ayrshire Coastal Primacy: 1	C8SE (E)	854	4	220921 654596
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 81.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Southannan Burn Catchment Name: North Ayrshire Coastal Primacy: 1	C8SE (E)	860	4	220860 654650
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 554.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fairlie Burn Catchment Name: North Ayrshire Coastal Primacy: 1	C8SE (E)	893	4	220860 654650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: North Ayrshire Council - Has supplied landfill data		0	5	219580 654786

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Stratheden Group	C6NE (W)	0	1	219380 654841
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	0	1	220028 654378
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	0	1	220000 654347
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C6SE (SW)	0	1	219382 654586
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	0	1	220000 654413
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8SE (E)	0	1	220942 654695
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8SE (E)	0	1	220942 654695
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C6SE (SW)	0	1	219382 654586
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	0	1	220000 654258
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	0	1	220610 654625
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	3	1	220057 654229
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	4	1	220000 654167
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	19	1	219735 654408
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C2SE (S)	44	1	219571 654140
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SE (SE)	189	1	220210 654125
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	201	1	220000 654413
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C6SE (SW)	0	1	219382 654586
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	0	1	220000 654413
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C6SE (SW)	0	1	219382 654586
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	0	1	220000 654413

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	C4SE (SE)	47	1	220670 653885
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(E)	100	1	220994 654463
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C4SE (SE)	136	1	220675 654127
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C6SE (SW)	0	1	219382 654586
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	0	1	220000 654258
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	3	1	220057 654229
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	4	1	220000 654167
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	19	1	219735 654408
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C2SE (S)	44	1	219571 654140
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SE (SE)	189	1	220210 654125
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	201	1	220000 654413
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C6SE (SW)	0	1	219382 654586
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NE (SE)	0	1	220000 654413
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(E)	0	1	221033 654596
	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	C7SW (SE)	0	1	219801 654623
	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	C7SE (E)	0	1	220001 654786
	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	C7SW (SE)	0	1	219801 654623
	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	C7SE (E)	0	1	220001 654786

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	**Contemporary Trade Directory Entries** Name: Cogrin International Ltd Location: Hunterston Terminal, Fairlie, Largs, Ayrshire, KA29 0AZ Classification: Coal & Smokeless Fuel Merchants & Distributors **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	C3SE (SE)	0	-	219976 653990
24	**Contemporary Trade Directory Entries** Name: Graypen Ltd Location: Fairlie, Fairlie, Largs, Ayrshire, KA29 0AZ Classification: Ports, Docks & Harbours **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	C4SW (SE)	10	-	220504 653832
24	**Contemporary Trade Directory Entries** Name: Hunterston Ship Agency Location: Clydeport Terminal, Fairlie, Largs, Ayrshire, KA29 0AZ Classification: Freight Forwarders **Status: Inactive** Positional Accuracy: Automatically positioned to the address	C4SW (SE)	11	-	220504 653832
24	**Contemporary Trade Directory Entries** Name: Fergusson (Processing) Ltd Location: Clydeport Terminal, Fairlie, Largs, Ayrshire, KA29 0AZ Classification: Coal Companies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	C4SW (SE)	11	-	220504 653832
24	**Contemporary Trade Directory Entries** Name: Fairlie Fabrications Ltd Location: Clydeport Terminal, Fairlie, Largs, Ayrshire, KA29 0AZ Classification: Blacksmiths & Forgemasters **Status: Inactive** Positional Accuracy: Automatically positioned to the address	C4SW (SE)	11	-	220504 653832
24	**Contemporary Trade Directory Entries** Name: Clydeport Operations Location: Fairlie, Largs, Ayrshire, KA29 0AZ Classification: Ports, Docks & Harbours **Status: Inactive** Positional Accuracy: Automatically positioned to the address	C4SW (SE)	11	-	220504 653832
24	**Contemporary Trade Directory Entries** Name: Knight Energy Services Ltd Location: Clydeport Terminal, Fairlie, Largs, Ayrshire, KA29 0AZ Classification: Coal Companies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	C4SW (SE)	11	-	220504 653832

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	**Ancient Woodland** Name: Not Supplied Reference: 25346 Area(m²): 29064.83 Type: Ancient Woodland with a short-break in continuity	C4SE (SE)	120	6	220790 654087
26	**Ancient Woodland** Name: Not Supplied Reference: 25349 Area(m²): 133425.69 Type: Ancient and Semi-Natural Woodland	(SE)	224	6	220669 653336
27	**Ancient Woodland** Name: Not Supplied Reference: 25345 Area(m²): 41536.75 Type: Ancient Woodland of Plantation Origin	(E)	283	6	221037 654401
28	**Marine Nature Reserves** Name: Cumbraes Multiple Area: N Area (m2): 26982170.83 Source: NatureScot	C9SE (NW)	786	6	218636 655179
29	**Sites of Special Scientific Interest** Name: Southannan Sands Multiple Areas: Y Total Area (m2): 2554680.4400000004 Source: NatureScot Reference: 10261 Designation Details: Biological Designation Date: 20th March 2013 Date Type: Designated	C3NW (S)	10	6	219703 654237

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Argyll And Bute Council	December 2019	Annual Rolling Update
Scottish Environment Protection Agency - Head Office	June 2020	Annually
North Ayrshire Council	October 2017	Annual Rolling Update
Discharge Consents		
Scottish Environment Protection Agency - West Region	April 2002	Annually
Enforcement and Prohibition Notices		
Scottish Environment Protection Agency - West Region	March 2013	
Integrated Pollution Controls		
Scottish Environment Protection Agency - Head Office	February 1998	
Scottish Environment Protection Agency - West Region	March 2002	
Local Authority Pollution Prevention and Controls		
Scottish Environment Protection Agency - West Region	March 2002	Not Applicable
Local Authority Pollution Prevention and Control Enforcements		
Scottish Environment Protection Agency - West Region	January 1998	Variable
Nearest Surface Water Feature		
Ordnance Survey	August 2021	
Prosecutions Relating to Authorised Processes		
Scottish Environment Protection Agency - West Region	March 2013	
Prosecutions Relating to Controlled Waters		
Scottish Environment Protection Agency - West Region	March 2013	
Registered Radioactive Substances		
Scottish Environment Protection Agency - West Region	April 1996	Annually
Scottish Environment Protection Agency - Head Office	January 1998	Annually
River Quality		
Scottish Environment Protection Agency - Head Office	December 1990	Not Applicable
Scottish Environment Protection Agency - West Region	December 1990	Not Applicable
Water Abstractions		
Scottish Government - Agriculture, Environment and Fisheries Department	February 2004	Annually
Water Industry Act Referrals		
Scottish Environment Protection Agency - West Region	April 1996	As Designated
Groundwater Vulnerability		
Scottish Environment Protection Agency - West Region	December 1995	Not Applicable
Scottish Environment Protection Agency - Head Office	December 1995	
Drift Deposits		
Scottish Environment Protection Agency - Head Office	December 1995	Not Applicable
Scottish Environment Protection Agency - West Region	December 1995	Not Applicable
OS Water Network Lines		
Ordnance Survey	July 2021	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	November 2002	Not Applicable
Integrated Pollution Control Registered Waste Sites		
Scottish Environment Protection Agency - Head Office	March 2002	Not Applicable
Scottish Environment Protection Agency - West Region	March 2002	Not Applicable
Local Authority Landfill Coverage		
Argyll And Bute Council	February 2003	Not Applicable
North Ayrshire Council	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Argyll And Bute Council	October 2018	
North Ayrshire Council	October 2018	
Registered Landfill Sites		
Scottish Environment Protection Agency - Head Office	March 2006	Not Applicable
Scottish Environment Protection Agency - West Region	March 2006	Not Applicable
Registered Waste Transfer Sites		
Scottish Environment Protection Agency - Head Office	April 2018	
Scottish Environment Protection Agency - West Region	April 2018	
Registered Waste Treatment or Disposal Sites		
Scottish Environment Protection Agency - Head Office	June 2015	
Scottish Environment Protection Agency - West Region	June 2015	
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	August 2001	
Planning Hazardous Substance Enforcements		
North Ayrshire Council - Planning Department	February 2016	Variable
Argyll And Bute Council - Planning Department	October 2015	Variable
Planning Hazardous Substance Consents		
North Ayrshire Council - Planning Department	February 2016	Variable
Argyll And Bute Council - Planning Department	October 2015	Variable

Data Currency

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	November 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	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	October 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	October 2021	Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
NatureScot	September 2017	Bi-Annually
Areas of Adopted Green Belt		
Argyll And Bute Council	August 2009	As notified
North Ayrshire Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
Argyll And Bute Council	October 2020	Quarterly
North Ayrshire Council	October 2020	Quarterly
Environmentally Sensitive Areas		
Scottish Government	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Argyll And Bute Council	February 2018	Bi-Annually
North Ayrshire Council	February 2018	Bi-Annually
Marine Nature Reserves		
NatureScot	July 2019	Bi-Annually
National Nature Reserves		
NatureScot	June 2019	Bi-Annually
National Parks		
Scottish Government	February 2018	Bi-Annually
National Scenic Areas		
Scottish Government	February 2018	Bi-Annually
Nitrate Vulnerable Zones		
Scottish Government	July 2019	Annually
Ramsar Sites		
NatureScot	April 2019	Bi-Annually
Sites of Special Scientific Interest		
NatureScot	March 2019	Bi-Annually
Special Areas of Conservation		
NatureScot	August 2020	Bi-Annually
Special Protection Areas		
NatureScot	February 2021	Bi-Annually

Data Suppliers

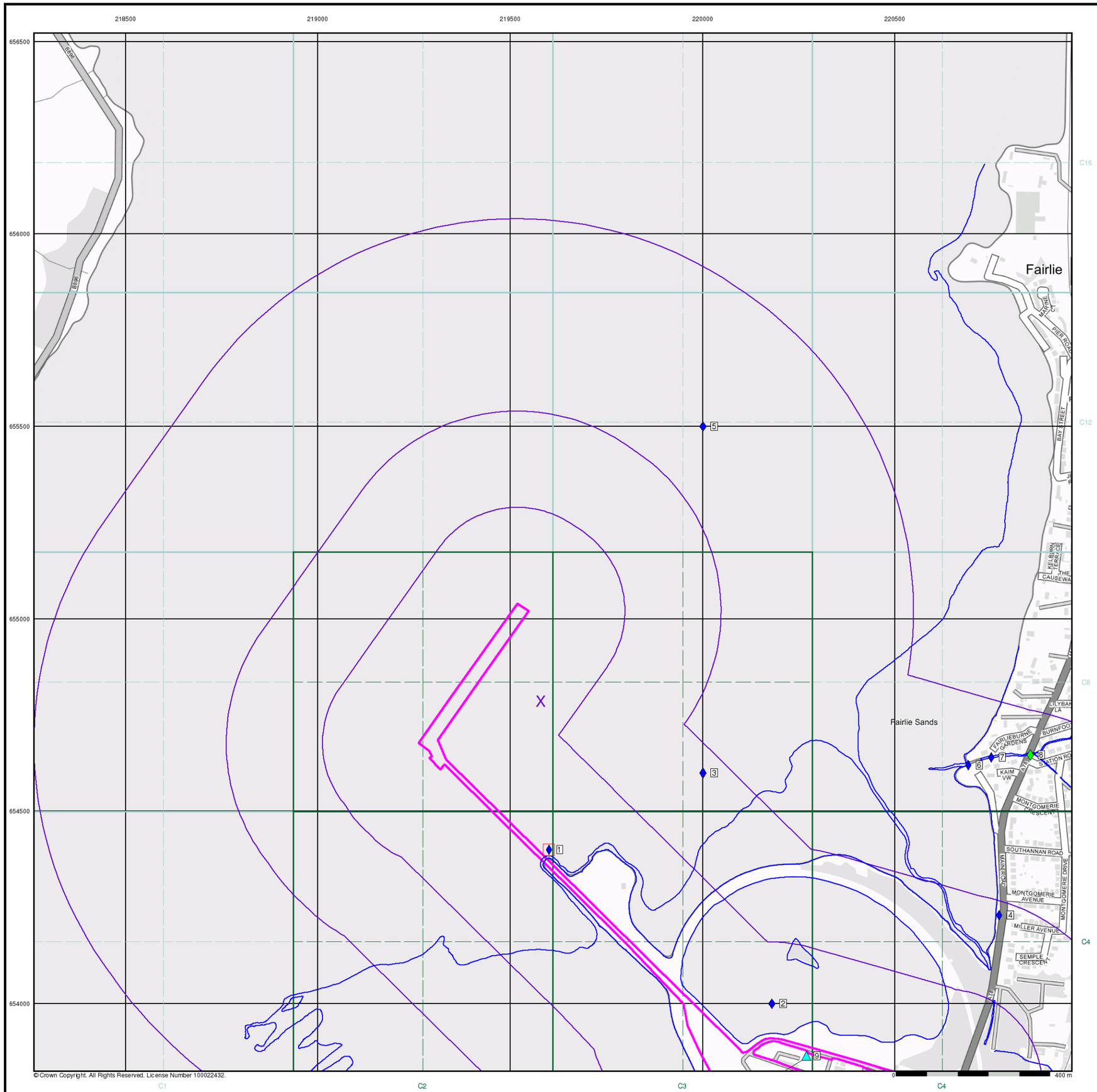
A selection of organisations who provide data within this report

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

Useful Contacts

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	**Scottish Environment Protection Agency - West Region** 5 Redwood Crescent, Peel Park, East Kilbride, South Lanarkshire, G74 5PP	Telephone: 01355 574200 Fax: 01355 574688
3	**Scottish Environment Protection Agency - Head Office** Erskine Court, The Castle Business Park, Stirling, Stirlingshire, FK9 4TR	Telephone: 01786 457700 Fax: 01786 446885
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	**North Ayrshire Council** Cunninghame House, Friars Croft, Irvine, Ayrshire, KA12 8EE	Telephone: 01294 324100 Fax: 01294 324344 Website: www.north-ayrshire.gov.uk
6	**NatureScot** Great Glen House, Leachkin Road, Inverness, IV3 8NW	Telephone: 01463 725000 Email: enquiries@nature.scot Website: www.nature.scot
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- 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
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- Integrated Pollution Control Registered Waste Site
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

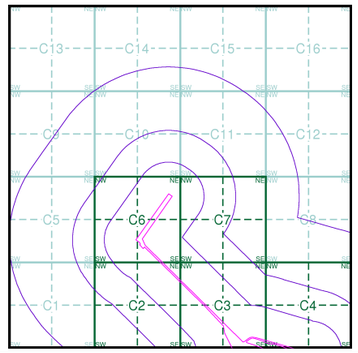
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Site Sensitivity Map - Slice C



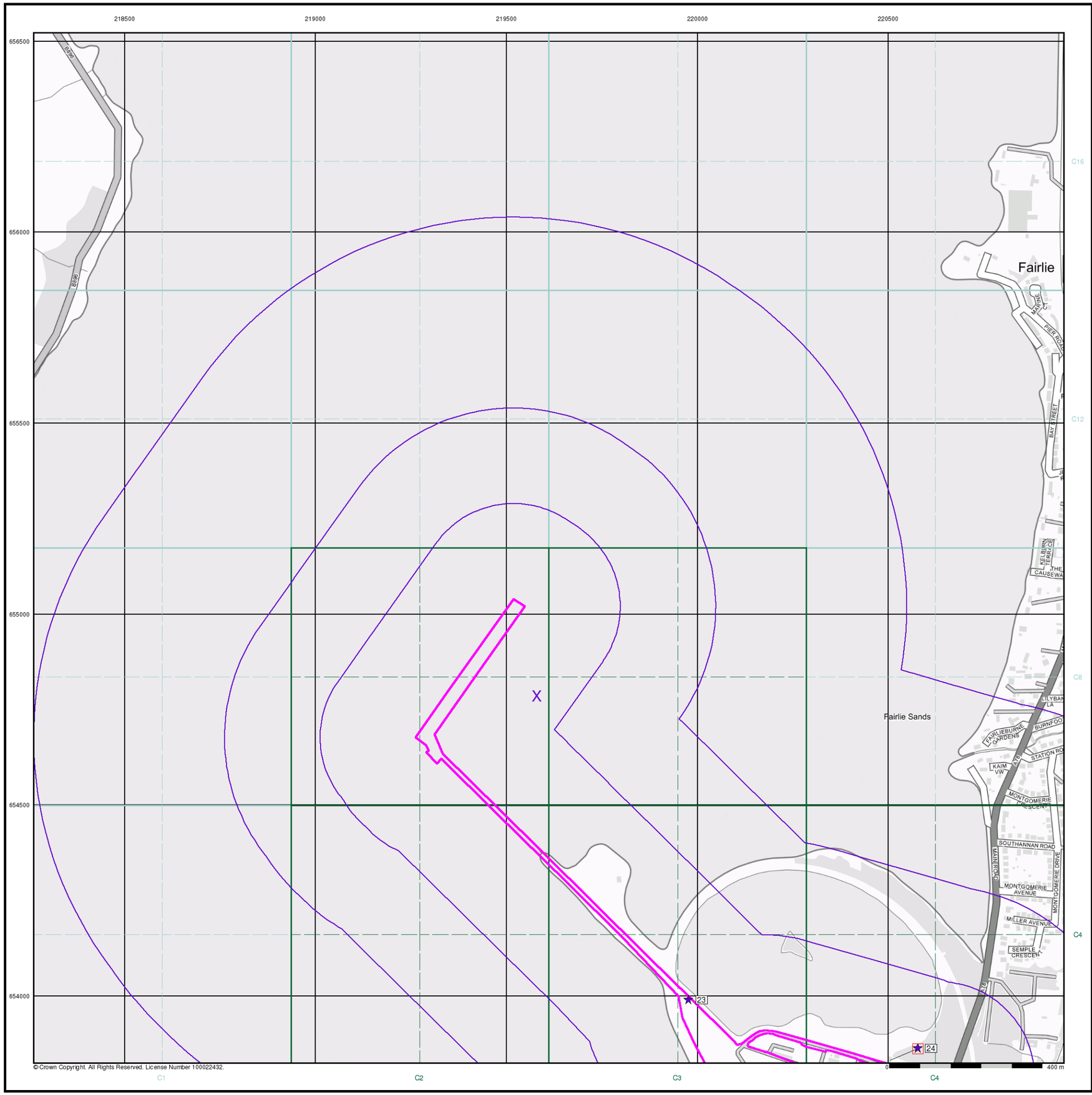
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



Industrial Land Use Map

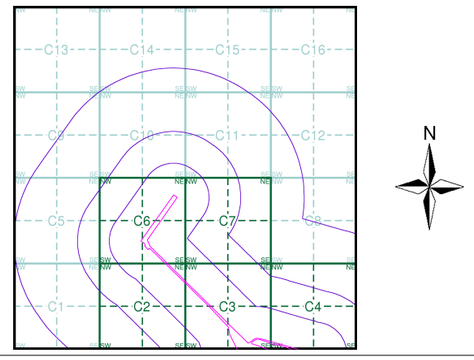
General

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



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

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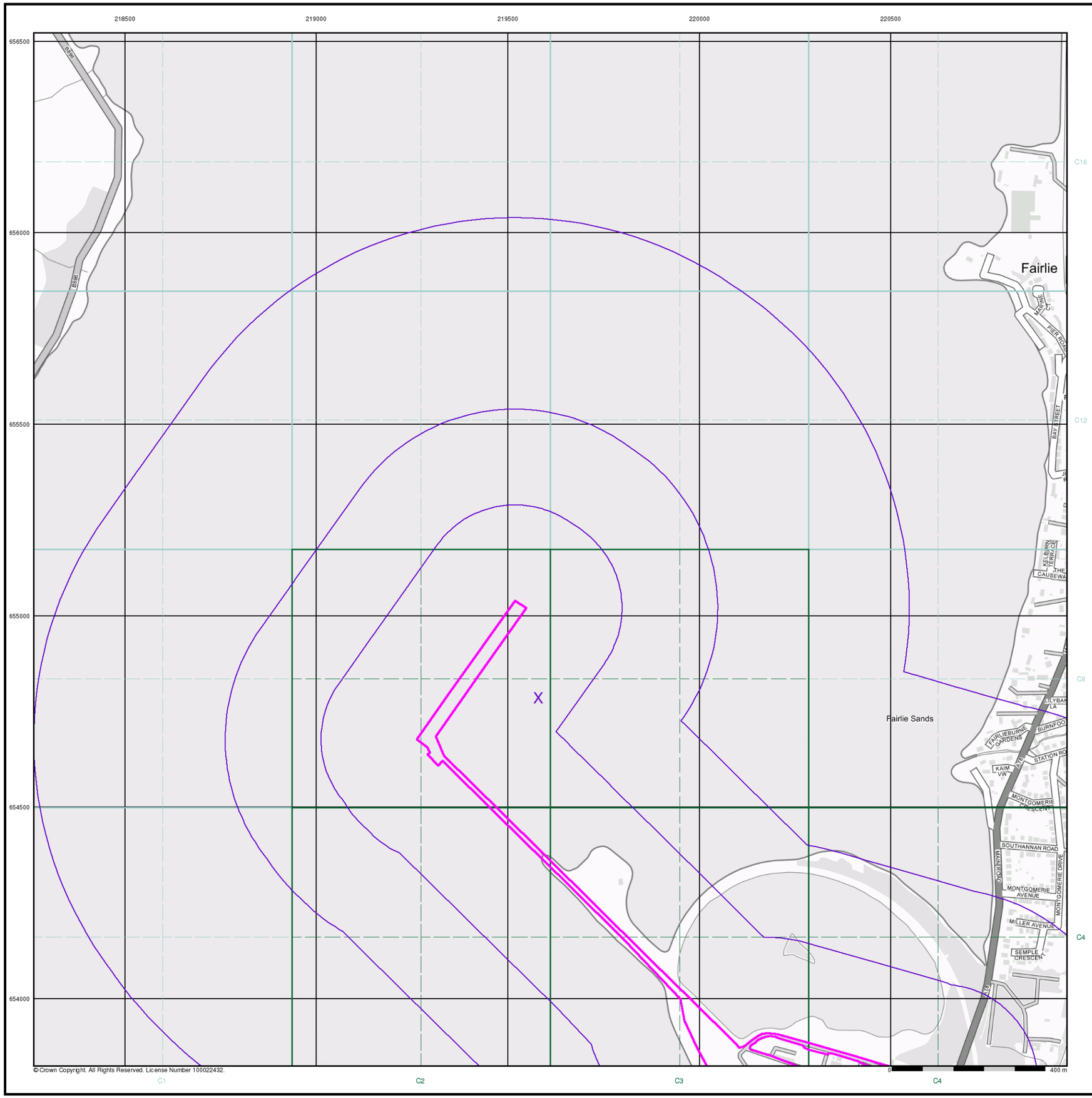


General

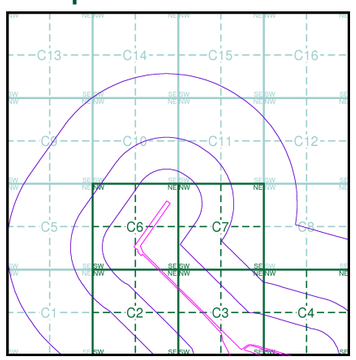
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Agency and Hydrological (Flood)

- 0 - 1m estimated 100yr flood depth
- 1 - 2m estimated 100yr flood depth
- Over 2m estimated 100yr flood depth

The flooded areas have been generated using a generalised technique and should not, by themselves, be used to infer that specific areas are or are not at risk of inundation. Flood risk at any specific location may be influenced by local factors - not least flood defence - that have not been taken into account.

Flood Map - Slice C



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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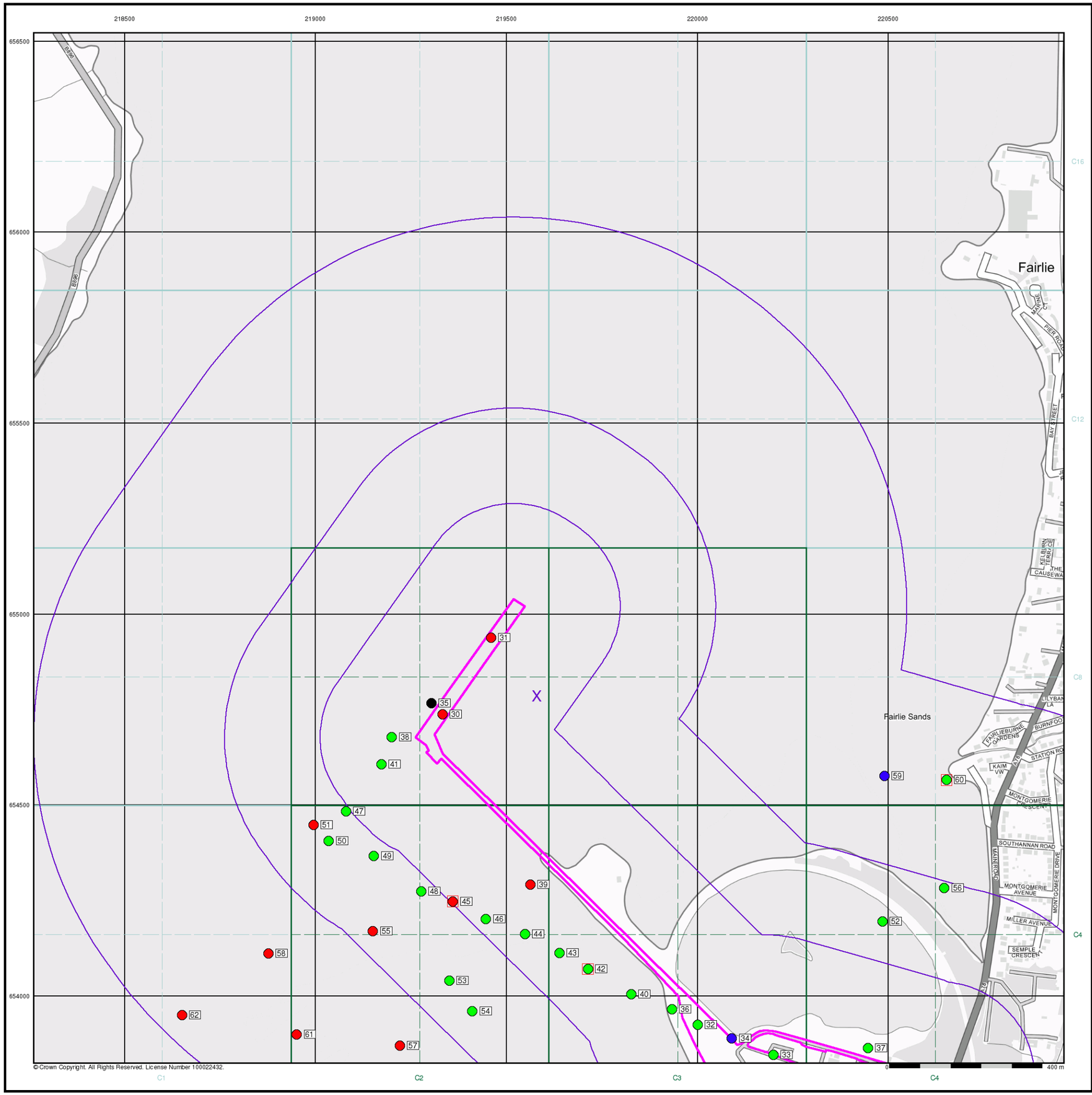


General

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

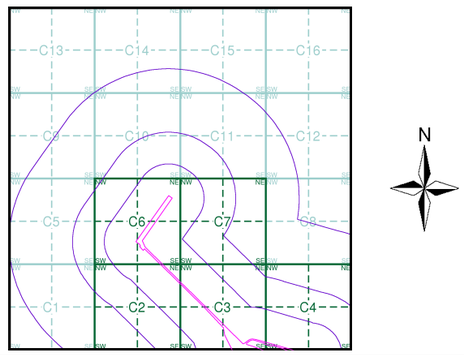
Agency and Hydrological (Boreholes)

- 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 C



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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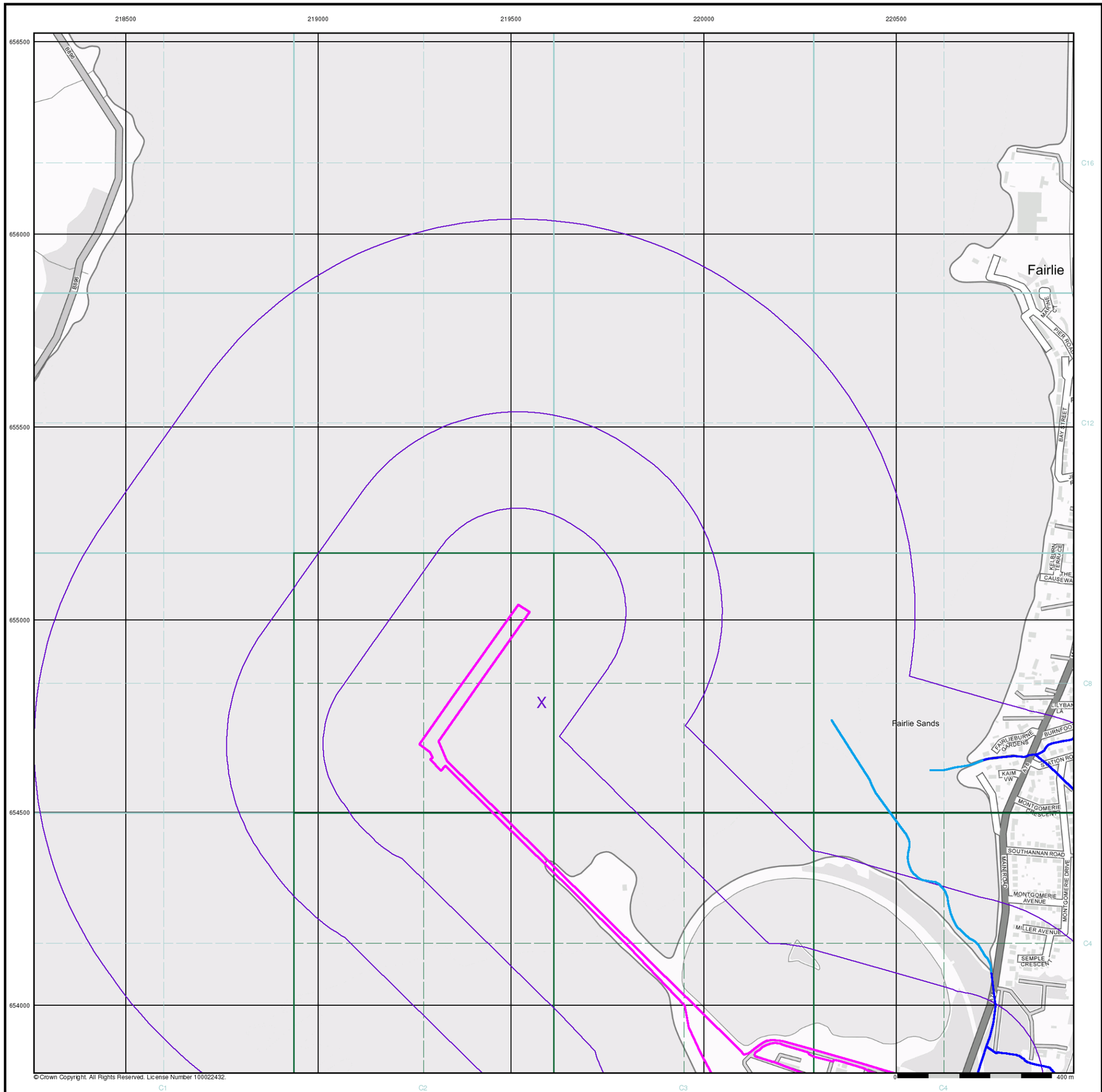


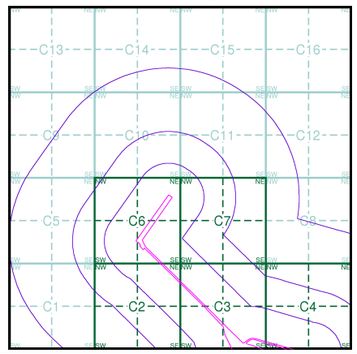
General

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

OS Water Network Data

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

OS Water Network Map - Slice C



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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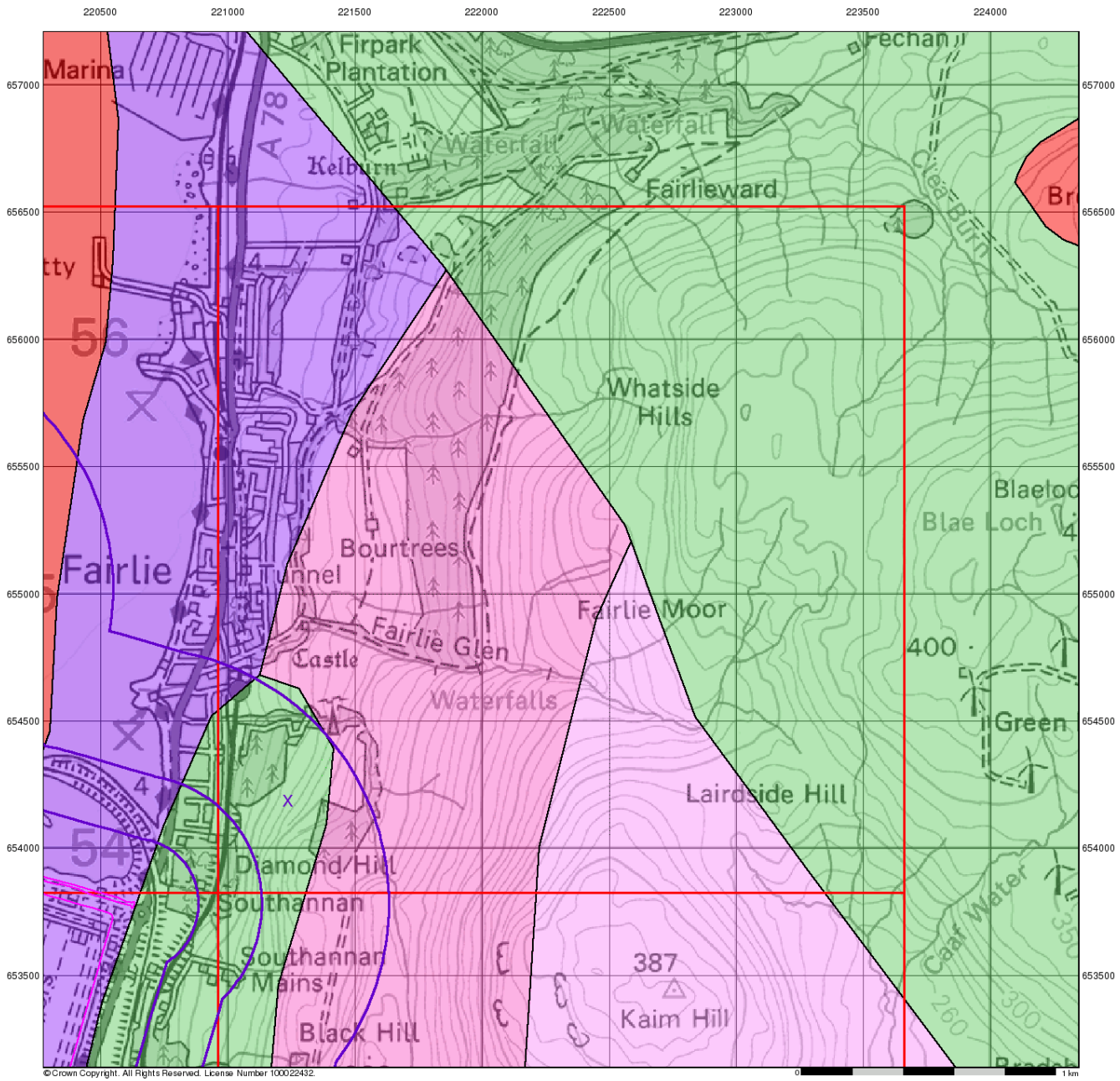
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Groundwater Vulnerability

General

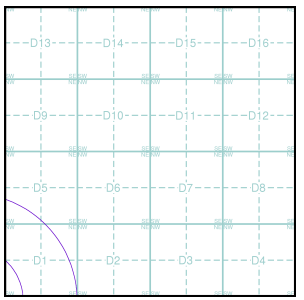
Specified Site | Specified Buffer(s) | Bearing Reference Point

Slice | Map ID

Agency and Hydrological

Geological Classes	Soil Classes
Highly Permeable	High
	Intermediate
	Low
Moderately Permeable	
Weakly Permeable	
Water or Sea	
Drift Deposit	

Site Sensitivity Context Map - Slice D



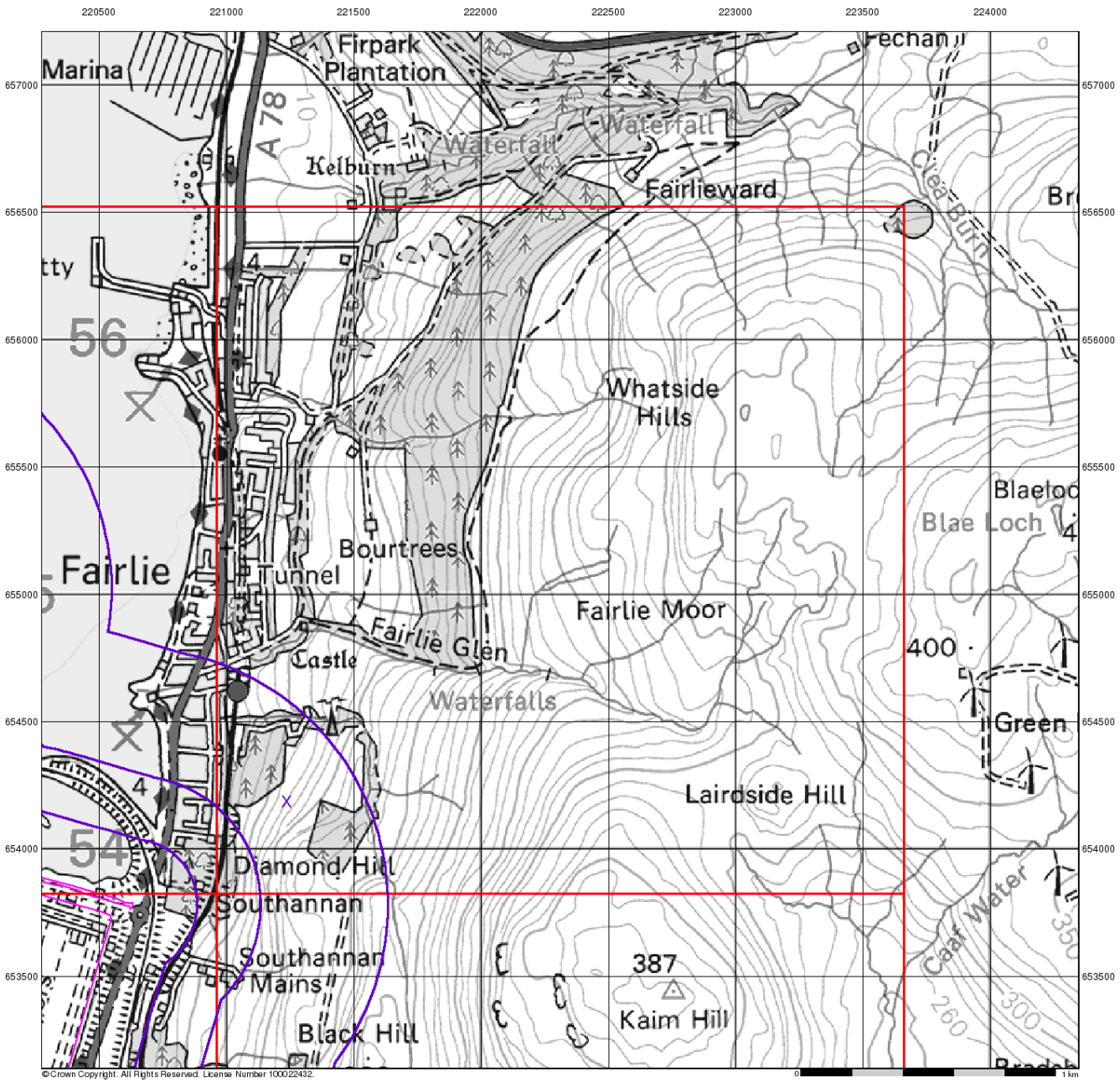
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221240, 654190
Slice:	D
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



Source Protection Zones

General

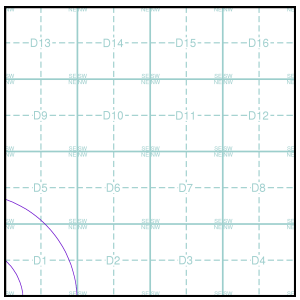
Specified Site | Specified Buffer(s) | Bearing Reference Point

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 D



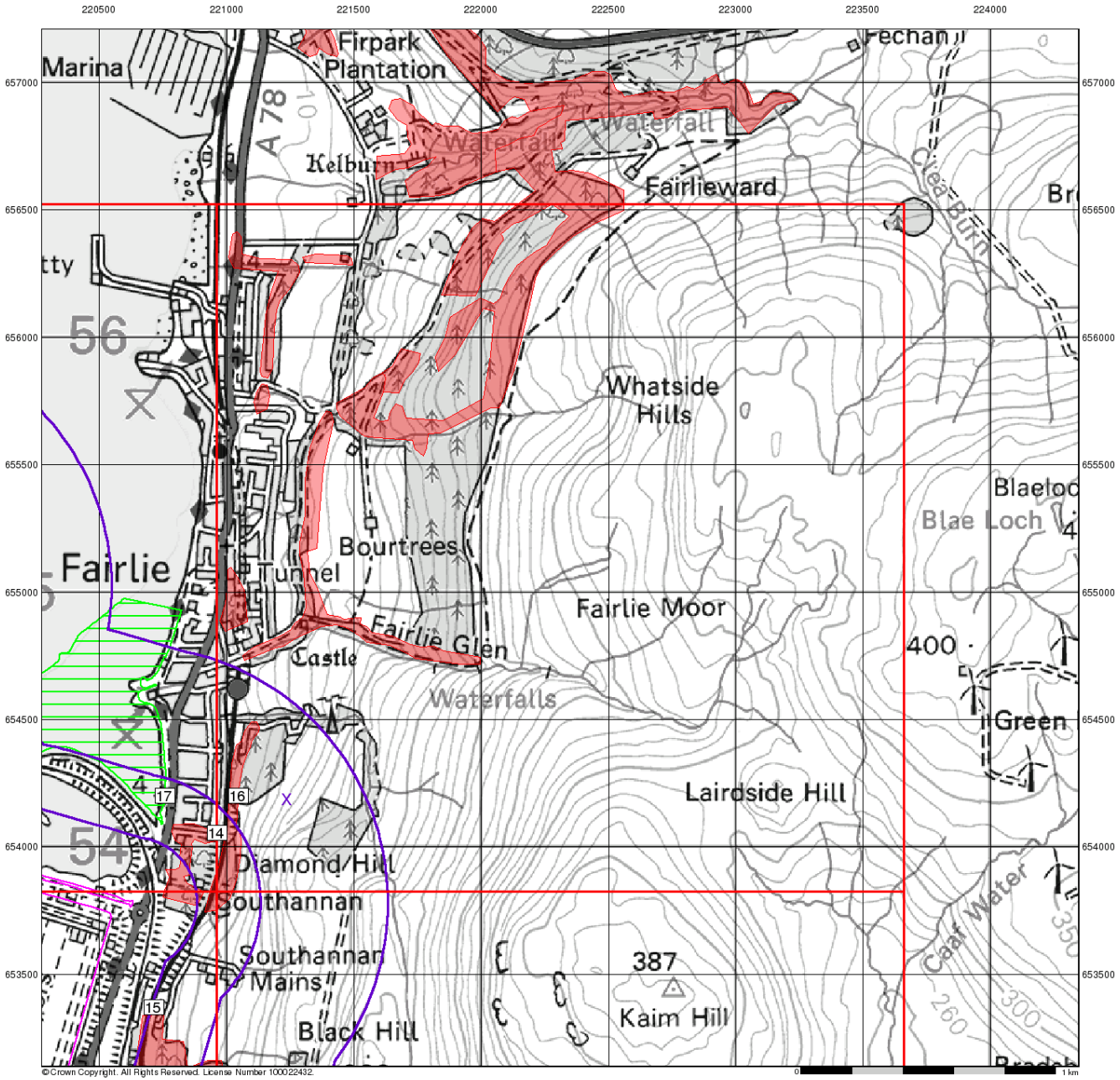
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221240, 654190
Slice:	D
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



Sensitive Land Uses

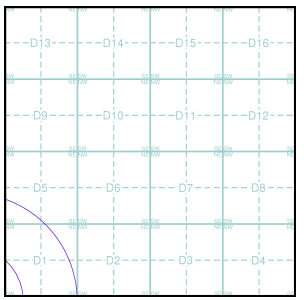
General

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
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- National Scenic Area
- 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 D



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221240, 654190
Slice:	D
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

Landmark INFORMATION GROUP
Tel: 0844 844 9952
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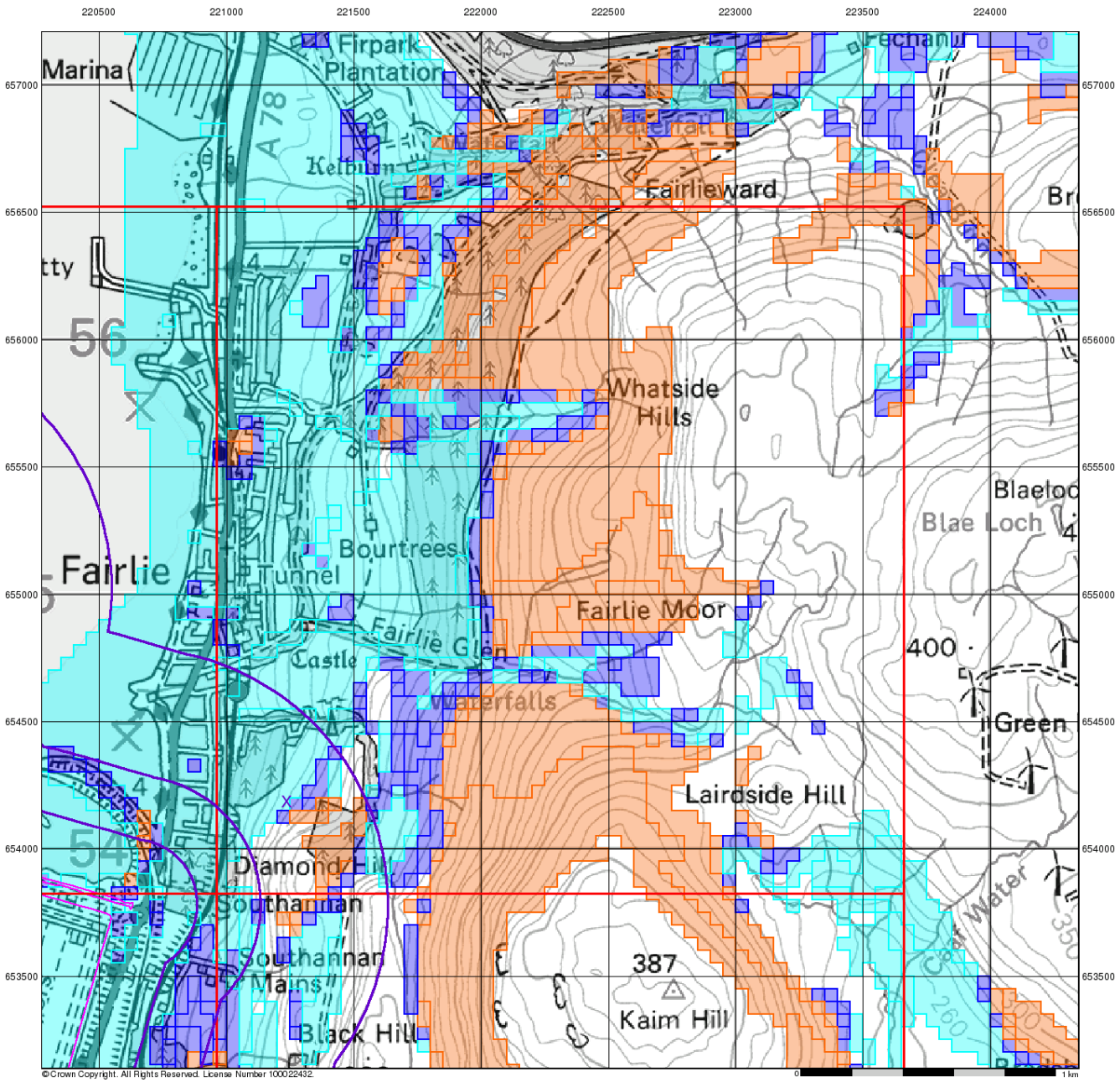
Web: www.envirocheck.co.uk



BGS Flood GFS Data

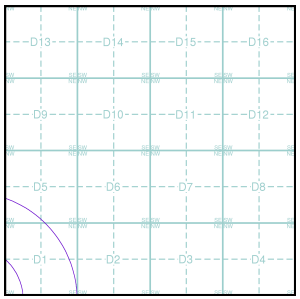
General

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 D



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221240, 654190
Slice:	D
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
287571652_1_1

Customer Reference:
JER9266

National Grid Reference:
221240, 654190

Slice:
D

Site Area (Ha):
54.89

Search Buffer (m):
1000

Site Details:

Site at 219948,653824

Client Details:

Mr G Chapman
RPS Consulting Services Ltd
260 Park Avenue
Aztec West
Almondsbury
Bristol
BS32 4SY

Contents

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.

Report Version v53.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents					
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3				Yes
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability	pg 3	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Source Protection Zones					
River Flood Data (Scotland)				n/a	n/a
OS Water Network Lines	pg 3				11
Waste					
BGS Recorded Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 5	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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 6	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 6				2
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 6	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 6	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 6	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 6	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 6	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 6	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					
Gas Pipelines					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 8		2	1	
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
National Scenic Areas					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 8		1		
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 to Occur at Surface	D1NW (SW)	0	1	221236 654185
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	220600 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	220300 653900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	220650 654000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	220600 653800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	3	1	220650 653750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	10	1	220650 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	36	1	220600 653600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	56	1	220650 653900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	66	1	220700 653900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	67	1	220750 653800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	69	1	220750 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	71	1	220650 653650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	72	1	220750 653750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	97	1	220750 653700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	115	1	220700 653950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	164	1	220700 654000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	177	1	220750 654100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	198	1	220650 654100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	214	1	220700 654050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	219	1	220900 653750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	239	1	220850 653600

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	(SW)	249	1	220900 653650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	260	1	220700 654100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	264	1	220750 653300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	275	1	220950 653700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	281	1	220600 654150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	294	1	220650 654185
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	298	1	220800 653350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	301	1	220550 654185
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	308	1	220700 654150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	312	1	220800 653300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	319	1	220800 653150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	326	1	220800 653250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	329	1	220600 654185
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	346	1	220900 653500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	346	1	220900 653400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	360	1	220900 653300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	361	1	221000 653600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	397	1	220550 654250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	405	1	220450 654300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	406	1	221050 653600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D1SW (S)	417	1	221100 653850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	428	1	221000 653400

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	(S)	436	1	220900 653200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	445	1	220500 654300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	452	1	221150 653700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	456	1	221050 653500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	467	1	221150 653800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	468	1	221150 653750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	484	1	220950 653200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	498	1	221000 653150
	Nearest Surface Water Feature	D1SE (SE)	820	-	221511 654011
	Groundwater Vulnerability Geological Classification: Inland water or sea Soil Classification: Not classified Map Sheet: Sheet 54 Map Of Scotland Scale: 1:625,000	(W)	0	2	220300 654460
	Groundwater Vulnerability Geological Classification: Major or Highly Permeable Aquifer - Highly permeable strata usually with a known or probable presence of significant fracturing Soil Classification: Soils of High Leaching Potential - Soils with little ability to attenuate diffuse source pollutants and in which non-absorbed diffuse source pollutants and liquid discharges will percolate rapidly Map Sheet: Map of Scotland Scale: 1:625,000	(NW)	0	2	220863 654348
	Groundwater Vulnerability Geological Classification: Non or Weakly Permeable Aquifer - These formations with negligible permeability that are generally regarded as containing insignificant quantities of groundwater Soil Classification: Not classified Map Sheet: Map of Scotland Scale: 1:625,000	D1NW (SW)	0	2	221236 654185
	Drift Deposits None				
	River Flood Data (Scotland) None				
1	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 211.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	D1SE (SE)	820	3	221511 654011
2	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 65.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Southannan Burn Catchment Name: North Ayrshire Coastal Primacy: 1	D5SW (NW)	828	3	221044 654524

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 31.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Southannan Burn Catchment Name: North Ayrshire Coastal Primacy: 1	D5SW (NW)	828	3	220981 654538
4	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 566.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Southannan Burn Catchment Name: North Ayrshire Coastal Primacy: 1	D5SW (N)	844	3	221123 654503
5	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 554.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fairlie Burn Catchment Name: North Ayrshire Coastal Primacy: 1	D5SW (N)	893	3	221049 654721
6	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1076.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	D1SE (E)	972	3	221562 654076
7	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	D1SE (E)	974	3	221565 654100
8	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 50.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	D1SE (E)	983	3	221556 654149
9	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 78.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 1	D1SE (E)	983	3	221565 654100
10	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 108.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Southannan Burn Catchment Name: North Ayrshire Coastal Primacy: 1	D1NE (E)	985	3	221539 654175
11	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 54.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: North Ayrshire Coastal Primacy: 2	D1SE (E)	992	3	221556 654149

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: North Ayrshire Council - Has supplied landfill data		0	4	221236 654185

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Stratheden Group	D1NW (SW)	0	1	221236 654185
12	**BGS Recorded Mineral Sites** Site Name: Diamond Hill Location: Fairlie, Largs, Ayrshire Source: British Geological Survey, National Geoscience Information Service Reference: 29133 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous, Permian Geology: Unnamed Plugs And Vents, Carboniferous To Permian Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	D1SW (SE)	731	1	221295 654095
13	**BGS Recorded Mineral Sites** Site Name: Diamond Hill Location: Fairlie, Largs, Ayrshire Source: British Geological Survey, National Geoscience Information Service Reference: 233922 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Devonian Geology: Kelly Burn Sandstone Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	D1SE (E)	993	1	221560 654140
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	D1NW (SW)	0	1	221236 654185
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1NW (W)	0	1	220994 654234
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1NW (SW)	0	1	221236 654185
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1NW (SW)	0	1	221236 654185
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D1NW (W)	0	1	220994 654234
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1NW (SW)	0	1	221236 654185
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1NW (W)	0	1	220987 654269
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D1NW (W)	100	1	221134 654211
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1SW (SW)	249	1	221147 654020
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1NW (SW)	0	1	221236 654185
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1SW (W)	0	1	221024 654139
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1NW (SW)	0	1	221236 654185

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	D1NW (SW)	0	1	221236 654185
	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	D1NW (SW)	0	1	221236 654185

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Ancient Woodland** Name: Not Supplied Reference: 25346 Area(m²): 29064.83 Type: Ancient Woodland with a short-break in continuity	D1SW (SW)	120	5	220965 654052
15	**Ancient Woodland** Name: Not Supplied Reference: 25349 Area(m²): 133425.69 Type: Ancient and Semi-Natural Woodland	(SW)	224	5	220716 653369
16	**Ancient Woodland** Name: Not Supplied Reference: 25345 Area(m²): 41536.75 Type: Ancient Woodland of Plantation Origin	D1NW (W)	283	5	221046 654199
17	**Sites of Special Scientific Interest** Name: Southannan Sands Multiple Areas: Y Total Area (m2): 2554680.4400000004 Source: NatureScot Reference: 10261 Designation Details: Biological Designation Date: 20th March 2013 Date Type: Designated	(W)	34	5	220759 654200

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Scottish Environment Protection Agency - Head Office	June 2020	Annually
North Ayrshire Council	October 2017	Annual Rolling Update
Discharge Consents		
Scottish Environment Protection Agency - West Region	April 2002	Annually
Enforcement and Prohibition Notices		
Scottish Environment Protection Agency - West Region	March 2013	
Integrated Pollution Controls		
Scottish Environment Protection Agency - Head Office	February 1998	
Scottish Environment Protection Agency - West Region	March 2002	
Local Authority Pollution Prevention and Controls		
Scottish Environment Protection Agency - West Region	March 2002	Not Applicable
Local Authority Pollution Prevention and Control Enforcements		
Scottish Environment Protection Agency - West Region	January 1998	Variable
Nearest Surface Water Feature		
Ordnance Survey	August 2021	
Prosecutions Relating to Authorised Processes		
Scottish Environment Protection Agency - West Region	March 2013	
Prosecutions Relating to Controlled Waters		
Scottish Environment Protection Agency - West Region	March 2013	
Registered Radioactive Substances		
Scottish Environment Protection Agency - West Region	April 1996	Annually
Scottish Environment Protection Agency - Head Office	January 1998	Annually
River Quality		
Scottish Environment Protection Agency - Head Office	December 1990	Not Applicable
Scottish Environment Protection Agency - West Region	December 1990	Not Applicable
Water Abstractions		
Scottish Government - Agriculture, Environment and Fisheries Department	February 2004	Annually
Water Industry Act Referrals		
Scottish Environment Protection Agency - West Region	April 1996	As Designated
Groundwater Vulnerability		
Scottish Environment Protection Agency - West Region	December 1995	Not Applicable
Scottish Environment Protection Agency - Head Office	December 1995	
Drift Deposits		
Scottish Environment Protection Agency - Head Office	December 1995	Not Applicable
Scottish Environment Protection Agency - West Region	December 1995	Not Applicable
OS Water Network Lines		
Ordnance Survey	July 2021	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	November 2002	Not Applicable
Integrated Pollution Control Registered Waste Sites		
Scottish Environment Protection Agency - Head Office	March 2002	Not Applicable
Scottish Environment Protection Agency - West Region	March 2002	Not Applicable
Local Authority Landfill Coverage		
North Ayrshire Council	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
North Ayrshire Council	October 2018	
Registered Landfill Sites		
Scottish Environment Protection Agency - Head Office	March 2006	Not Applicable
Scottish Environment Protection Agency - West Region	March 2006	Not Applicable
Registered Waste Transfer Sites		
Scottish Environment Protection Agency - Head Office	April 2018	
Scottish Environment Protection Agency - West Region	April 2018	
Registered Waste Treatment or Disposal Sites		
Scottish Environment Protection Agency - Head Office	June 2015	
Scottish Environment Protection Agency - West Region	June 2015	
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	August 2001	
Planning Hazardous Substance Enforcements		
North Ayrshire Council - Planning Department	February 2016	Variable
Planning Hazardous Substance Consents		
North Ayrshire Council - Planning Department	February 2016	Variable

Data Currency

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	November 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	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	October 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	October 2021	Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland NatureScot	September 2017	Bi-Annually
Areas of Adopted Green Belt North Ayrshire Council	October 2020	Quarterly
Areas of Unadopted Green Belt North Ayrshire Council	October 2020	Quarterly
Environmentally Sensitive Areas Scottish Government	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves North Ayrshire Council	February 2018	Bi-Annually
Marine Nature Reserves NatureScot	July 2019	Bi-Annually
National Nature Reserves NatureScot	June 2019	Bi-Annually
National Parks Scottish Government	February 2018	Bi-Annually
National Scenic Areas Scottish Government	February 2018	Bi-Annually
Nitrate Vulnerable Zones Scottish Government	July 2019	Annually
Ramsar Sites NatureScot	April 2019	Bi-Annually
Sites of Special Scientific Interest NatureScot	March 2019	Bi-Annually
Special Areas of Conservation NatureScot	August 2020	Bi-Annually
Special Protection Areas NatureScot	February 2021	Bi-Annually

Data Suppliers

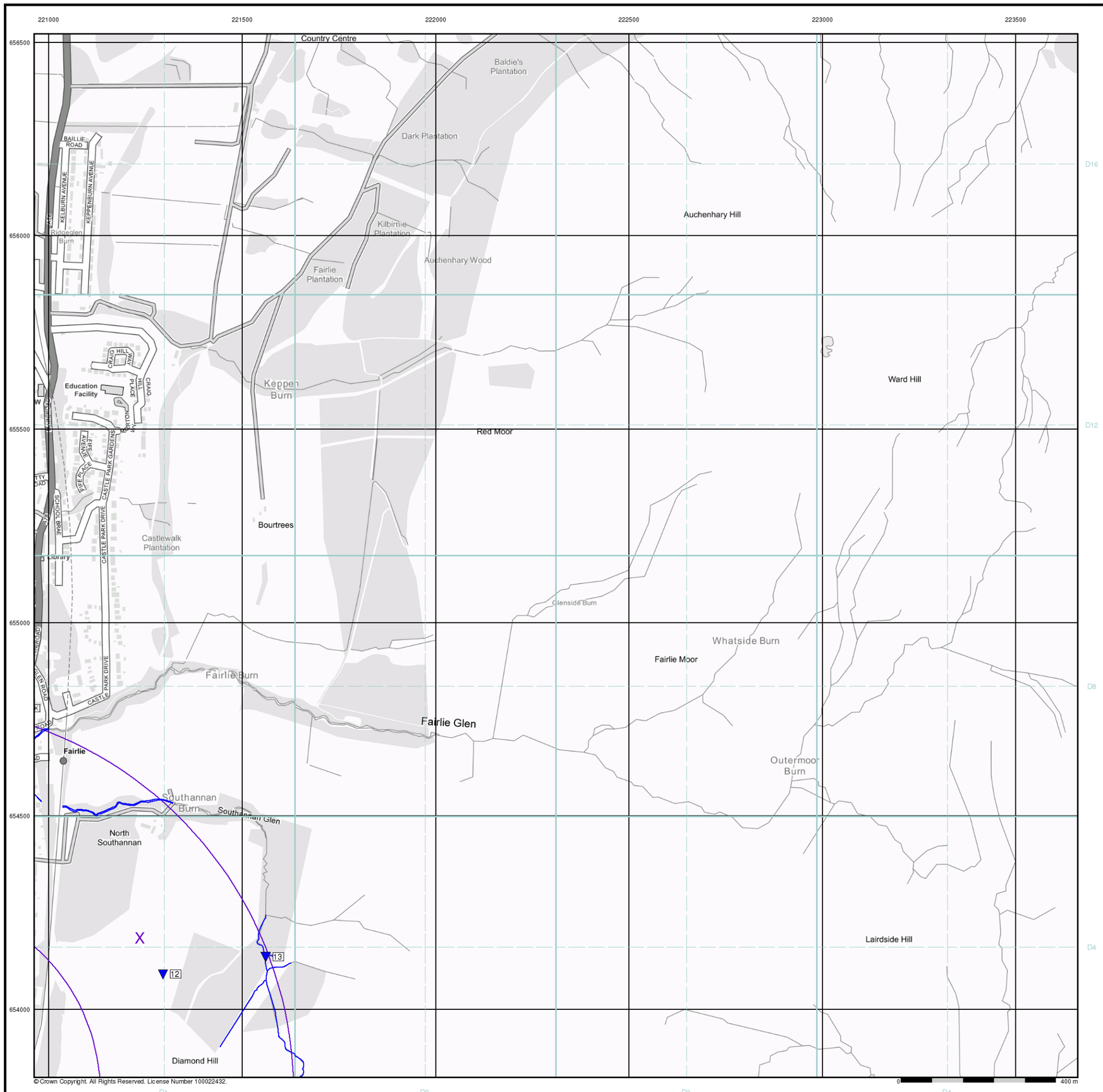
A selection of organisations who provide data within this report

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

Useful Contacts

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	**Scottish Environment Protection Agency - Head Office** Erskine Court, The Castle Business Park, Stirling, Stirlingshire, FK9 4TR	Telephone: 01786 457700 Fax: 01786 446885
3	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
4	**North Ayrshire Council** Cunninghame House, Friars Croft, Irvine, Ayrshire, KA12 8EE	Telephone: 01294 324100 Fax: 01294 324344 Website: www.north-ayrshire.gov.uk
5	**NatureScot** Great Glen House, Leachkin Road, Inverness, IV3 8NW	Telephone: 01463 725000 Email: enquiries@nature.scot Website: www.nature.scot
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- 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
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- Integrated Pollution Control Registered Waste Site
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

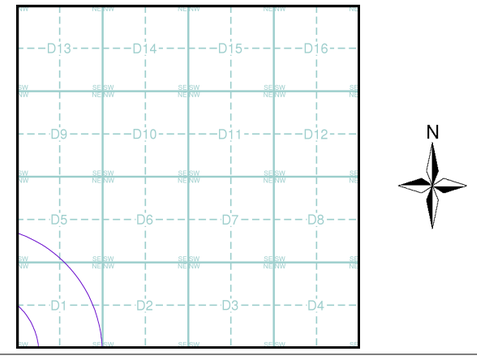
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Site Sensitivity Map - Slice D



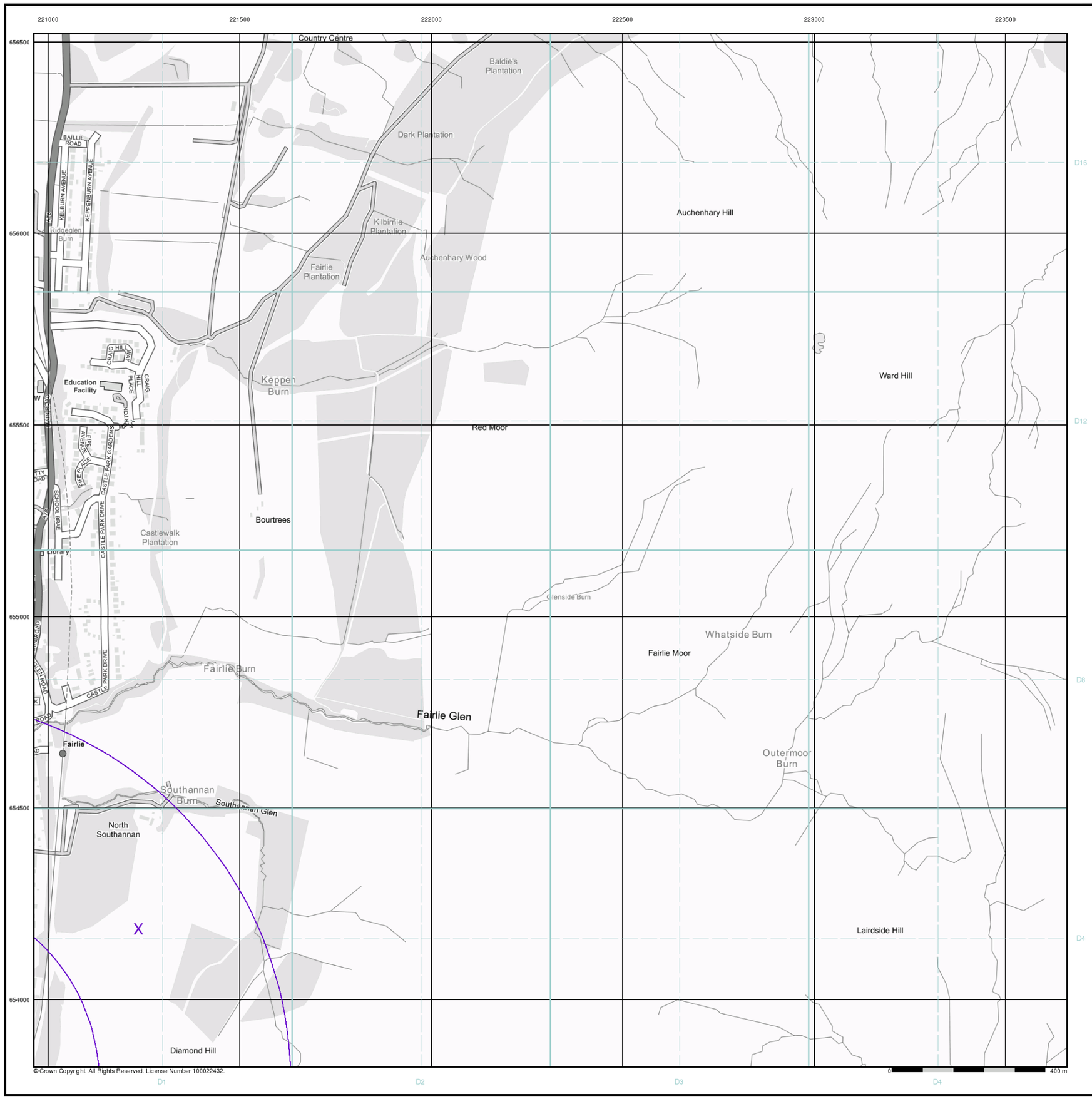
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221240, 654190
Slice:	D
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



Industrial Land Use Map

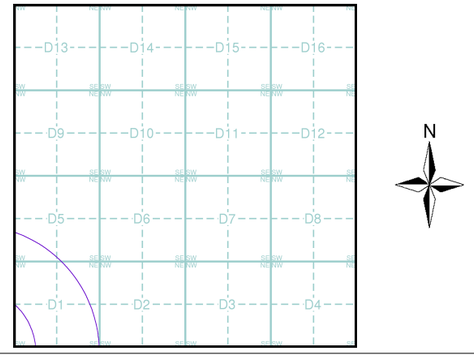
General

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 D



Order Details

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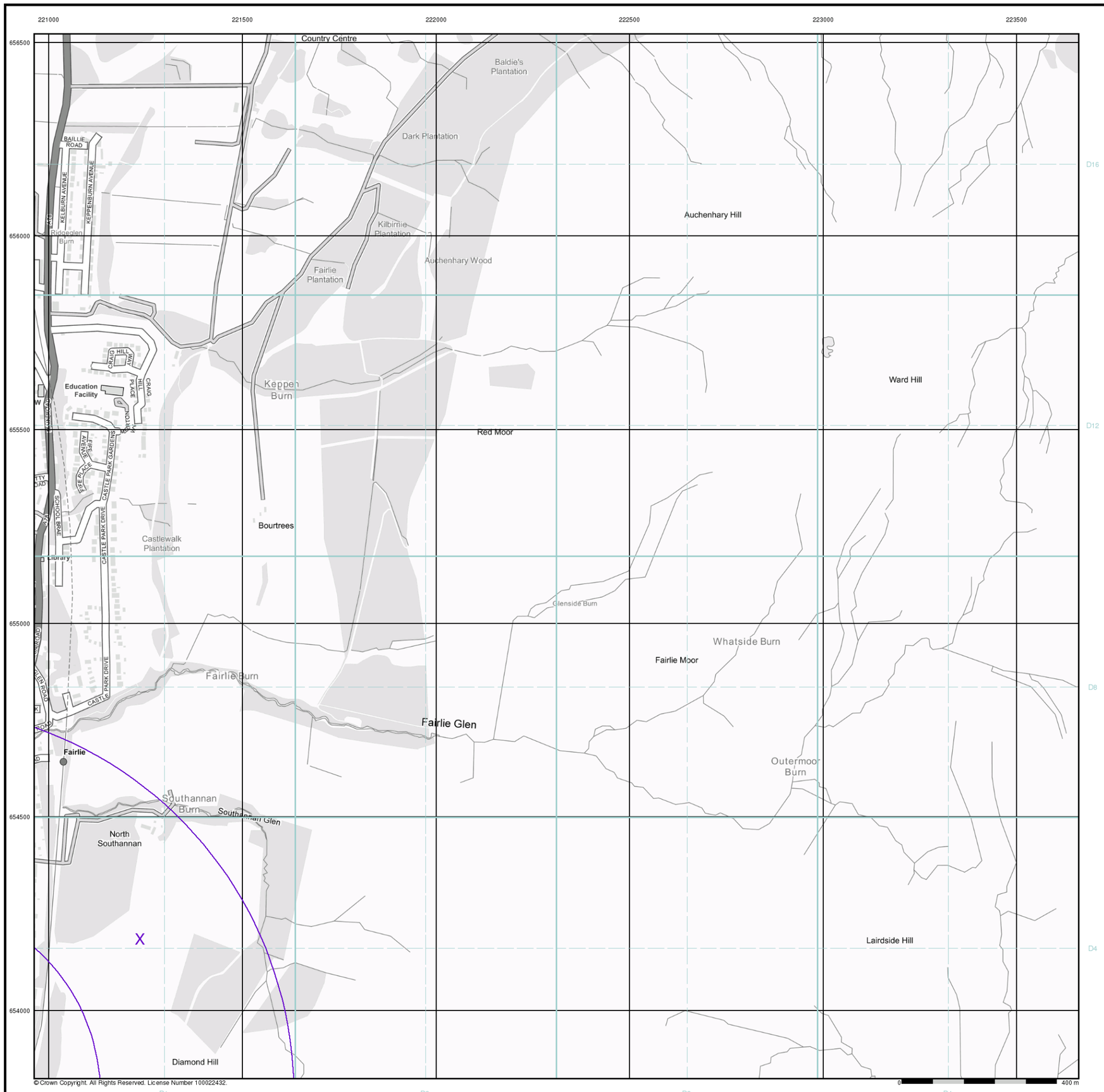


General

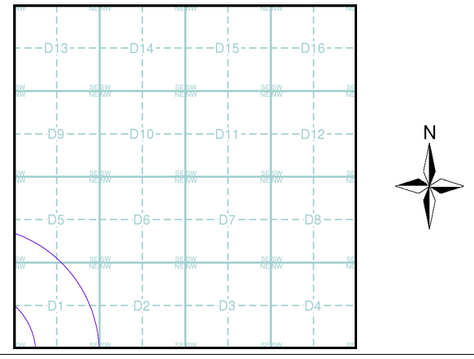
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Agency and Hydrological (Flood)

- 0 - 1m estimated 100yr flood depth
- 1 - 2m estimated 100yr flood depth
- Over 2m estimated 100yr flood depth

The flooded areas have been generated using a generalised technique and should not, by themselves, be used to infer that specific areas are or are not at risk of inundation. Flood risk at any specific location may be influenced by local factors - not least flood defence - that have not been taken into account.

Flood Map - Slice D



Order Details

Order Number:	287571652_1_1
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National Grid Reference:	221240, 654190
Slice:	D
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

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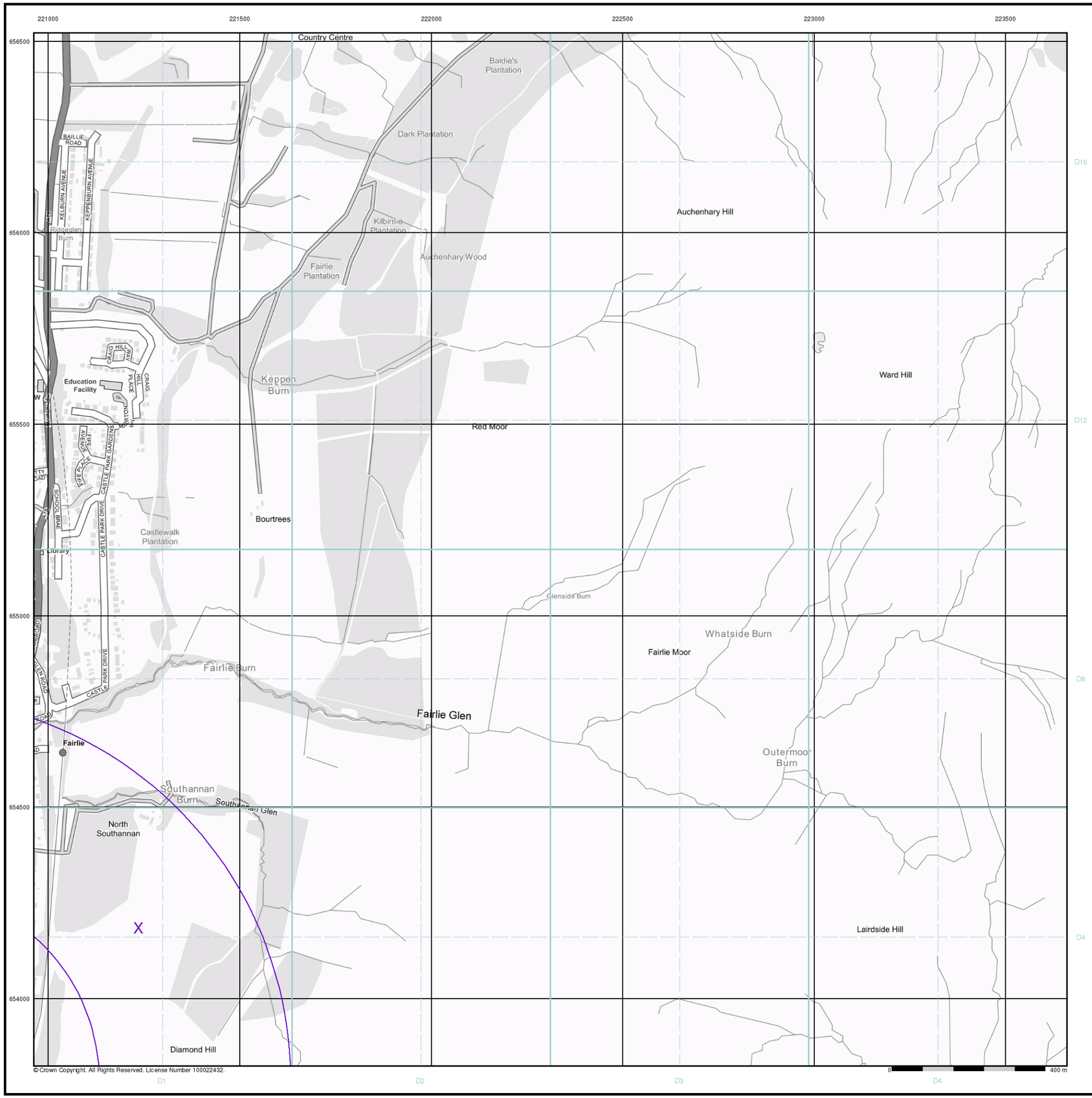


General

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

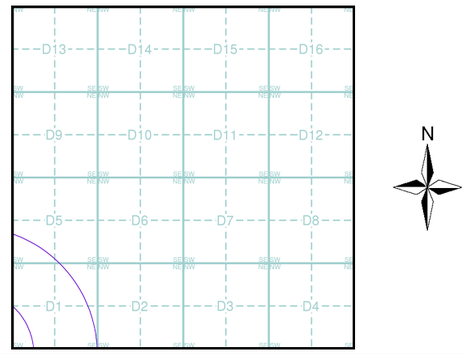
Agency and Hydrological (Boreholes)

- 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 D



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221240, 654190
Slice:	D
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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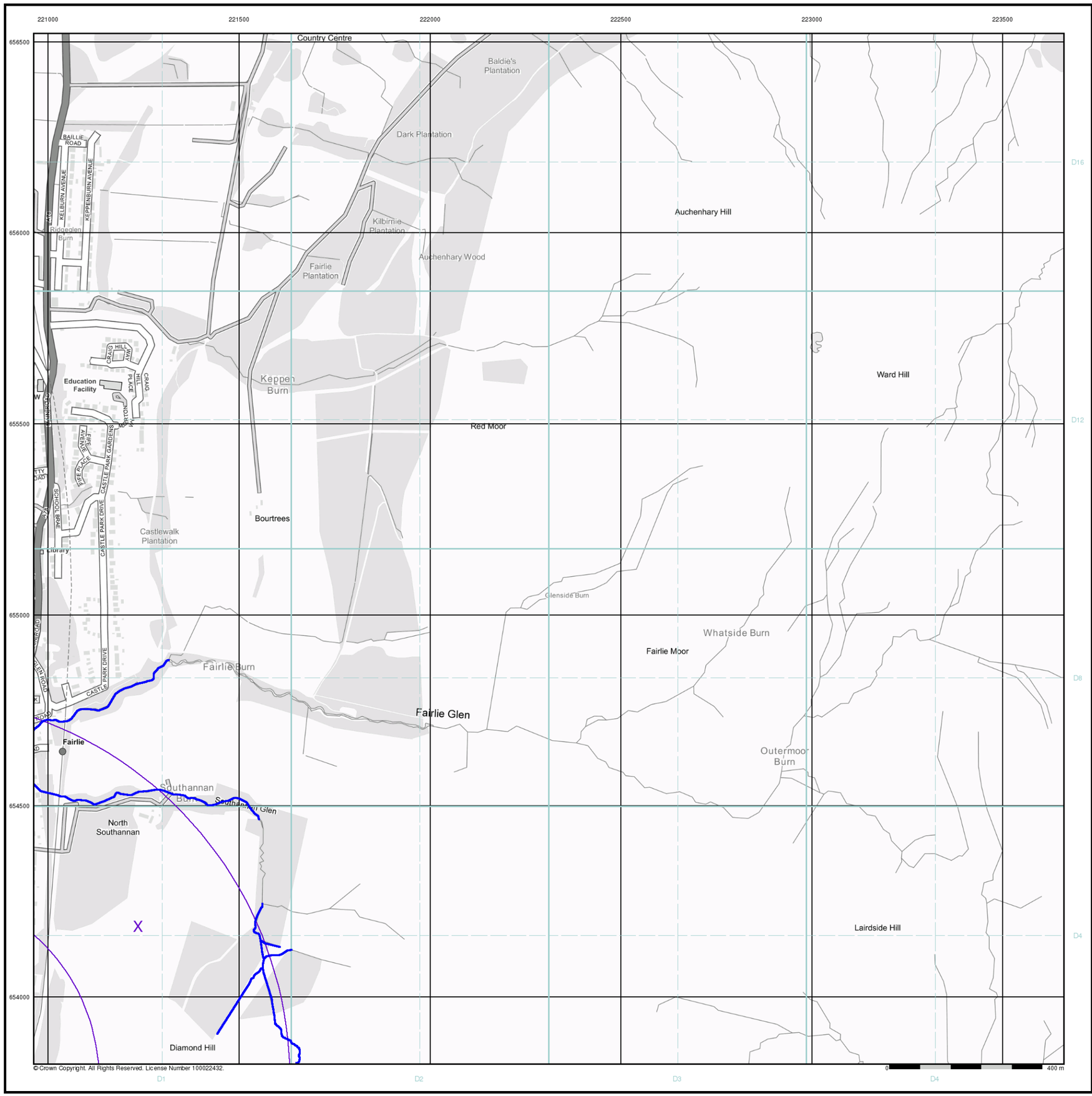


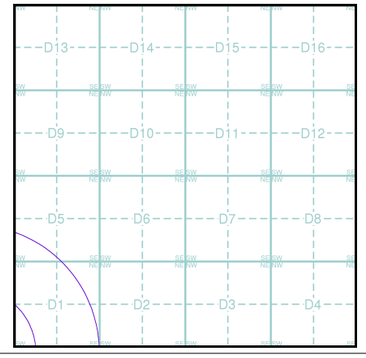
General

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

OS Water Network Data

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

OS Water Network Map - Slice D



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221240, 654190
Slice:	D
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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Web: www.envirocheck.co.uk

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit
Sand Pit
Other Pits
Quarry
Shingle
Orchard
Osiers
Reeds
Marsh
Mixed Wood
Deciduous
Brushwood
Fir
Furze
Rough Pasture
Arrow denotes flow of water
Trigonometrical Station
Site of Antiquities
Bench Mark
Pump, Guide Post, Signal Post
Well, Spring, Boundary Post
285 Surface Level
Sketched Contour
Instrumental Contour
Main Roads
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
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
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. 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
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Pylon
Electricity Transmission Line
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
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

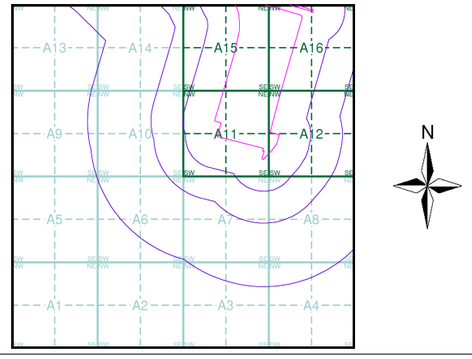
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Mud
Sand
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or 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)
BM 123.45 m 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

rps

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Ayrshire	1:10,560	1857	2
Argyllshire	1:10,560	1869	3
Argyllshire	1:10,560	1897	4
Ayrshire	1:10,560	1897	5
Ayrshire	1:10,560	1911 - 1912	6
Argyllshire	1:10,560	1938	7
Ordnance Survey Plan	1:10,000	1957 - 1958	8
Ordnance Survey Plan	1:10,000	1970	9
Ordnance Survey Plan	1:10,000	1980 - 1987	10
10K Raster Mapping	1:10,000	2001	11
Street View	Variable		12

Historical Map - Slice A



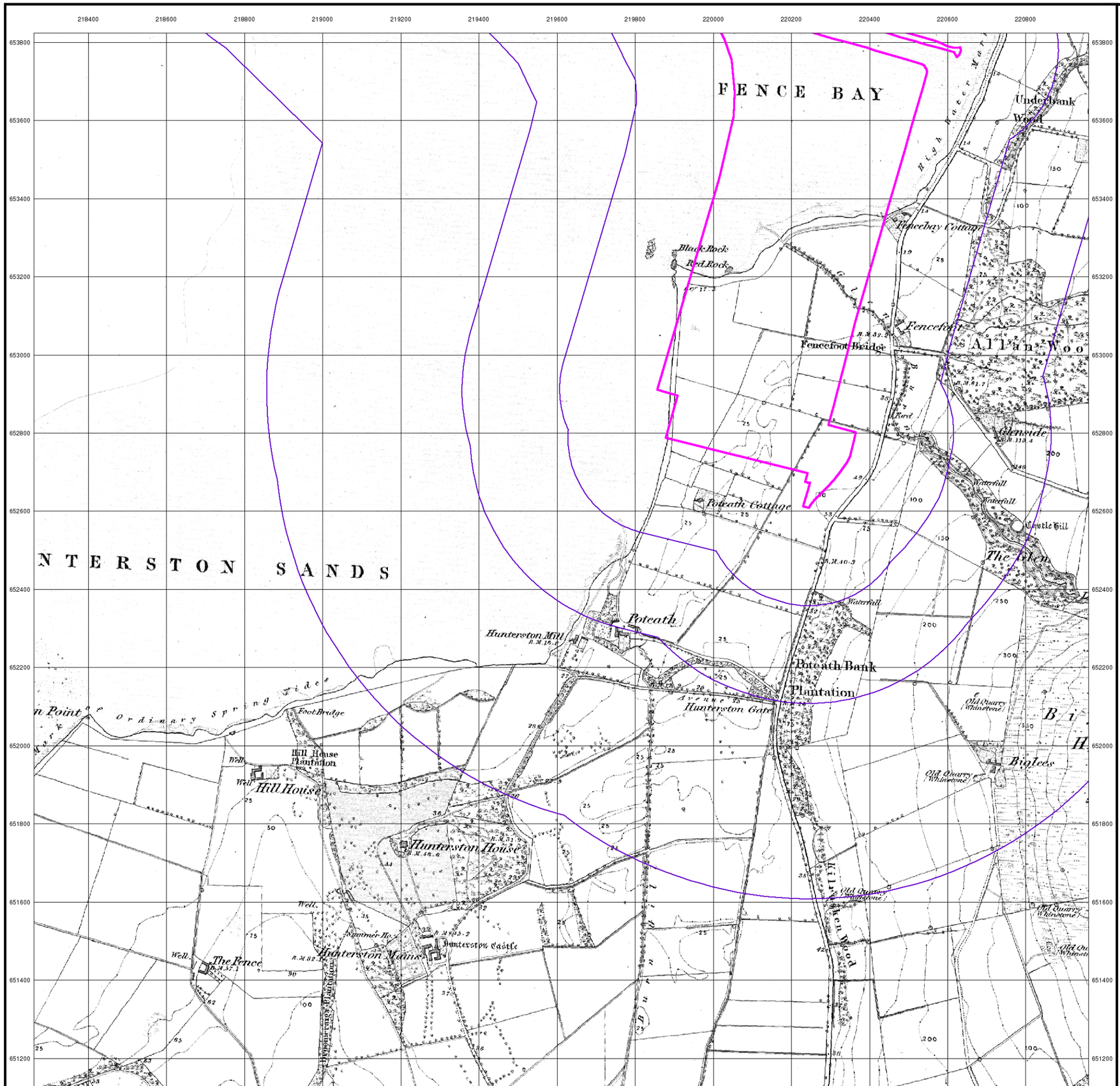
Order Details

Order Number: 287571652_1_1
Customer Ref: JER9266
National Grid Reference: 219970, 652810
Slice: A
Site Area (Ha): 54.89
Search Buffer (m): 1000

Site Details

Site at 219948,653824

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



Ayrshire

Published 1857

Source map scale - 1:10,560

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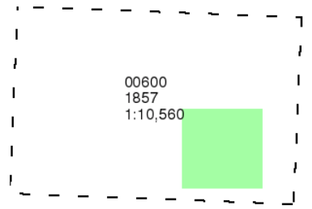
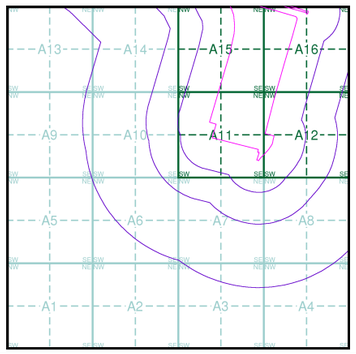
Map Name(s) and Date(s)



Historical Map - Slice A



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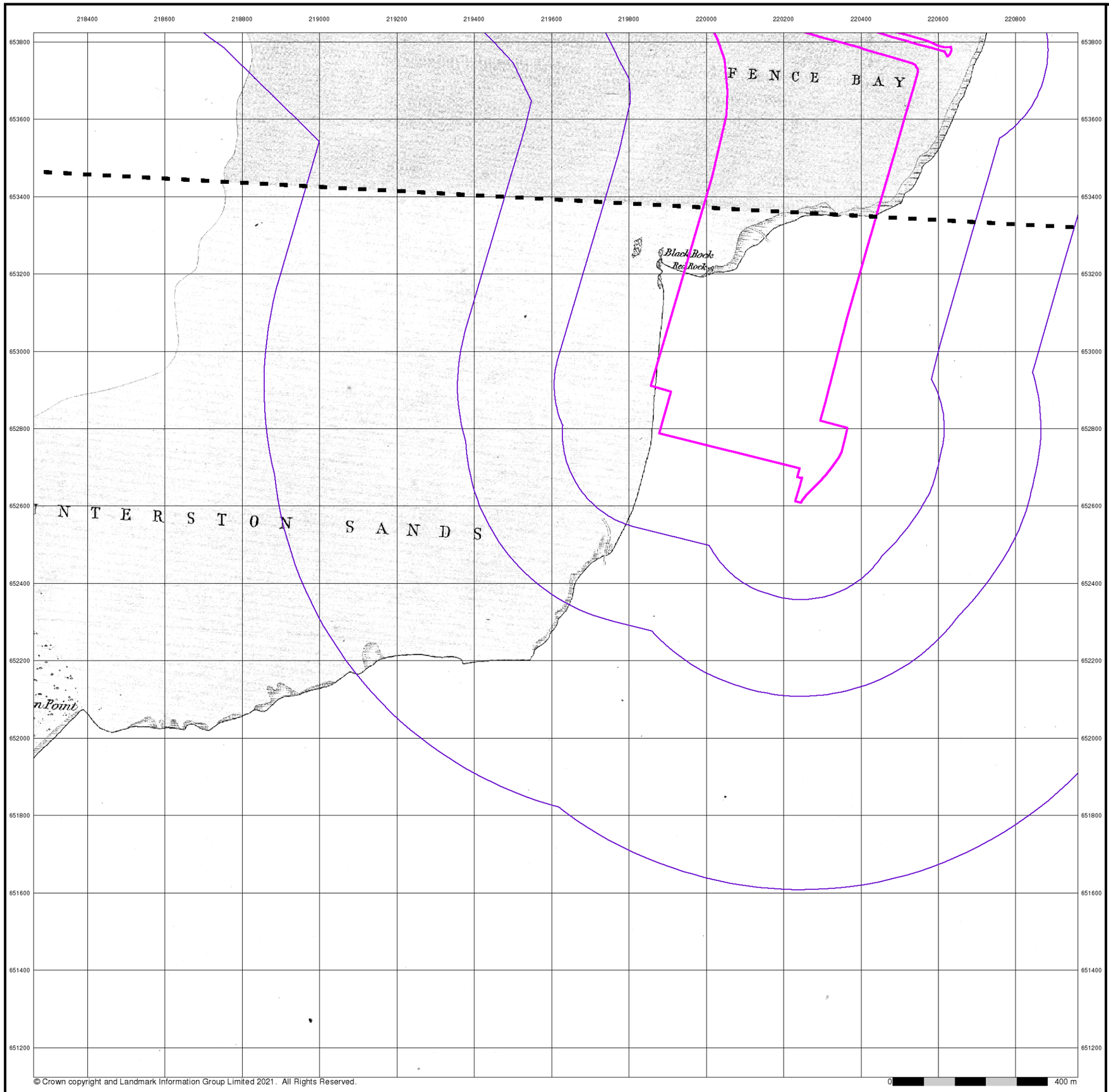

Argyllshire

Published 1869

Source map scale - 1:10,560

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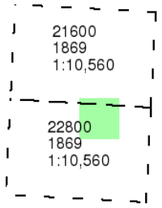
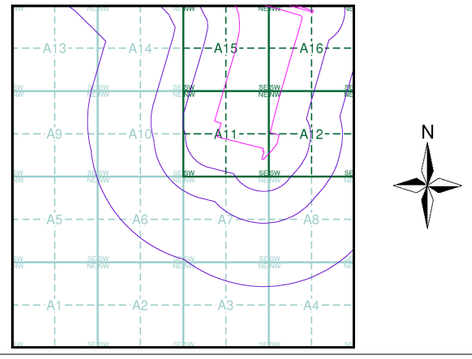
Map Name(s) and Date(s)



Historical Map - Slice A



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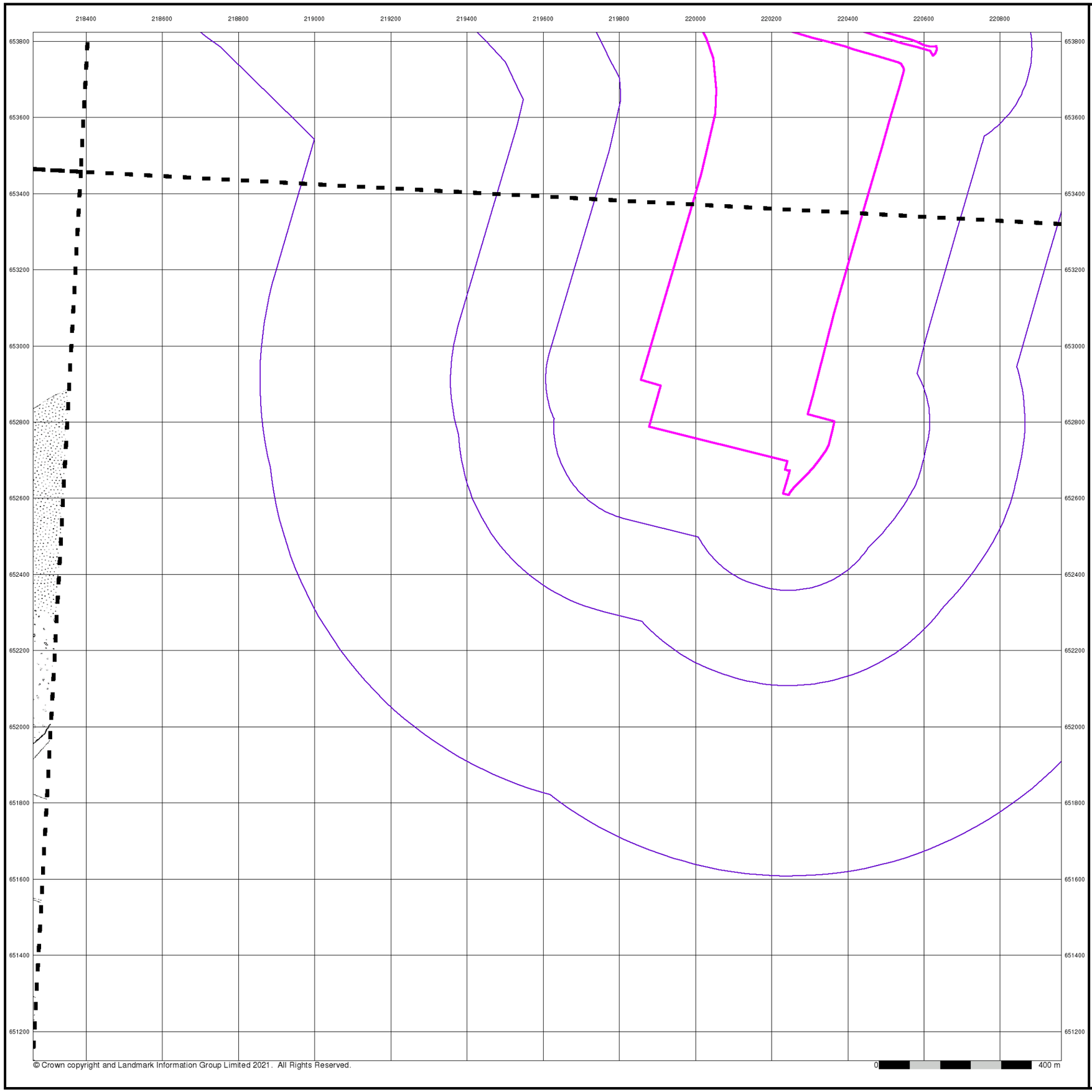

0 400 m

Argyllshire

Published 1897

Source map scale - 1:10,560

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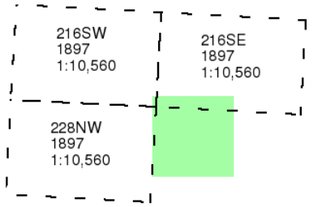
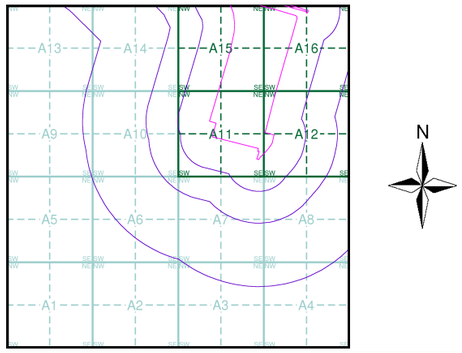


Historical Map - Slice A



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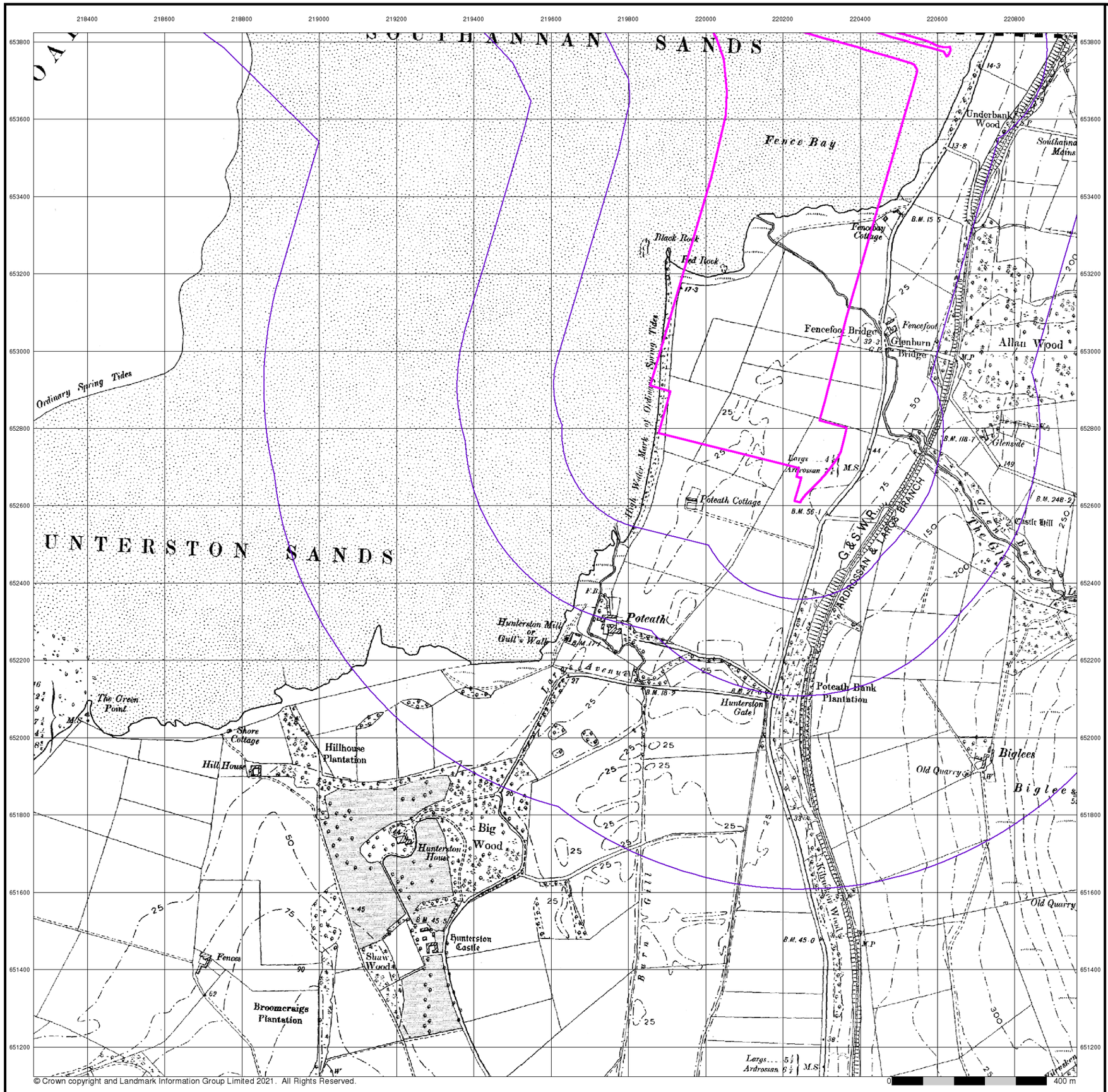

Ayrshire

Published 1897

Source map scale - 1:10,560

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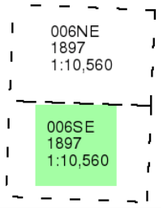
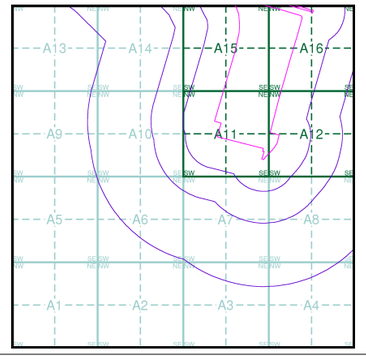


Historical Map - Slice A



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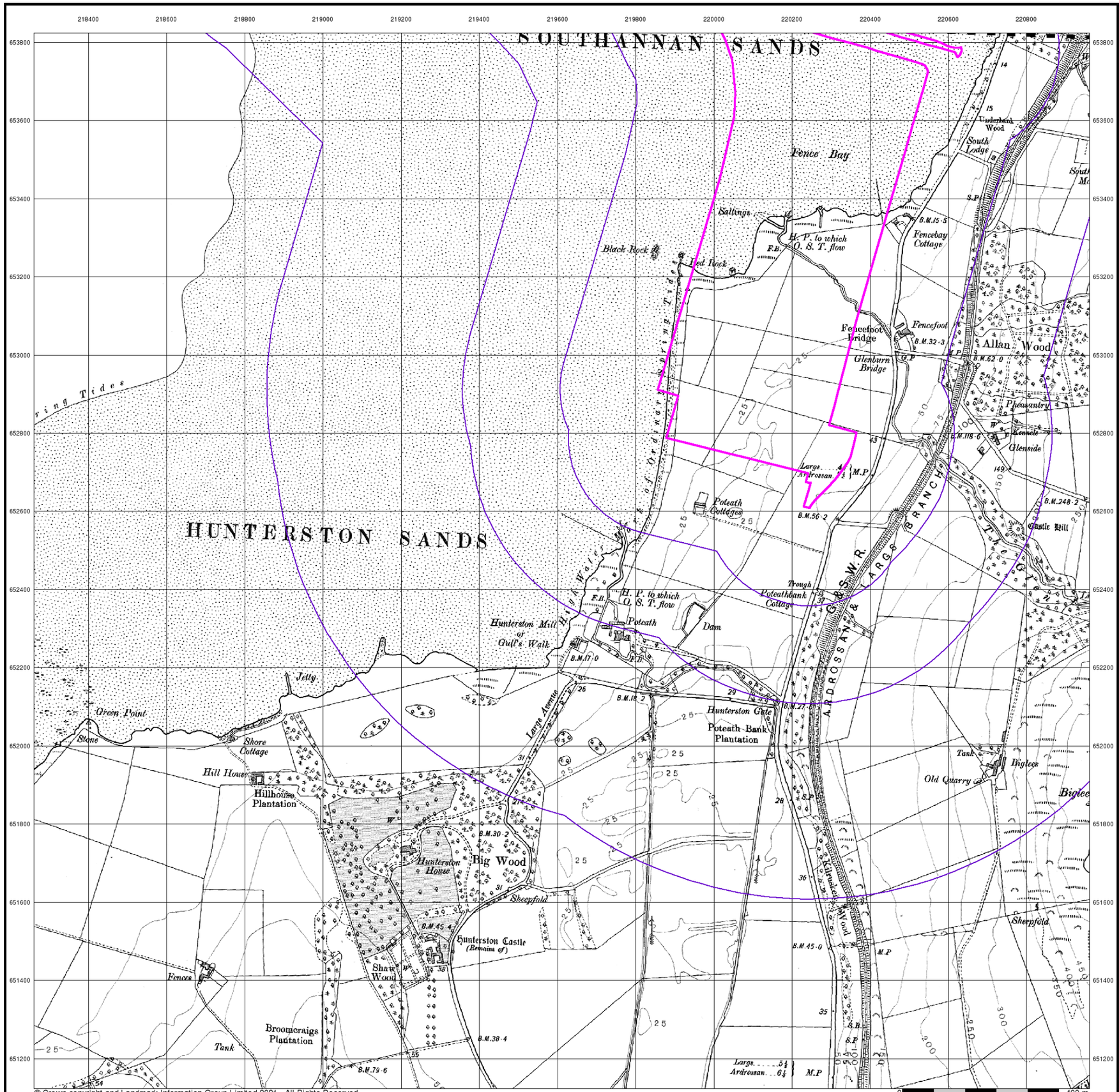

Ayrshire

Published 1911 - 1912

Source map scale - 1:10,560

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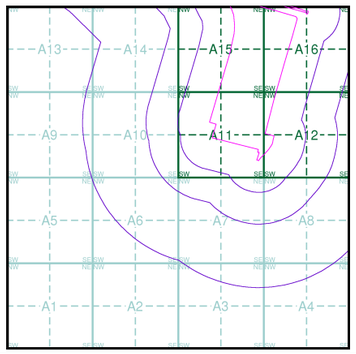
Map Name(s) and Date(s)

006NE
1912
1:10,560

006SE
1911
1:10,560

Historical Map - Slice A



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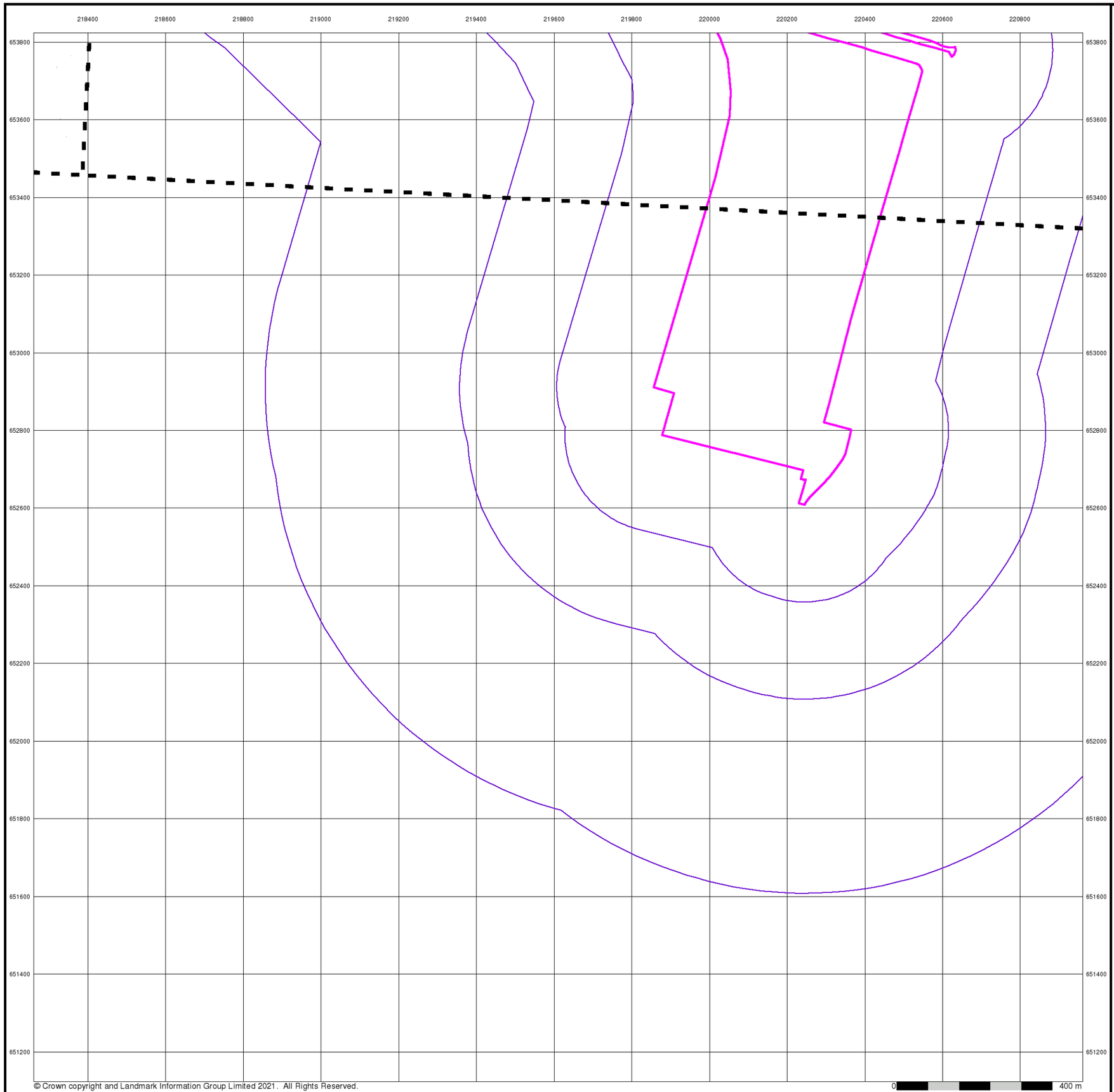

Argyllshire

Published 1938

Source map scale - 1:10,560

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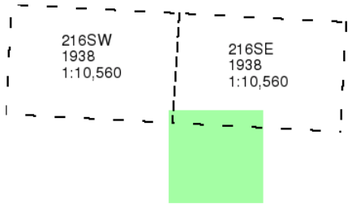
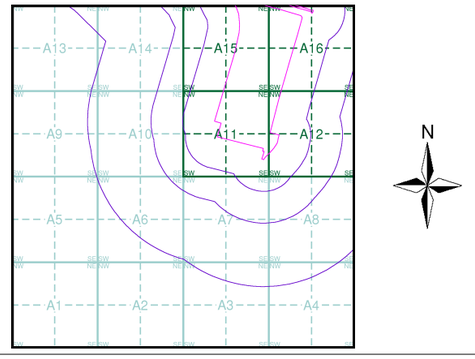


Historical Map - Slice A



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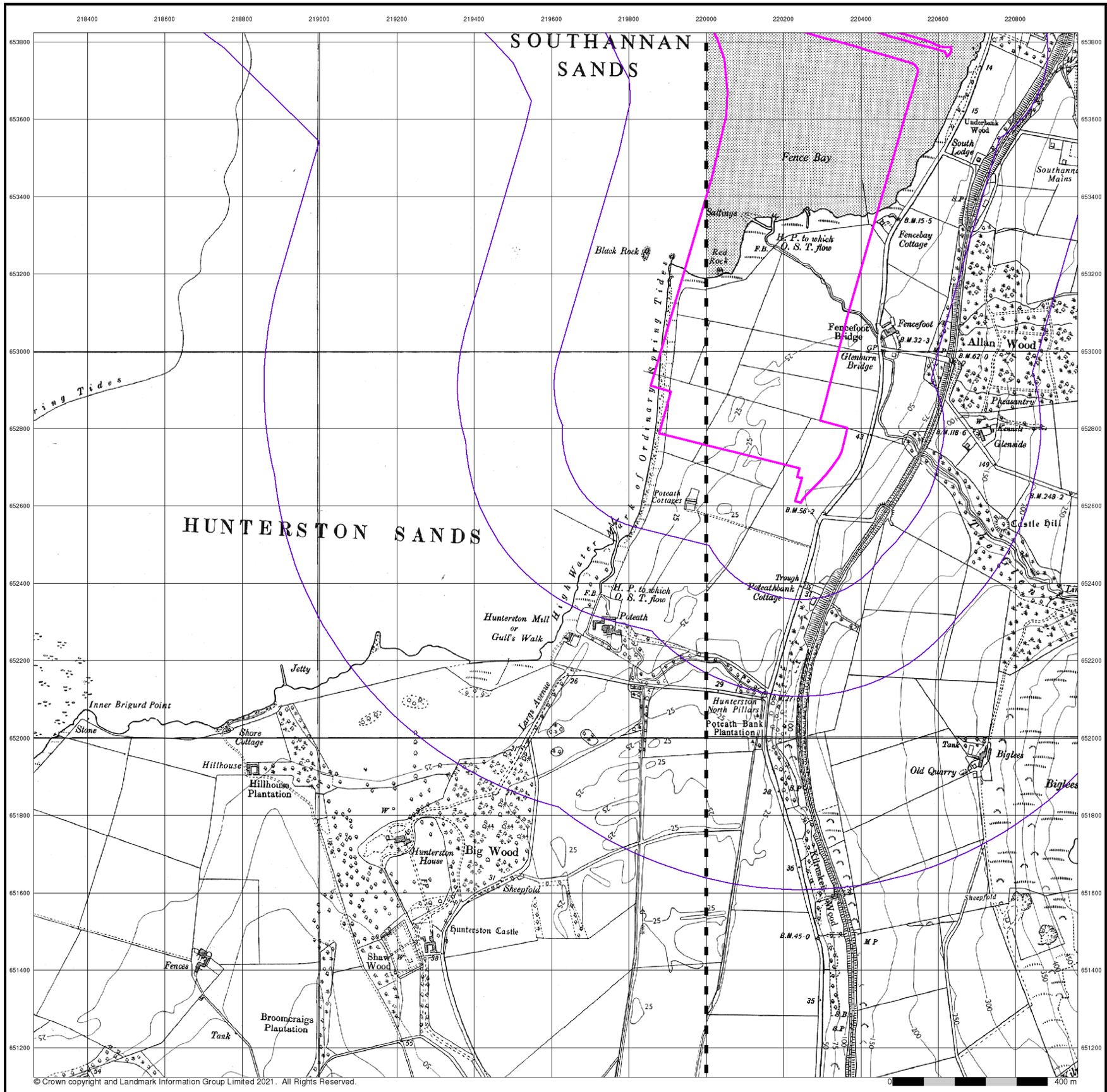

Ordnance Survey Plan

Published 1957 - 1958

Source map scale - 1:10,000

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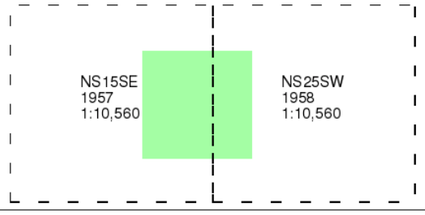
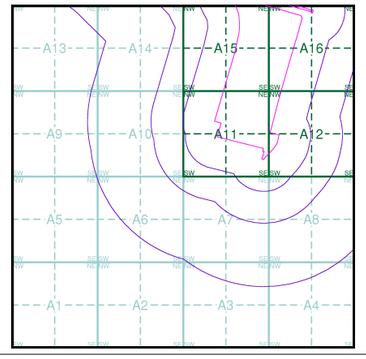
Map Name(s) and Date(s)



Historical Map - Slice A



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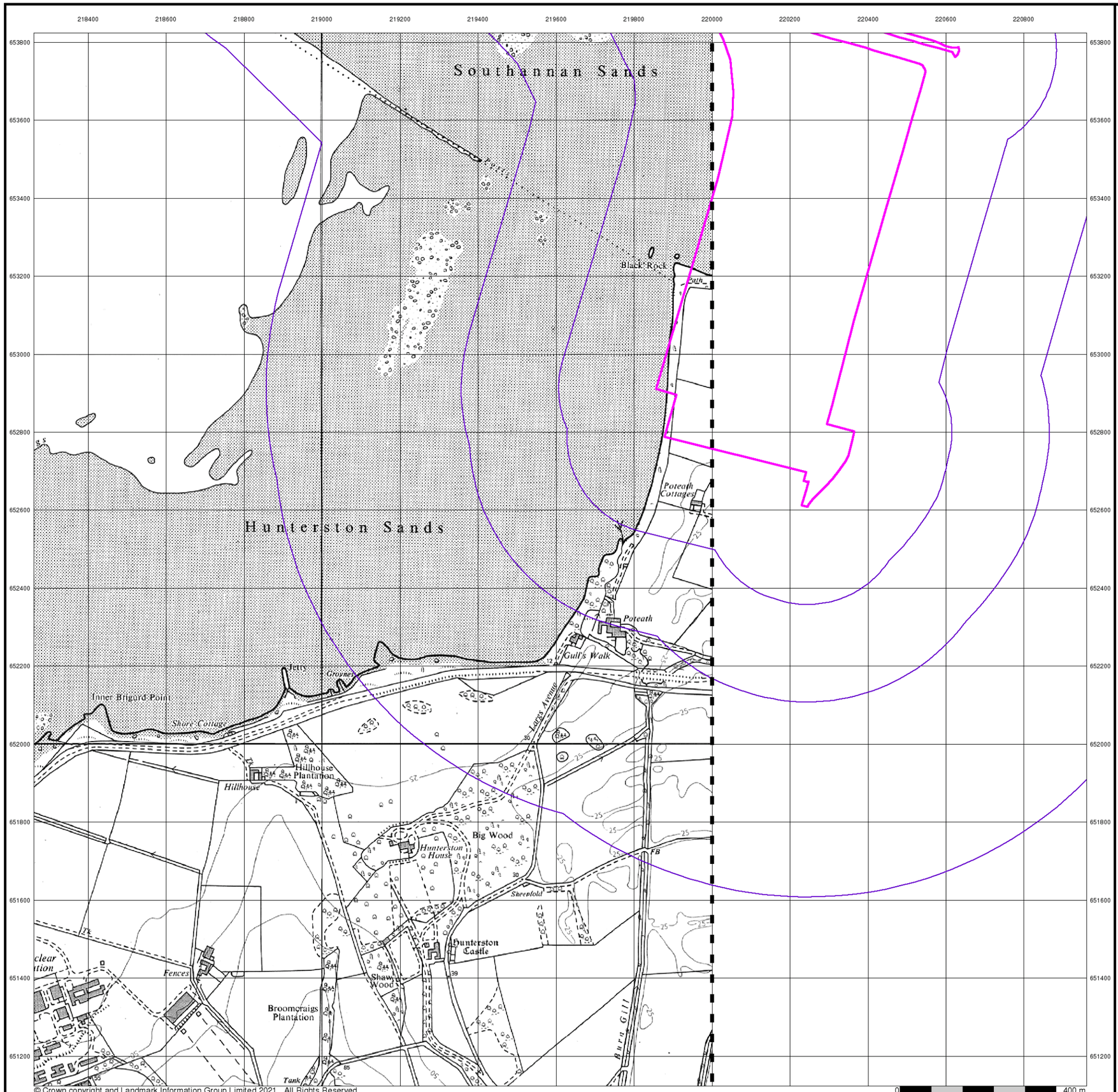

Ordnance Survey Plan

Published 1970

Source map scale - 1:10,000

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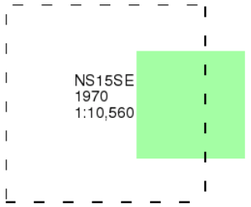
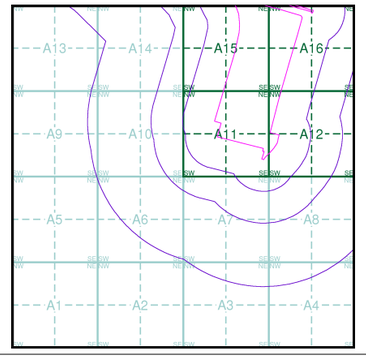


Historical Map - Slice A



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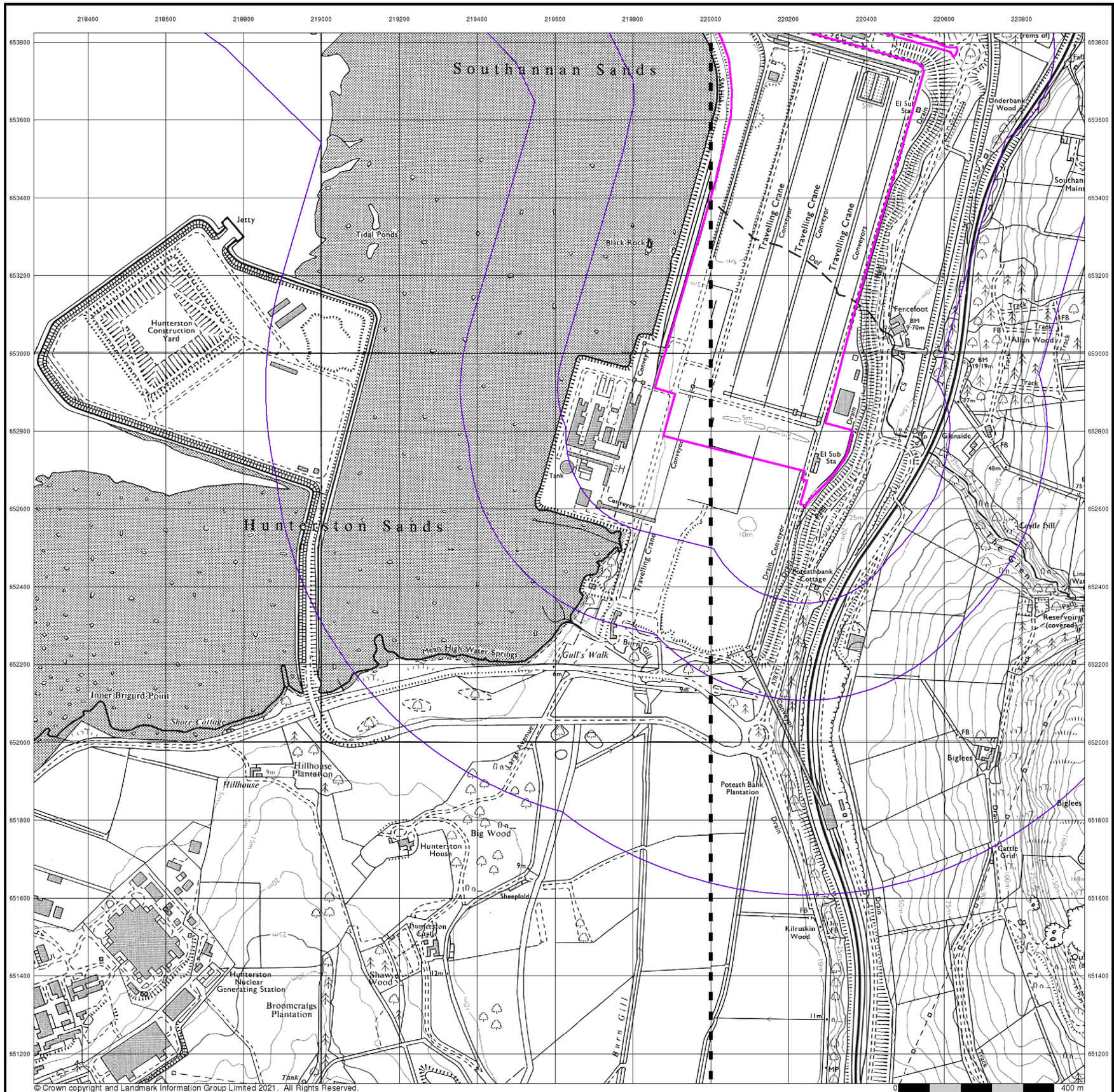

Ordnance Survey Plan

Published 1980 - 1987

Source map scale - 1:10,000

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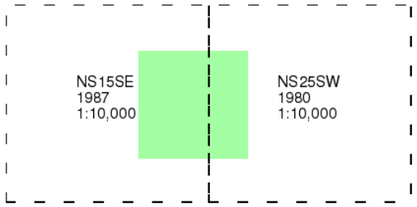
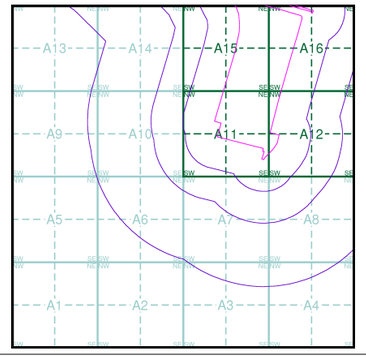
Map Name(s) and Date(s)



Historical Map - Slice A



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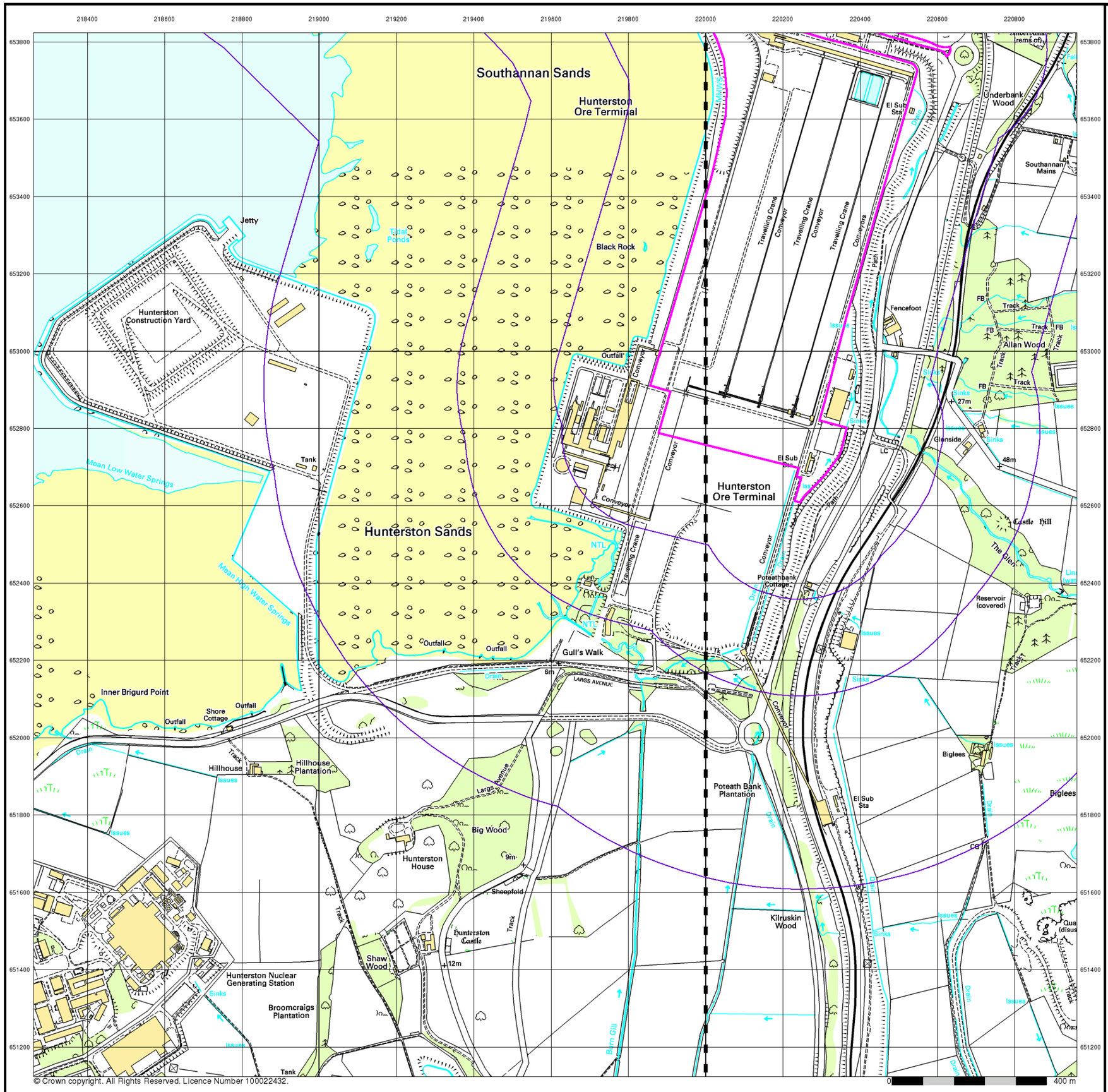


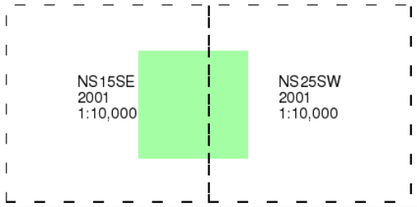
10k Raster Mapping

Published 2001

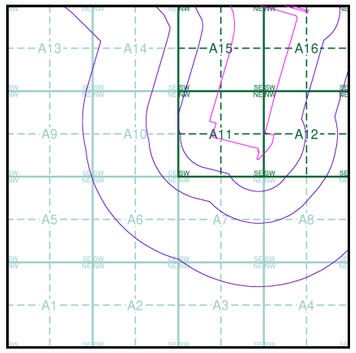
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



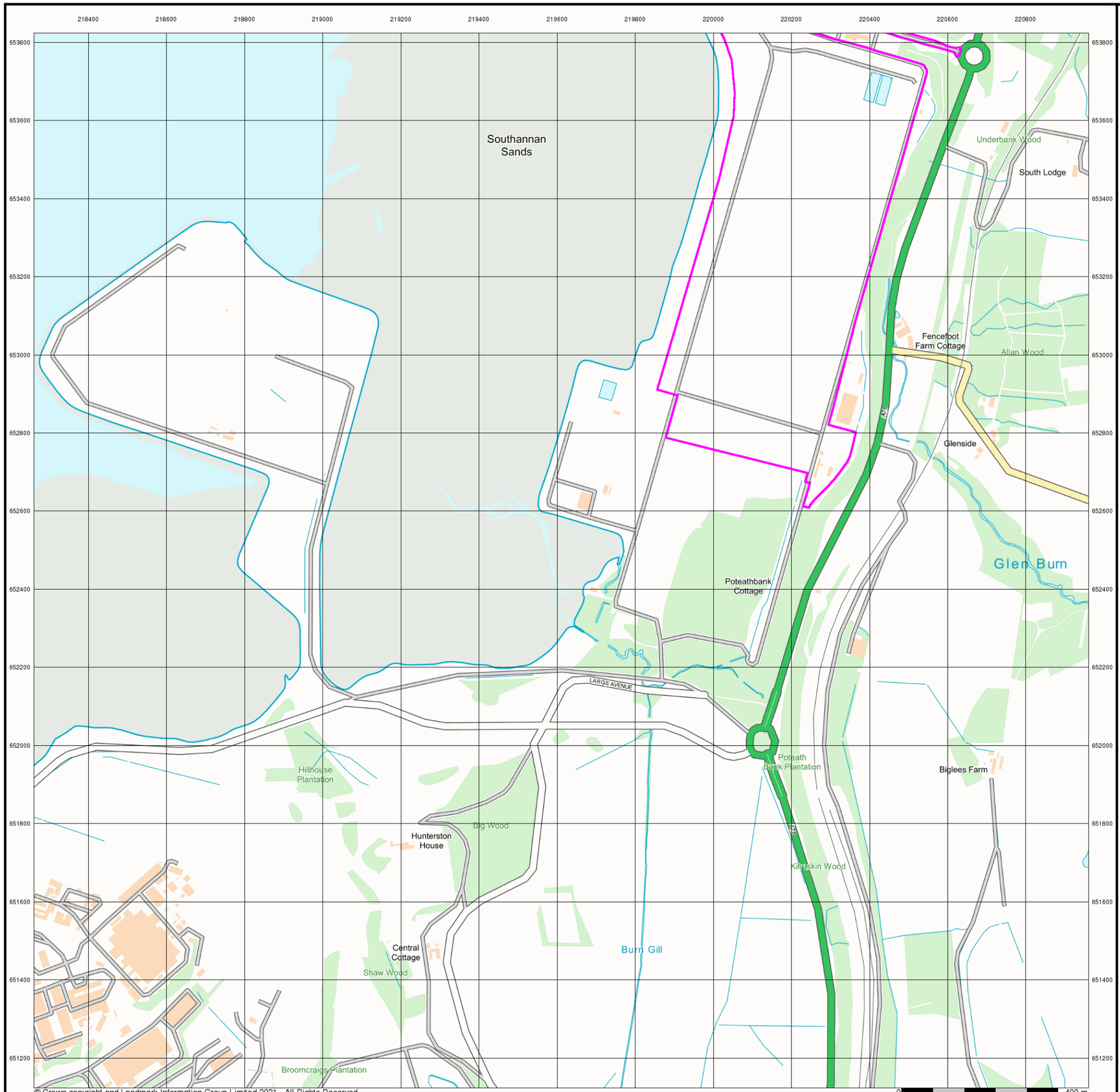
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



Street View

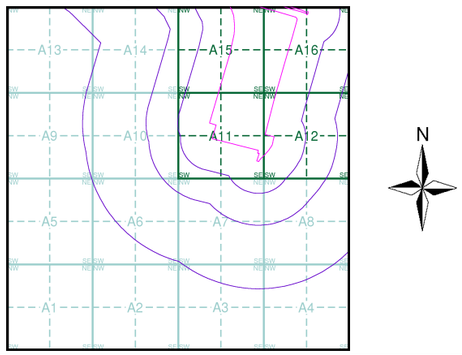
Published 2021

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

Street View Map - Slice A



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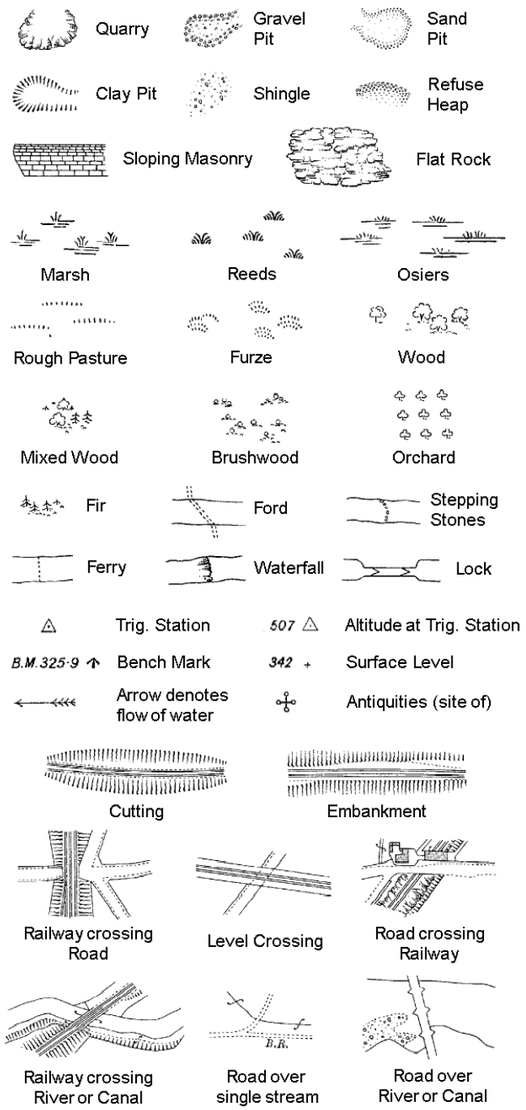
Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

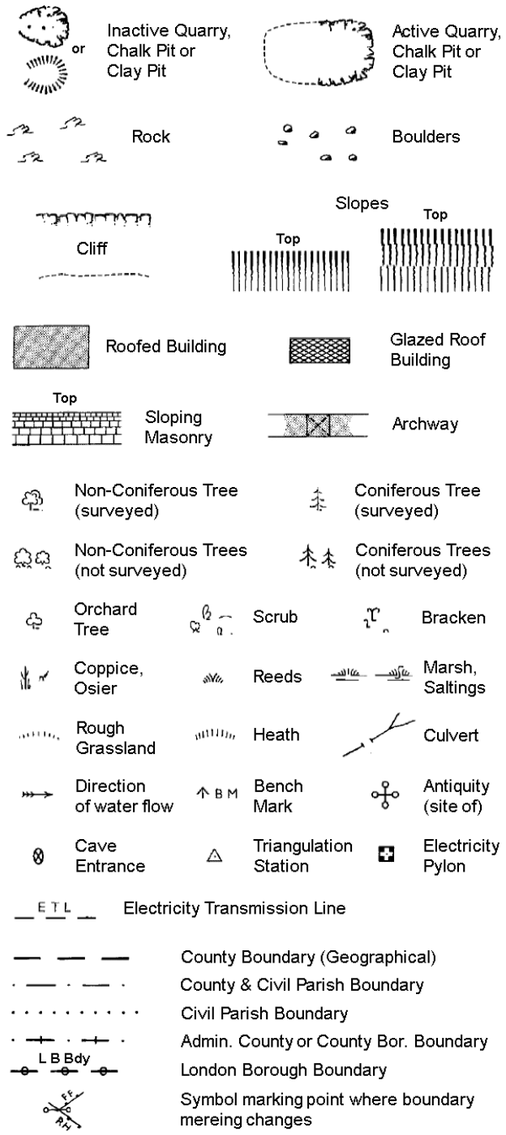
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

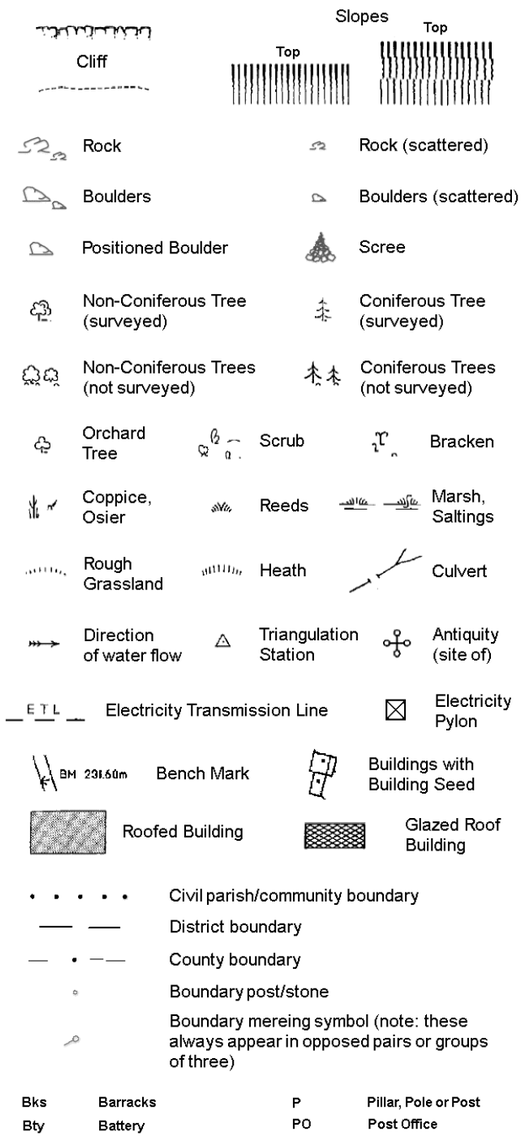
Admin. County or County Bor. Boundary

L B Bdy 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
El 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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

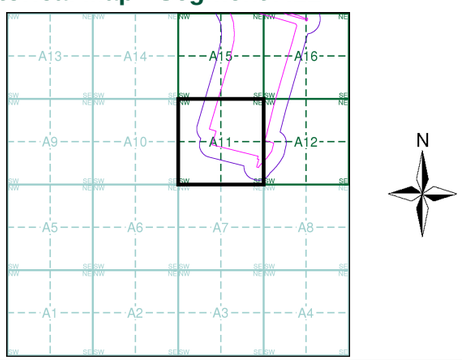
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

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
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El 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 Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Ayrshire	1:2,500	1856	2
Ayrshire	1:2,500	1897	3
Ayrshire	1:2,500	1910	4
Ordnance Survey Plan	1:2,500	1966 - 1967	5
Additional SIMs	1:2,500	1979	6
Ordnance Survey Plan	1:2,500	1980 - 1981	7
Ordnance Survey Plan	1:2,500	1983	8
Large-Scale National Grid Data	1:2,500	1994 - 1995	9

Historical Map - Segment A11



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

Landmark INFORMATION GROUP

Tel: 0844 844 9952
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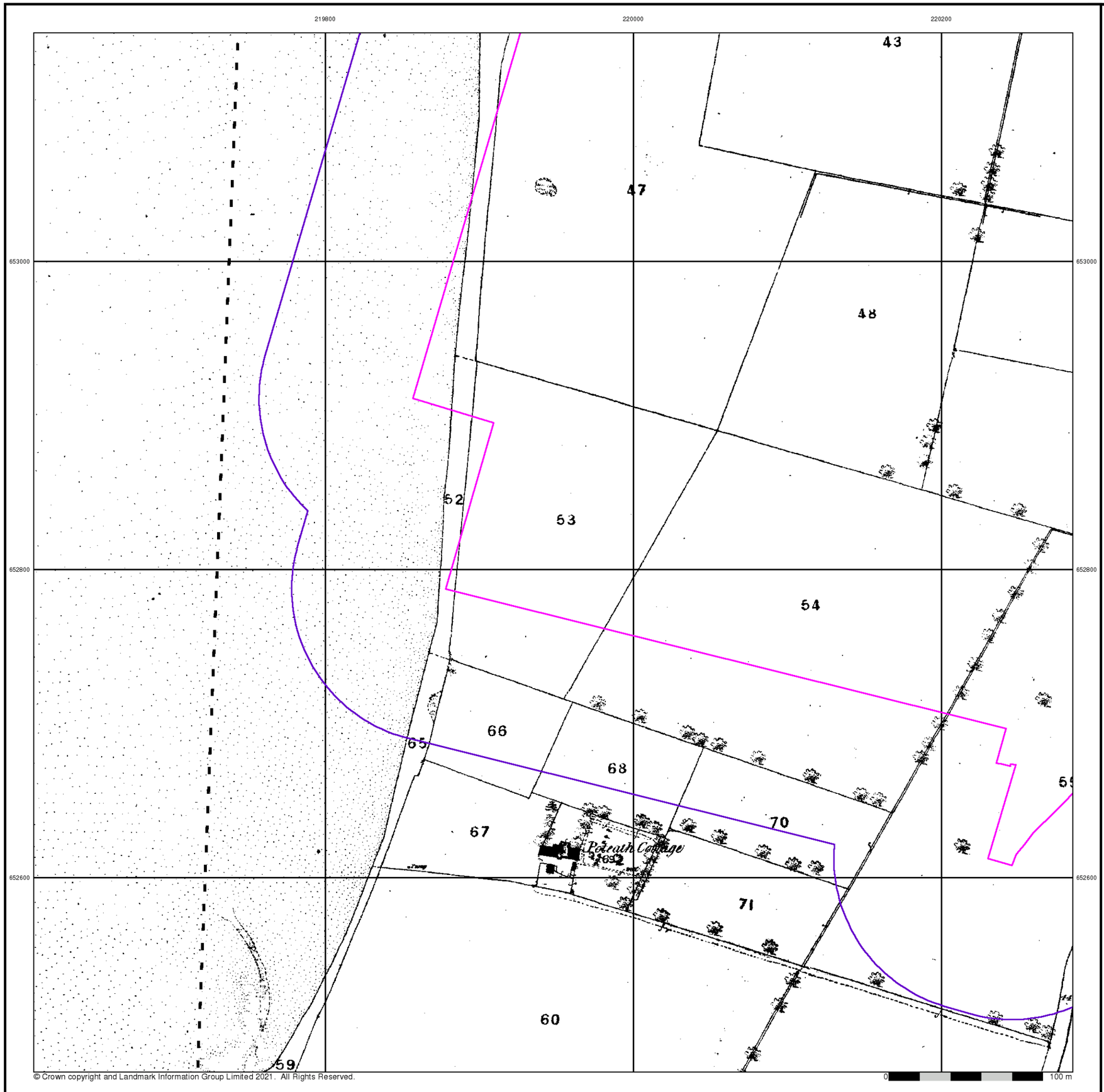


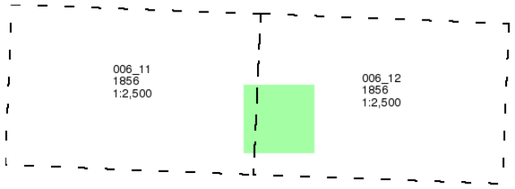
Ayrshire

Published 1856

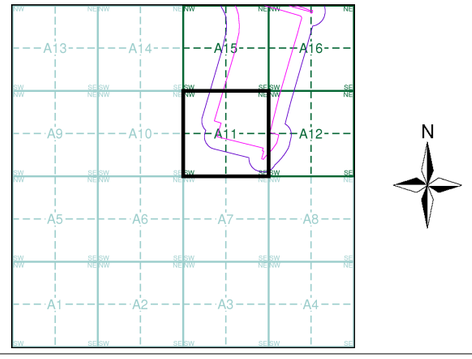
Source map scale - 1:2,500

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 A11



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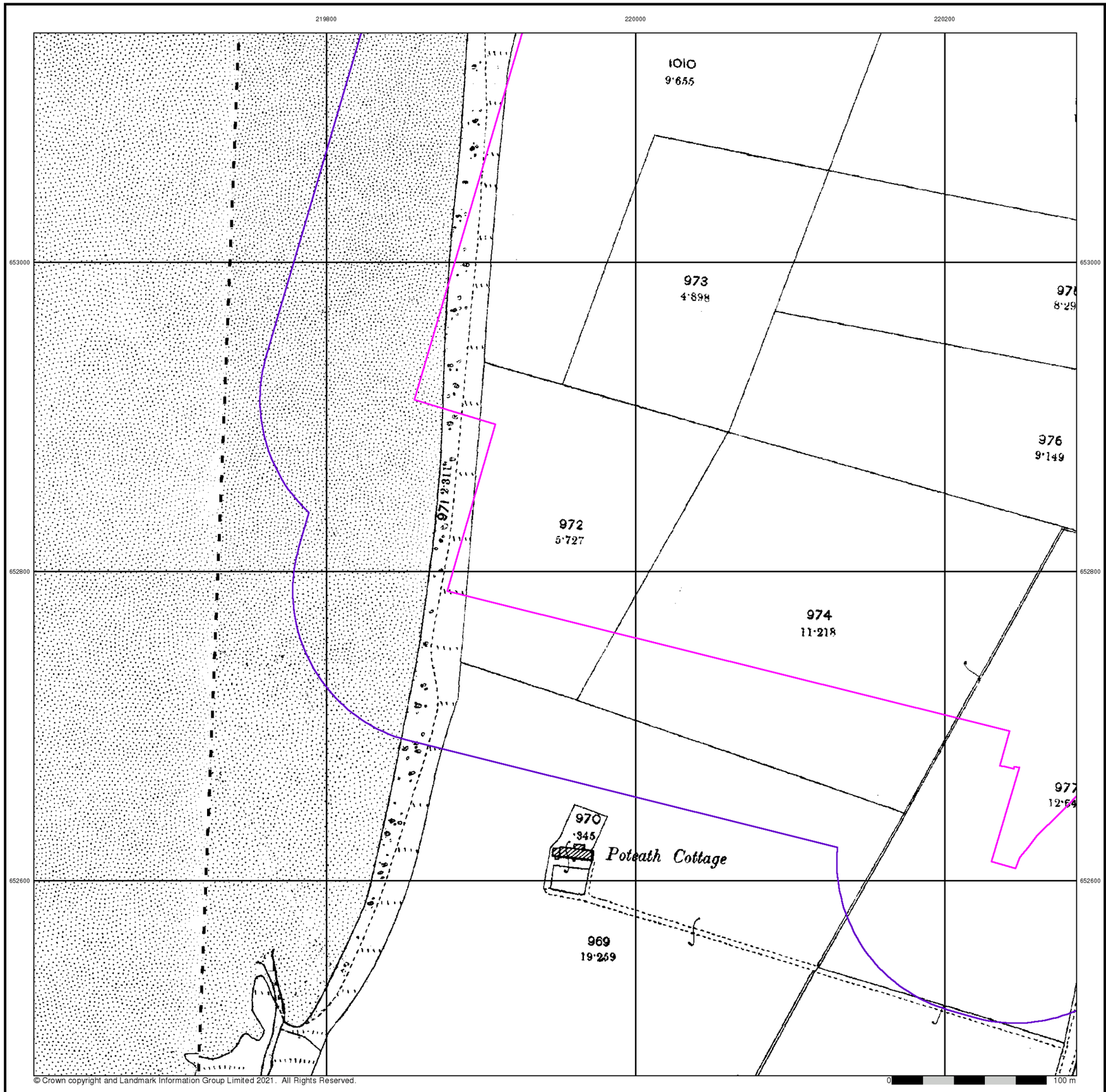


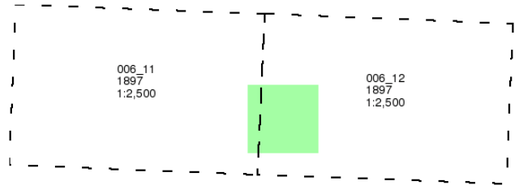
Ayrshire

Published 1897

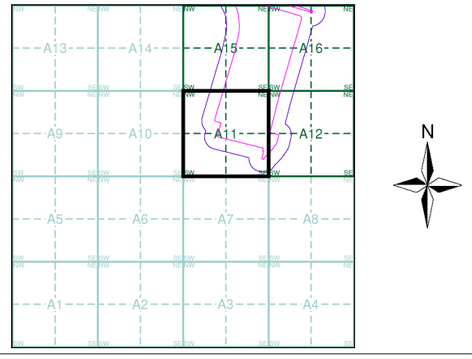
Source map scale - 1:2,500

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 A11



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
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Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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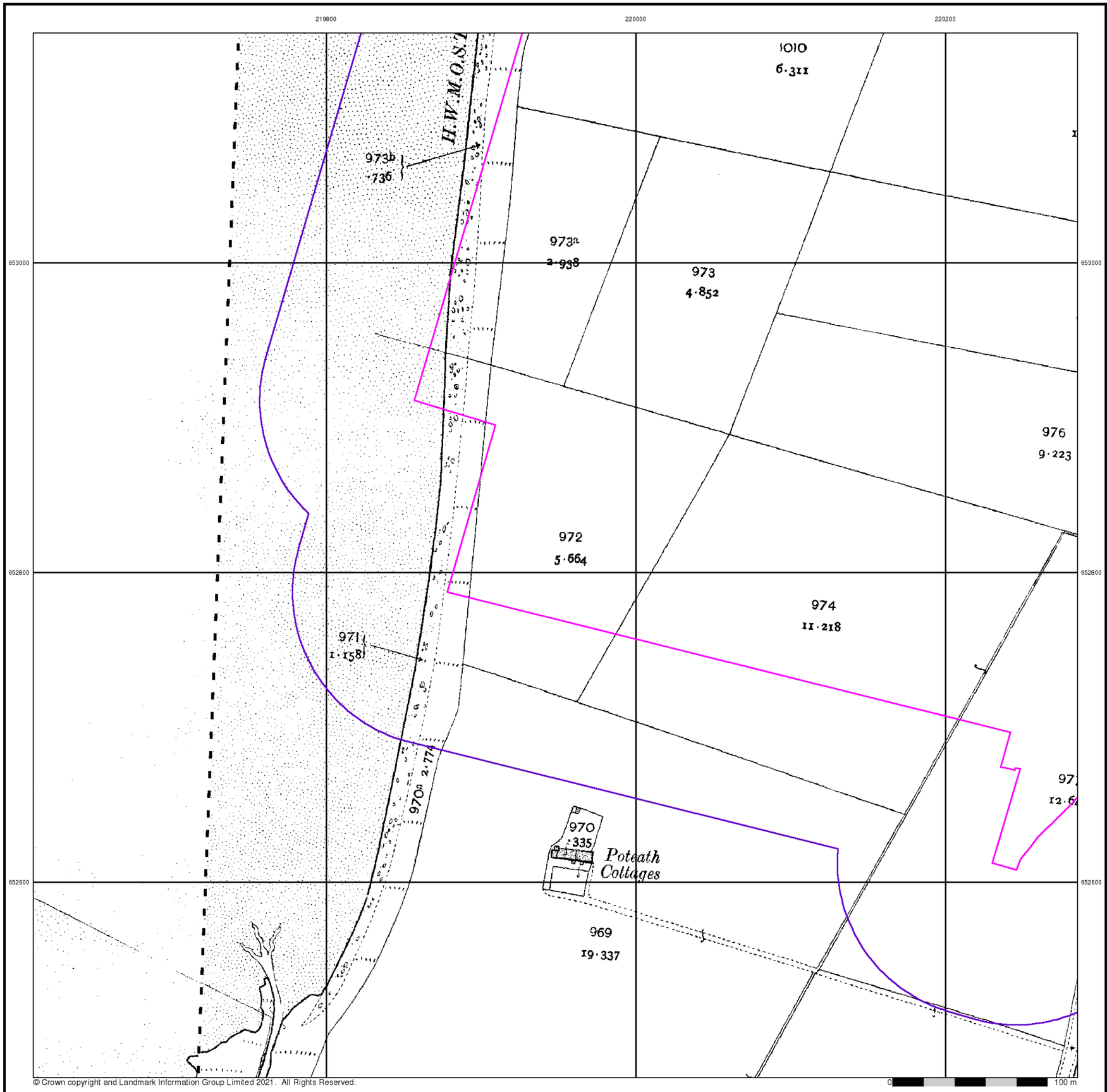


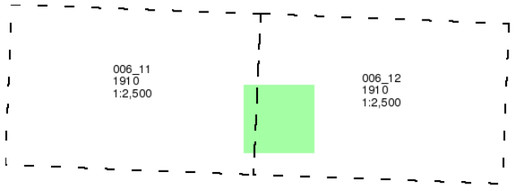
Ayrshire

Published 1910

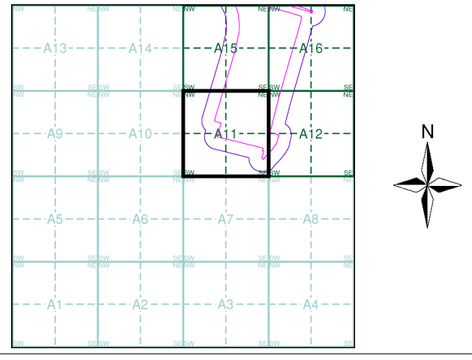
Source map scale - 1:2,500

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 A11



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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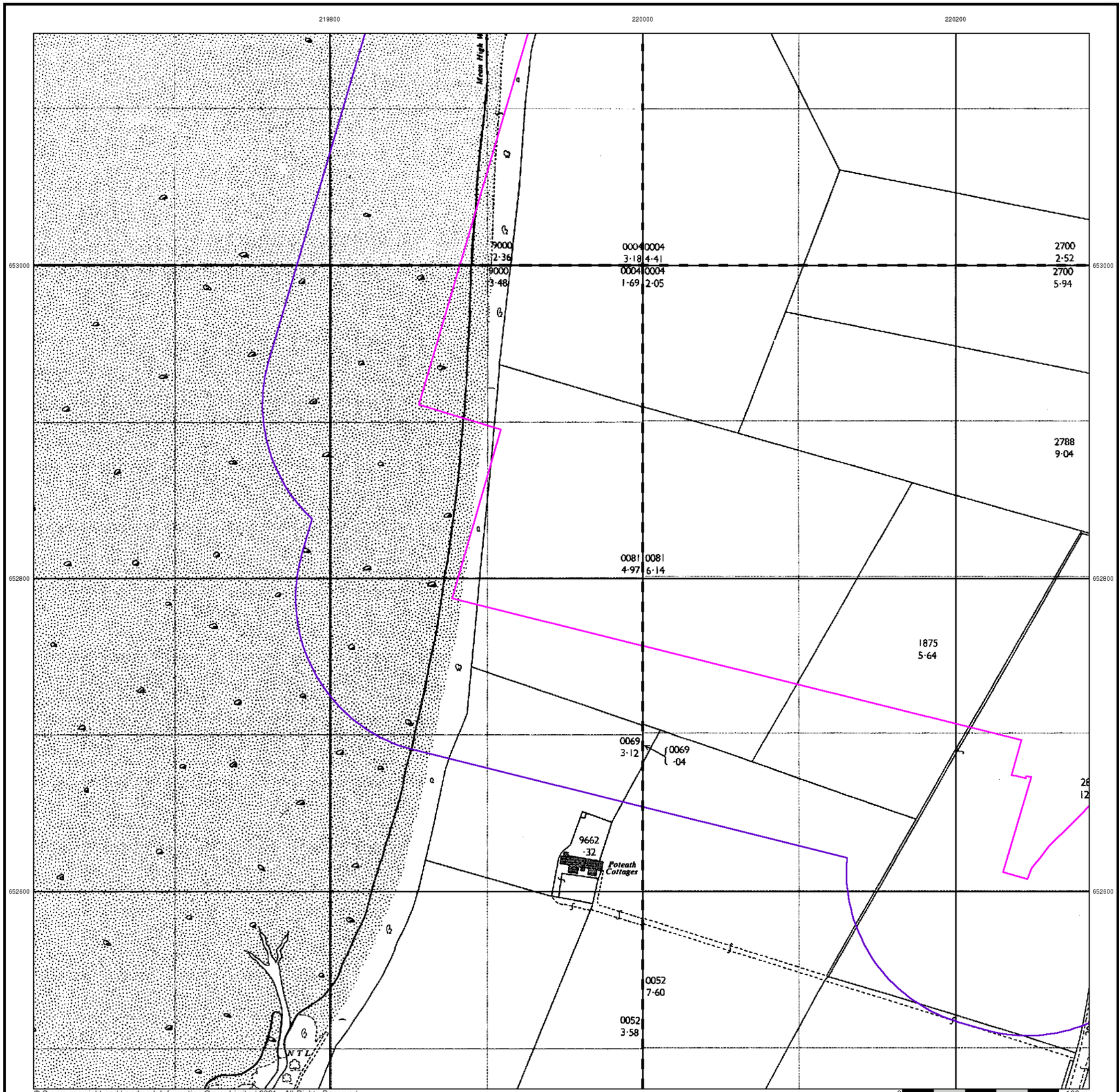


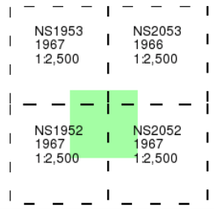
Ordnance Survey Plan

Published 1966 - 1967

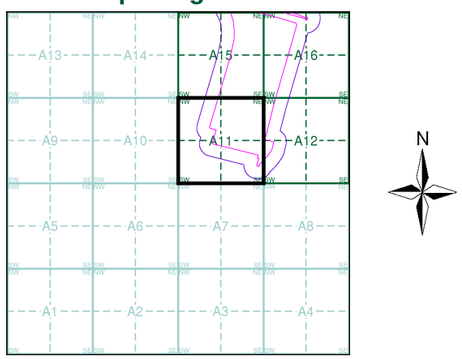
Source map scale - 1:2,500

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 A11



Order Details

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Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

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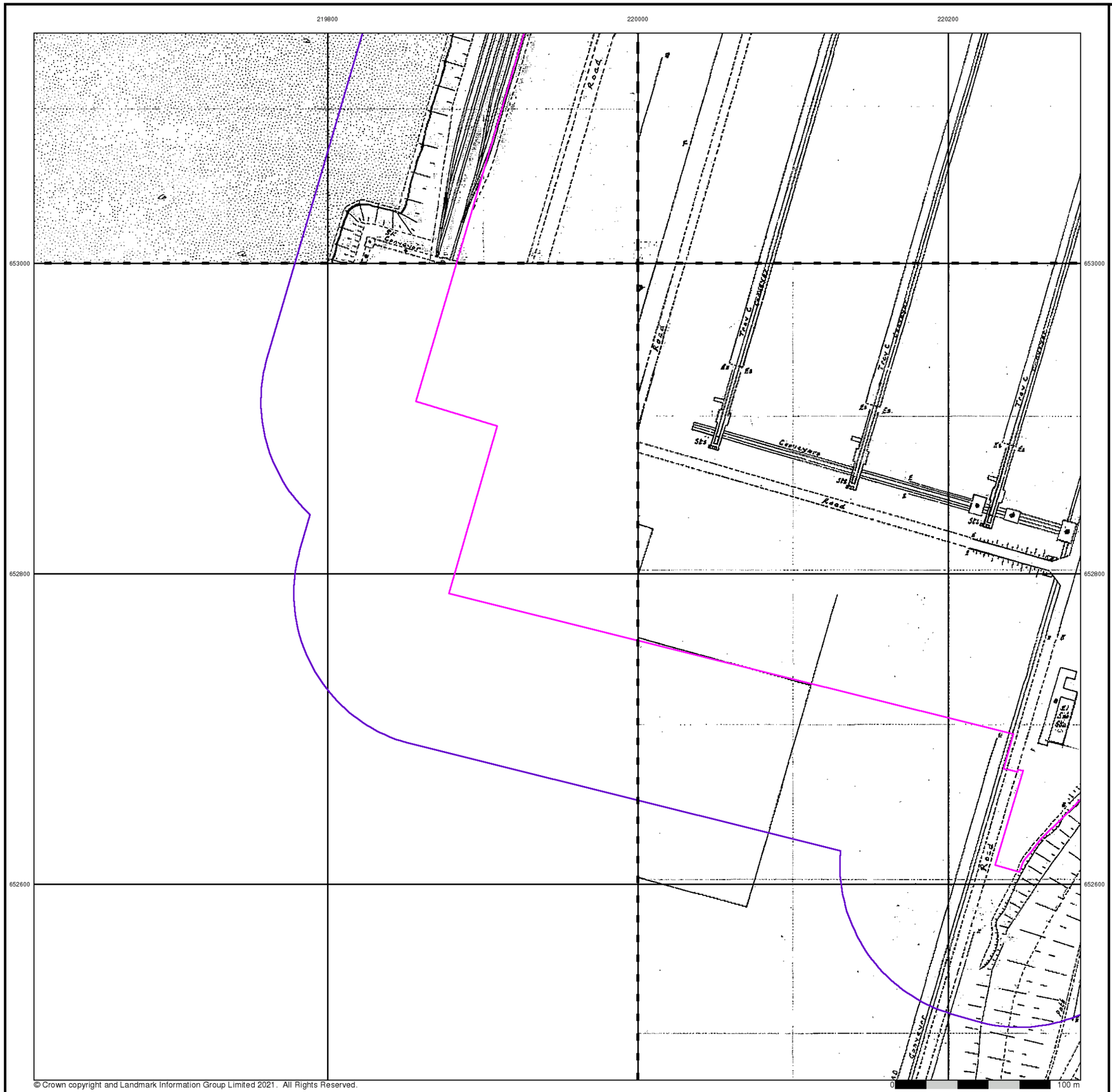


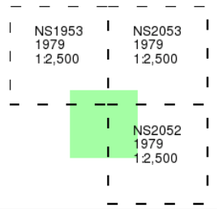
Additional SIMs

Published 1979

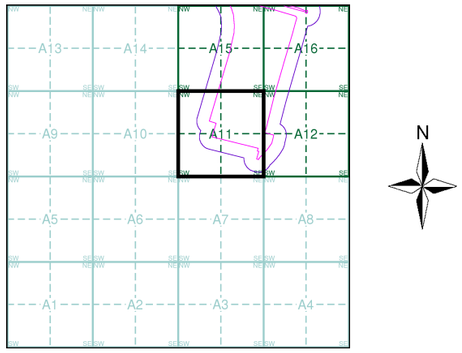
Source map scale - 1:2,500

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 A11



Order Details

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Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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Web: www.envirocheck.co.uk

Ordnance Survey Plan

Published 1980 - 1981

Source map scale - 1:2,500

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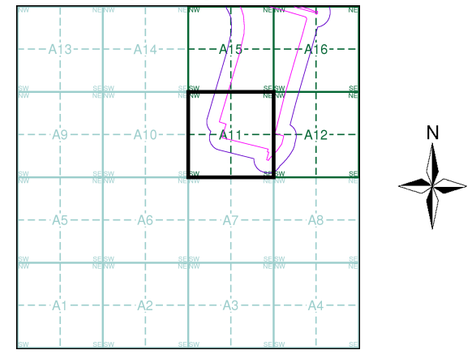
Map Name(s) and Date(s)

NS1953 1981 1:2,500	NS2053 1980 1:2,500
NS1952 1980 1:2,500	NS2052 1980 1:2,500

Historical Map - Segment A11



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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Ordnance Survey Plan

Published 1983

Source map scale - 1:2,500

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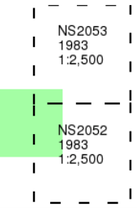
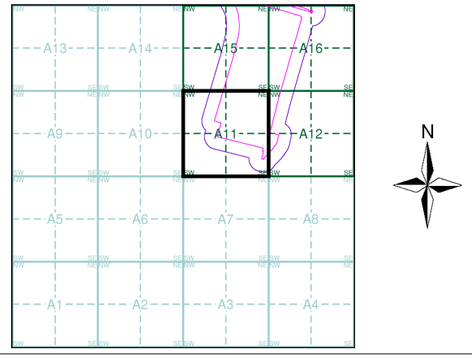
Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

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Slice:	A
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Site Details

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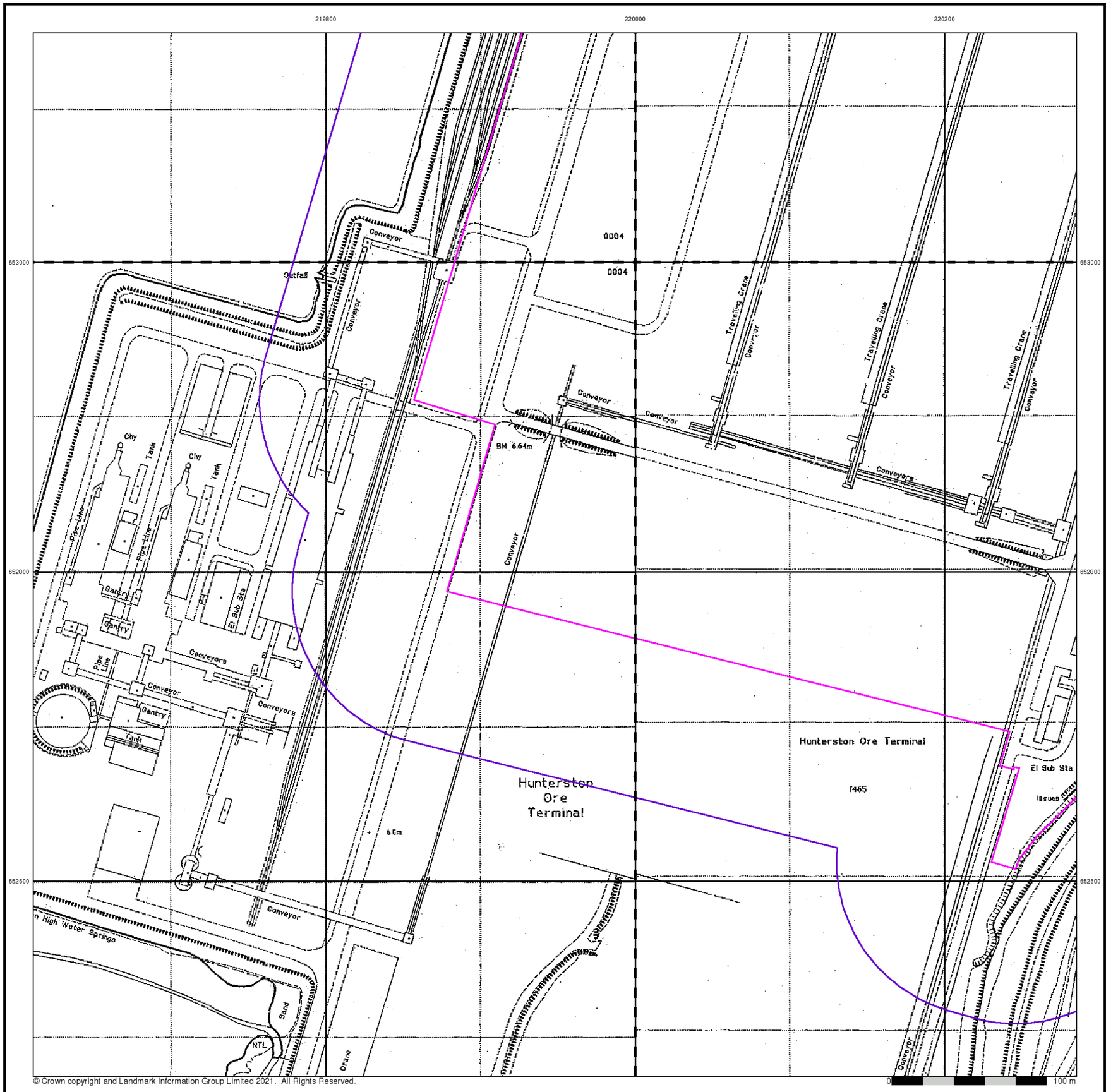


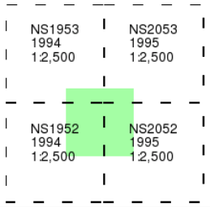
Large-Scale National Grid Data

Published 1994 - 1995

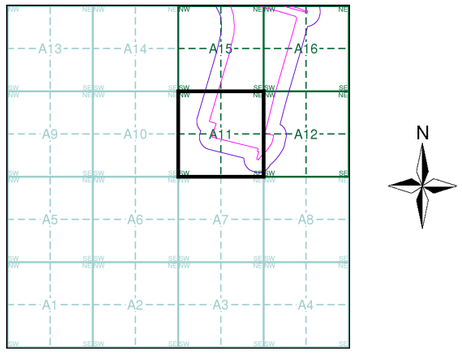
Source map scale - 1:2,500

'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 A11



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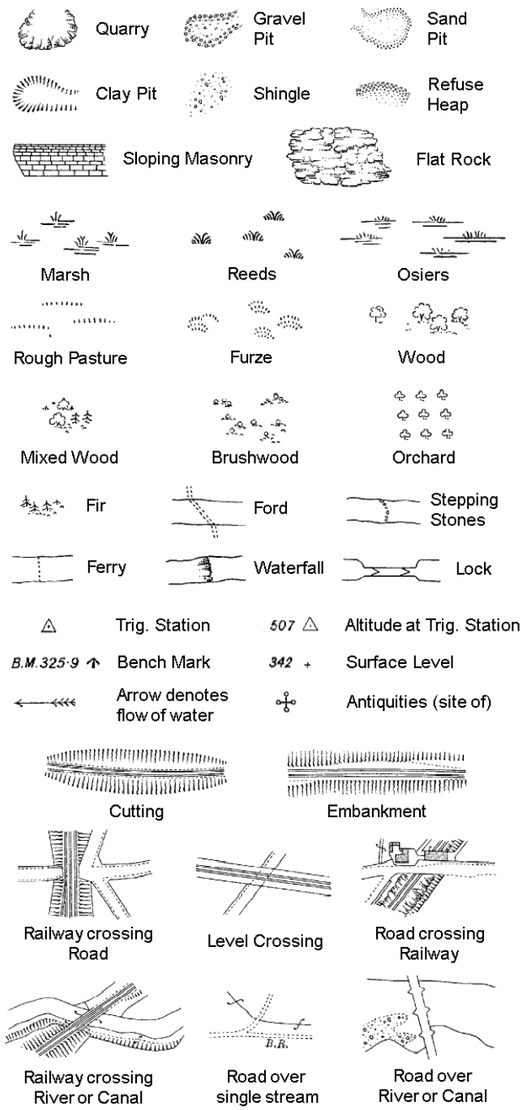
Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

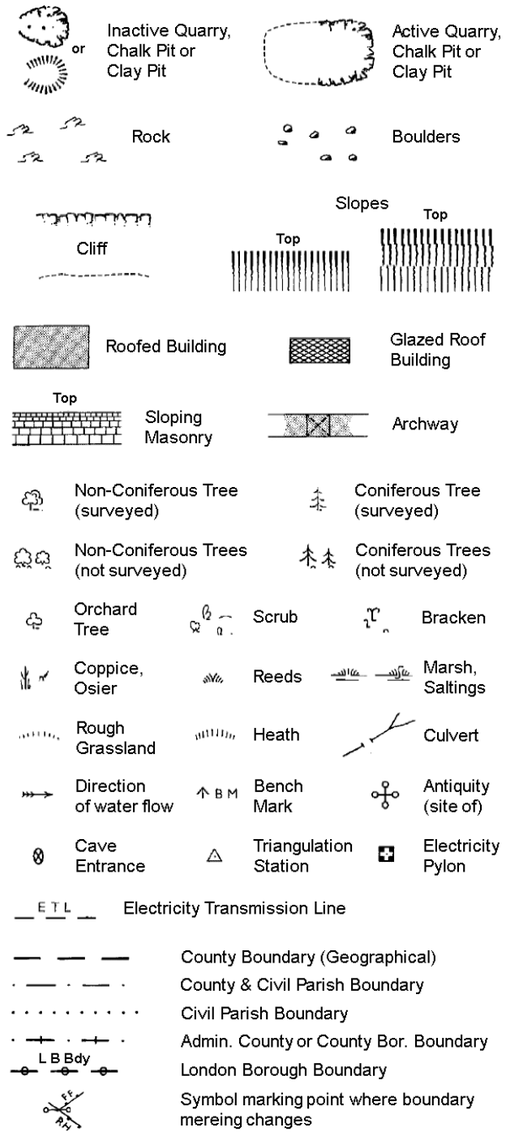
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

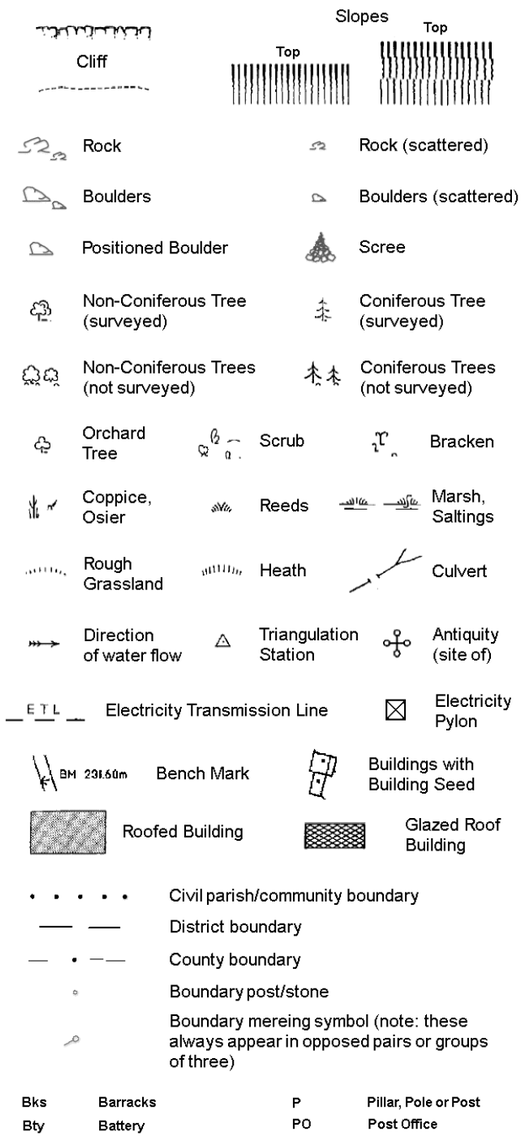
Admin. County or County Bor. Boundary

L B Bdy 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
El 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



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)

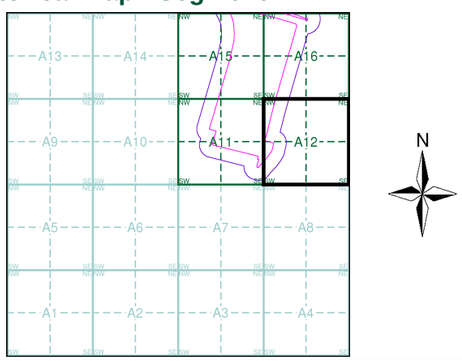
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El 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 Governer	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

rps

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Ayrshire	1:2,500	1856	2
Ayrshire	1:2,500	1897	3
Ayrshire	1:2,500	1910	4
Ordnance Survey Plan	1:2,500	1966 - 1967	5
Additional SIMs	1:2,500	1979	6
Ordnance Survey Plan	1:2,500	1980	7
Ordnance Survey Plan	1:2,500	1983	8
Large-Scale National Grid Data	1:2,500	1995	9

Historical Map - Segment A12



Order Details

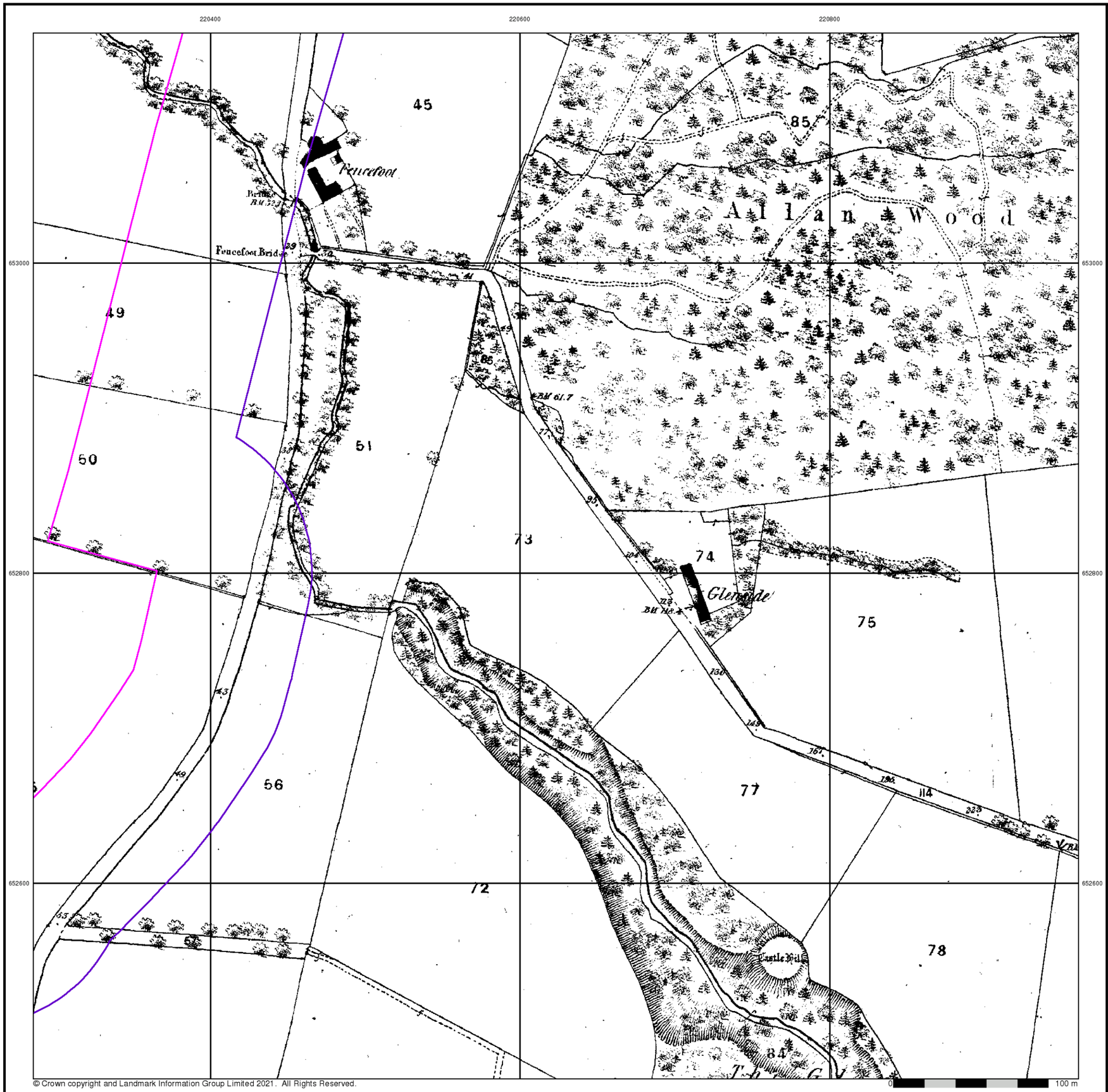
Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

Landmark INFORMATION GROUP

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



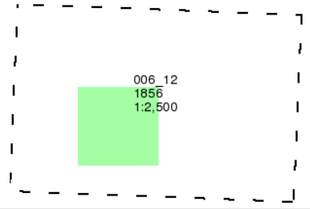
Ayrshire

Published 1856

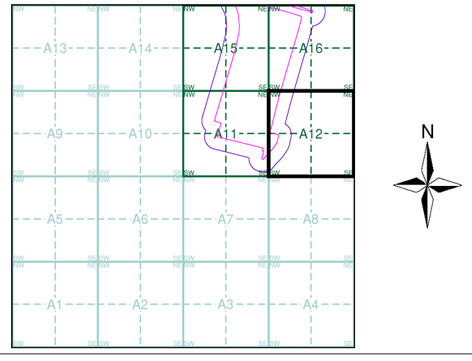
Source map scale - 1:2,500

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 A12



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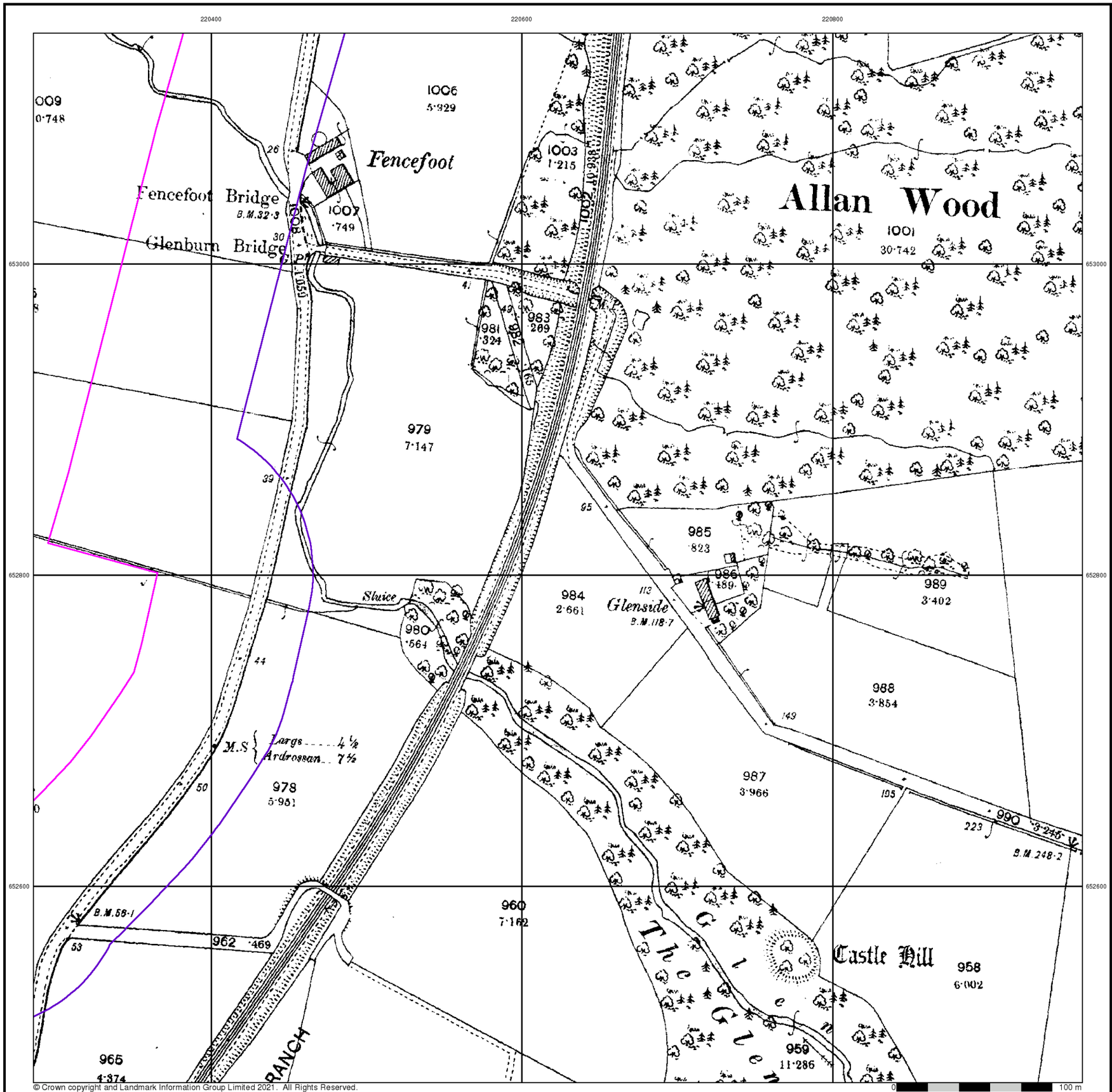

rps

Ayrshire

Published 1897

Source map scale - 1:2,500

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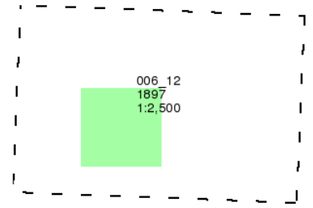
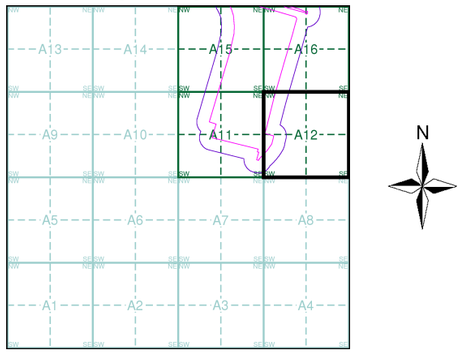


Historical Map - Segment A12



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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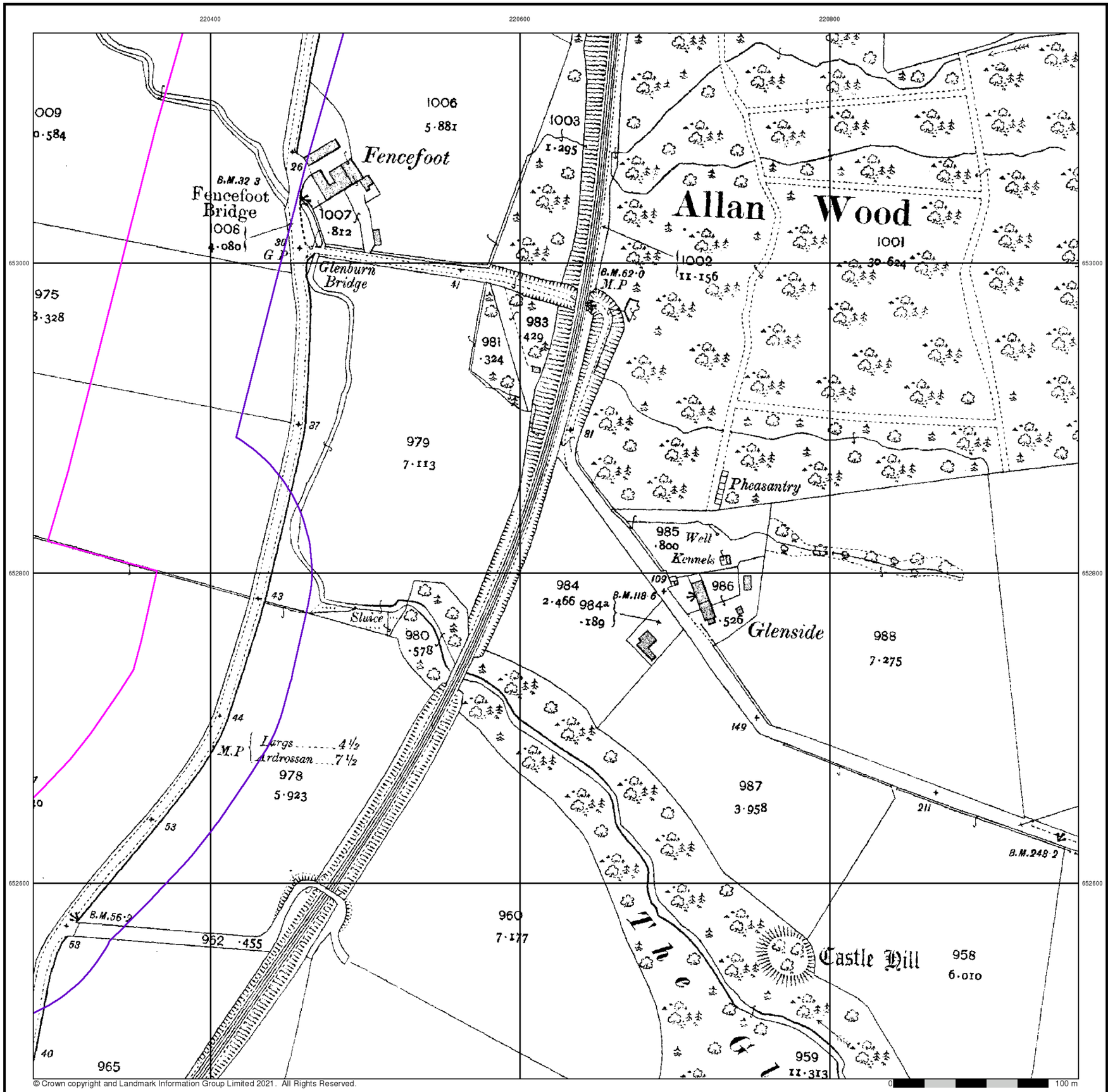


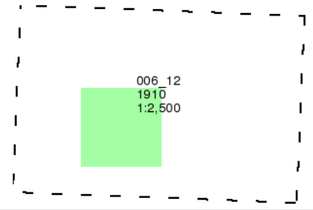
Ayrshire

Published 1910

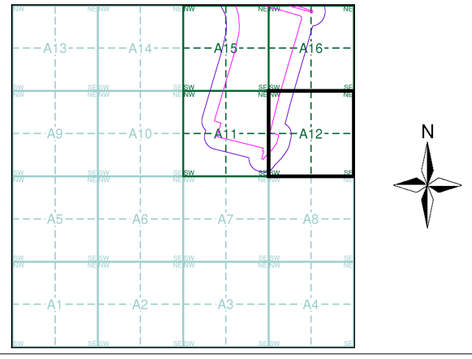
Source map scale - 1:2,500

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 A12



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
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Site Area (Ha):	54.89
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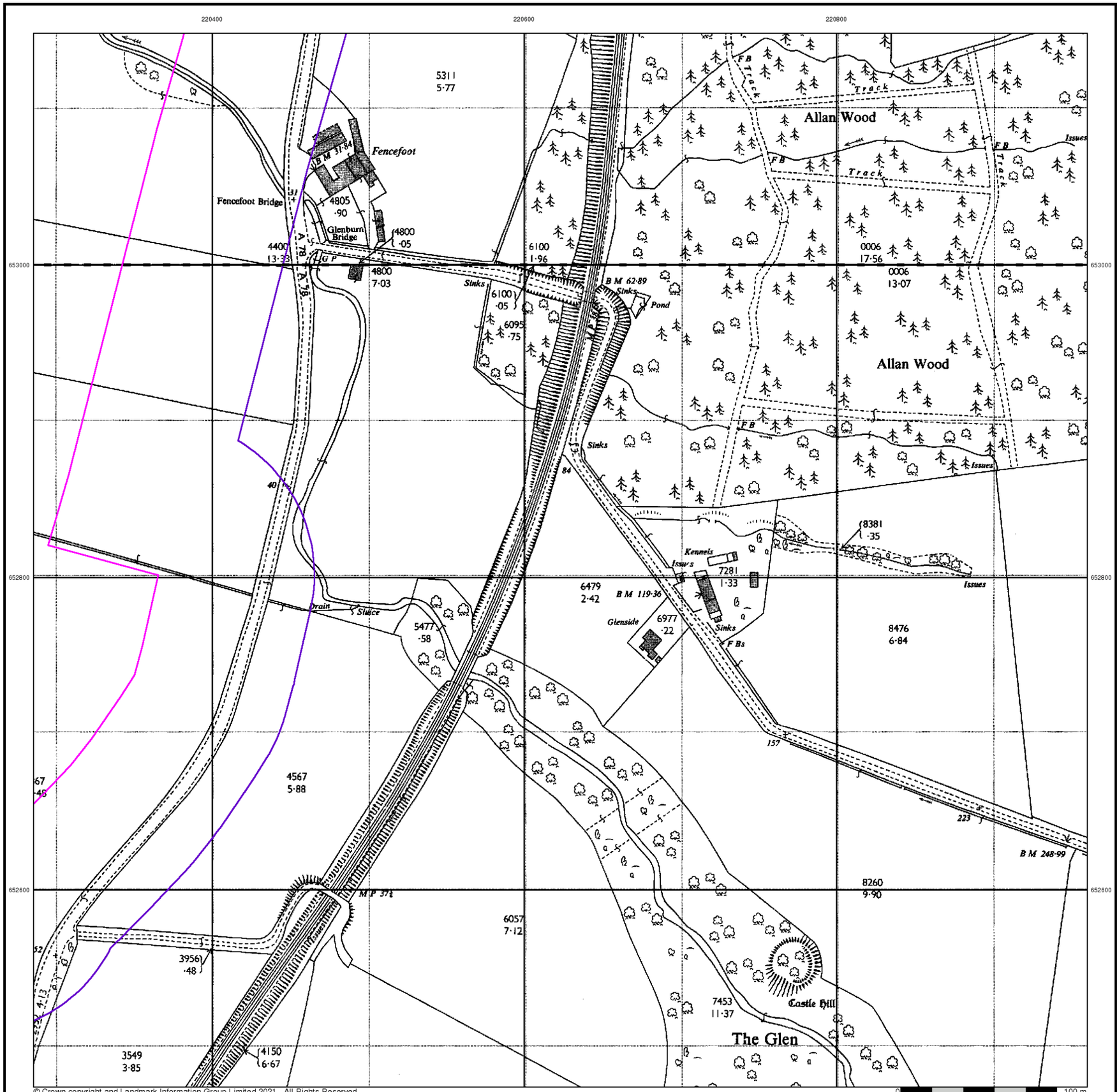


Ordnance Survey Plan

Published 1966 - 1967

Source map scale - 1:2,500

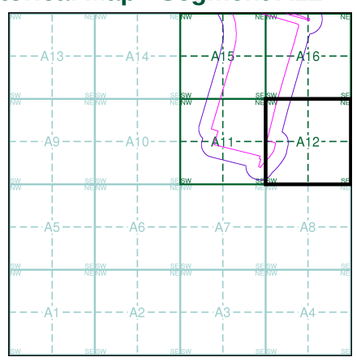
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

NS2053
1966
1:2,500

NS2052
1967
1:2,500

Historical Map - Segment A12



Order Details

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Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
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Search Buffer (m):	100

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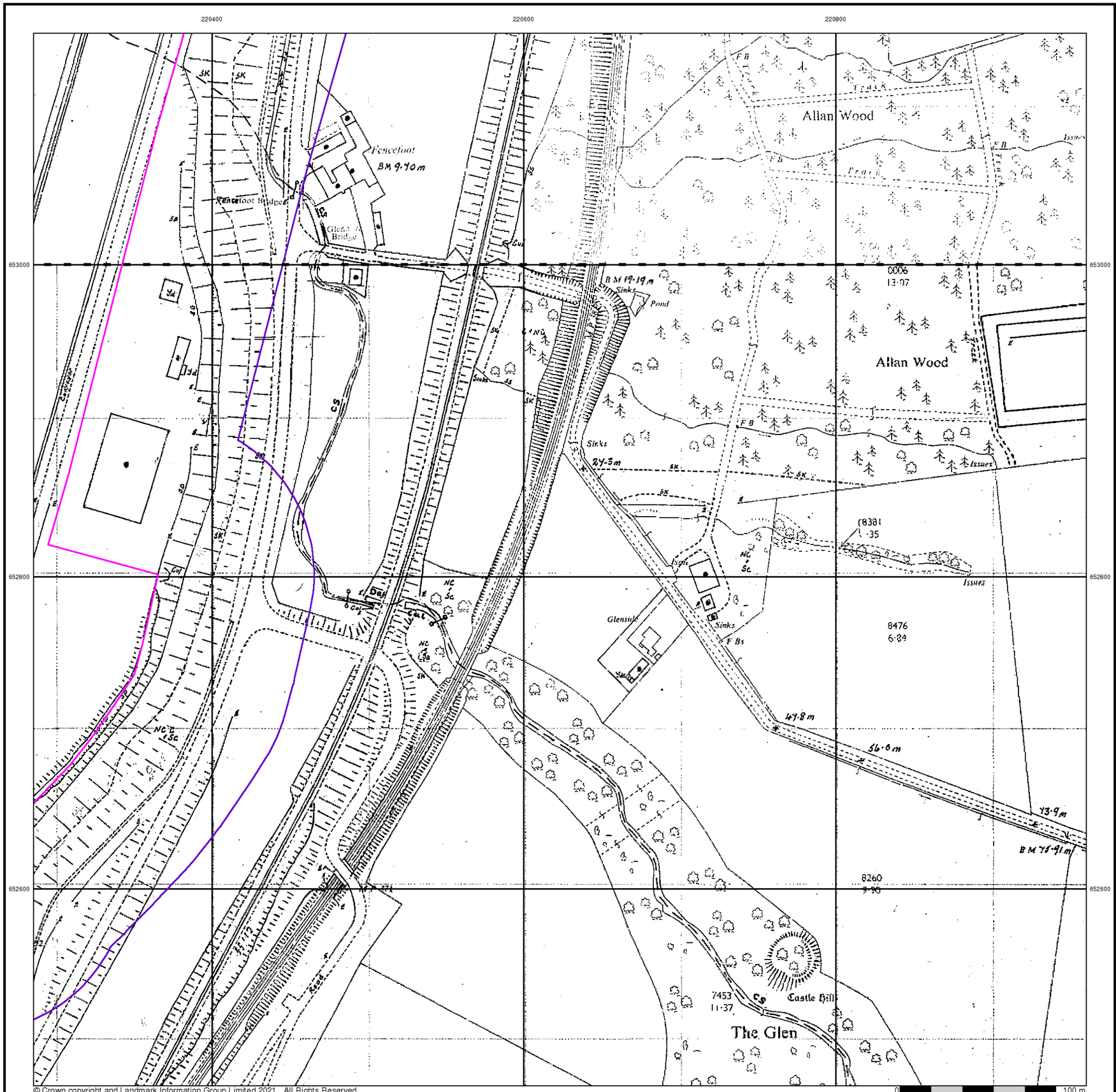


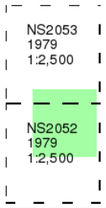
Additional SIMs

Published 1979

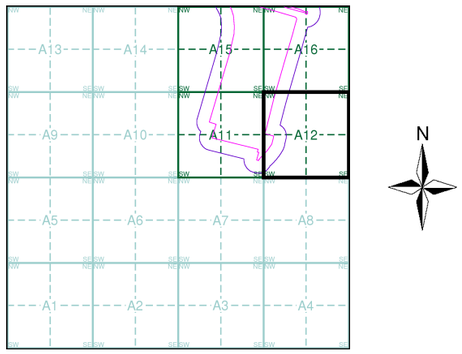
Source map scale - 1:2,500

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 A12



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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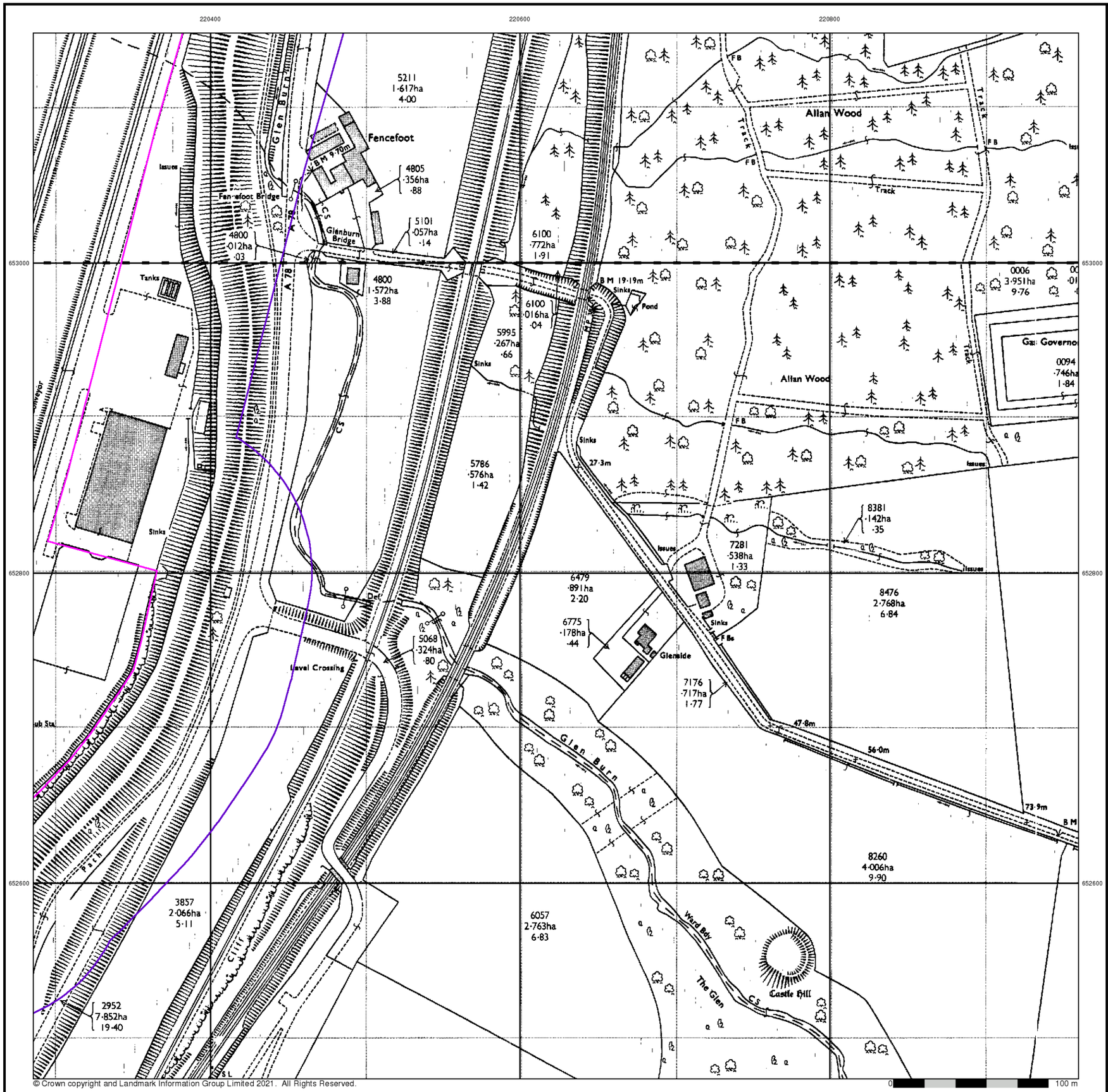

Ordnance Survey Plan

Published 1980

Source map scale - 1:2,500

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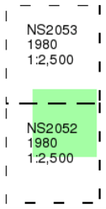
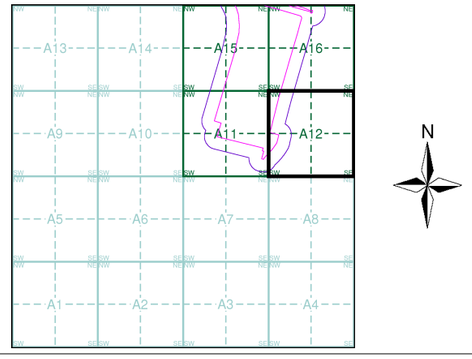
Map Name(s) and Date(s)



Historical Map - Segment A12



Order Details

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Customer Ref:	JER9266
National Grid Reference:	219970, 652810
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Search Buffer (m):	100

Site Details

Site at 219948,653824

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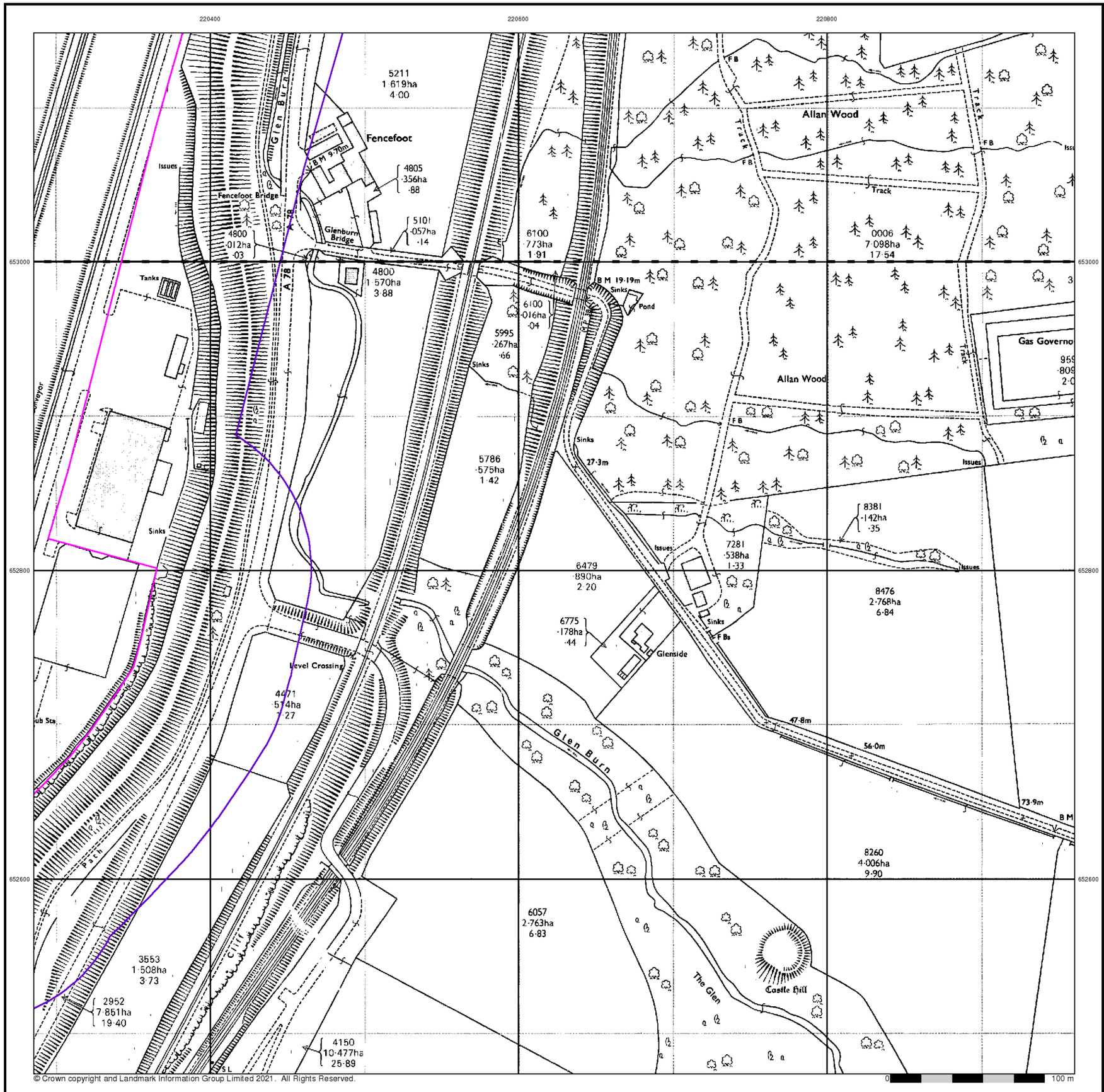

Ordnance Survey Plan

Published 1983

Source map scale - 1:2,500

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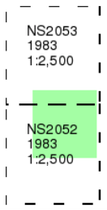
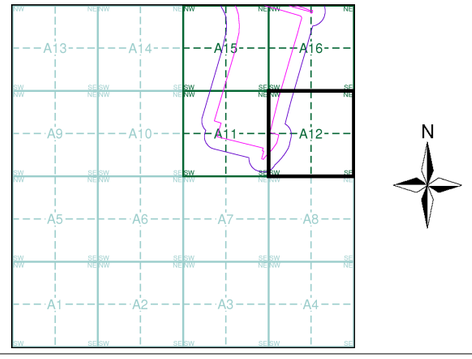
Map Name(s) and Date(s)



Historical Map - Segment A12



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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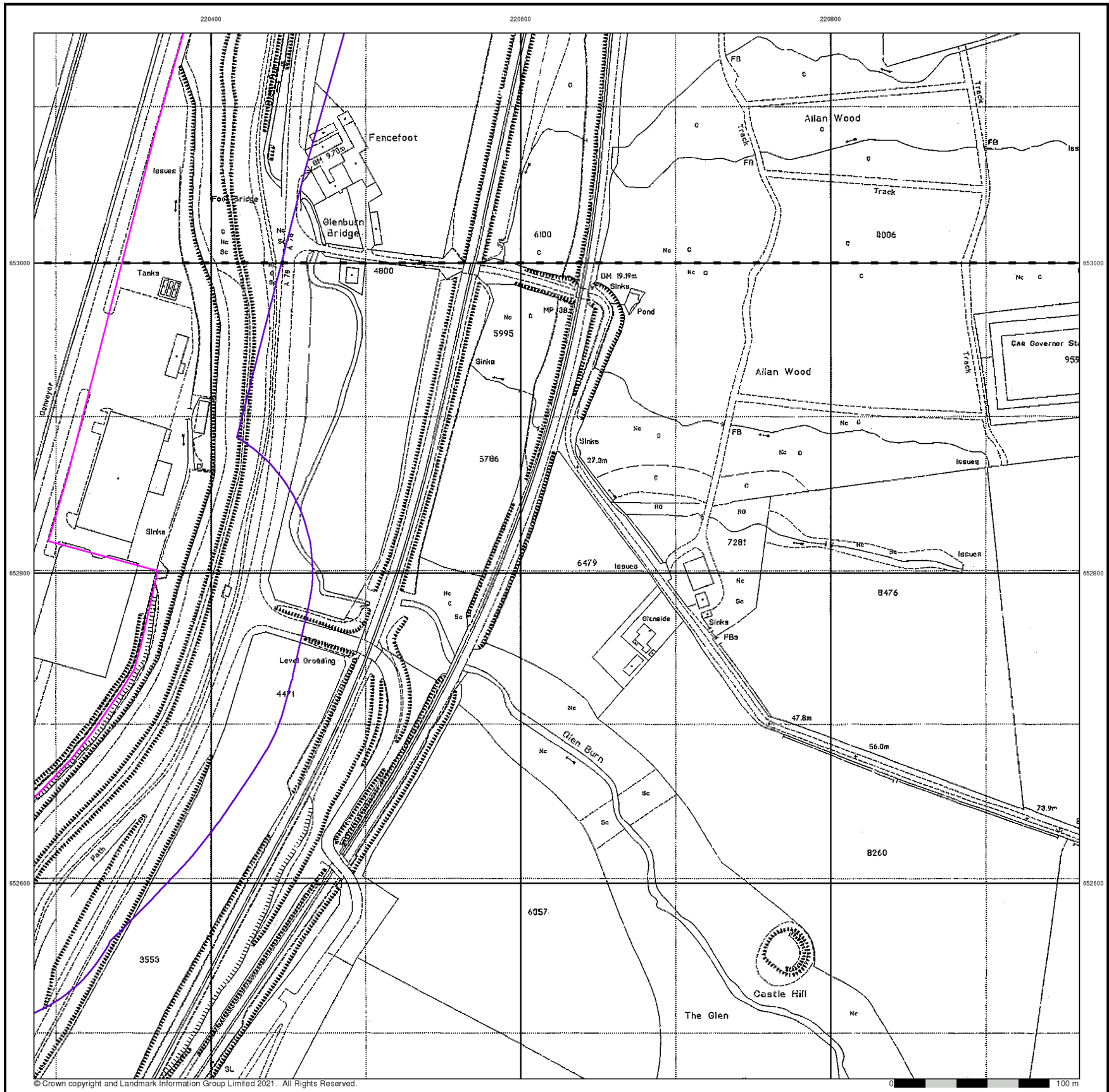


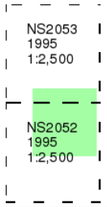
Large-Scale National Grid Data

Published 1995

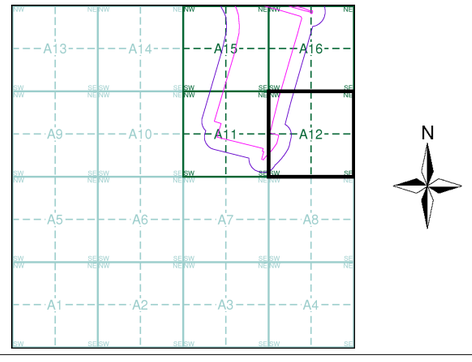
Source map scale - 1:2,500

'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 A12



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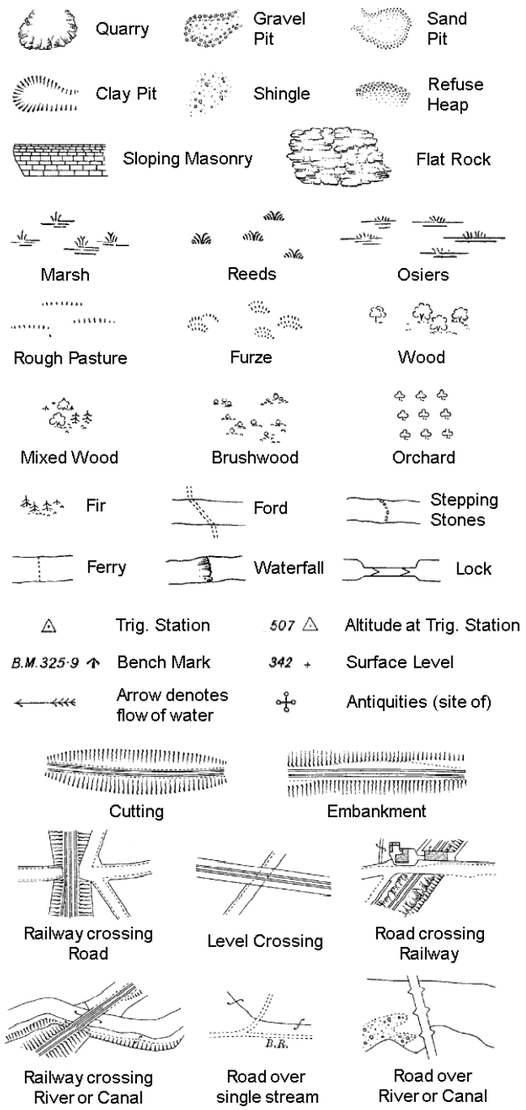
Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

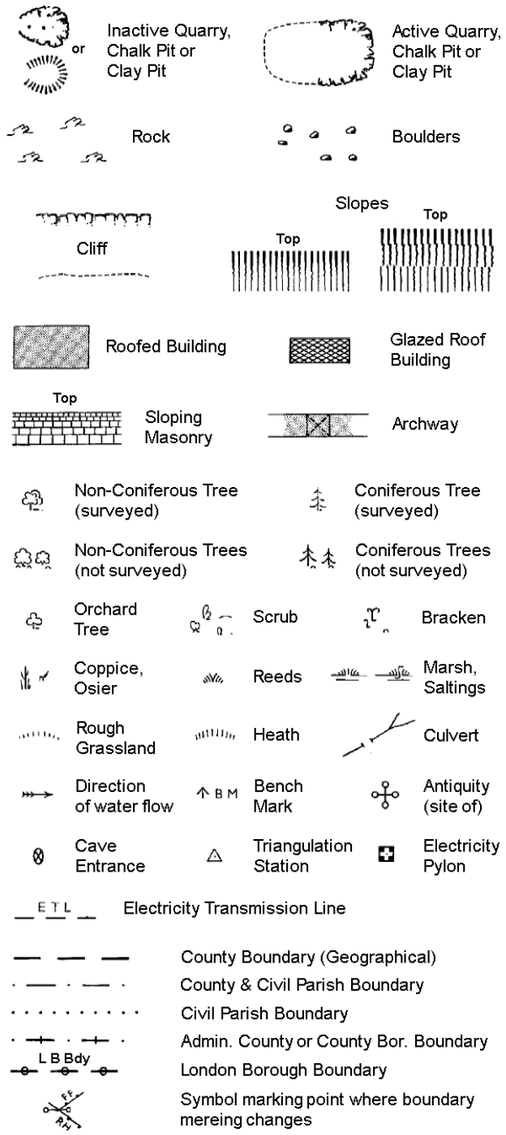
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

Admin. County or County Bor. Boundary

L B Bdy 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
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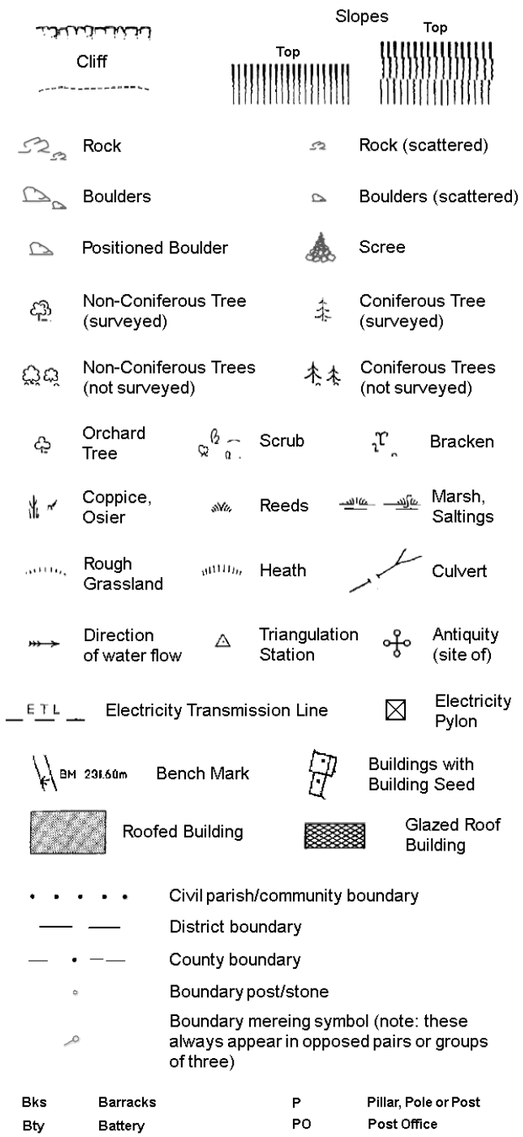
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone 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



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
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El 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 Governer	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

rps

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
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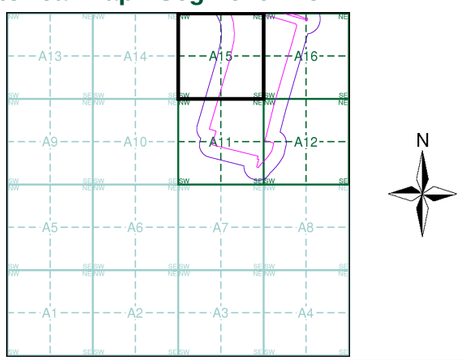
Ayrshire	1:2,500	1897	3
Ayrshire	1:2,500	1910	4
Ordnance Survey Plan	1:2,500	1966 - 1967	5
Additional SIMs	1:2,500	1979	6
Ordnance Survey Plan	1:2,500	1980 - 1981	7
Ordnance Survey Plan	1:2,500	1983	8
Large-Scale National Grid Data	1:2,500	1994 - 1995	9

Historical Map - Segment A15



Order Details

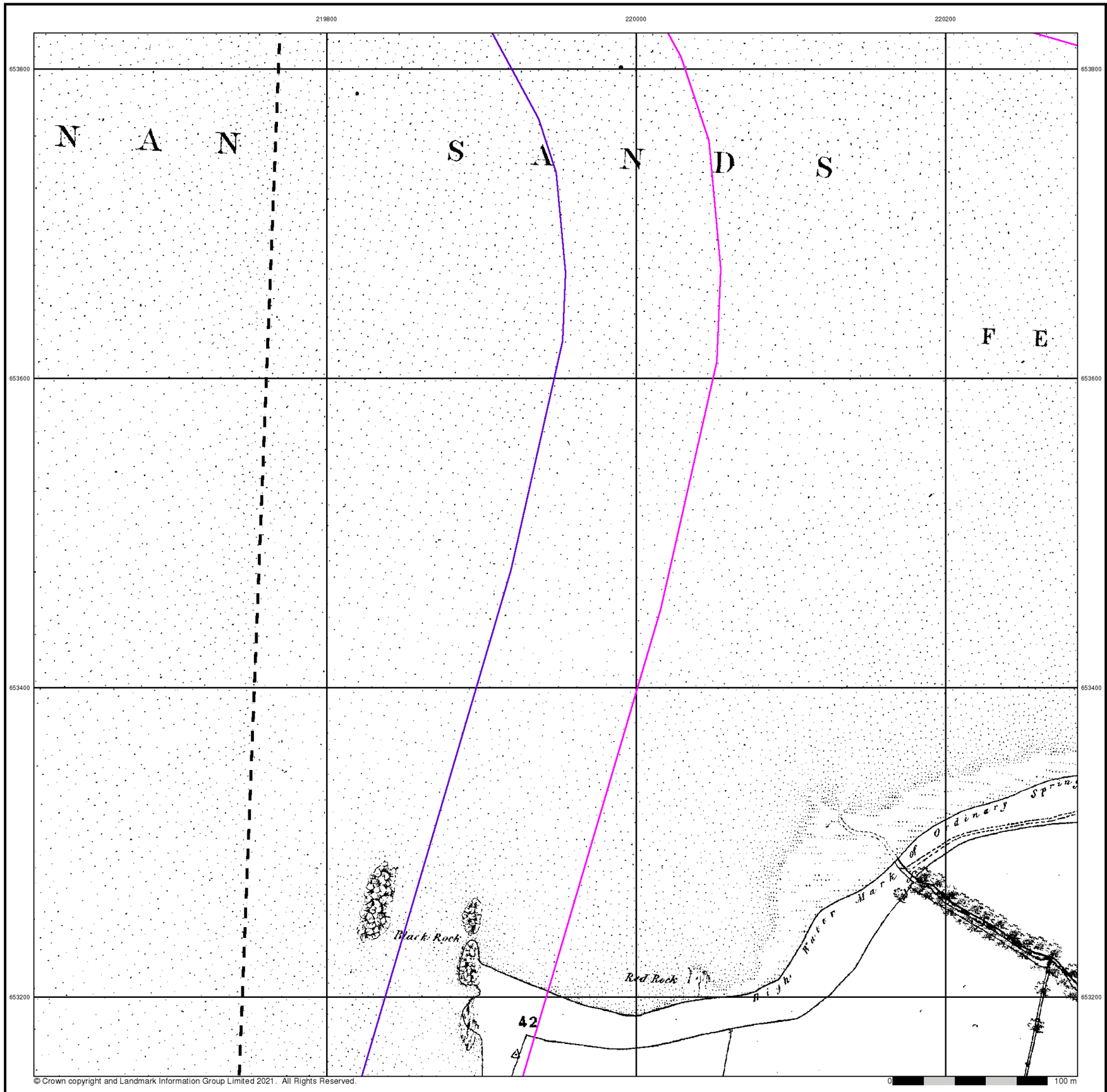
Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

Landmark INFORMATION GROUP

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



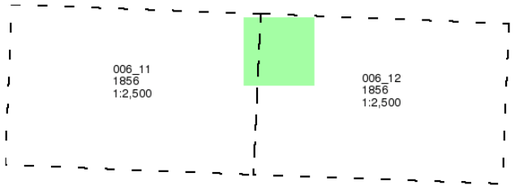
Ayrshire

Published 1856

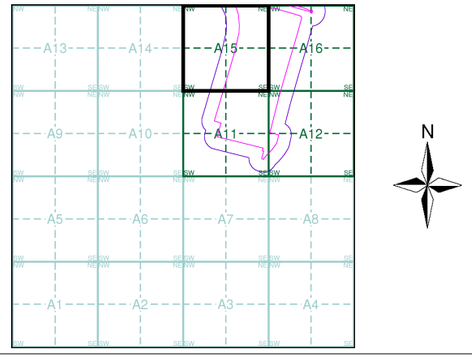
Source map scale - 1:2,500

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 A15



Order Details

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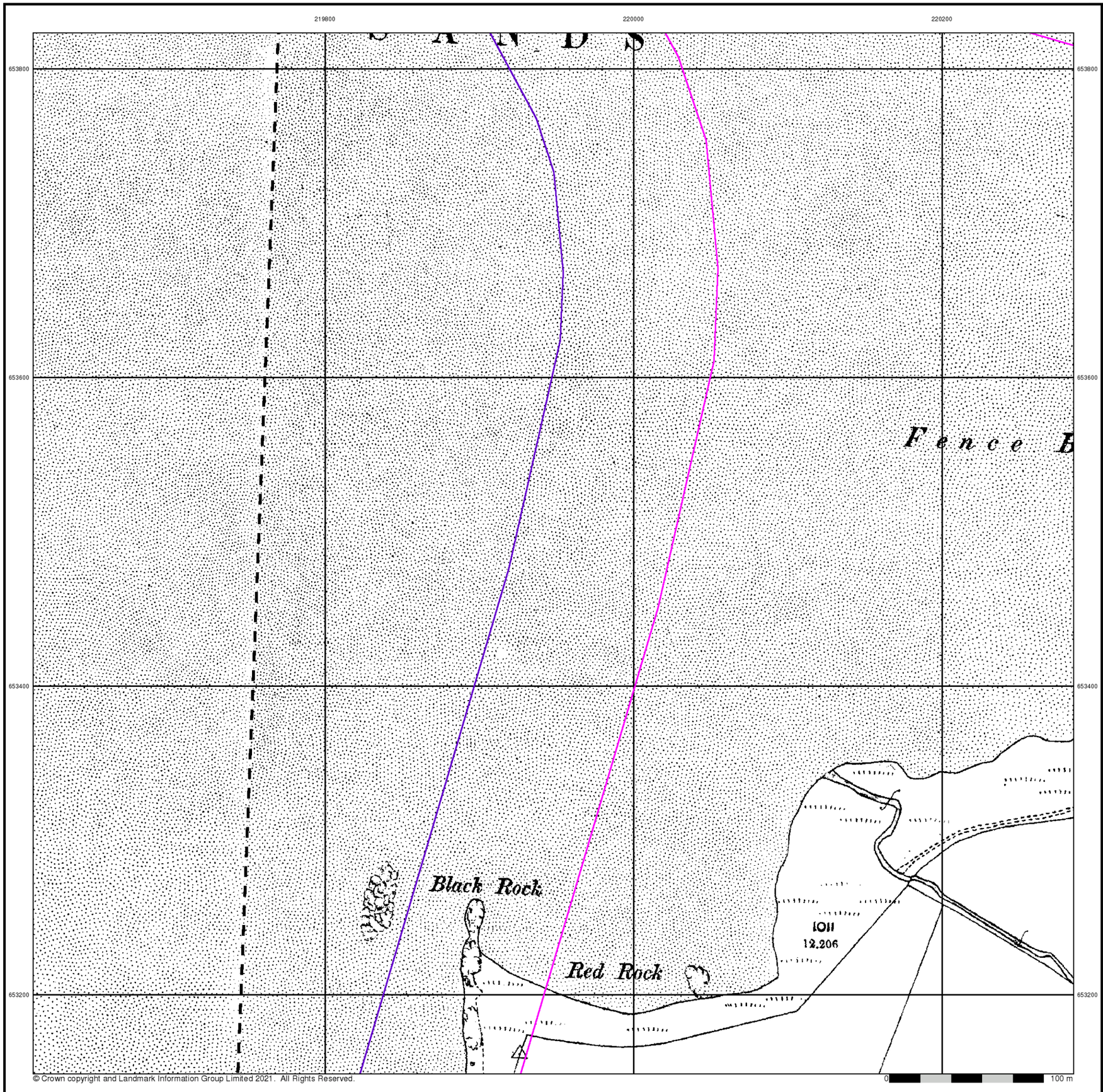

Ayrshire

Published 1897

Source map scale - 1:2,500

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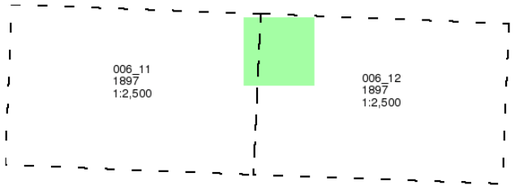
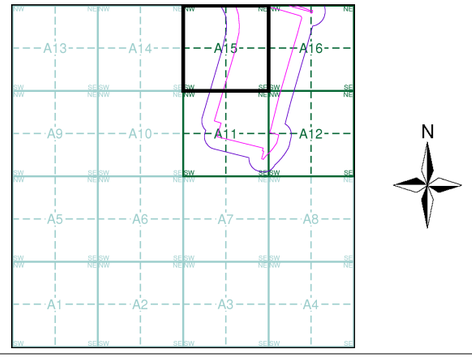


Historical Map - Segment A15



Order Details

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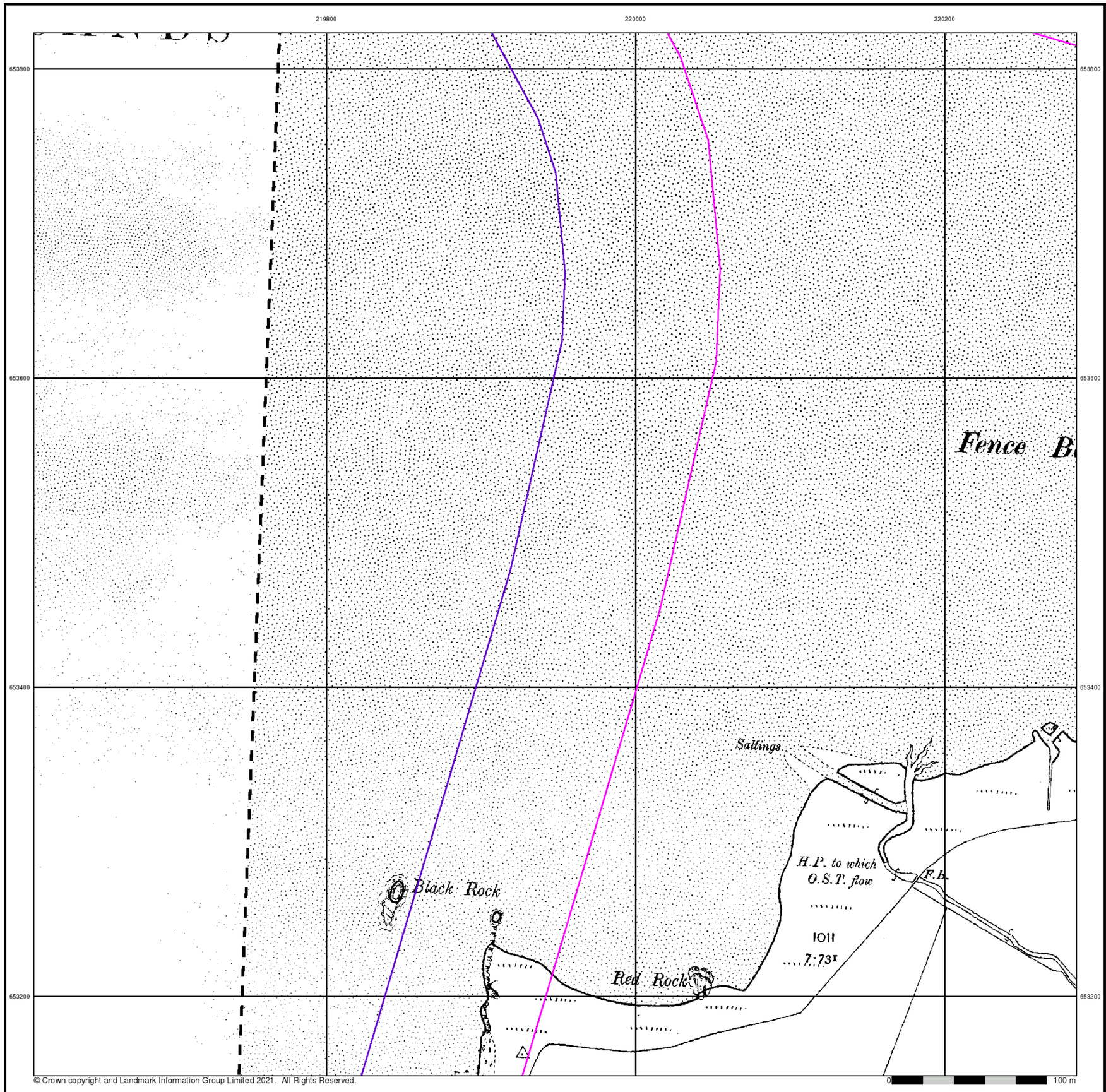


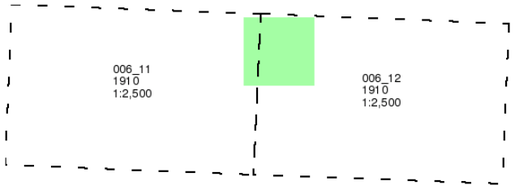
Ayrshire

Published 1910

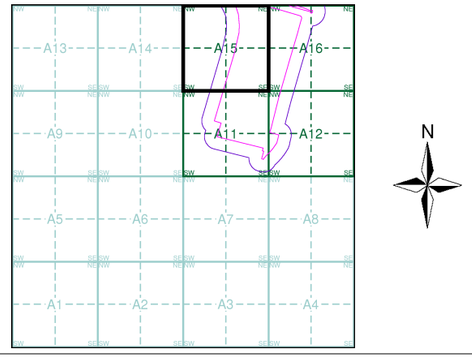
Source map scale - 1:2,500

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 A15



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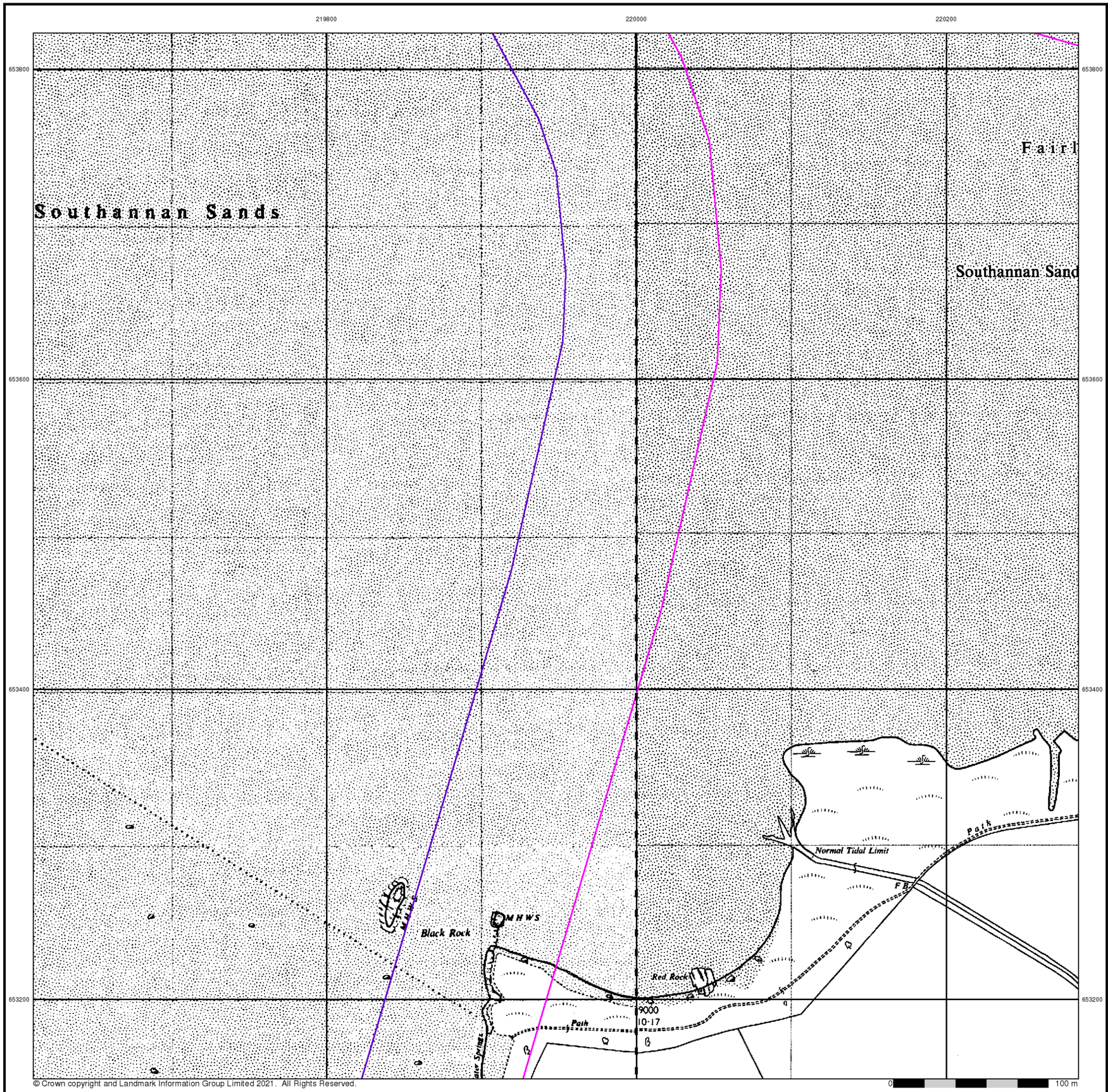


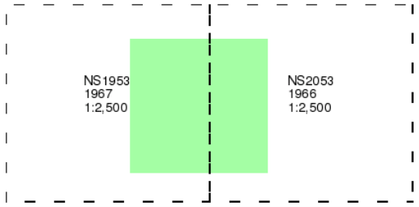
Ordnance Survey Plan

Published 1966 - 1967

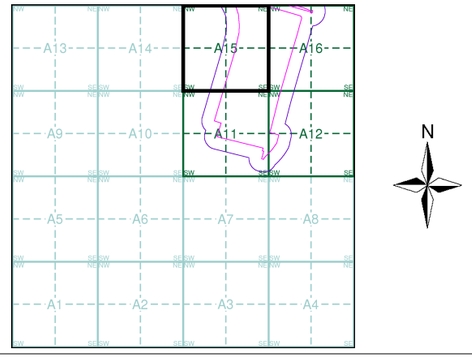
Source map scale - 1:2,500

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 A15



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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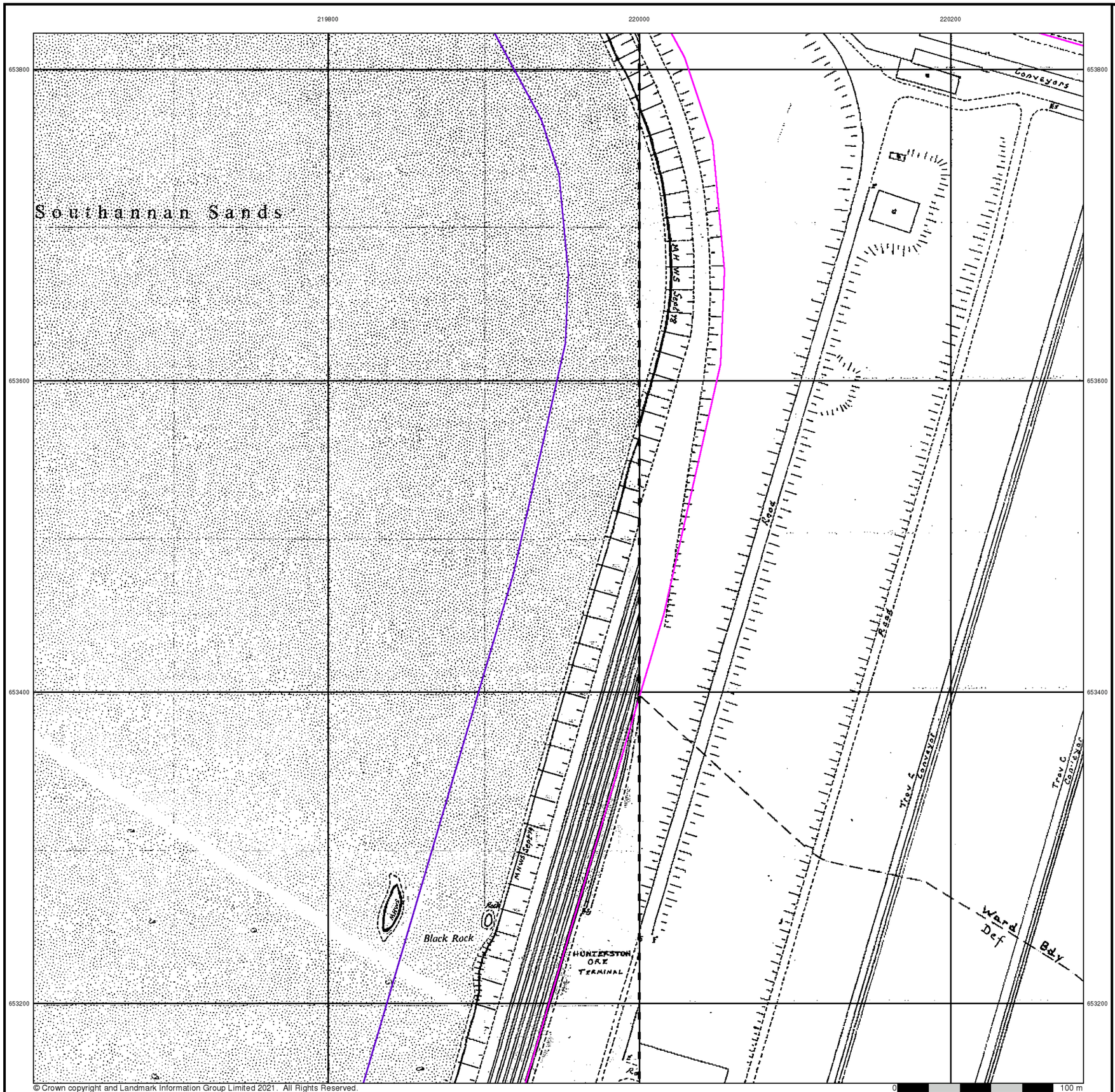


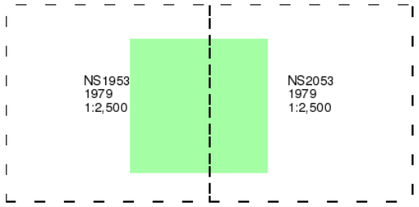
Additional SIMs

Published 1979

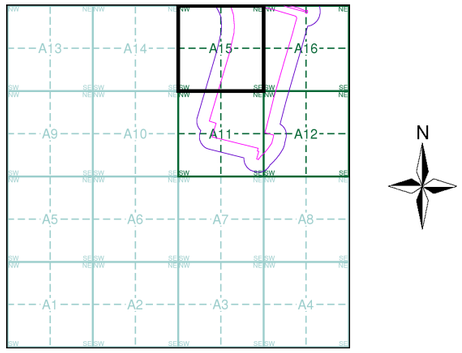
Source map scale - 1:2,500

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 A15



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
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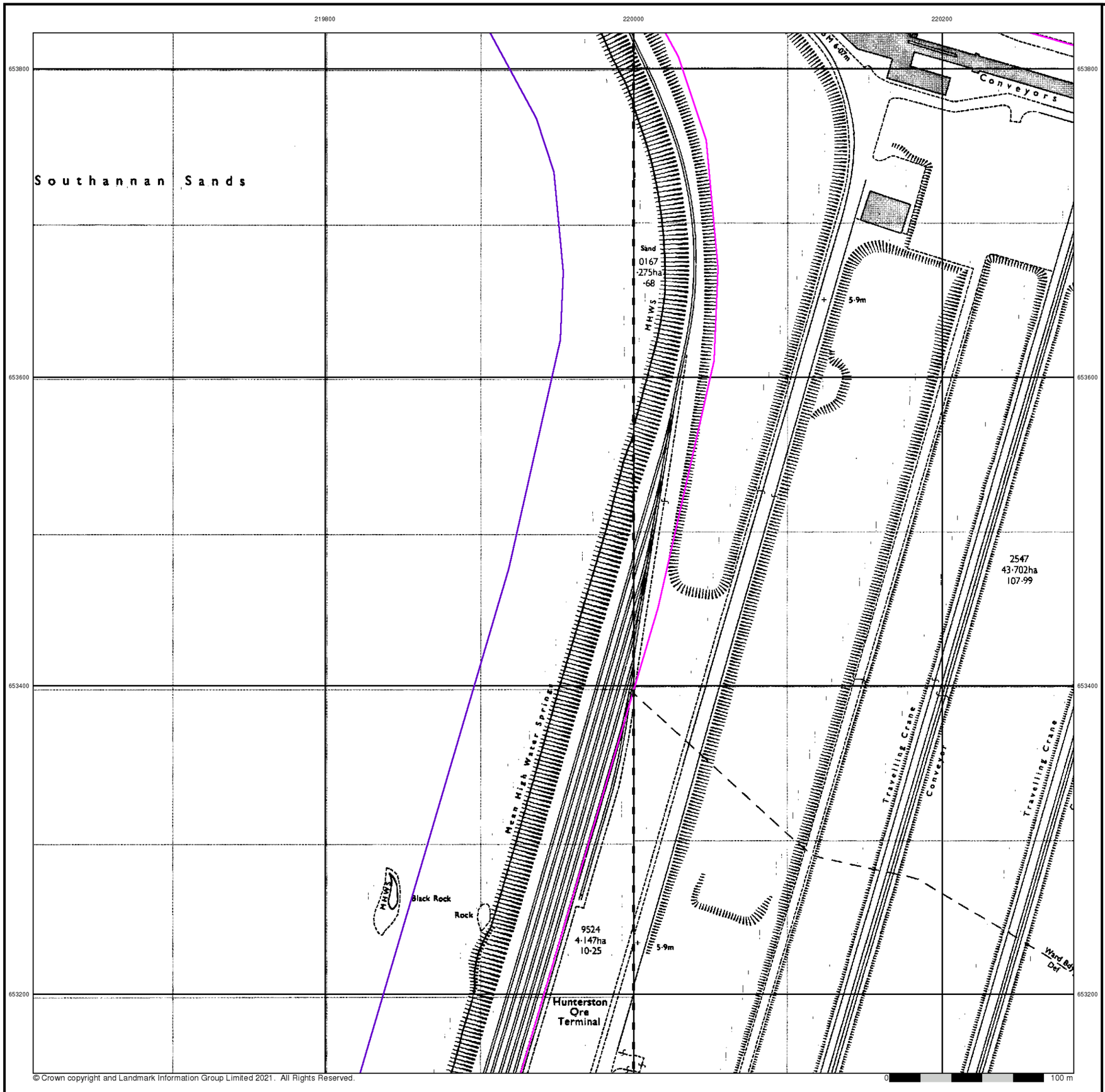


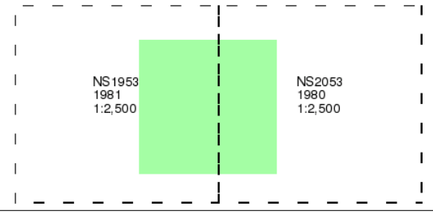
Ordnance Survey Plan

Published 1980 - 1981

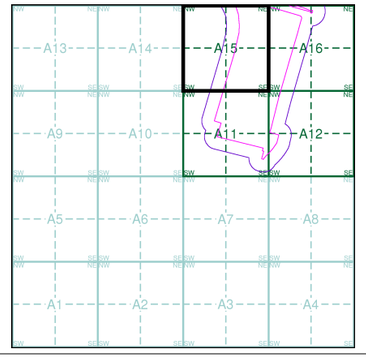
Source map scale - 1:2,500

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 A15



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
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Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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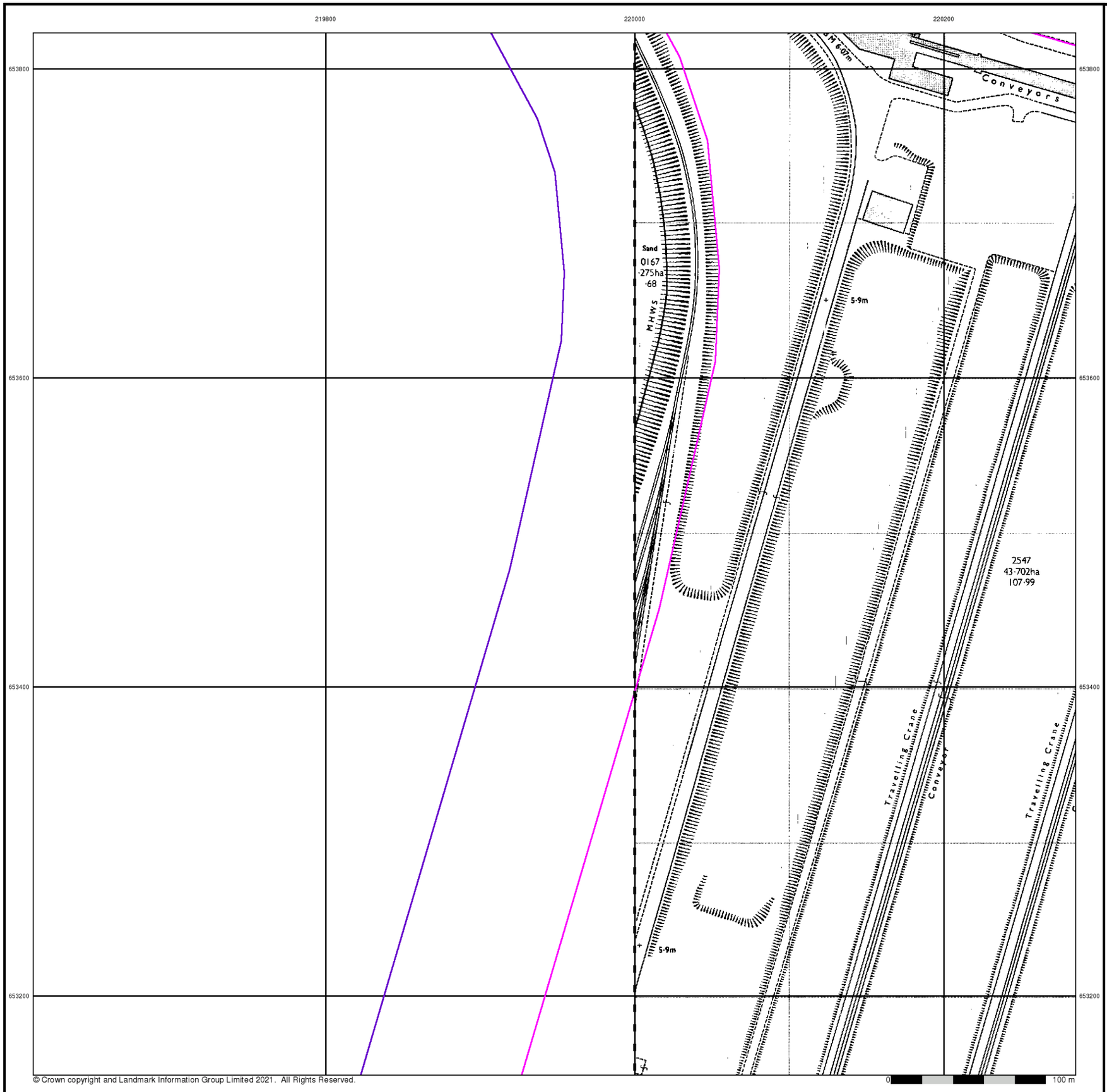
Web: www.envirocheck.co.uk



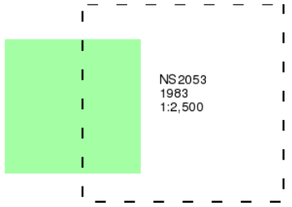
Ordnance Survey Plan

Published 1983

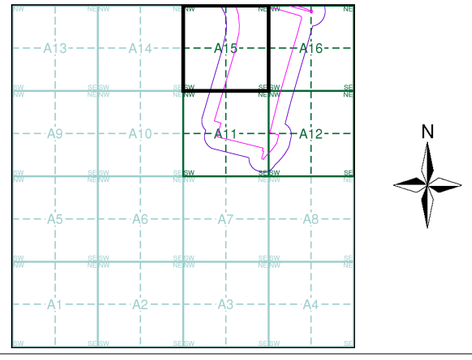
Source map scale - 1:2,500

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 A15



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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

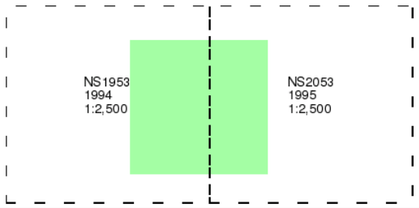
Large-Scale National Grid Data

Published 1994 - 1995

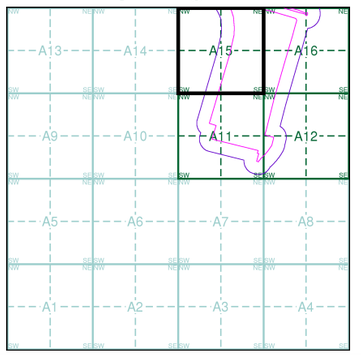
Source map scale - 1:2,500

'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 A15



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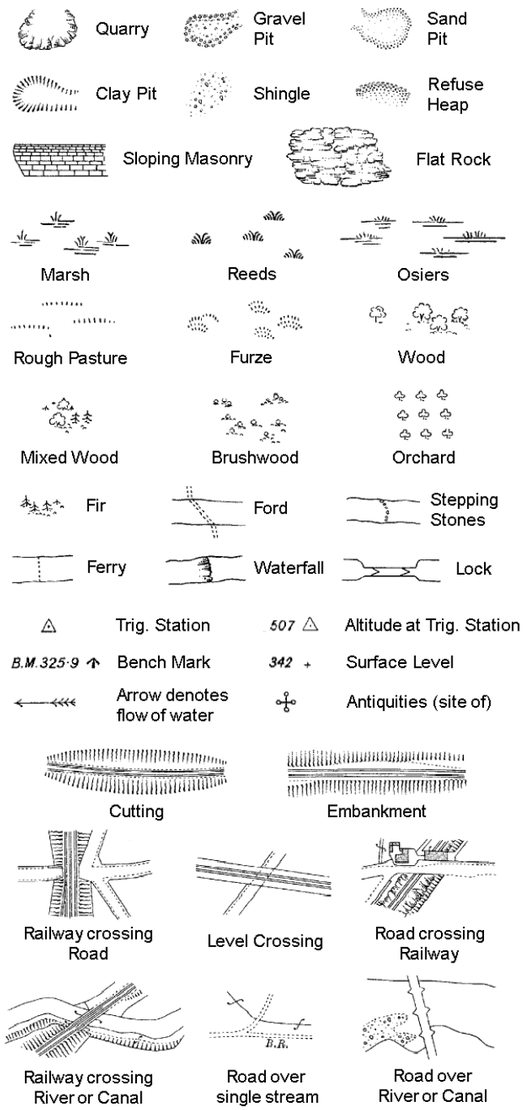
Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

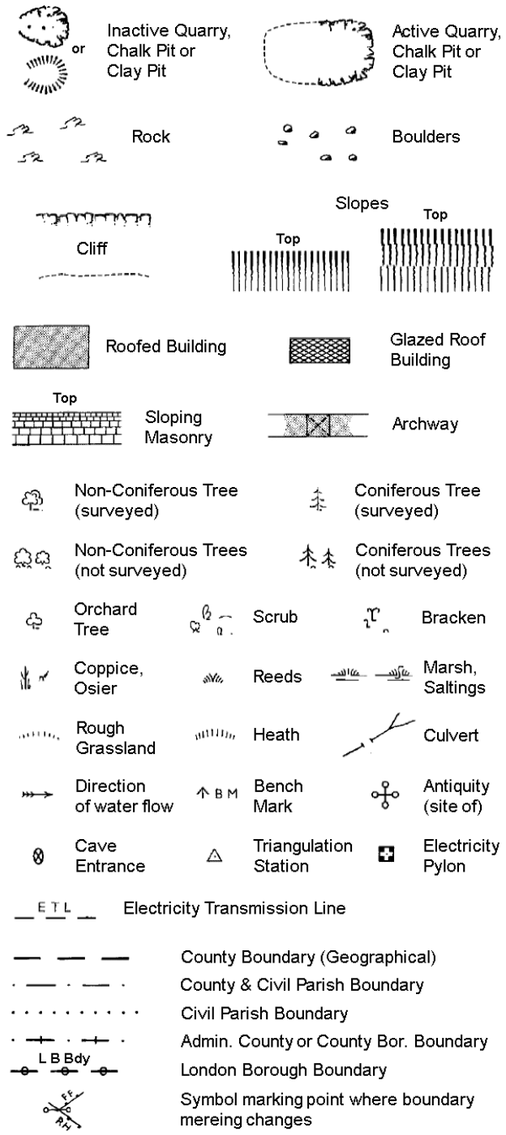
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	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	St.	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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

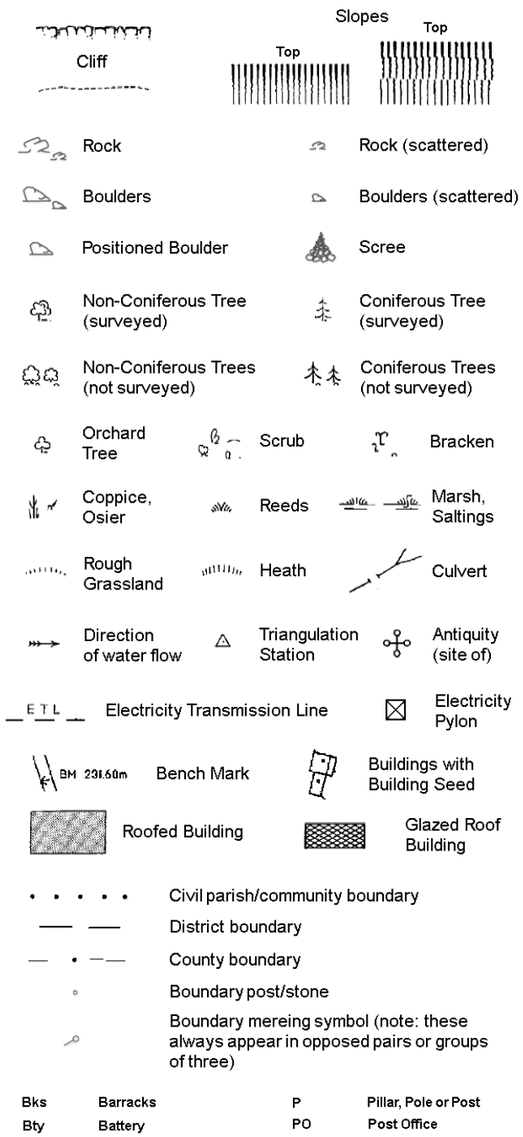
Admin. County or County Bor. Boundary

L B Bdy 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
El 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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

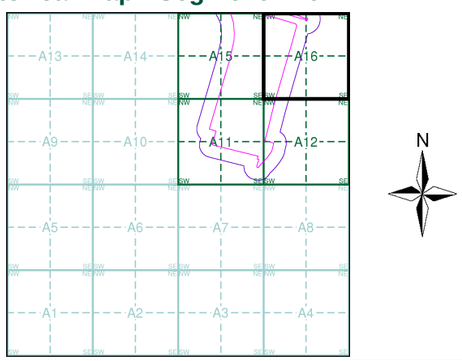
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

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
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El 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 Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Ayrshire	1:2,500	1856 - 1892	2
Ayrshire	1:2,500	1897	3
Ayrshire	1:2,500	1910	4
Ordnance Survey Plan	1:2,500	1966	5
Additional SIMs	1:2,500	1979	6
Ordnance Survey Plan	1:2,500	1980	7
Ordnance Survey Plan	1:2,500	1983	8
Large-Scale National Grid Data	1:2,500	1995	9

Historical Map - Segment A16



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Site Details

Site at 219948,653824

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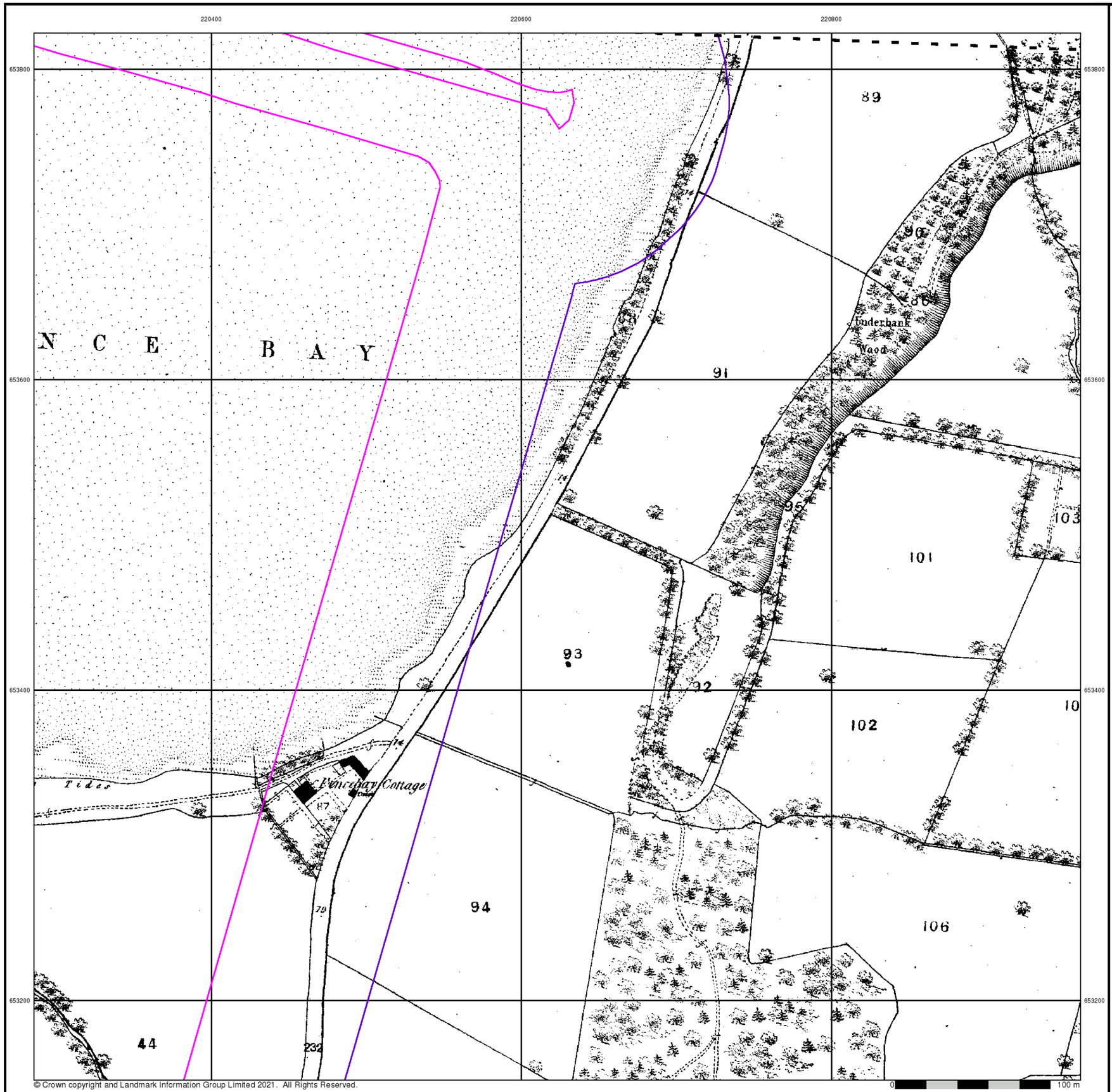

Ayrshire

Published 1856 - 1892

Source map scale - 1:2,500

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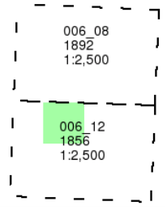
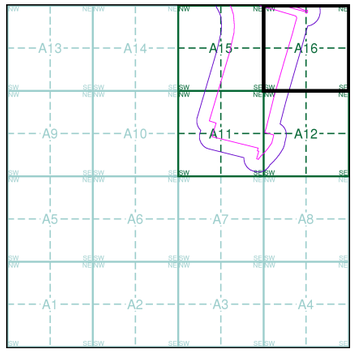
Map Name(s) and Date(s)



Historical Map - Segment A16



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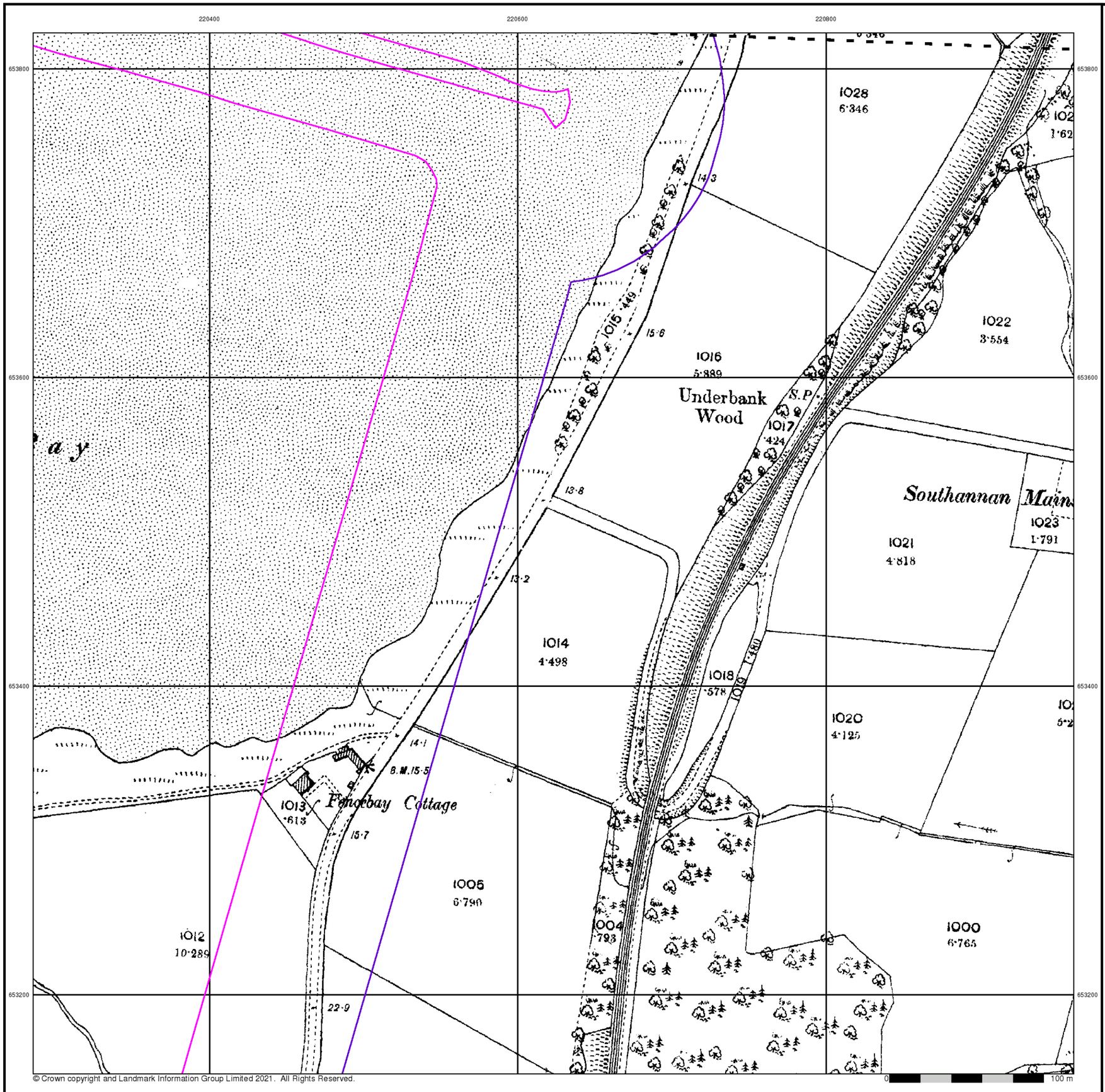

Ayrshire

Published 1897

Source map scale - 1:2,500

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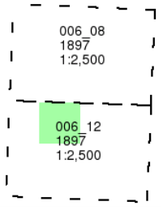
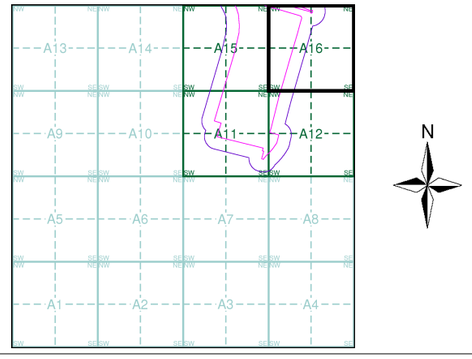
Map Name(s) and Date(s)



Historical Map - Segment A16



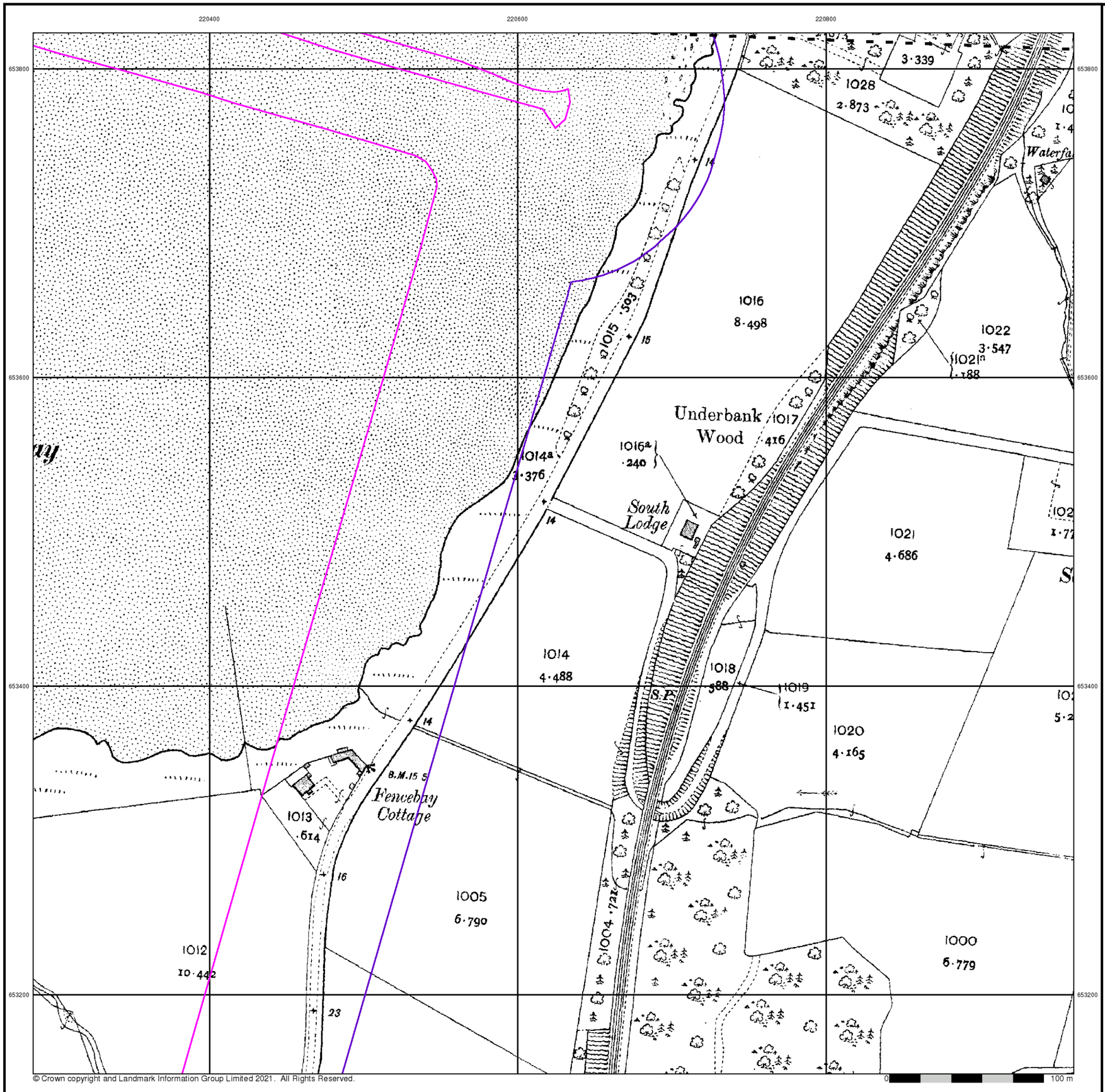
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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



Ayrshire

Published 1910

Source map scale - 1:2,500

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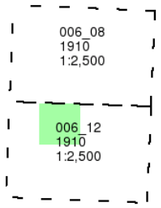
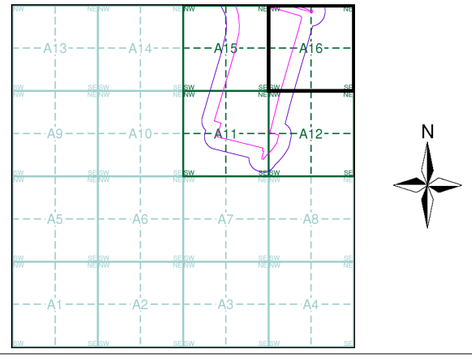


Historical Map - Segment A16



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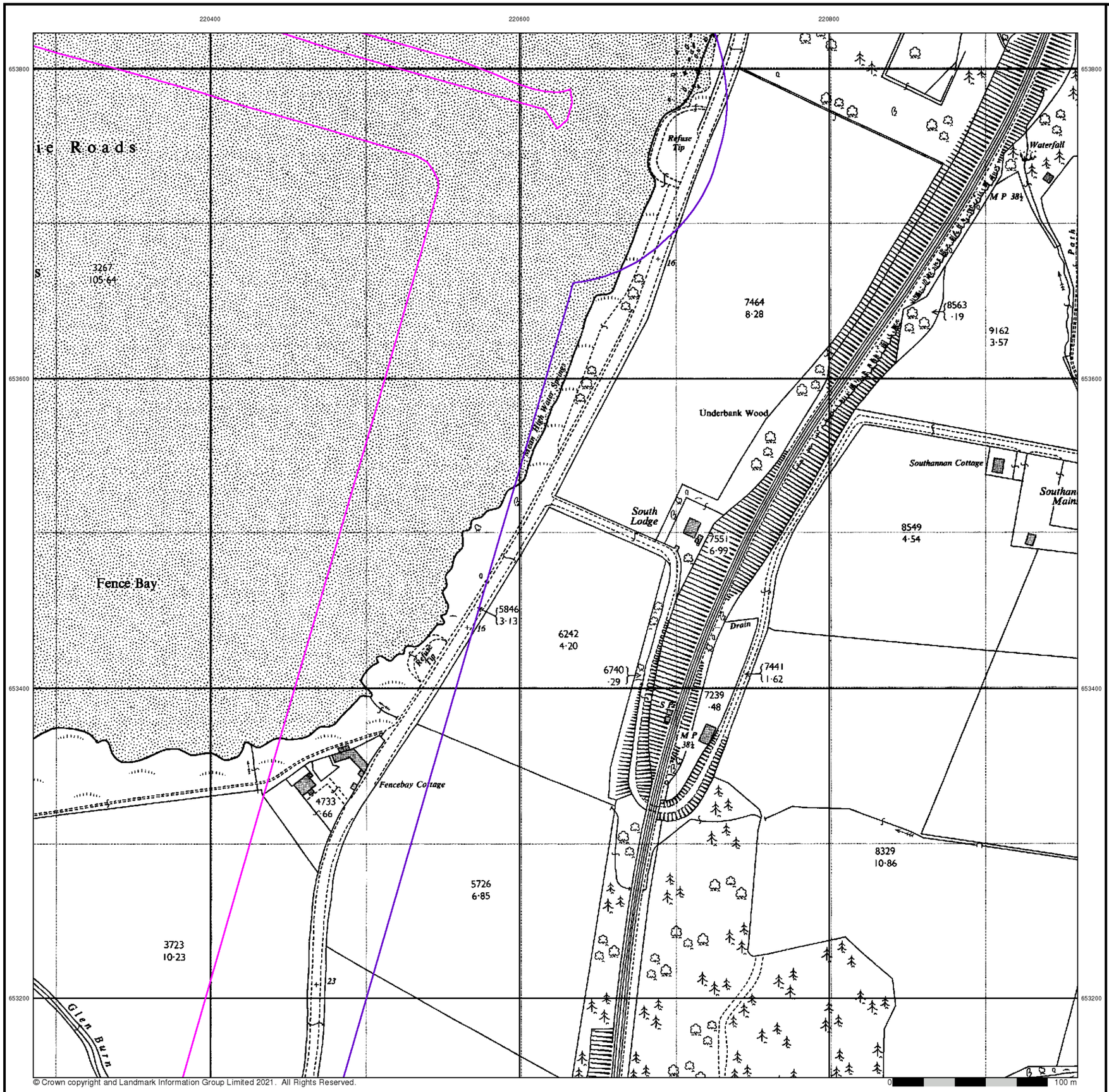

Ordnance Survey Plan

Published 1966

Source map scale - 1:2,500

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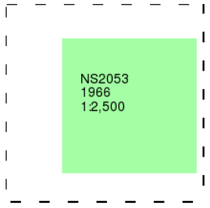
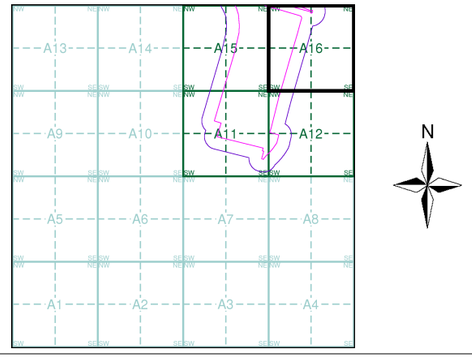


Historical Map - Segment A16



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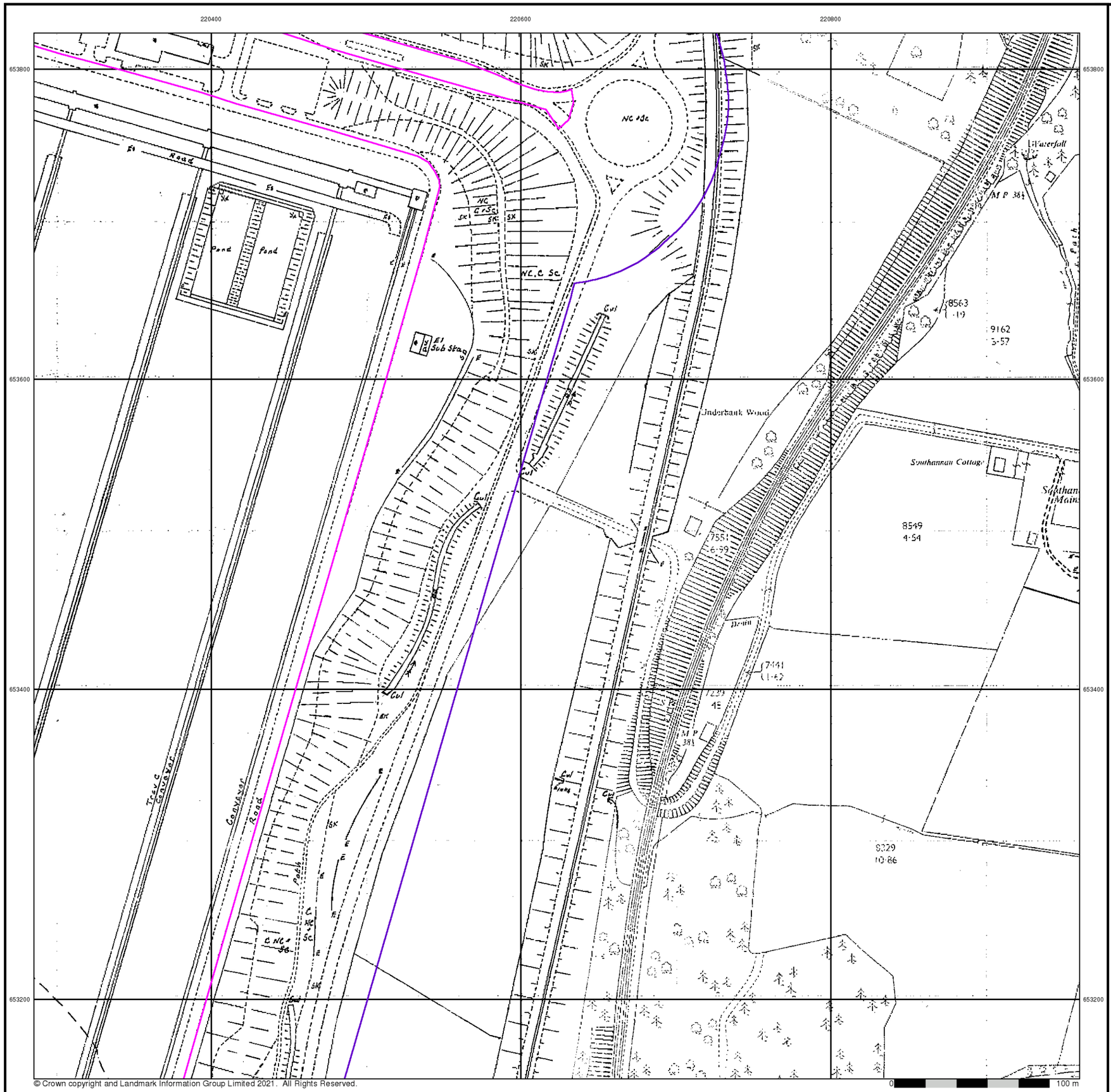


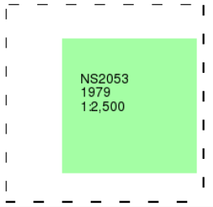
Additional SIMs

Published 1979

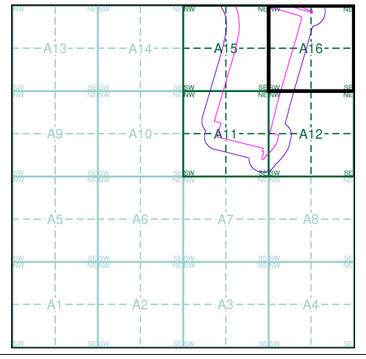
Source map scale - 1:2,500

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 A16



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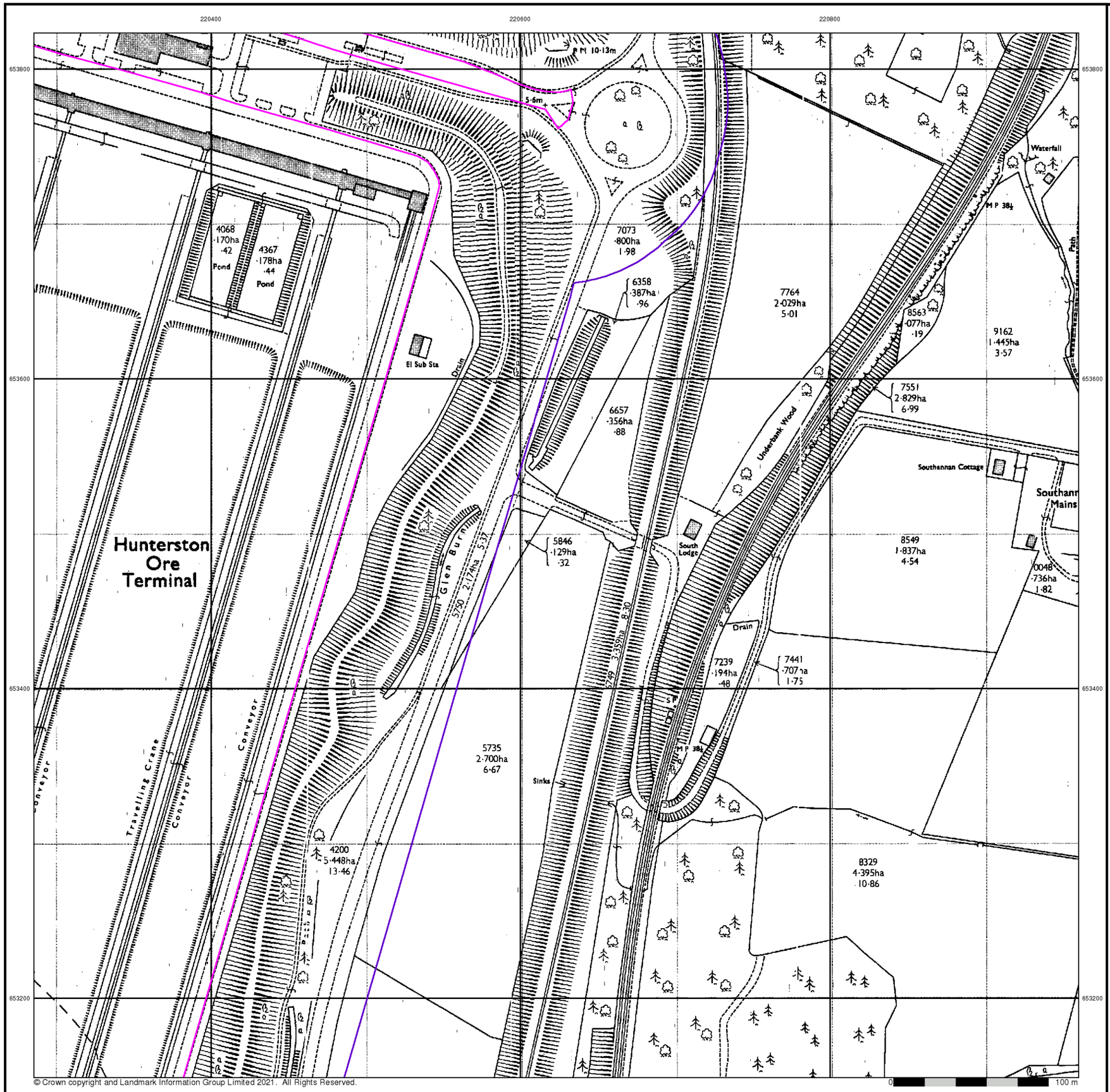

Ordnance Survey Plan

Published 1980

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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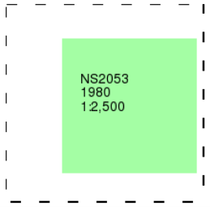
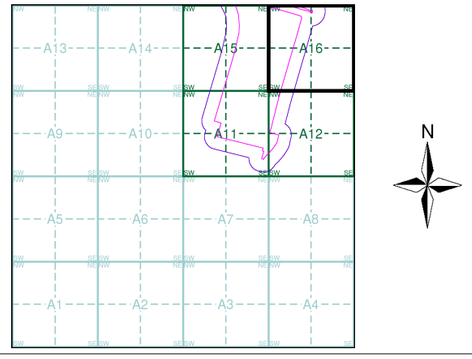


Historical Map - Segment A16



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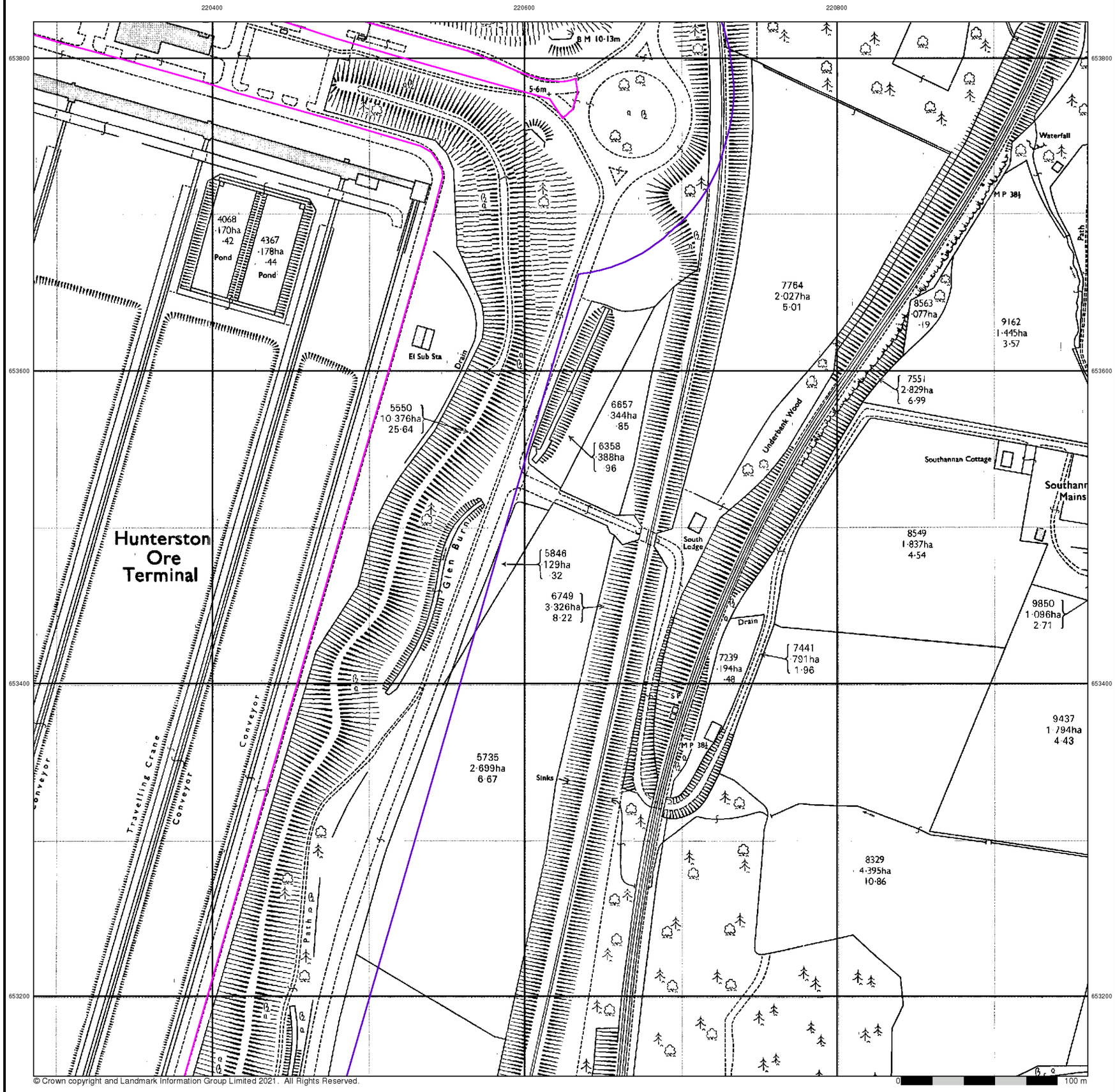


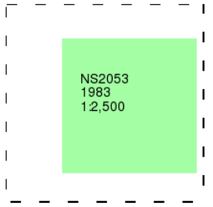
Ordnance Survey Plan

Published 1983

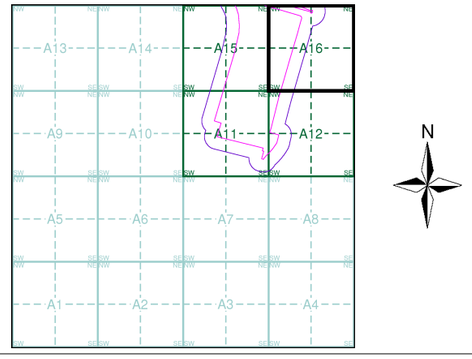
Source map scale - 1:2,500

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 A16



Order Details

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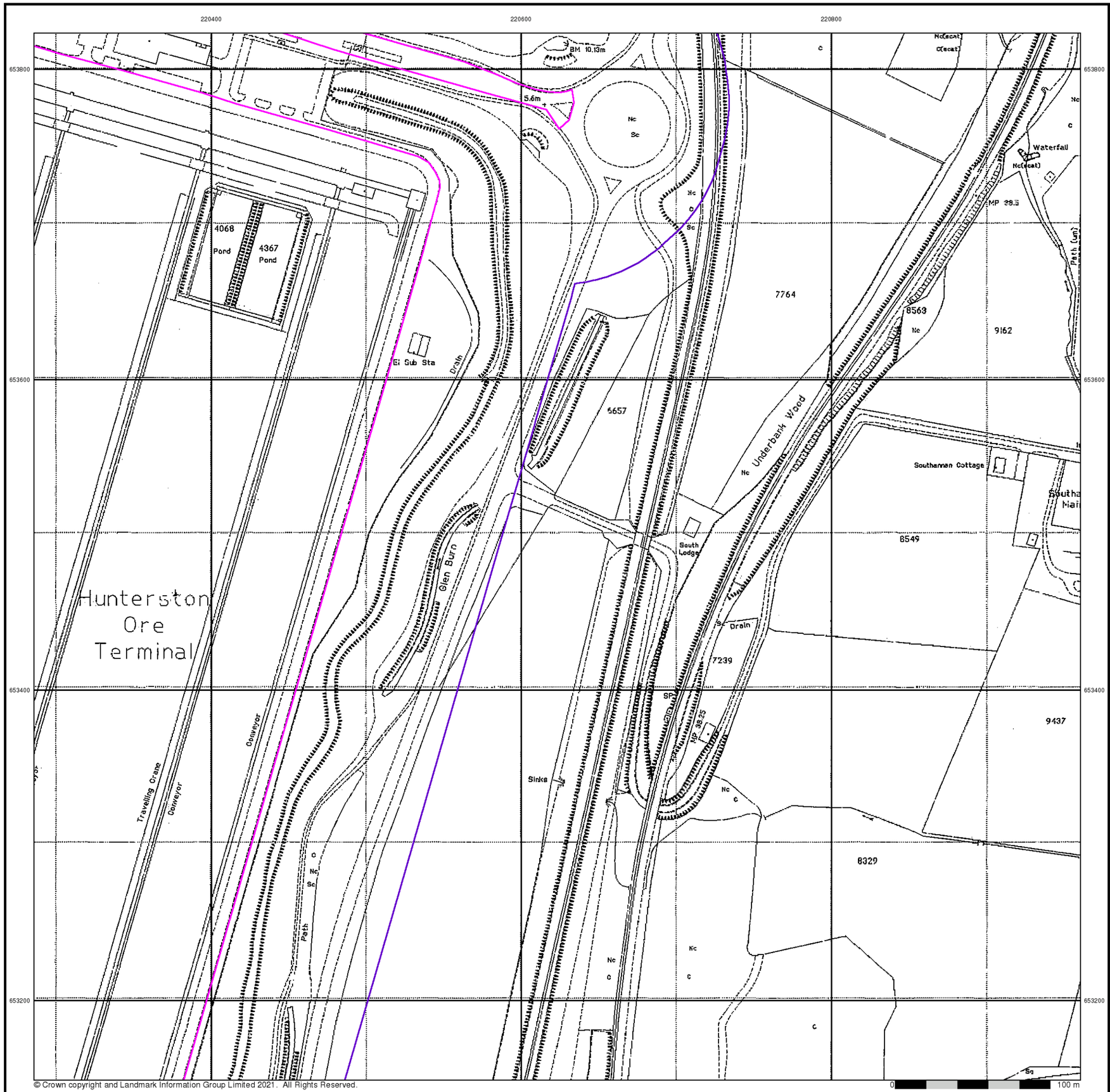


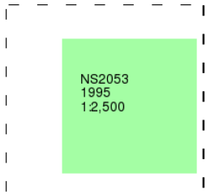
Large-Scale National Grid Data

Published 1995

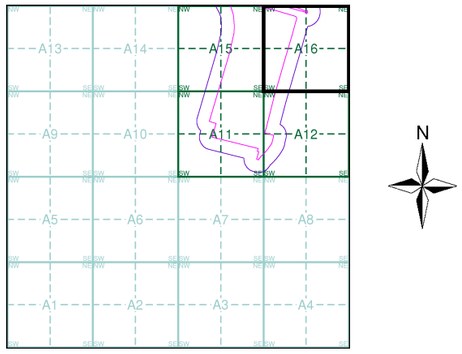
Source map scale - 1:2,500

'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 A16



Order Details

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Customer Ref:	JER9266
National Grid Reference:	219970, 652810
Slice:	A
Site Area (Ha):	54.89
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Site 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
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
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
Co. Boro. Bdy.
County Borough Boundary (England)
Co. Burgh Bdy.
County Burgh Boundary (Scotland)
R.D. Bdy.
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
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Pylon
Electricity Transmission Line
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
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

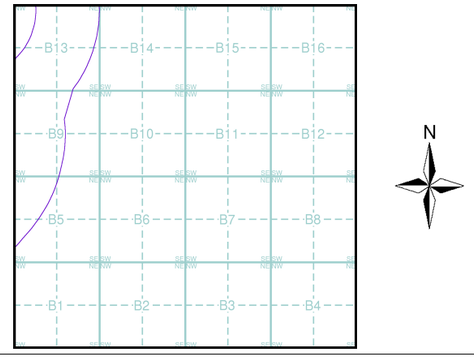
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Mud
Sand
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or 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)
BM 123.45 m 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

rps

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Ayrshire	1:10,560	1857 - 1858	2
Argyllshire	1:10,560	1869	3
Argyllshire	1:10,560	1897	4
Ayrshire	1:10,560	1897	5
Ayrshire	1:10,560	1911 - 1912	6
Argyllshire	1:10,560	1938	7
Ordnance Survey Plan	1:10,000	1958	8
Ordnance Survey Plan	1:10,000	1980	9
10K Raster Mapping	1:10,000	2001	10
Street View	Variable		11

Historical Map - Slice B



Order Details

Order Number: 287571652_1_1
Customer Ref: JER9266
National Grid Reference: 221210, 653090
Slice: B
Site Area (Ha): 54.89
Search Buffer (m): 1000

Site Details

Site at 219948,653824

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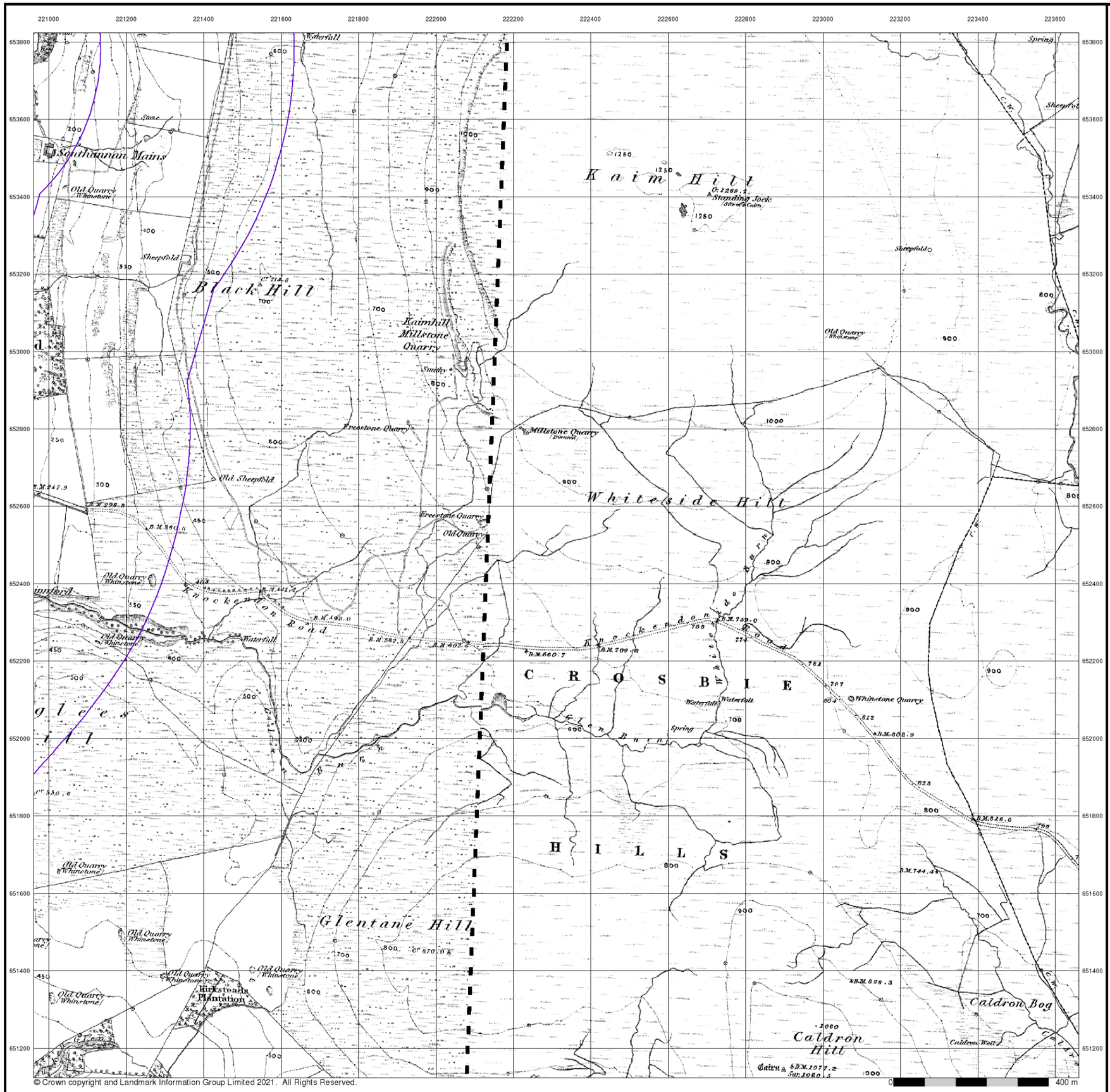

Ayrshire

Published 1857 - 1858

Source map scale - 1:10,560

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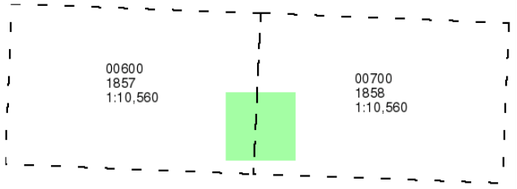
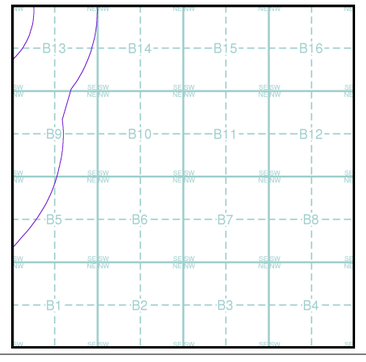
Map Name(s) and Date(s)



Historical Map - Slice B



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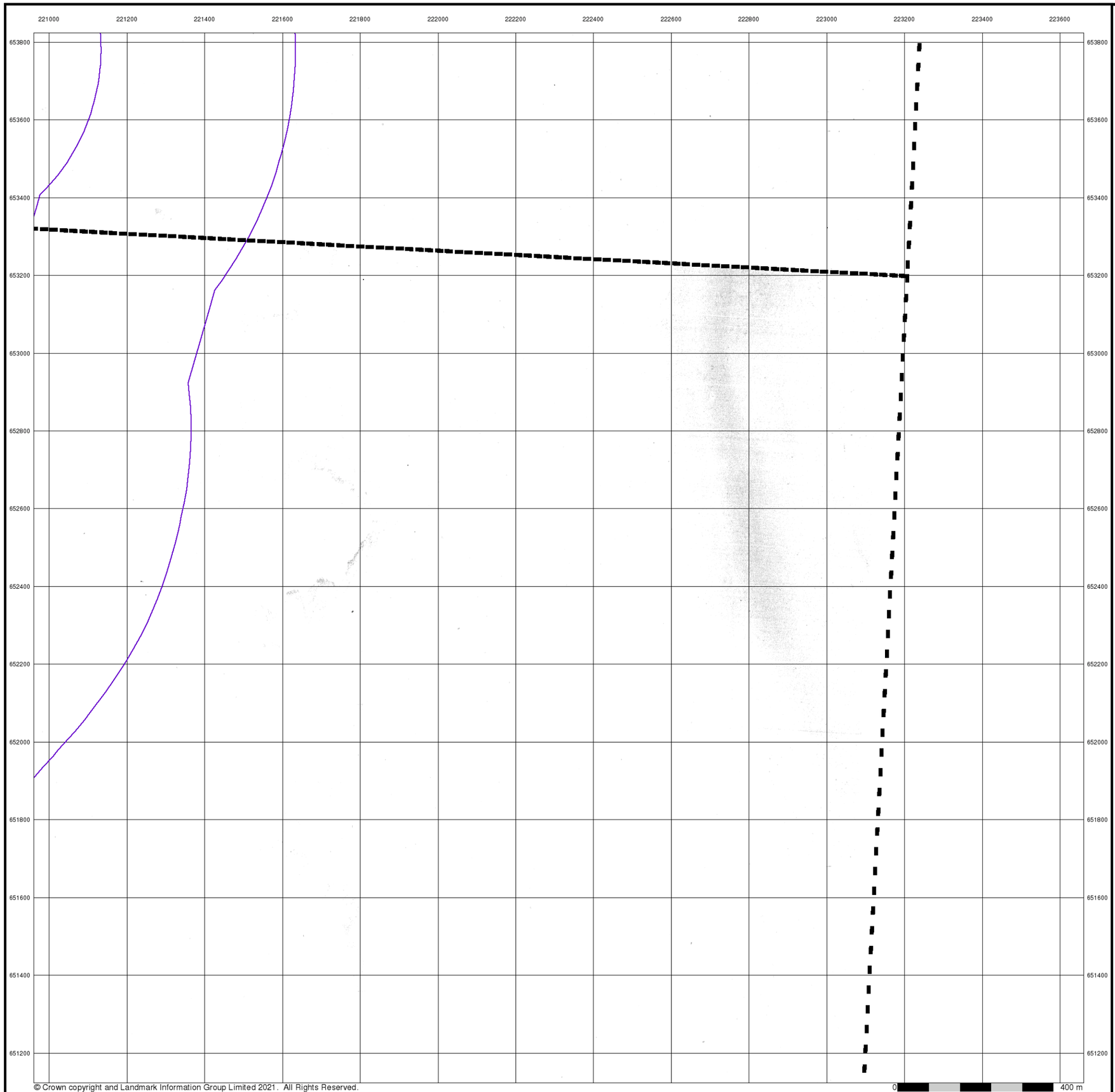

Argyllshire

Published 1869

Source map scale - 1:10,560

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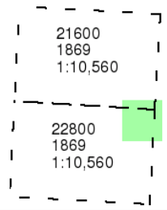
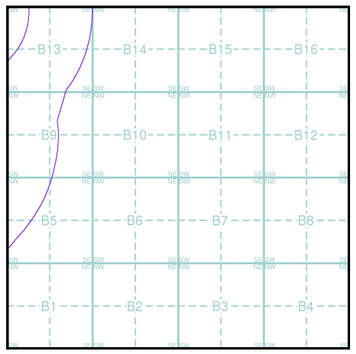


Historical Map - Slice B



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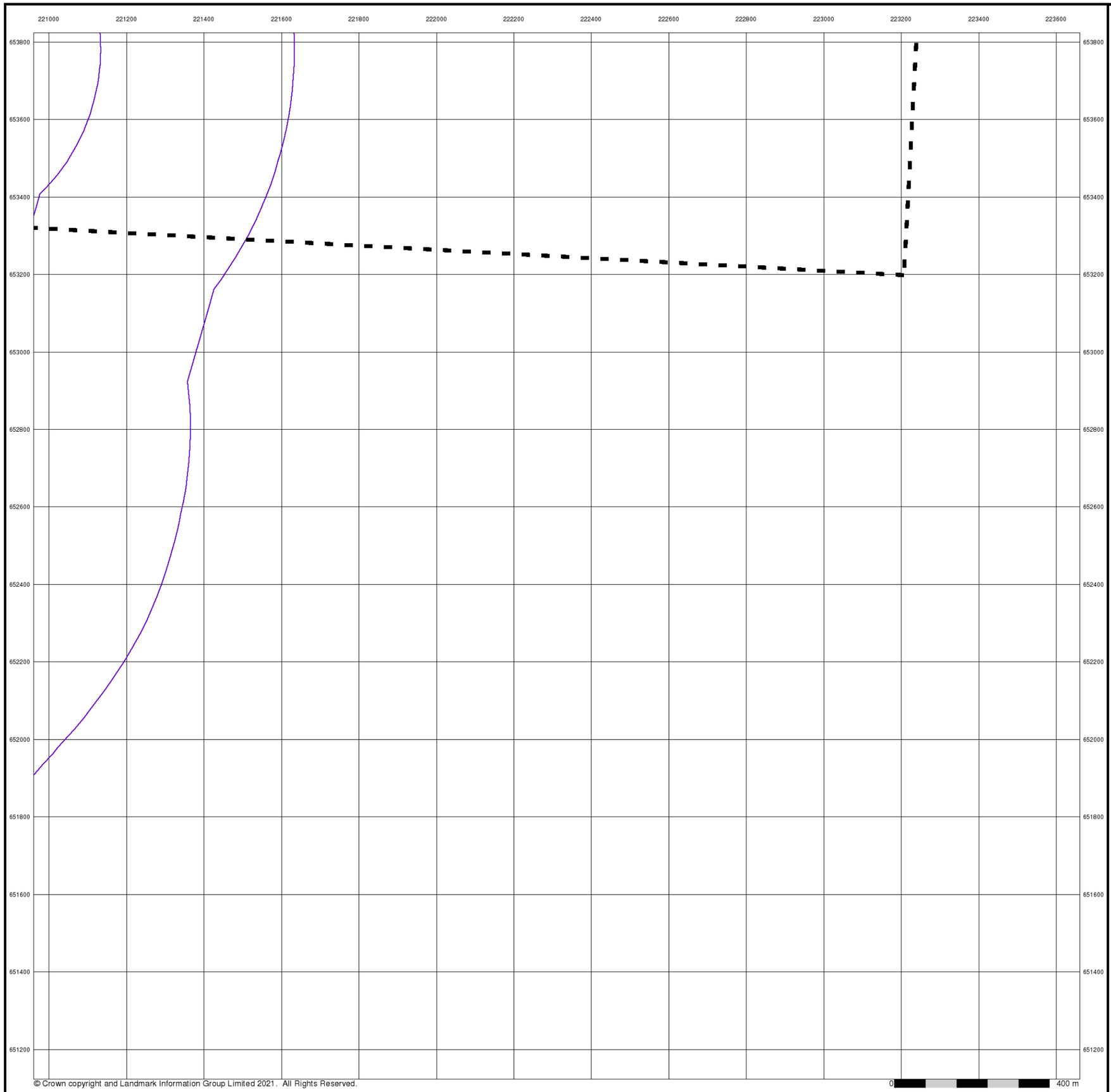

Argyllshire

Published 1897

Source map scale - 1:10,560

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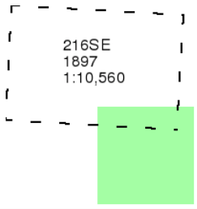
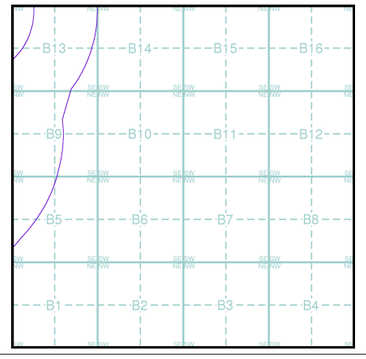


Historical Map - Slice B



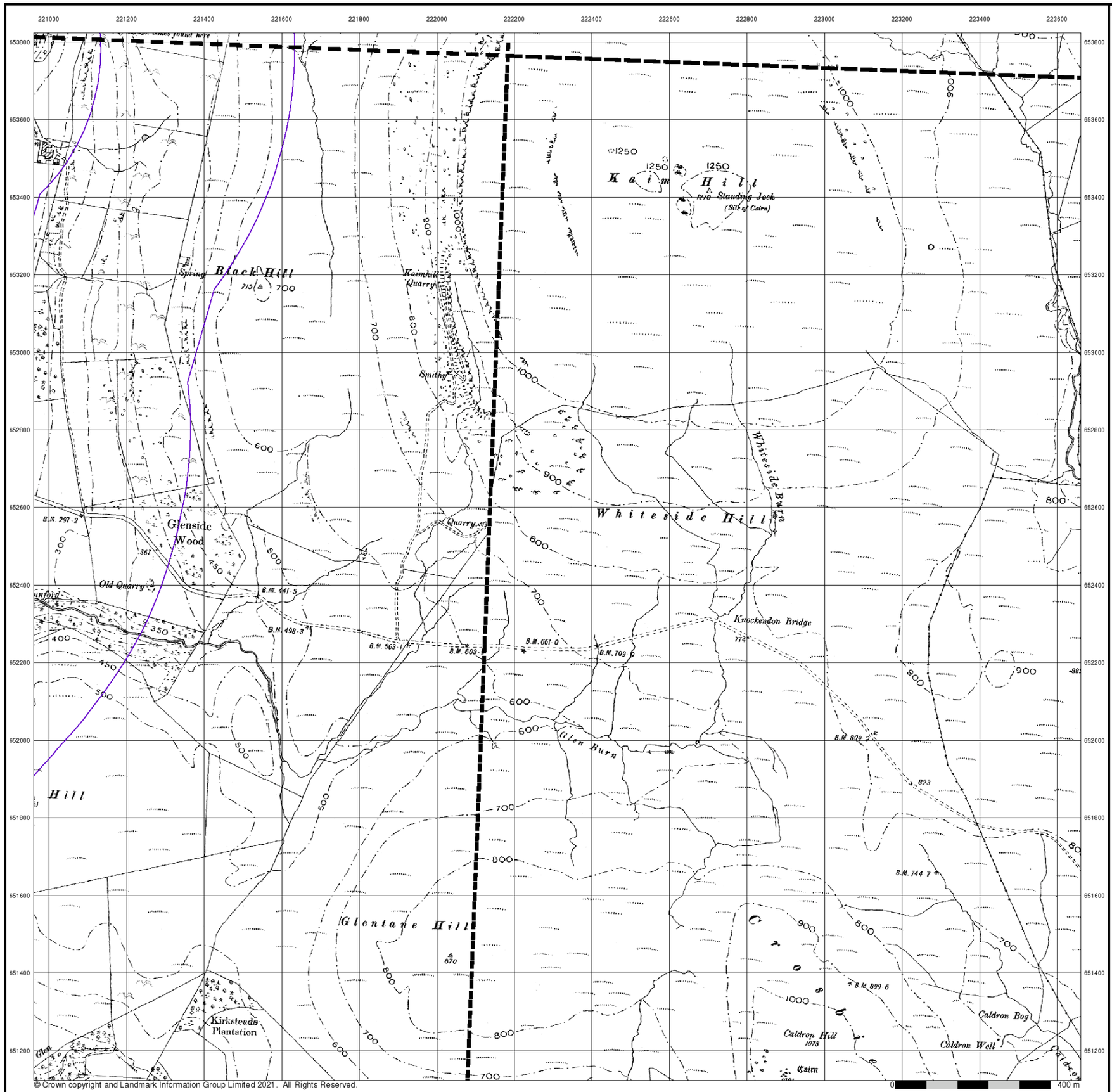
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221210, 653090
Slice:	B
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



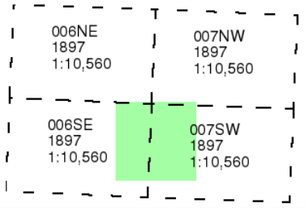
Ayrshire

Published 1897

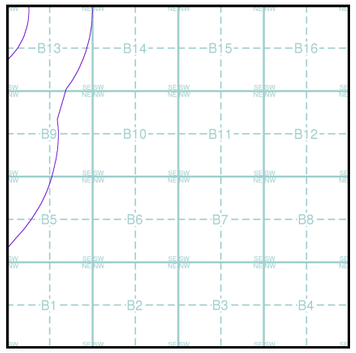
Source map scale - 1:10,560

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 B



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221210, 653090
Slice:	B
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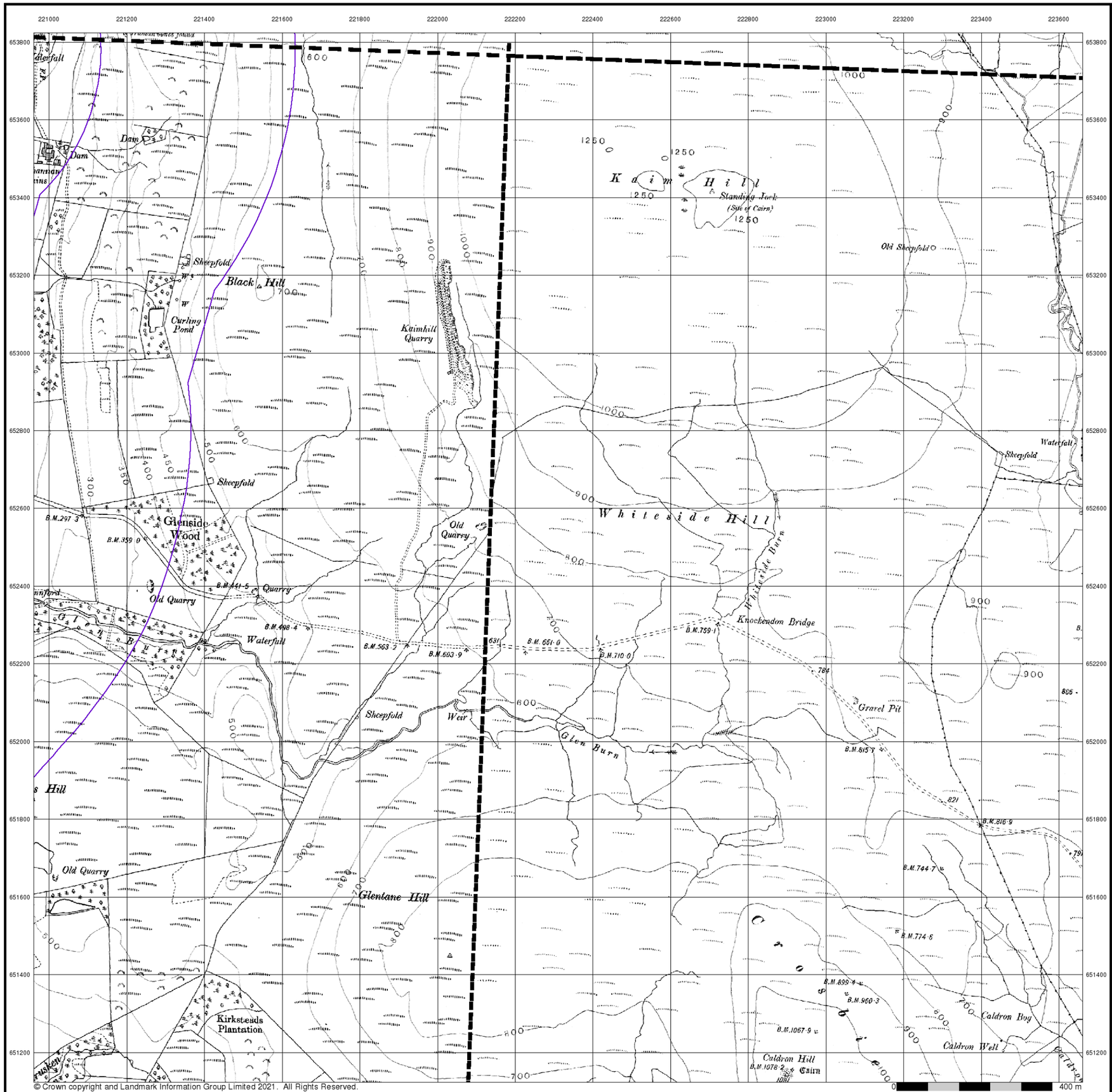

Ayrshire

Published 1911 - 1912

Source map scale - 1:10,560

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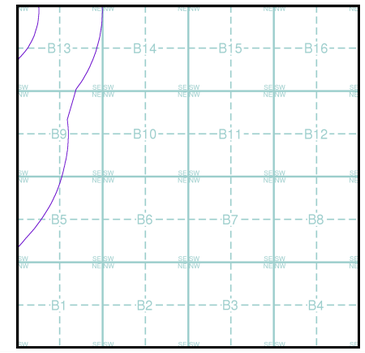
Map Name(s) and Date(s)

006NE 1912 1:10,560	007NW 1911 1:10,560
006SE 1911 1:10,560	007SW 1911 1:10,560

Historical Map - Slice B



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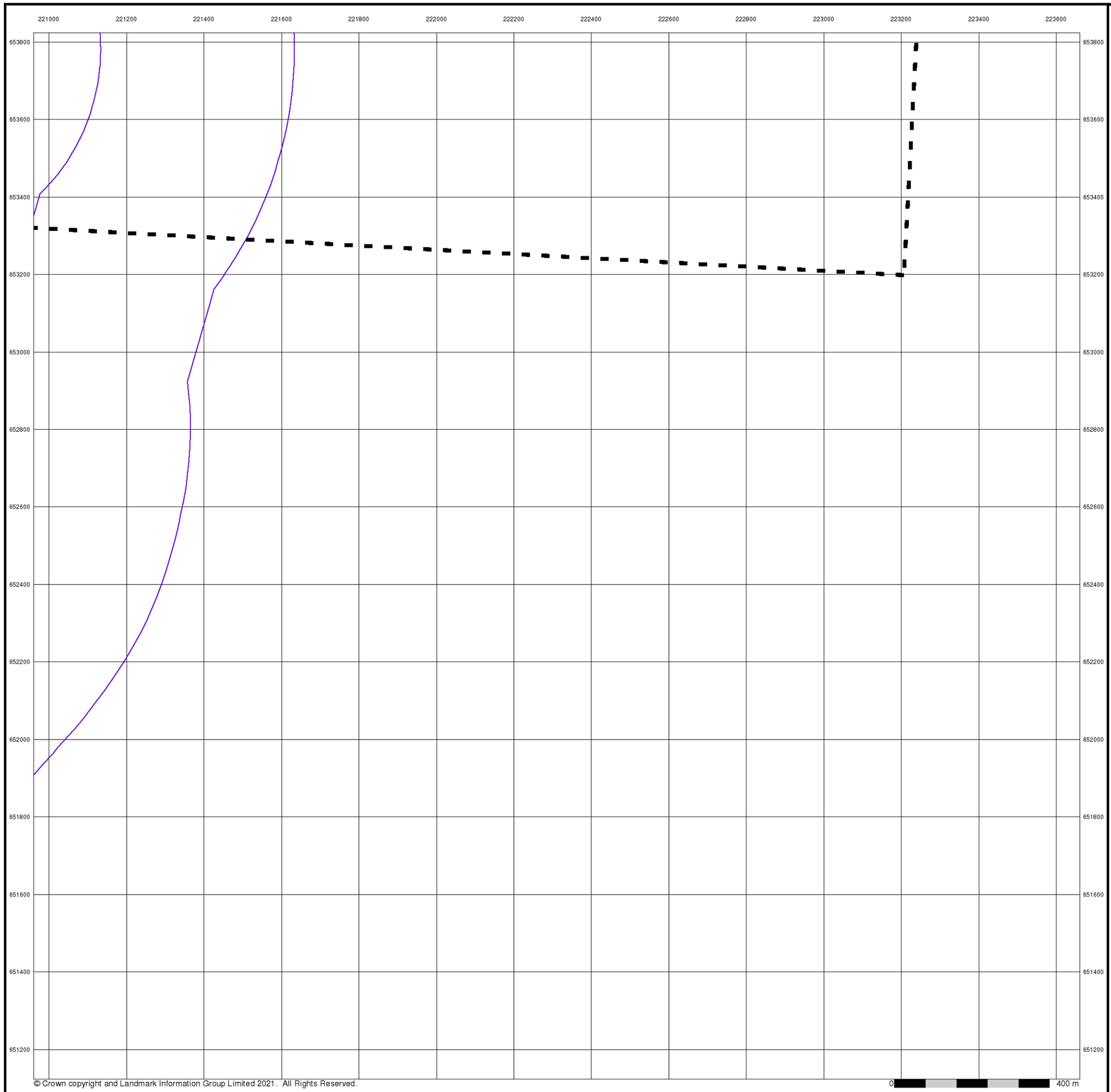

Argyllshire

Published 1938

Source map scale - 1:10,560

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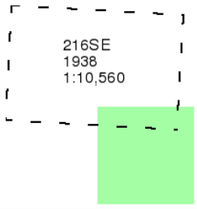
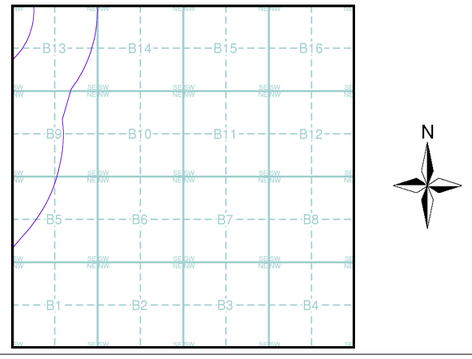
Map Name(s) and Date(s)



Historical Map - Slice B



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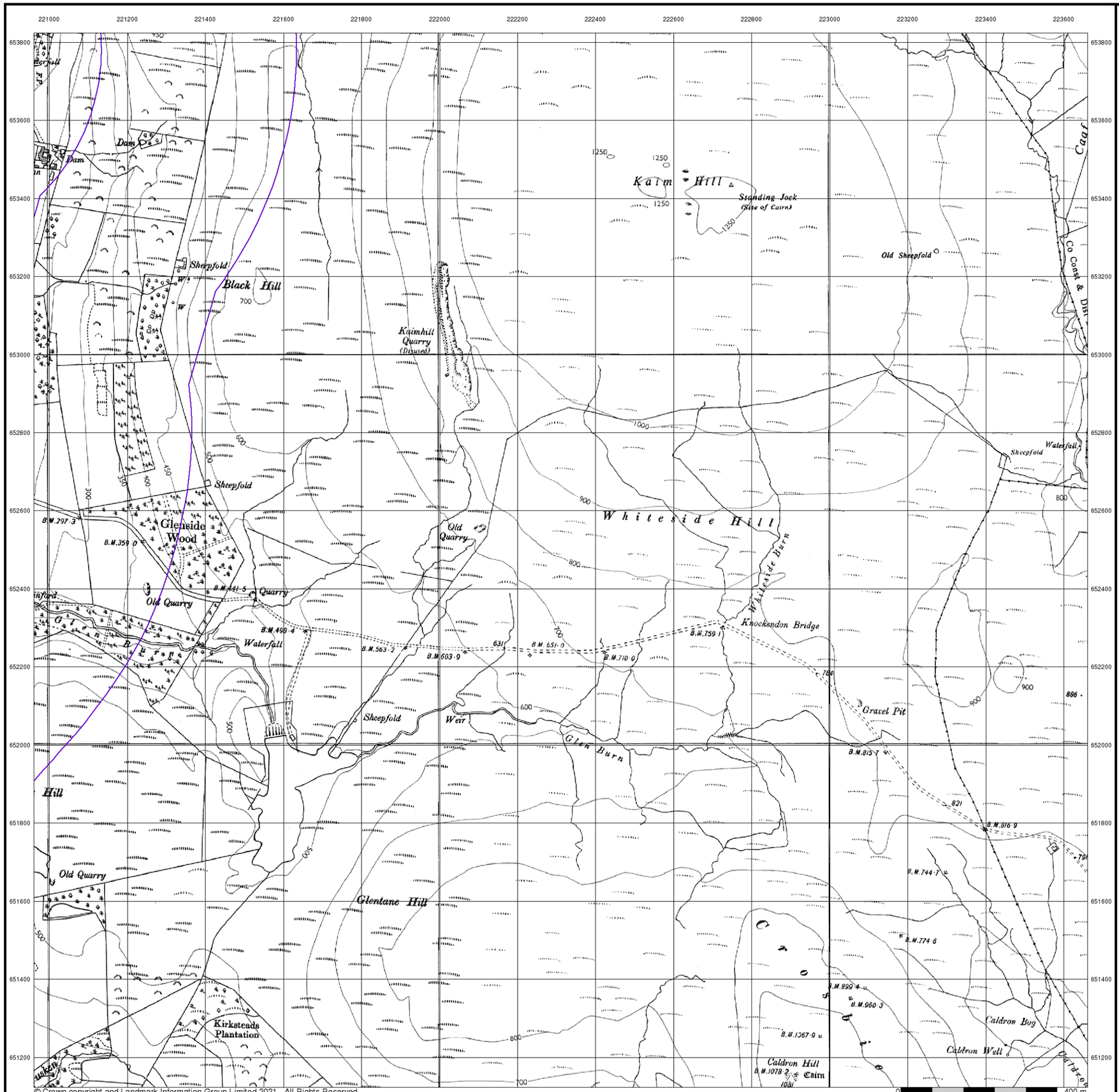

Ordnance Survey Plan

Published 1958

Source map scale - 1:10,000

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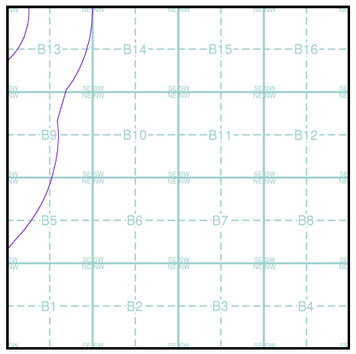
Map Name(s) and Date(s)

NS25SW
1958
1:10,560

Historical Map - Slice B



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Order Number:	287571652_1_1
Customer Ref:	JER9266
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Slice:	B
Site Area (Ha):	54.89
Search Buffer (m):	1000

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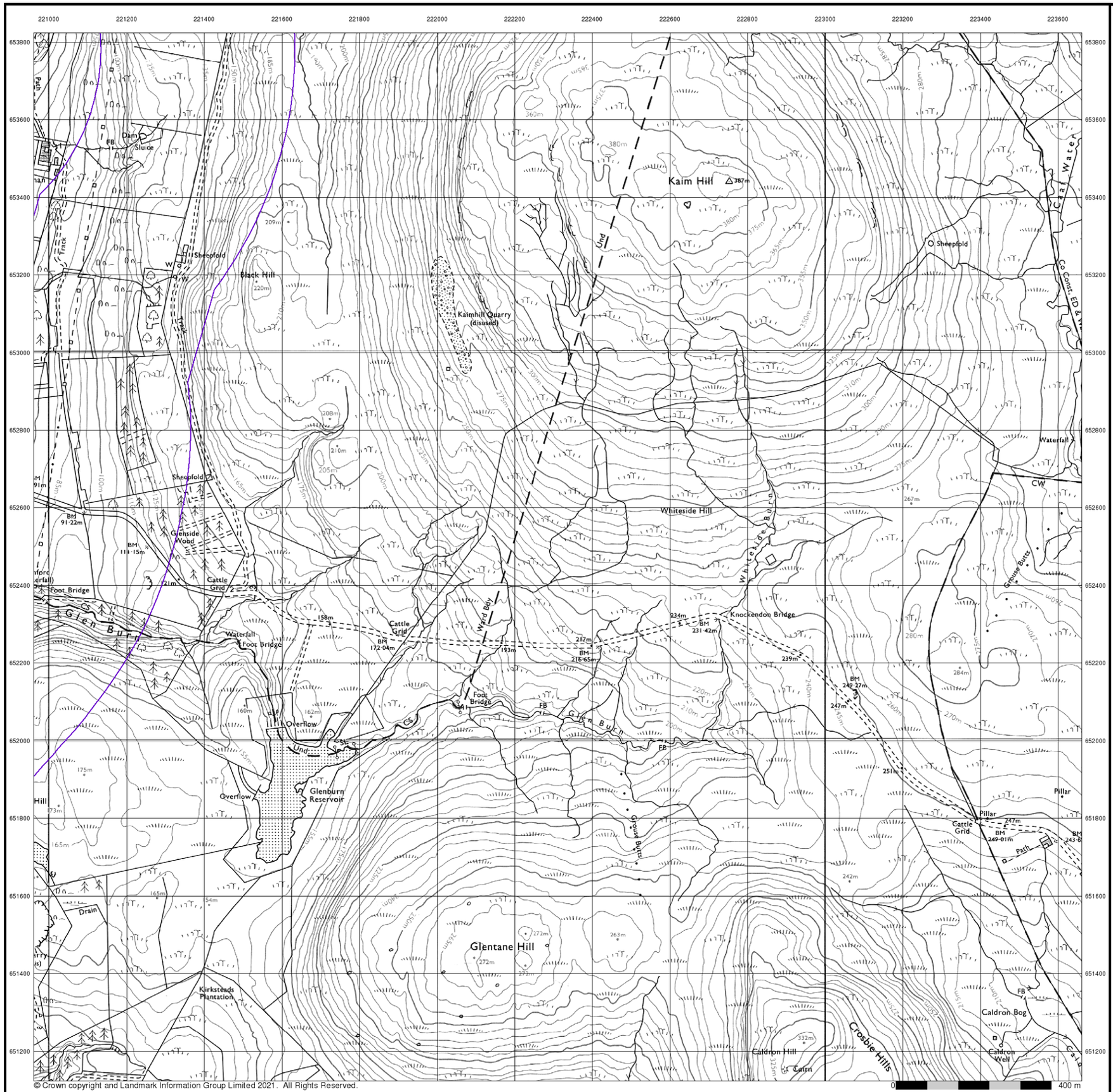


Ordnance Survey Plan

Published 1980

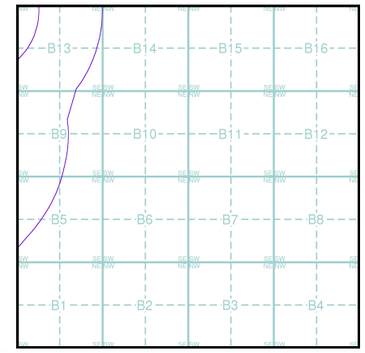
Source map scale - 1:10,000

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)

NS25SW
1980
1:10,000

Historical Map - Slice B



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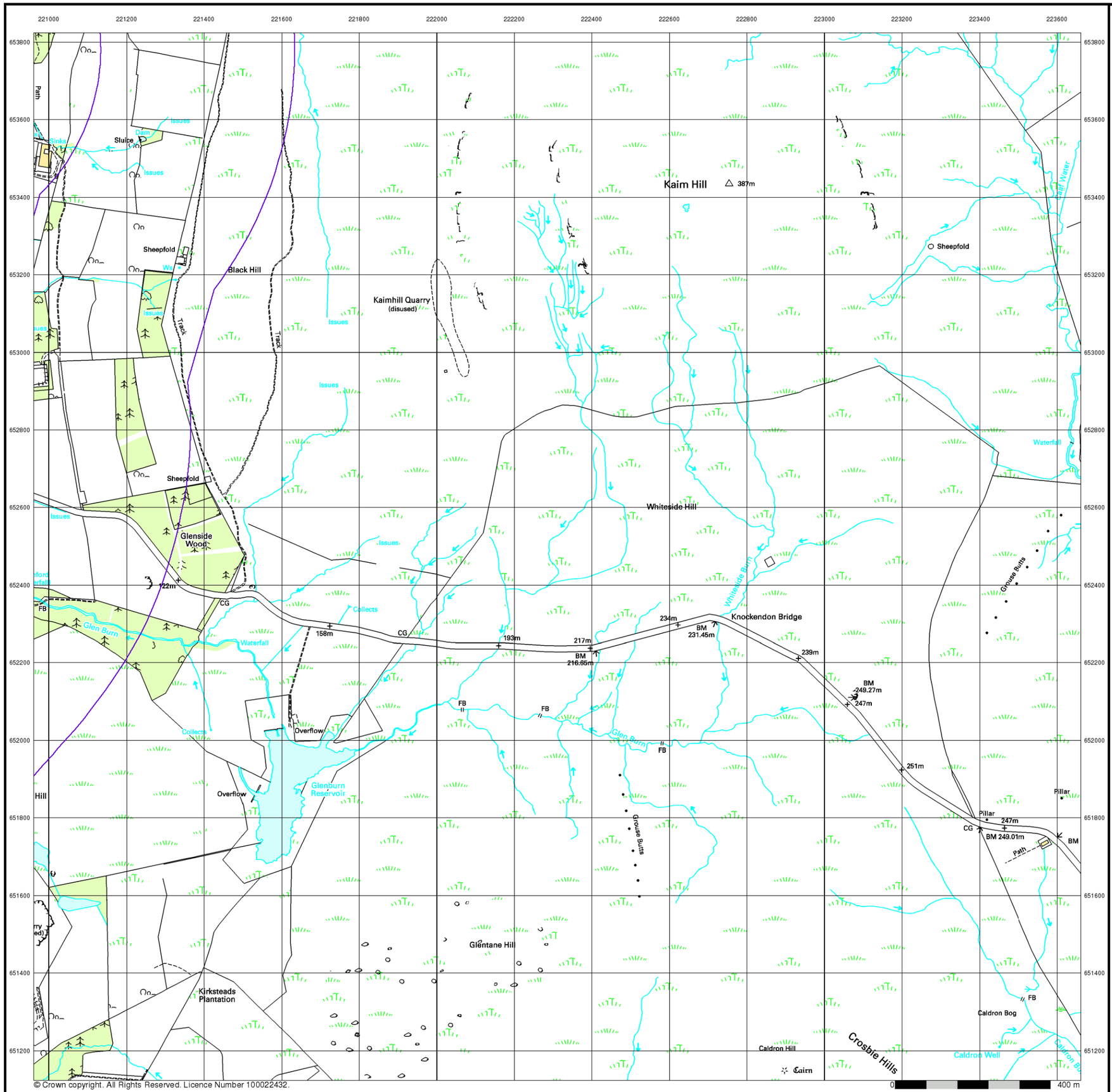


10k Raster Mapping

Published 2001

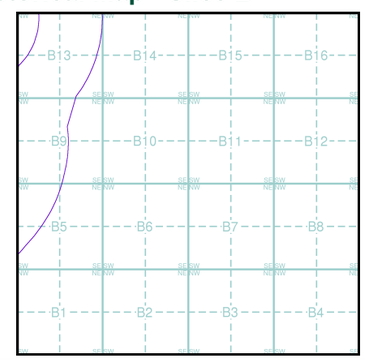
Source map scale - 1:10,000

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)

NS25SW
2001
1:10,000

Historical Map - Slice B



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221210, 653090
Slice:	B
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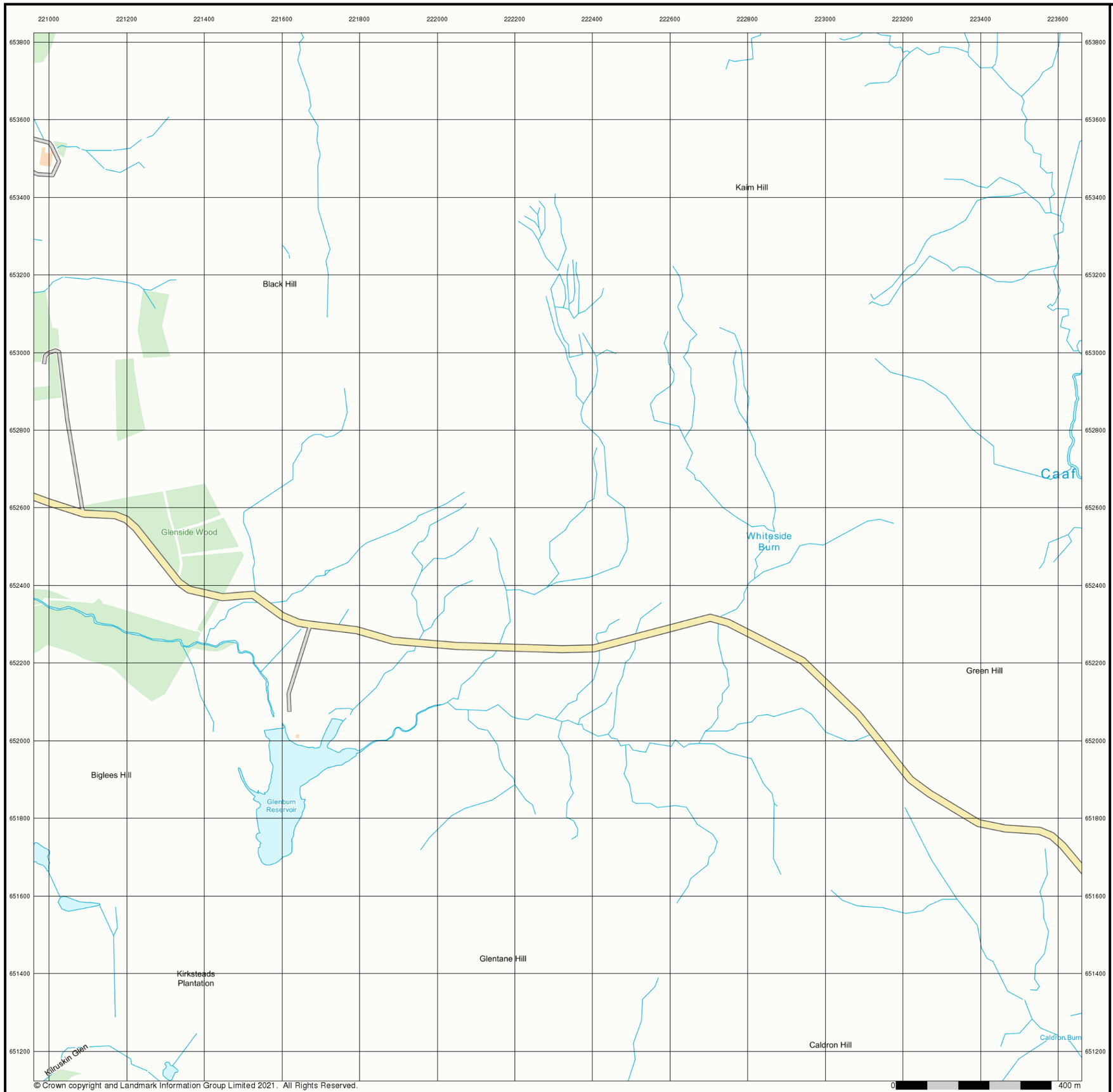


Street View

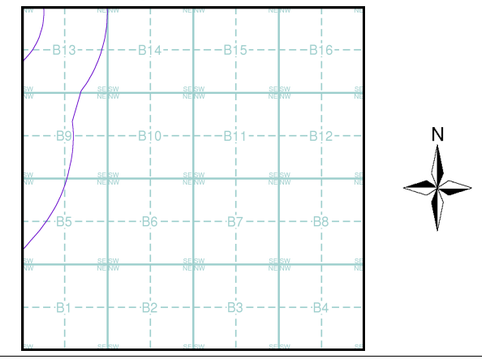
Published 2021

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

Street View Map - Slice B



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221210, 653090
Slice:	B
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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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
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
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
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. 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
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Electricity Transmission Line
Pole
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
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

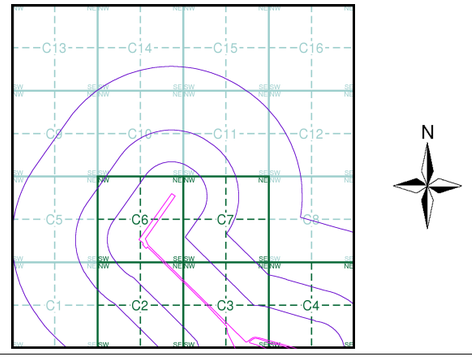
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community 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)
BM 123.45 m 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

rps

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Ayrshire	1:10,560	1857	2
Argyllshire	1:10,560	1869	3
Argyllshire	1:10,560	1897	4
Ayrshire	1:10,560	1897	5
Ayrshire	1:10,560	1911 - 1912	6
Argyllshire	1:10,560	1938	7
Ordnance Survey Plan	1:10,000	1957 - 1958	8
Ordnance Survey Plan	1:10,000	1964	9
Ordnance Survey Plan	1:10,000	1970	10
Ordnance Survey Plan	1:10,000	1980 - 1987	11
10K Raster Mapping	1:10,000	2001	12
Street View	Variable		13

Historical Map - Slice C



Order Details

Order Number: 287571652_1_1
Customer Ref: JER9266
National Grid Reference: 219580, 654790
Slice: C
Site Area (Ha): 54.89
Search Buffer (m): 1000

Site Details

Site at 219948,653824

Landmark INFORMATION GROUP
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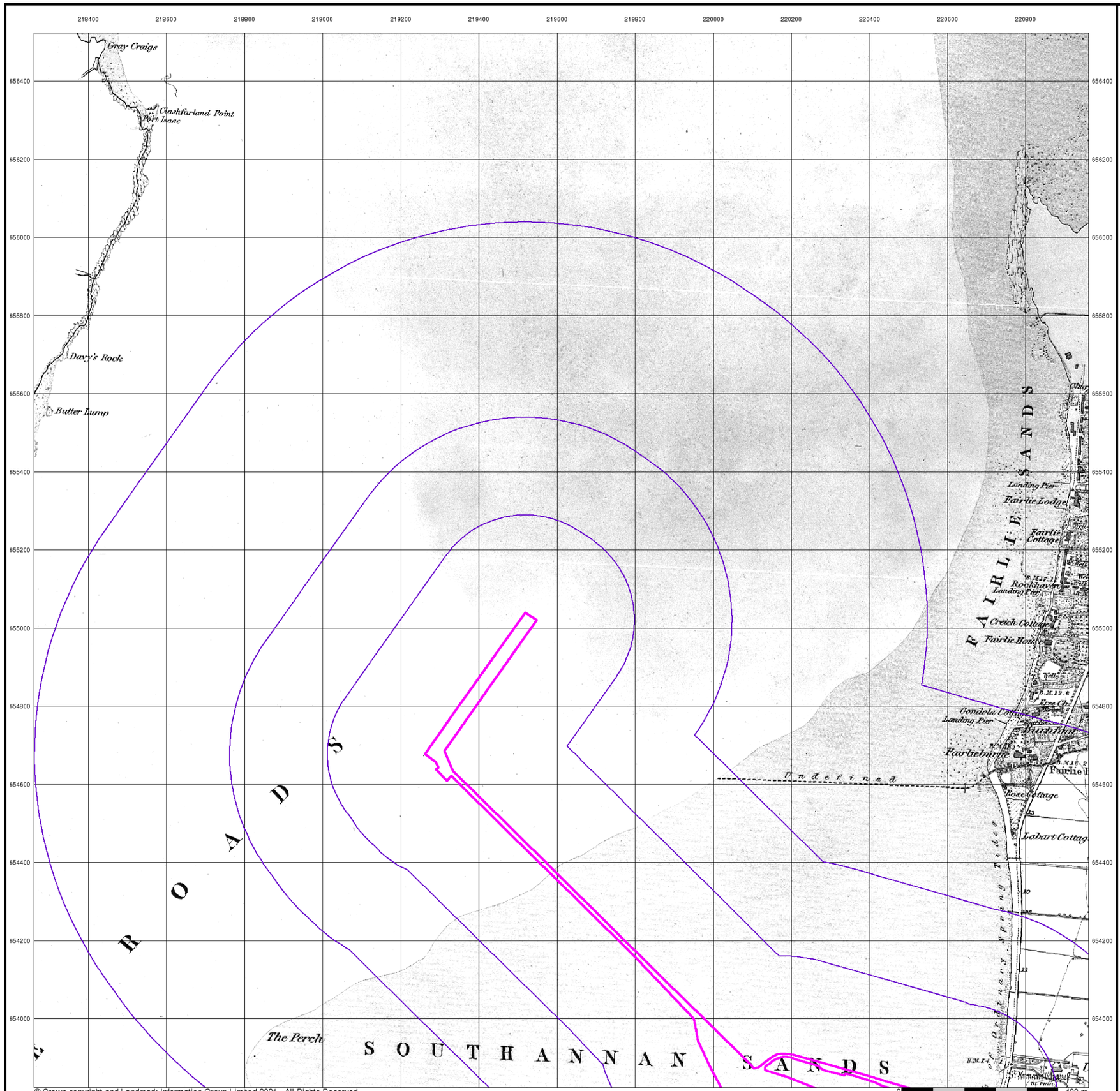

Ayrshire

Published 1857

Source map scale - 1:10,560

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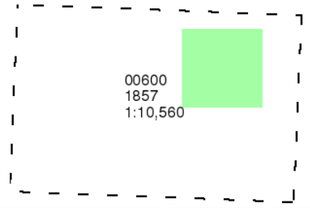
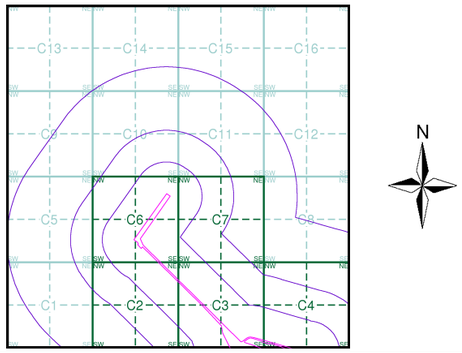
Map Name(s) and Date(s)



Historical Map - Slice C



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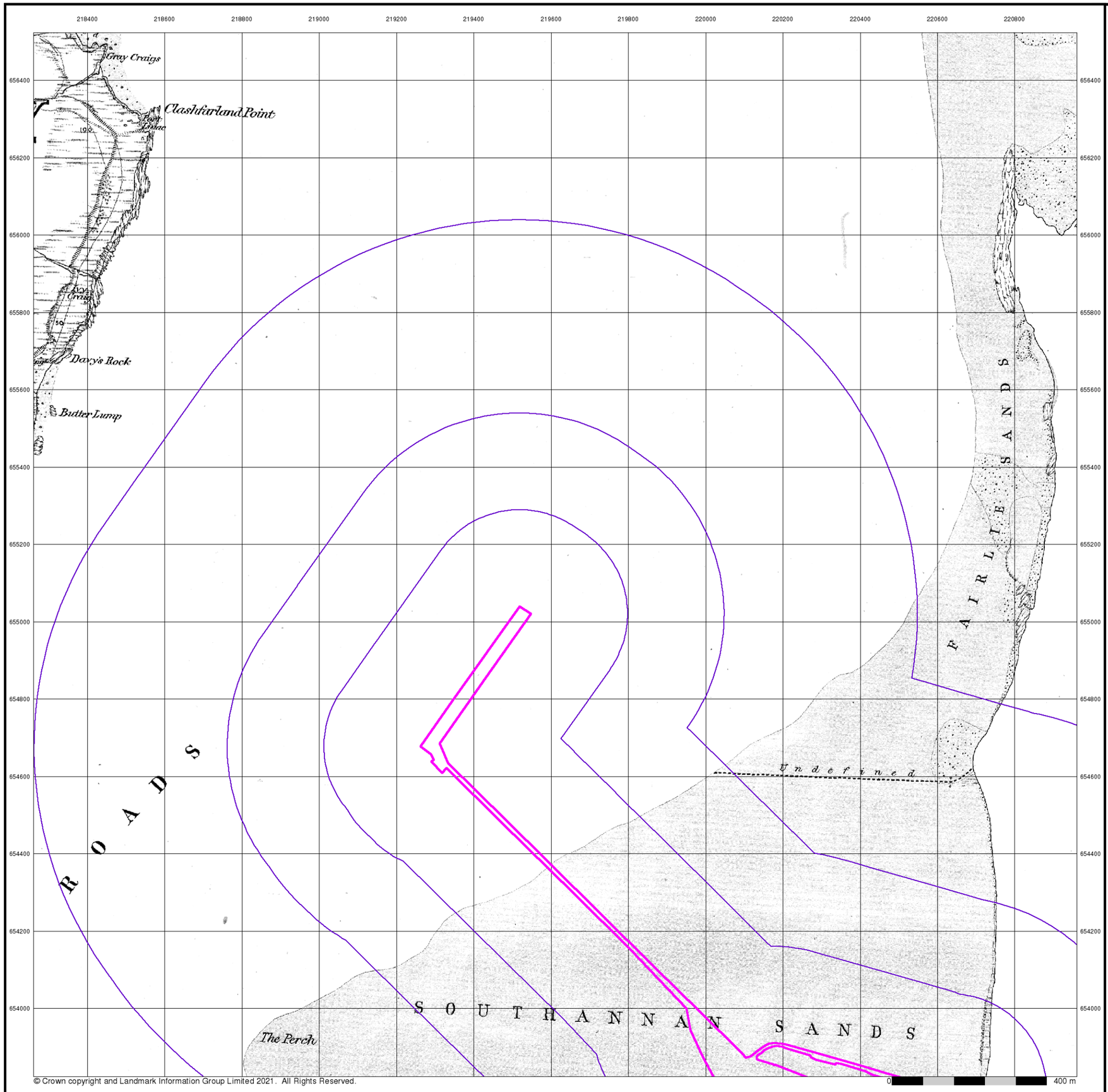

Argyllshire

Published 1869

Source map scale - 1:10,560

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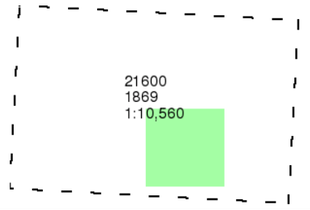
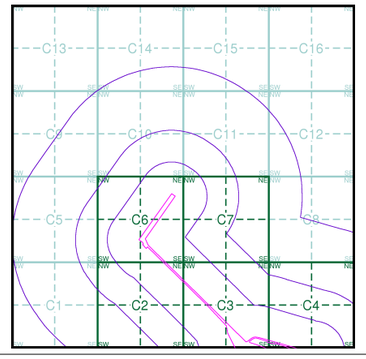


Historical Map - Slice C



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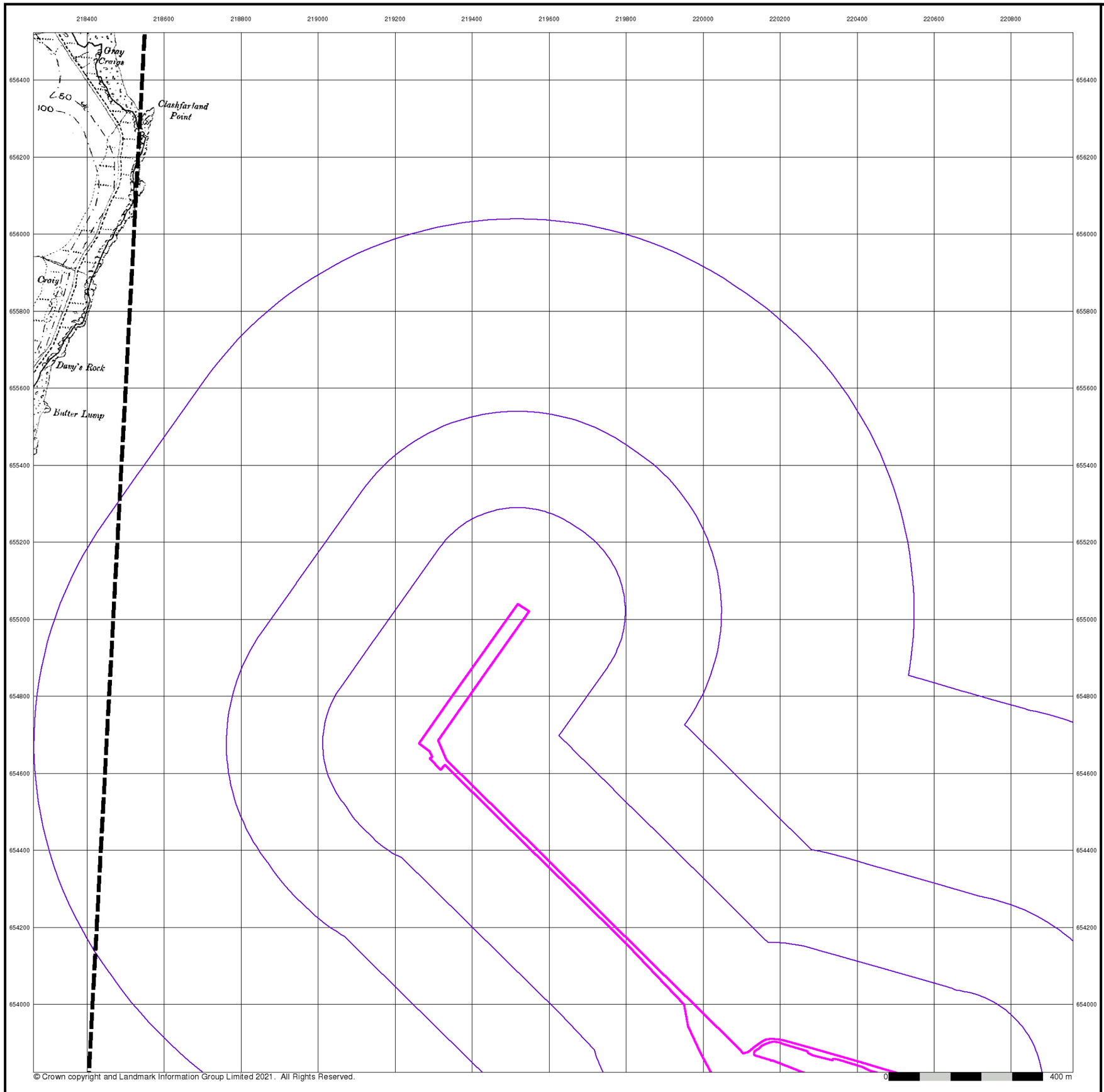

Argyllshire

Published 1897

Source map scale - 1:10,560

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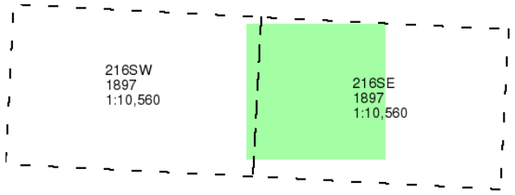
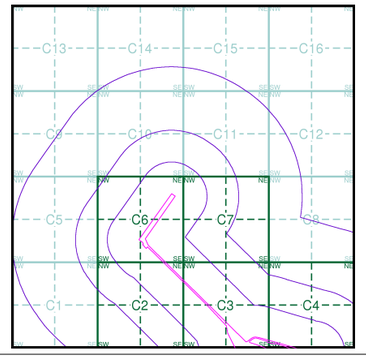
Map Name(s) and Date(s)



Historical Map - Slice C



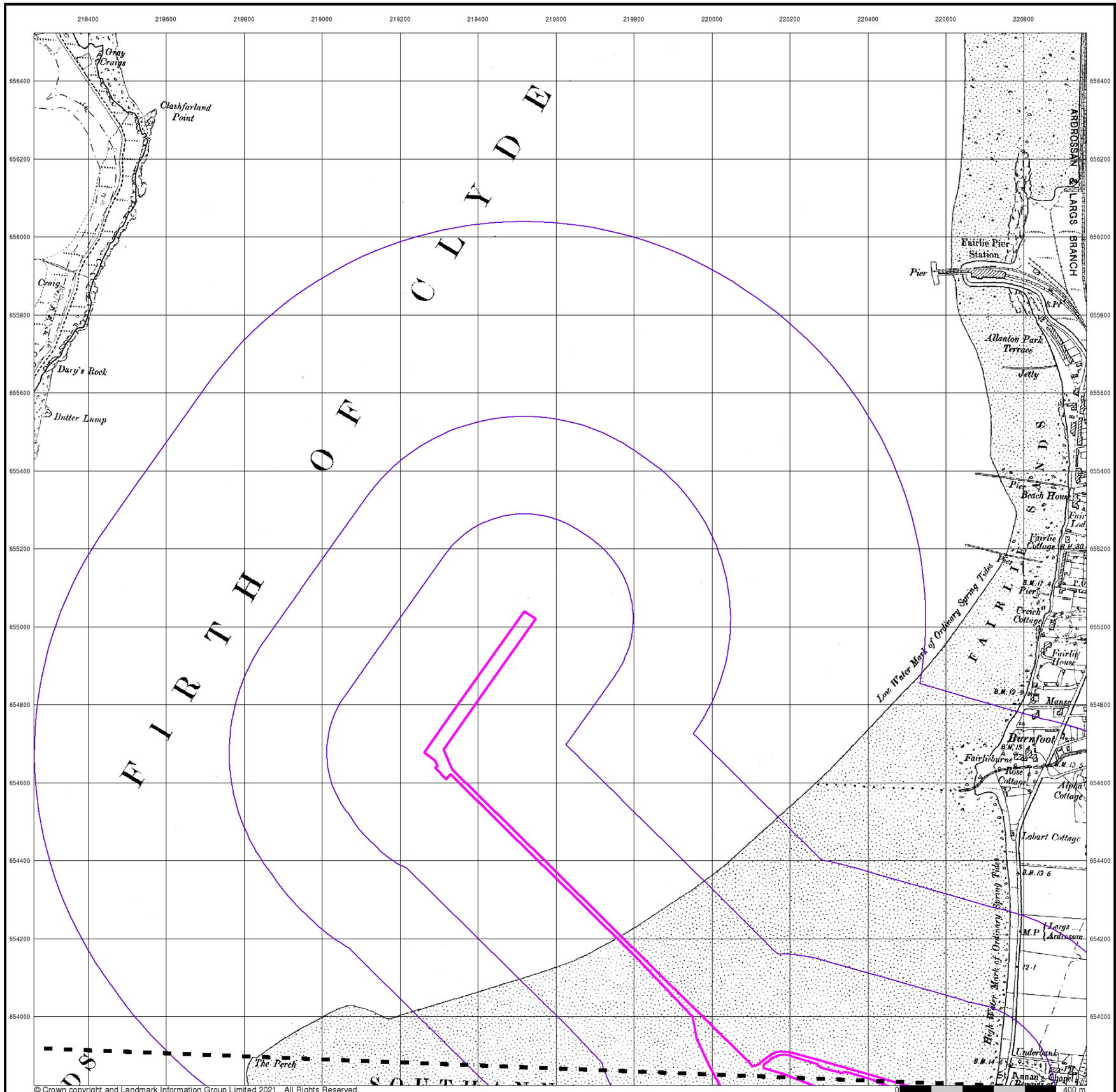
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



Ayrshire

Published 1897

Source map scale - 1:10,560

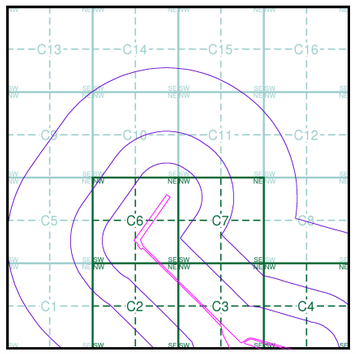
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

006NE
1897
1:10,560

006SE
1897
1:10,560

Historical Map - Slice C



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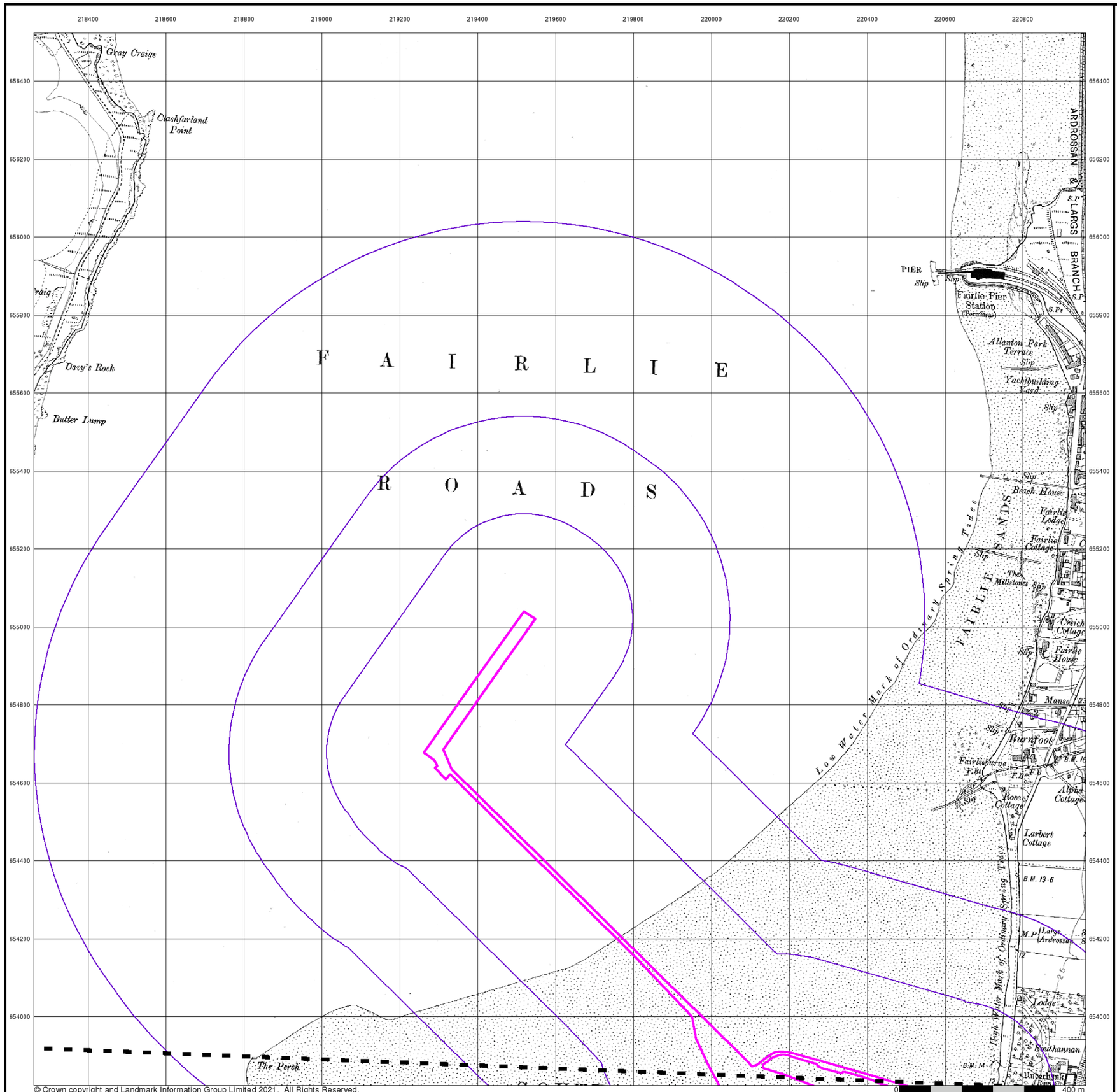

Ayrshire

Published 1911 - 1912

Source map scale - 1:10,560

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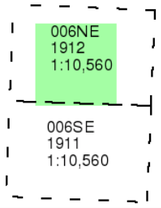
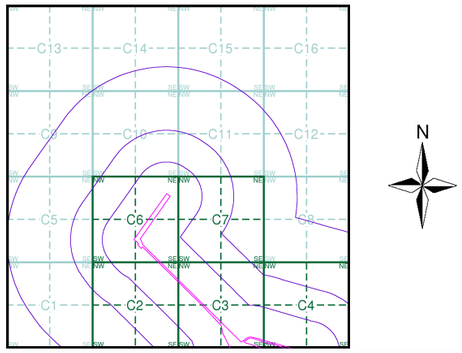
Map Name(s) and Date(s)



Historical Map - Slice C



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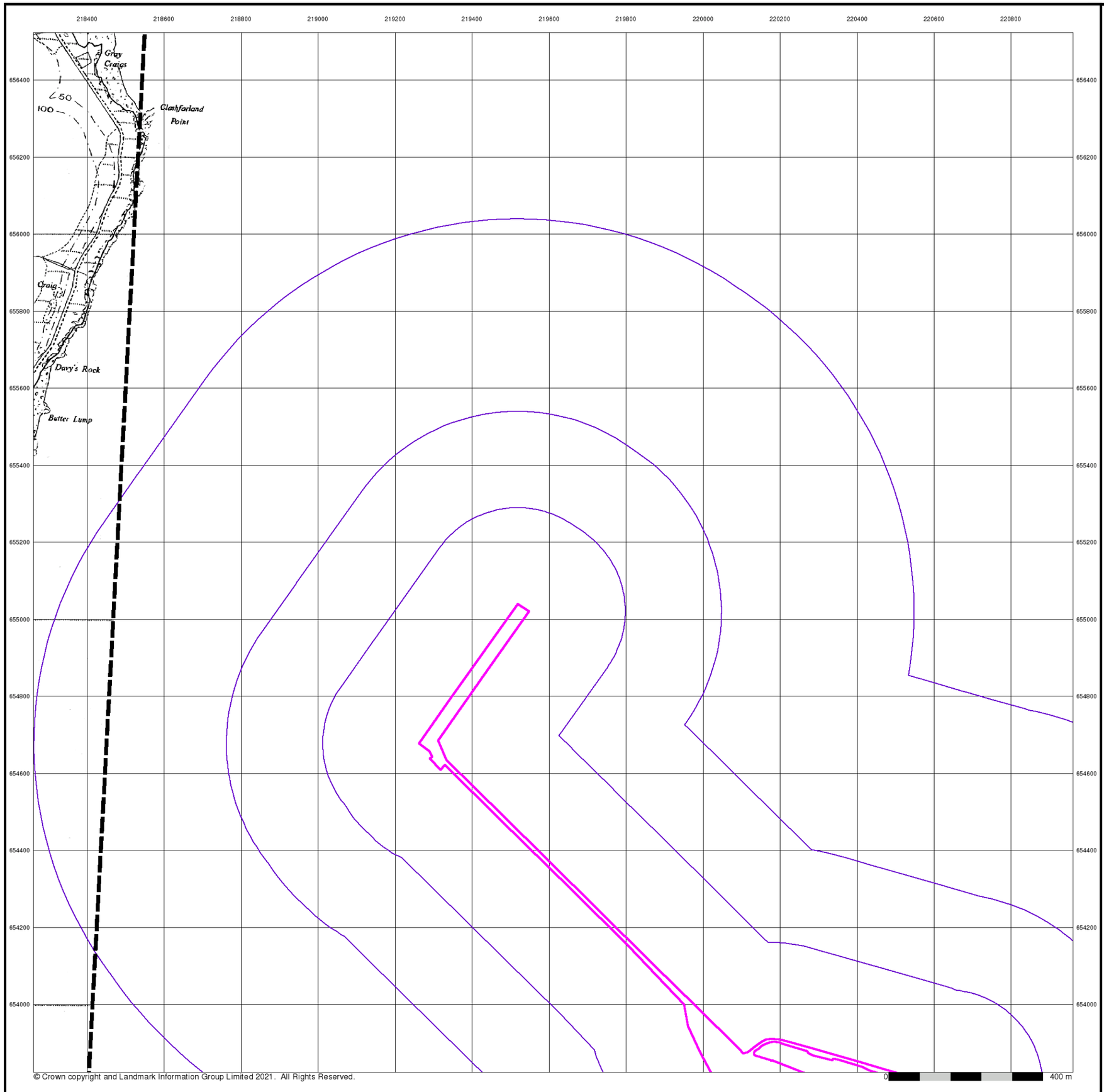

Argyllshire

Published 1938

Source map scale - 1:10,560

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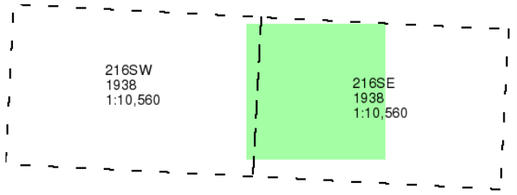
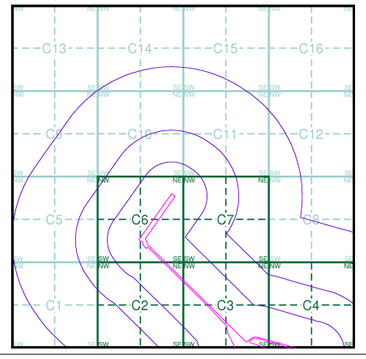
Map Name(s) and Date(s)



Historical Map - Slice C



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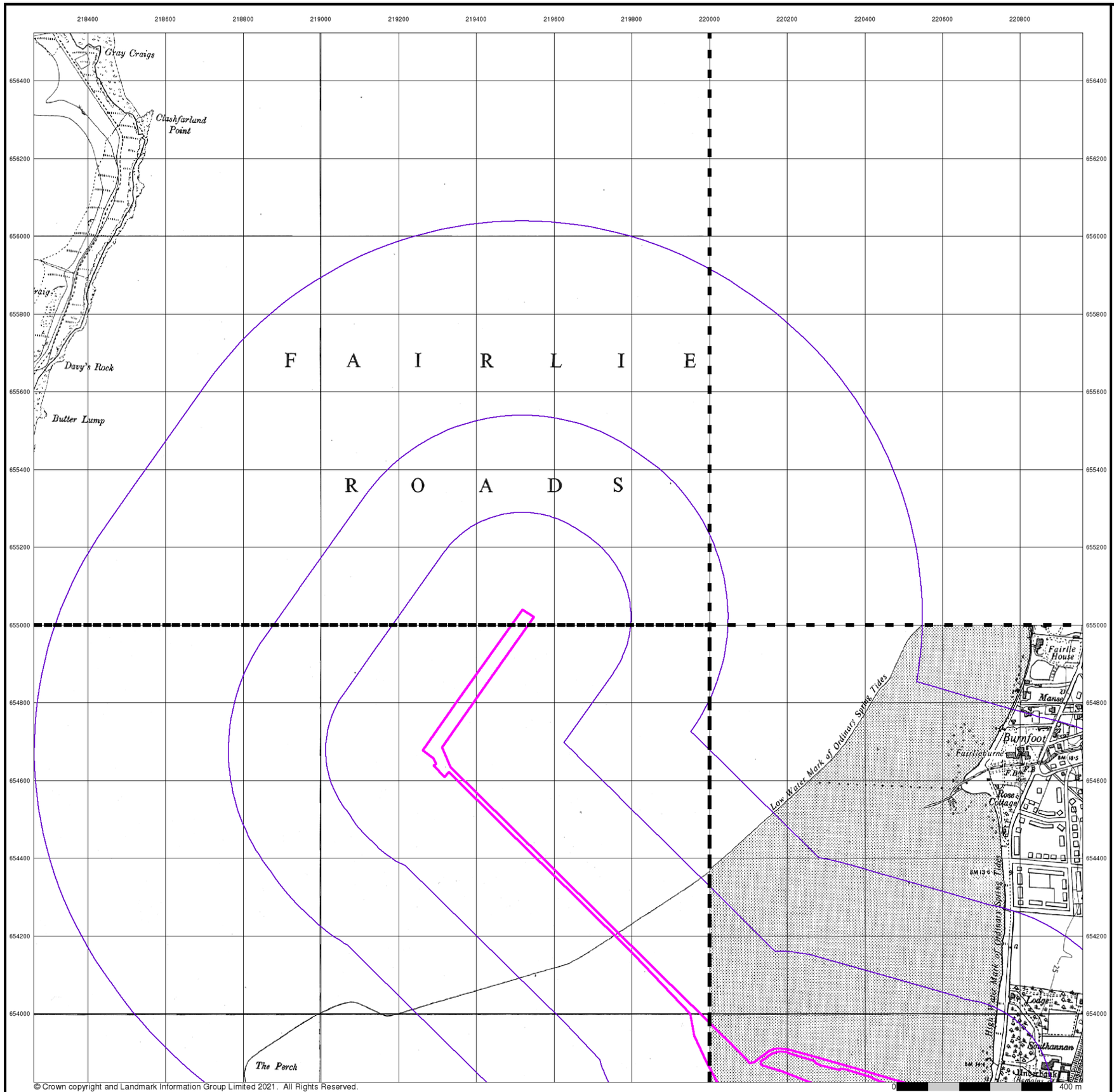


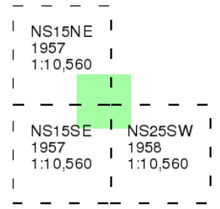
Ordnance Survey Plan

Published 1957 - 1958

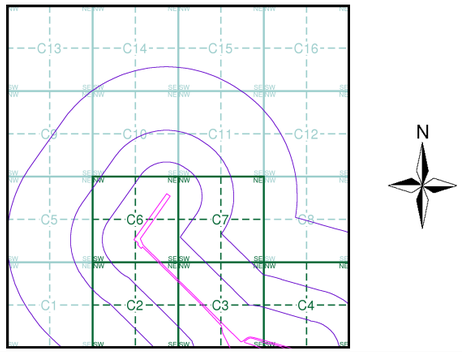
Source map scale - 1:10,000

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 C



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Site Details

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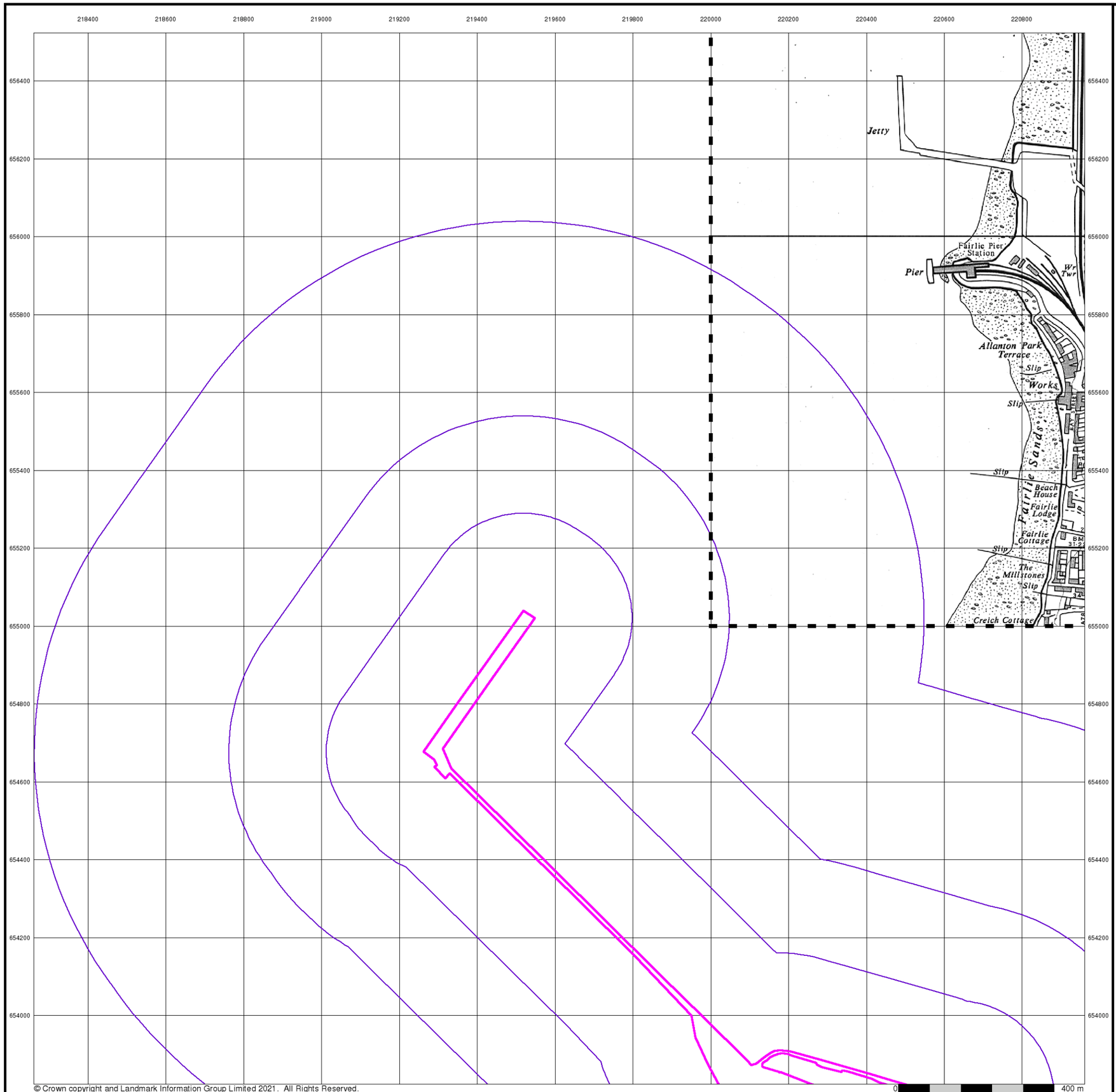

Ordnance Survey Plan

Published 1964

Source map scale - 1:10,000

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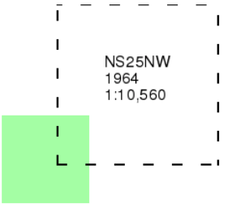
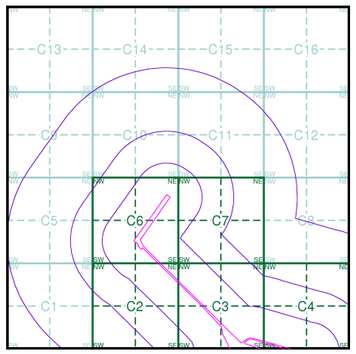
Map Name(s) and Date(s)



Historical Map - Slice C



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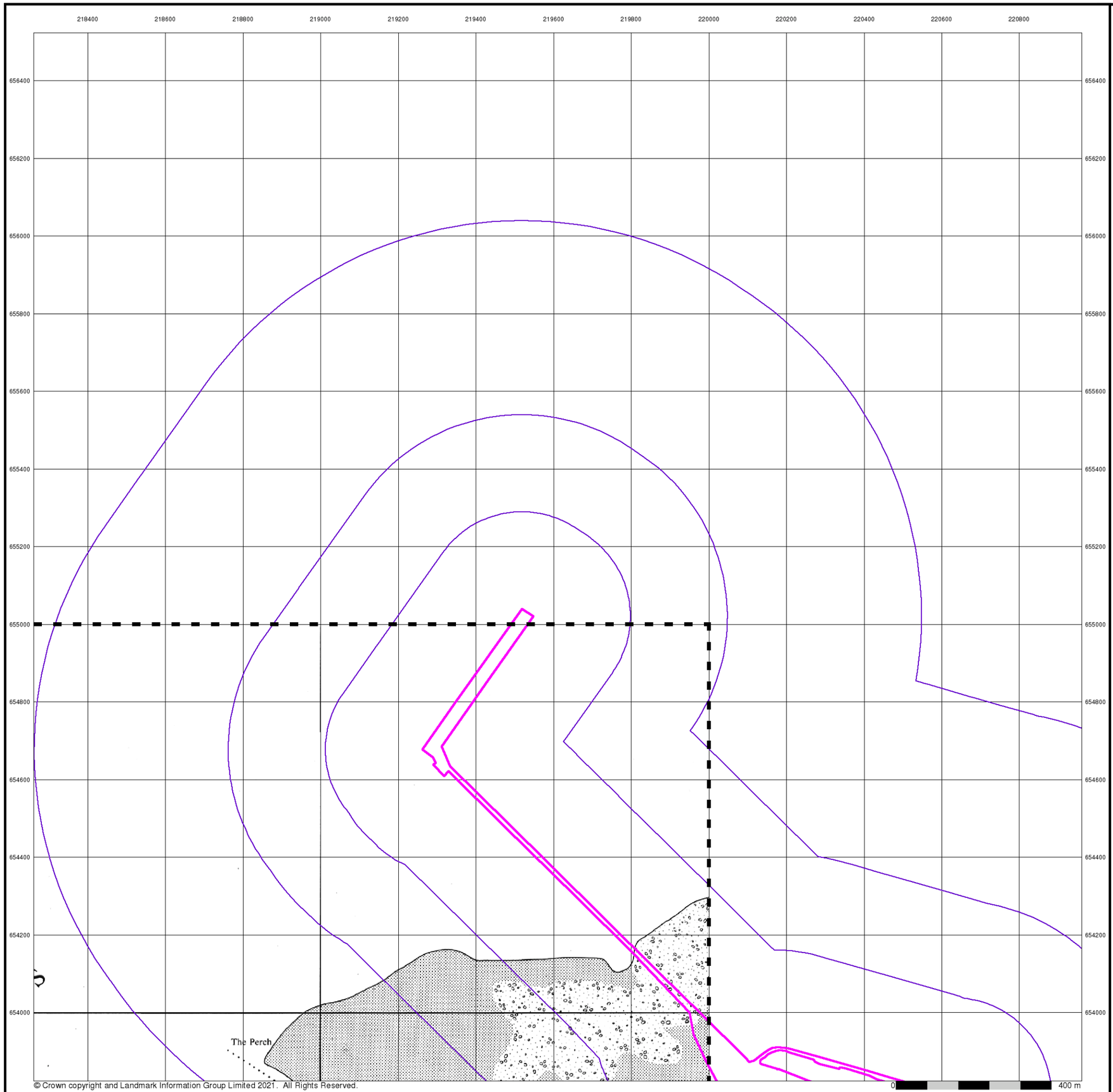

Ordnance Survey Plan

Published 1970

Source map scale - 1:10,000

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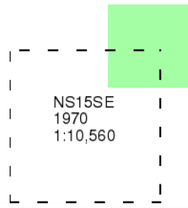
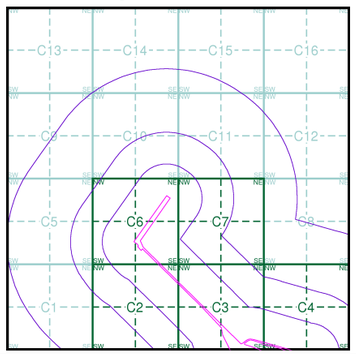
Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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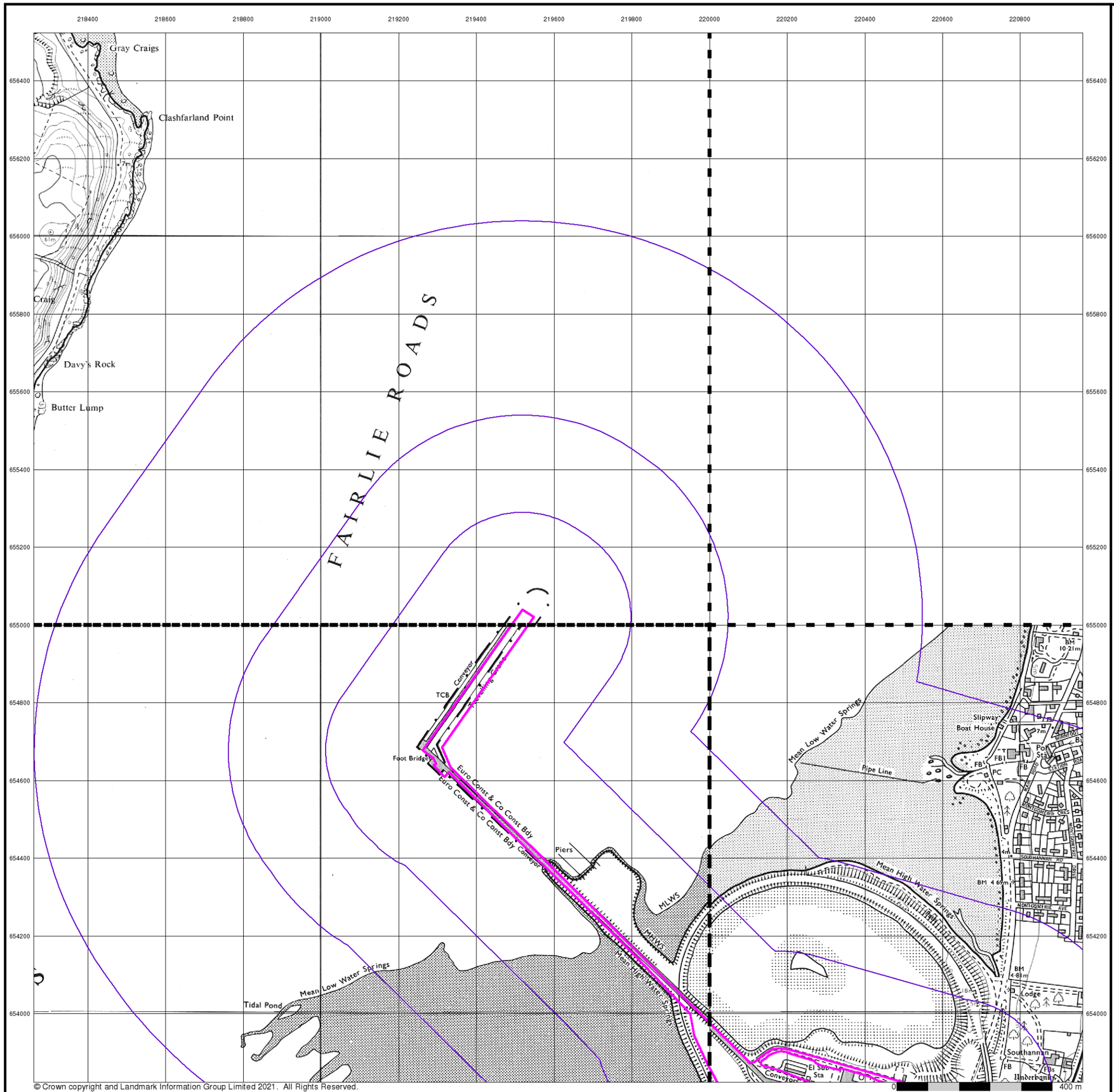

Ordnance Survey Plan

Published 1980 - 1987

Source map scale - 1:10,000

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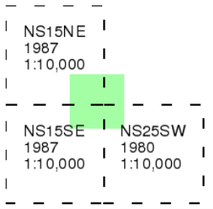
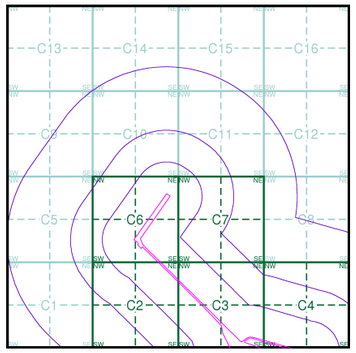
Map Name(s) and Date(s)



Historical Map - Slice C



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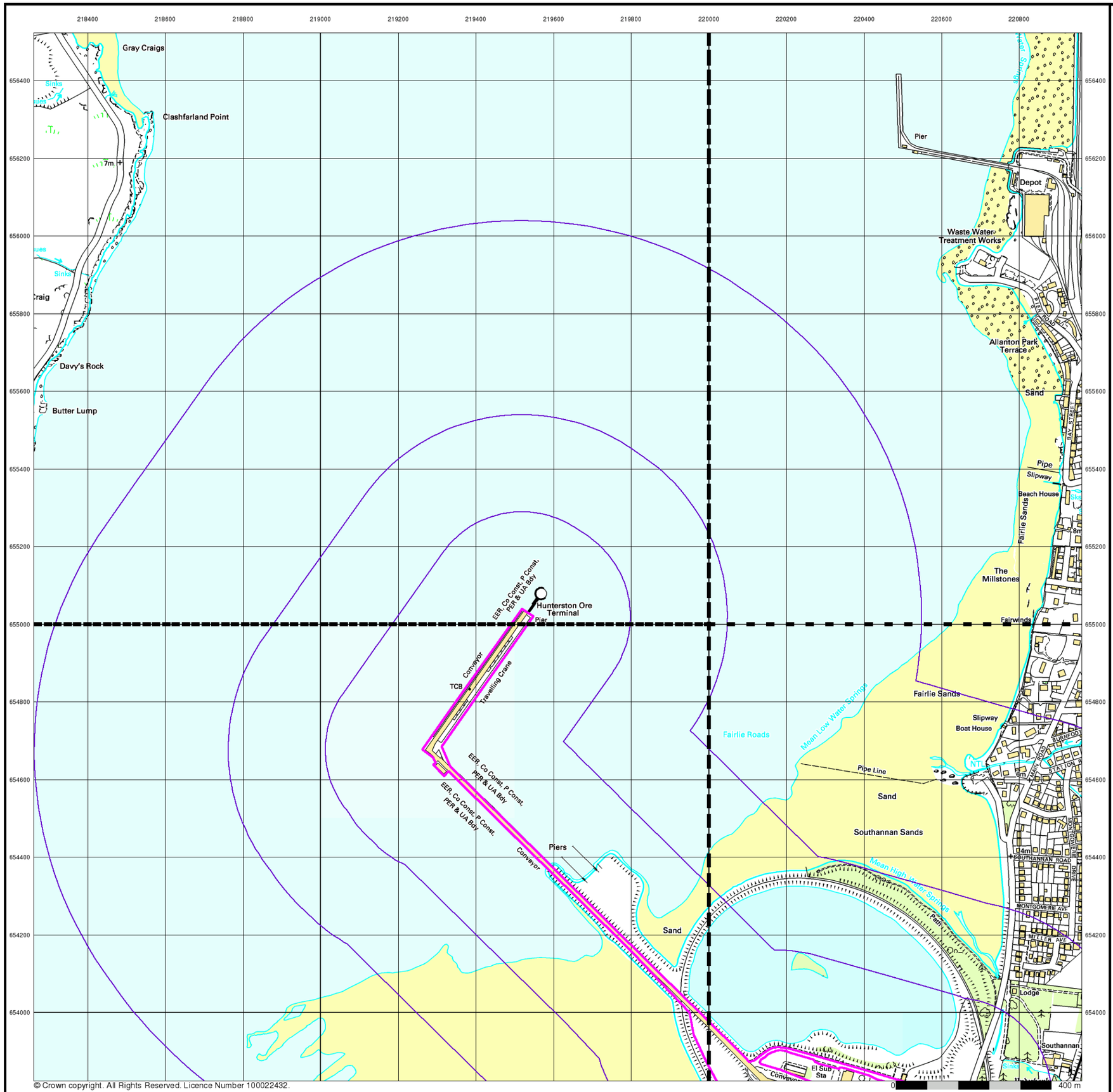


10k Raster Mapping

Published 2001

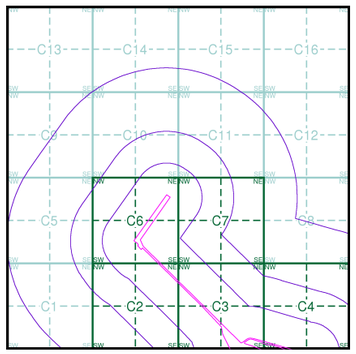
Source map scale - 1:10,000

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)

NS15NE 2001 1:10,000	NS25NW 2001 1:10,000
NS15SE 2001 1:10,000	NS25SW 2001 1:10,000

Historical Map - Slice C



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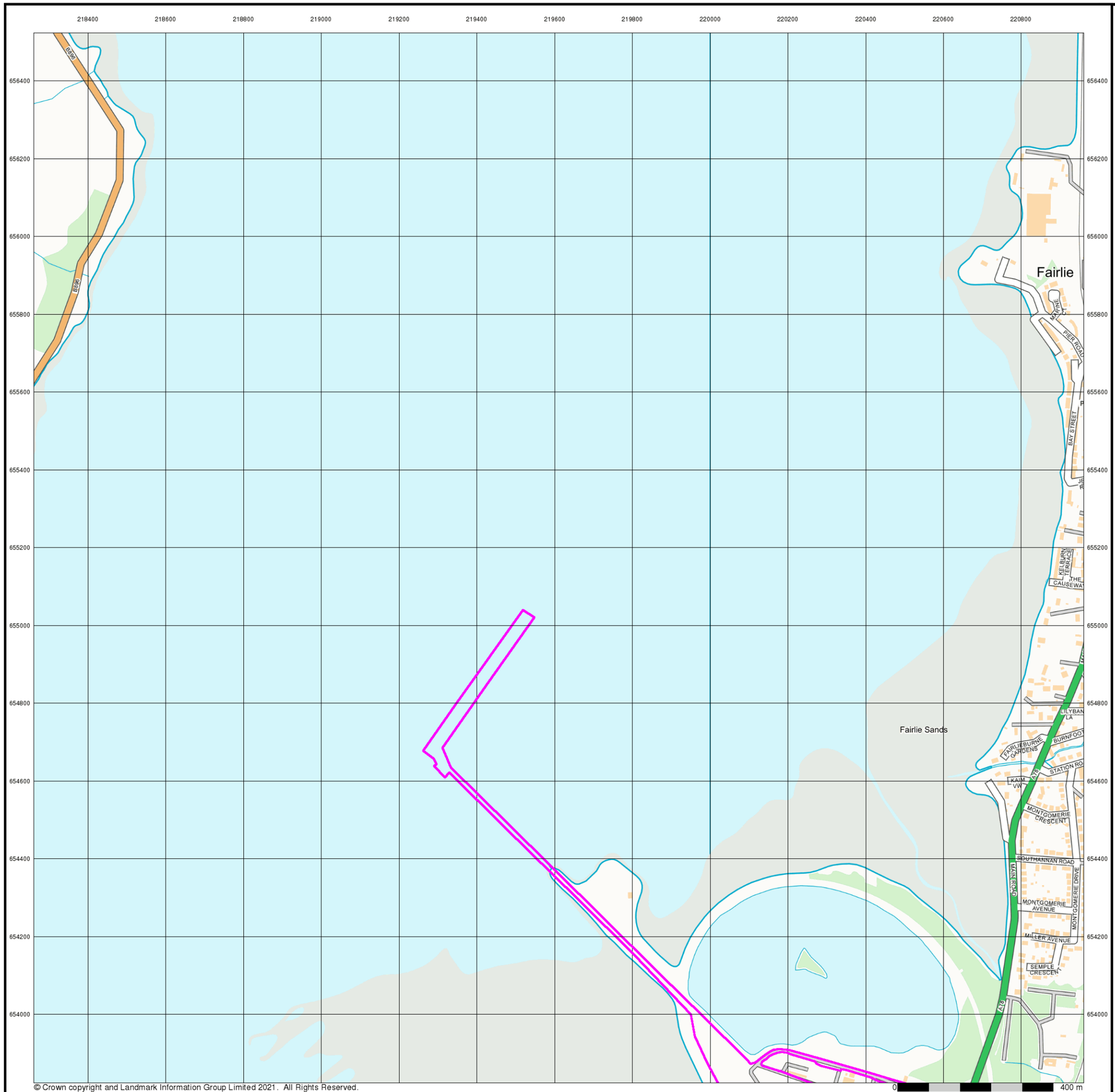


Street View

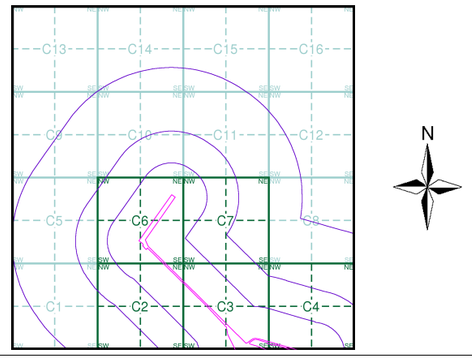
Published 2021

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

Street View Map - Slice C



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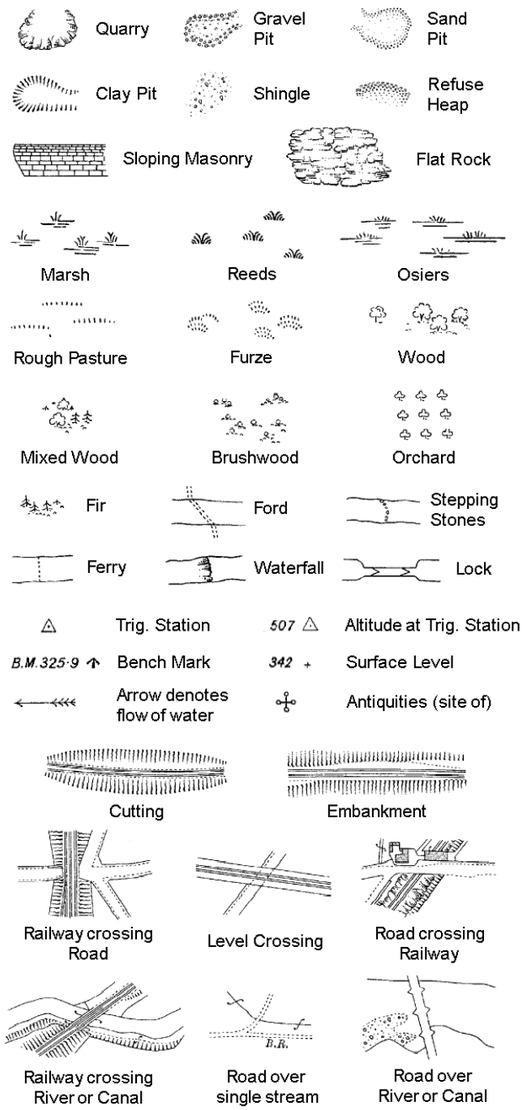
Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

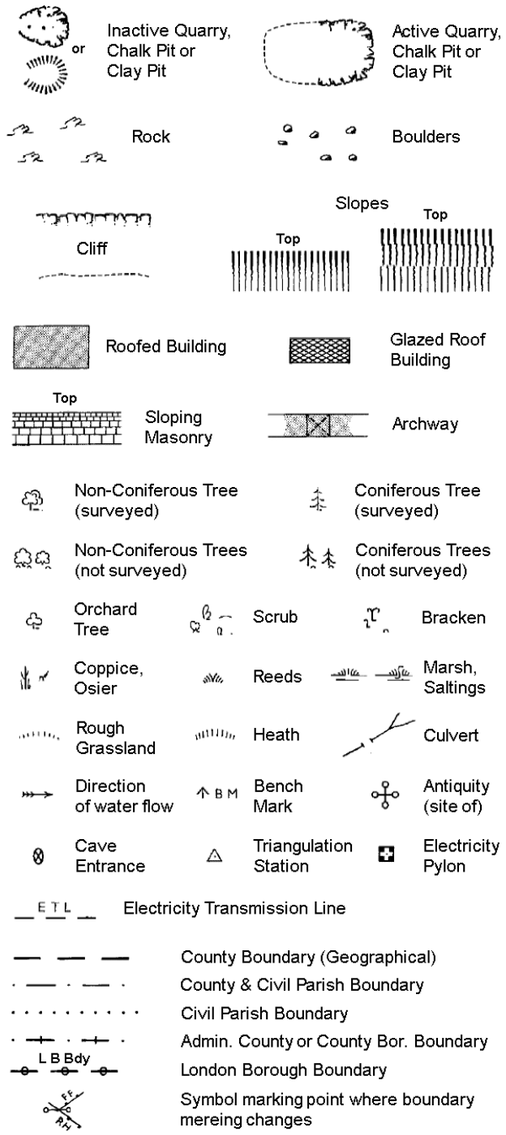
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

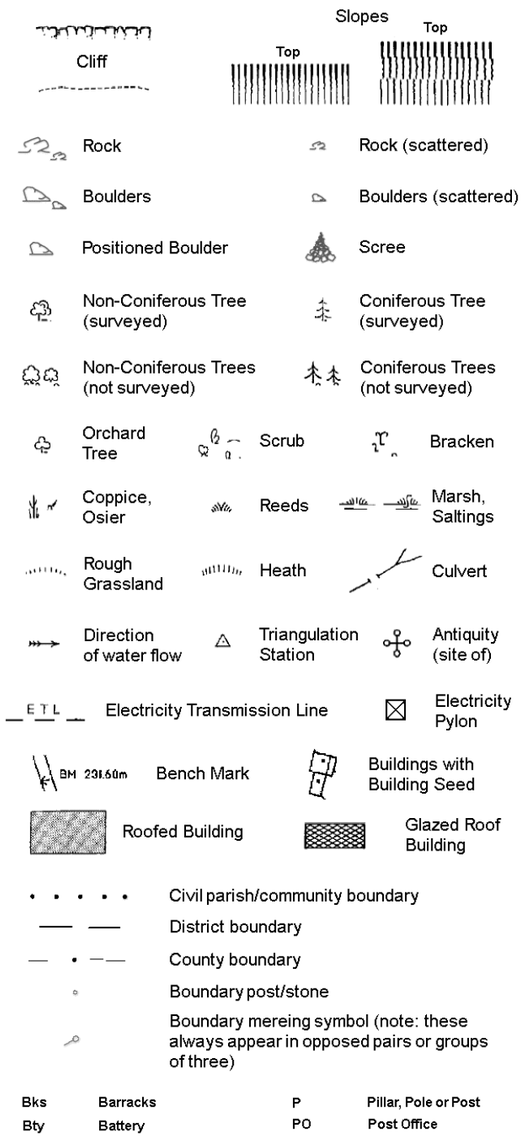
Admin. County or County Bor. Boundary

L B Bdy 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
El 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



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)

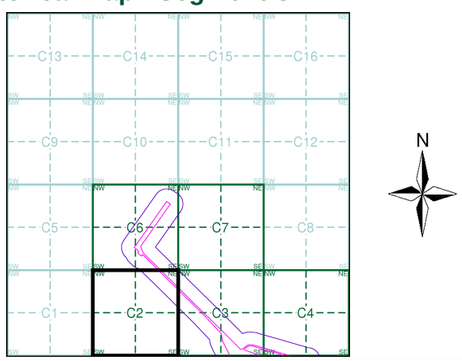
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El 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 Governer	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

rps

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Ayrshire	1:2,500	1856	2
Ayrshire	1:2,500	1897	3
Ayrshire	1:2,500	1910	4
Ordnance Survey Plan	1:2,500	1967 - 1981	5
Additional SIMs	1:2,500	1979	6
Ordnance Survey Plan	1:2,500	1981	7
Large-Scale National Grid Data	1:2,500	1994	8

Historical Map - Segment C2



Order Details

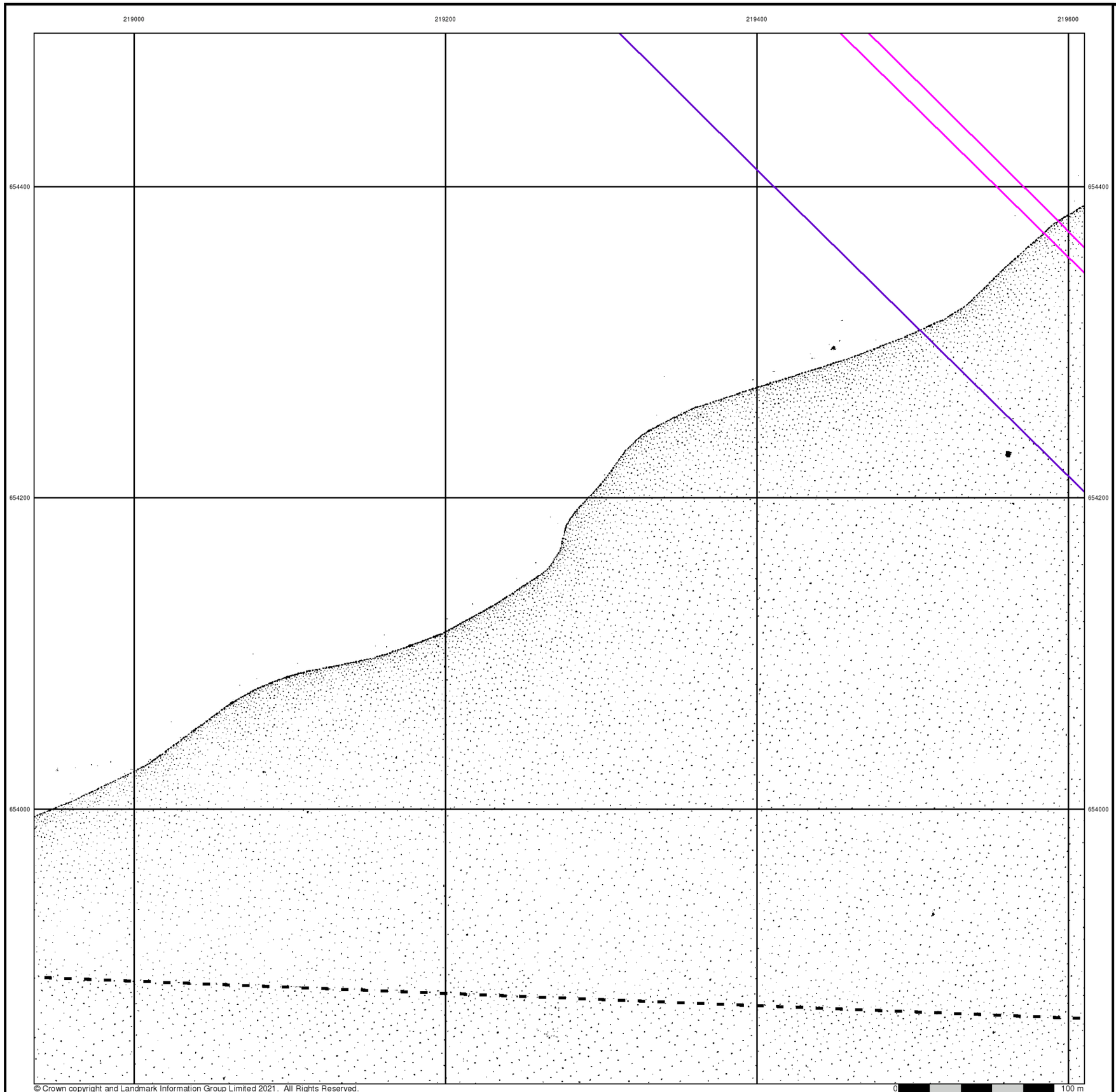
Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

Landmark® INFORMATION GROUP

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



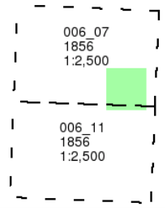
Ayrshire

Published 1856

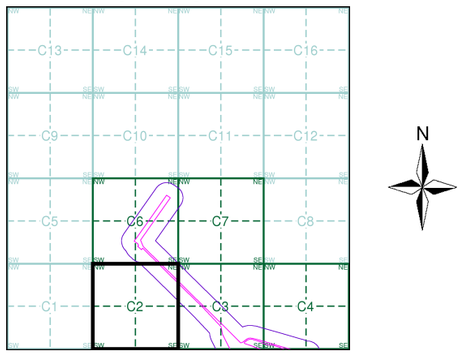
Source map scale - 1:2,500

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

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Customer Ref:	JER9266
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Slice:	C
Site Area (Ha):	54.89
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Site Details

Site at 219948,653824

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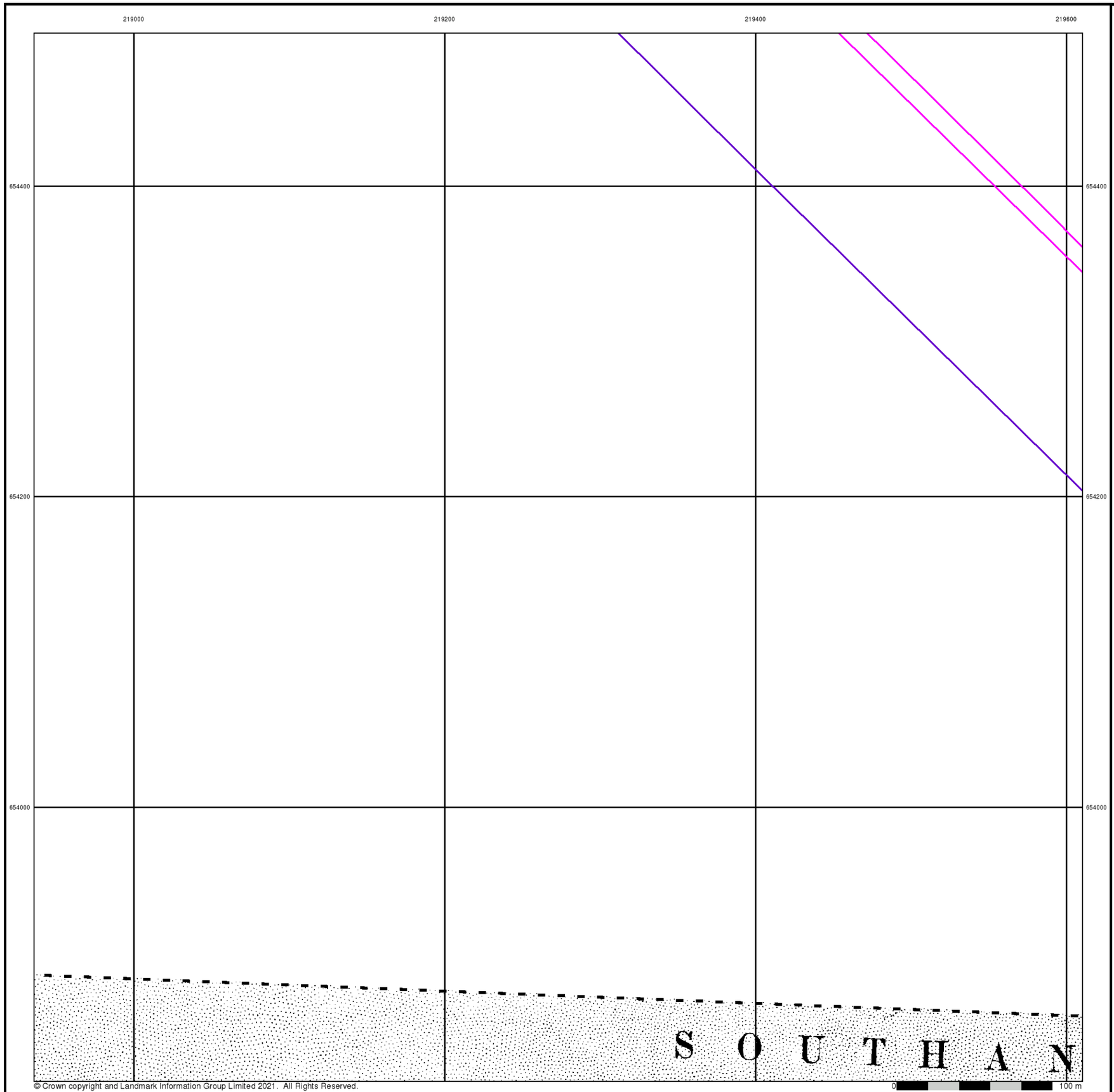


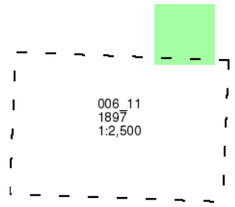
Ayrshire

Published 1897

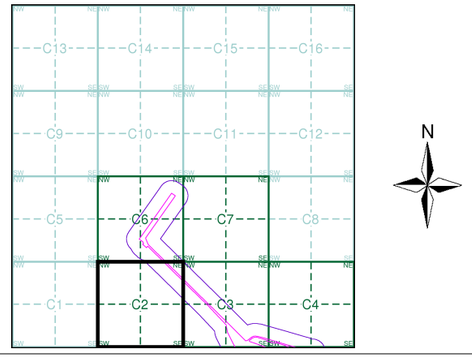
Source map scale - 1:2,500

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 C2



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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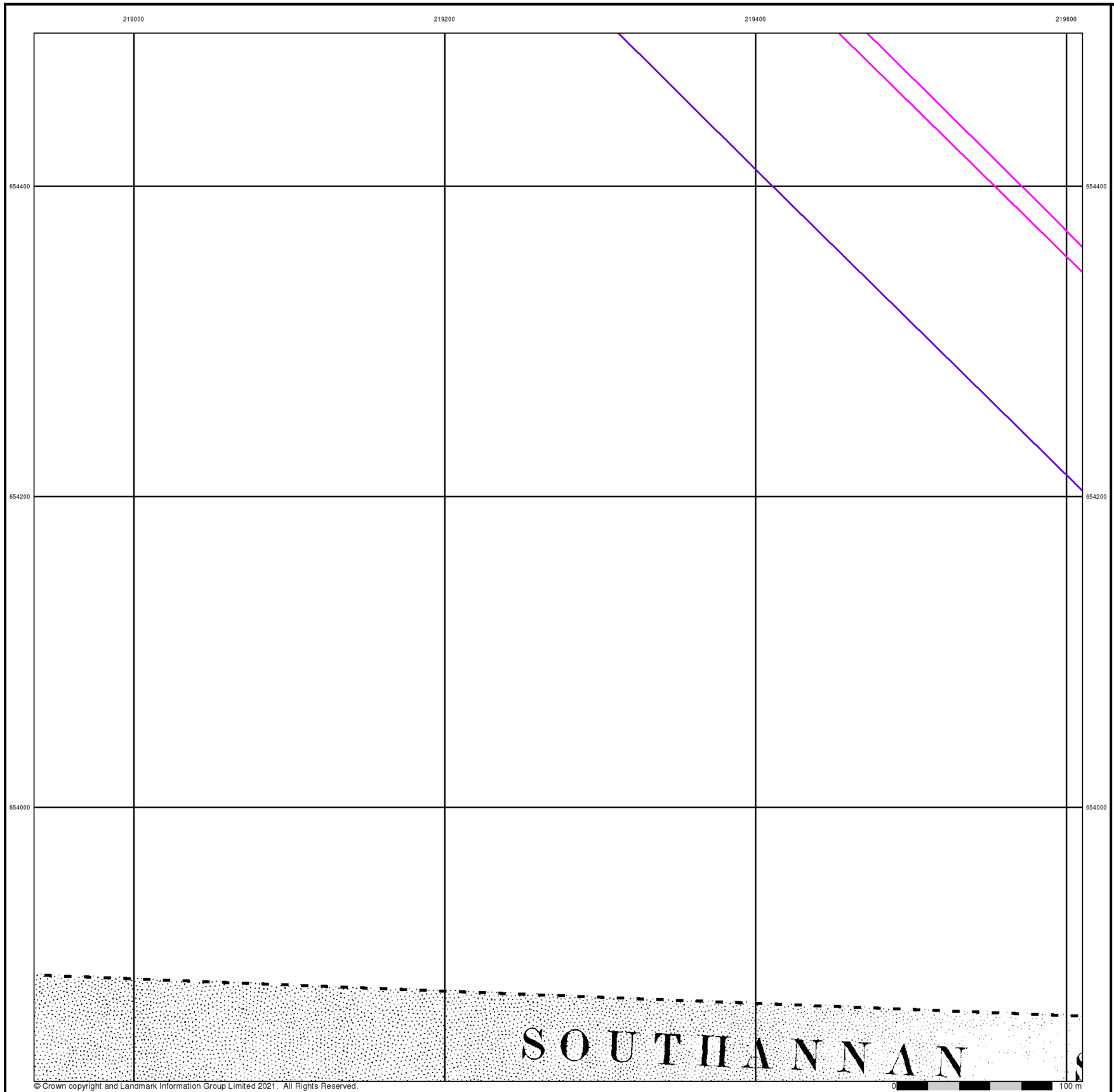


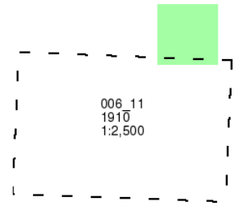
Ayrshire

Published 1910

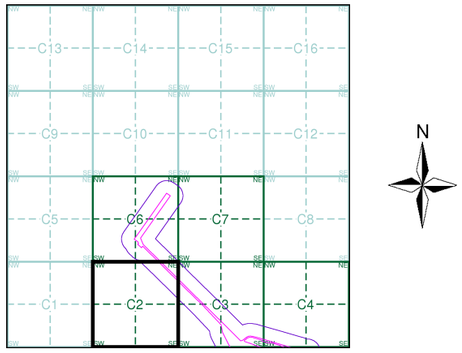
Source map scale - 1:2,500

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:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

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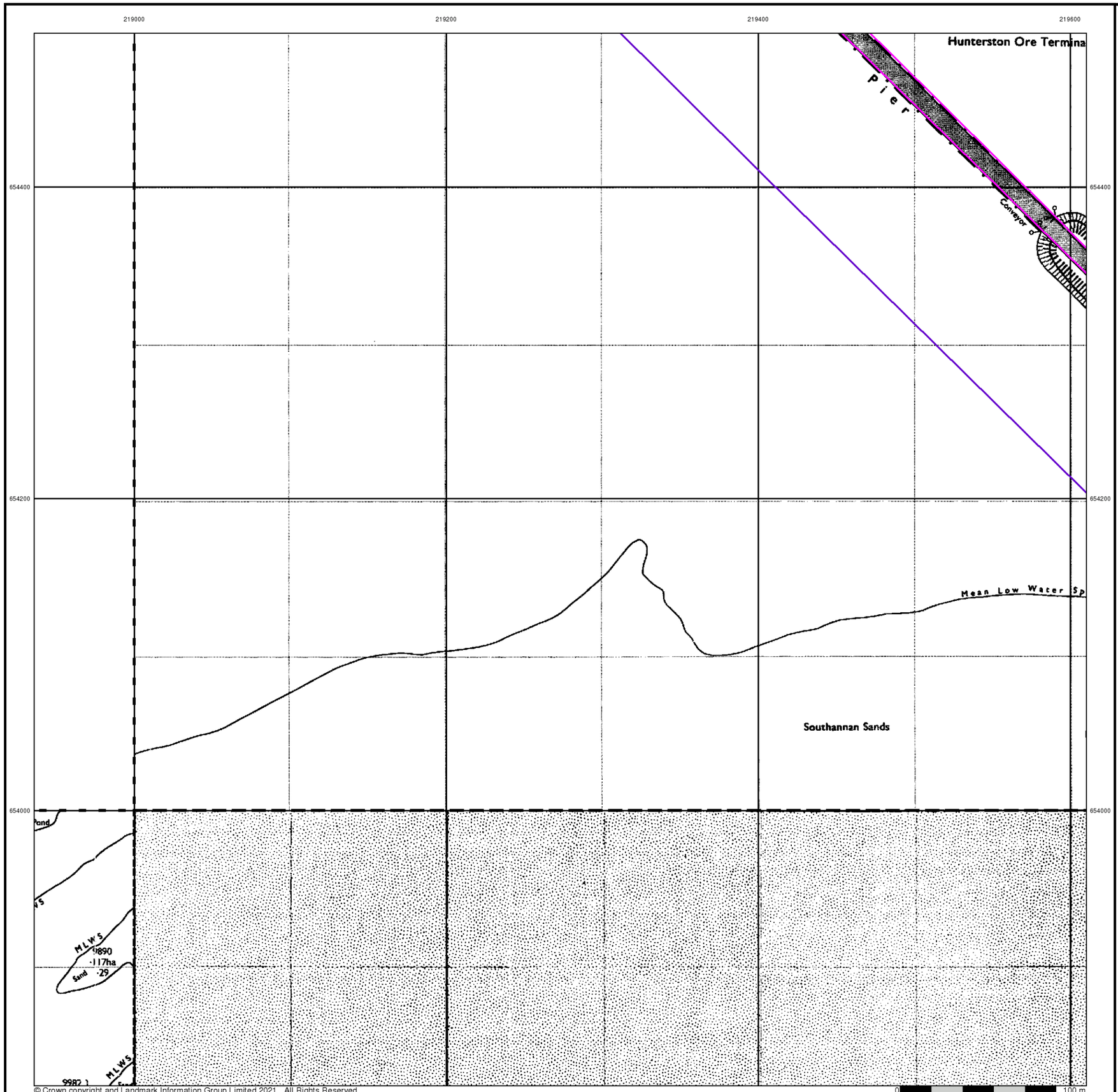


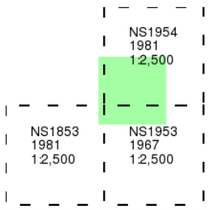
Ordnance Survey Plan

Published 1967 - 1981

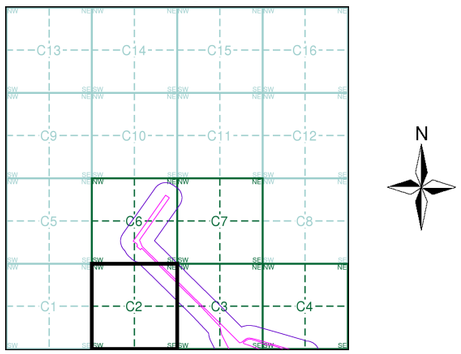
Source map scale - 1:2,500

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:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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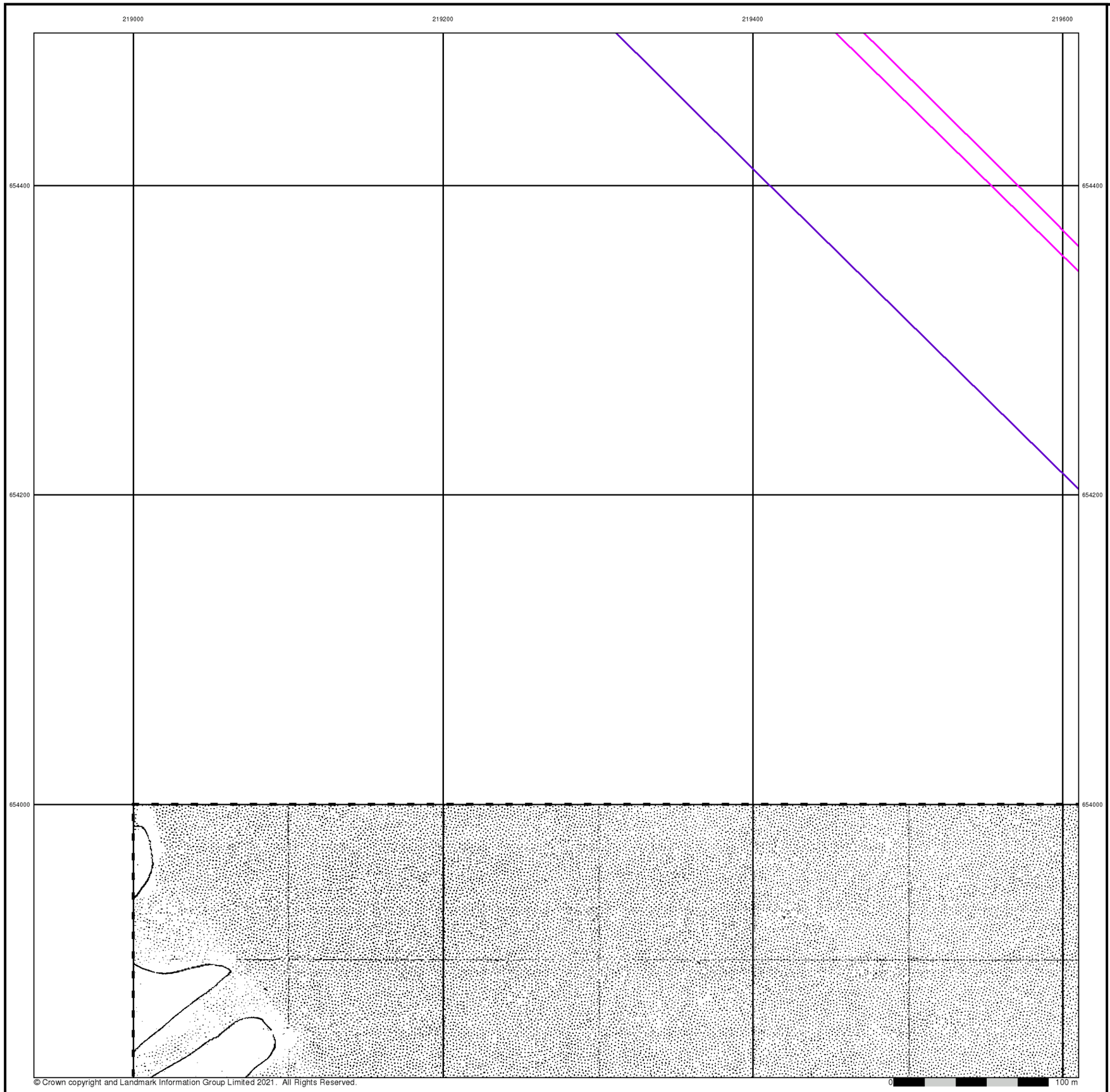


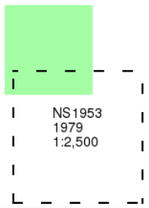
Additional SIMs

Published 1979

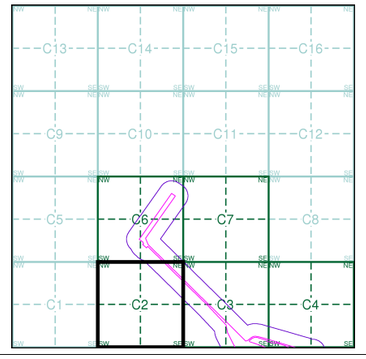
Source map scale - 1:2,500

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 C2



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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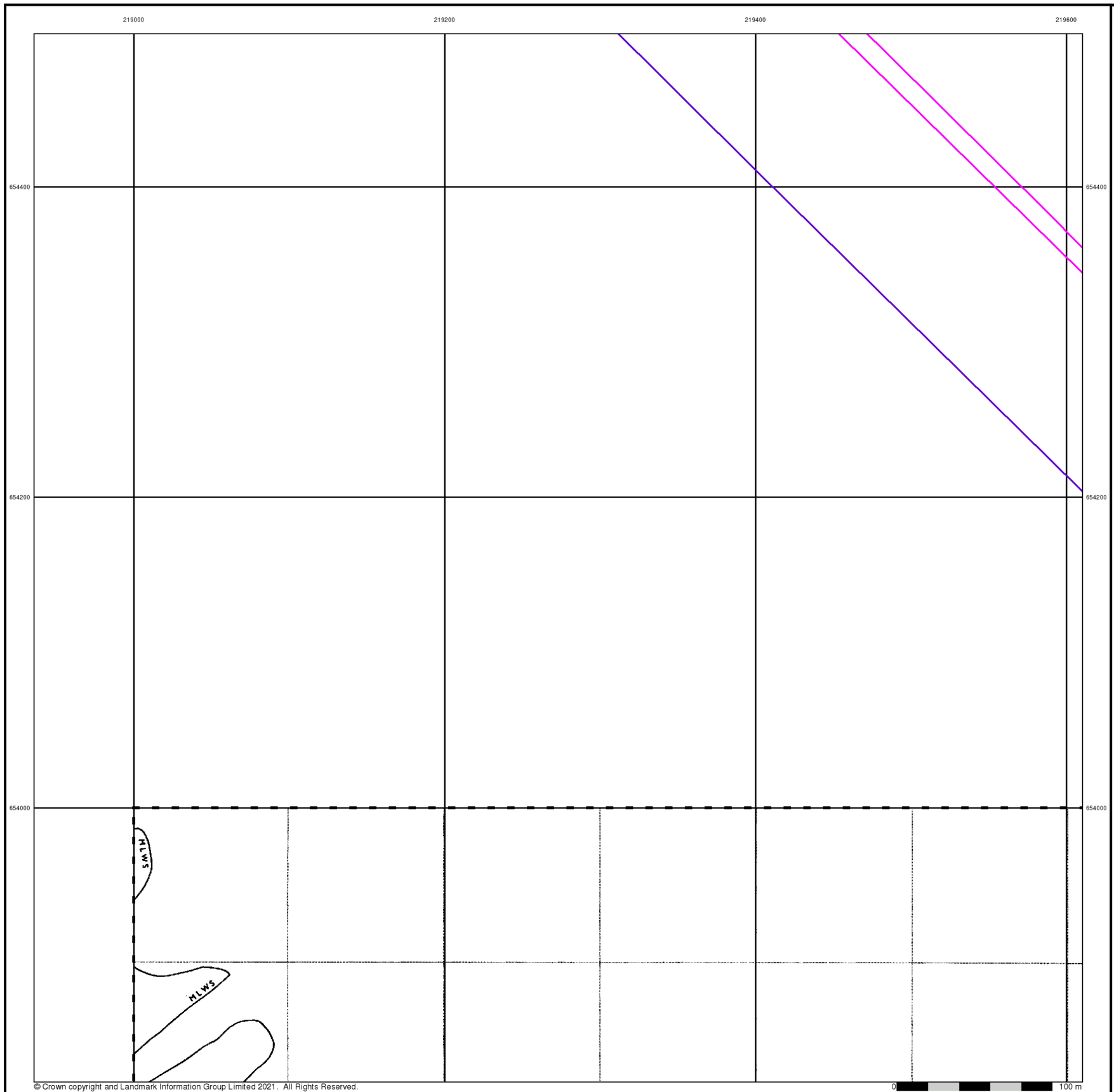


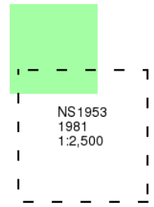
Ordnance Survey Plan

Published 1981

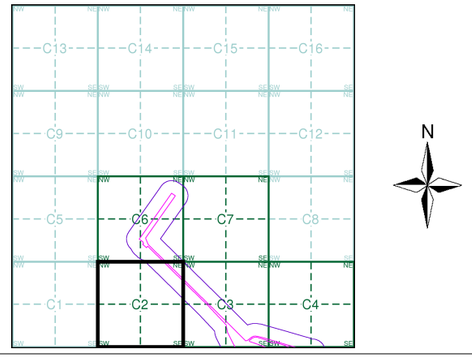
Source map scale - 1:2,500

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:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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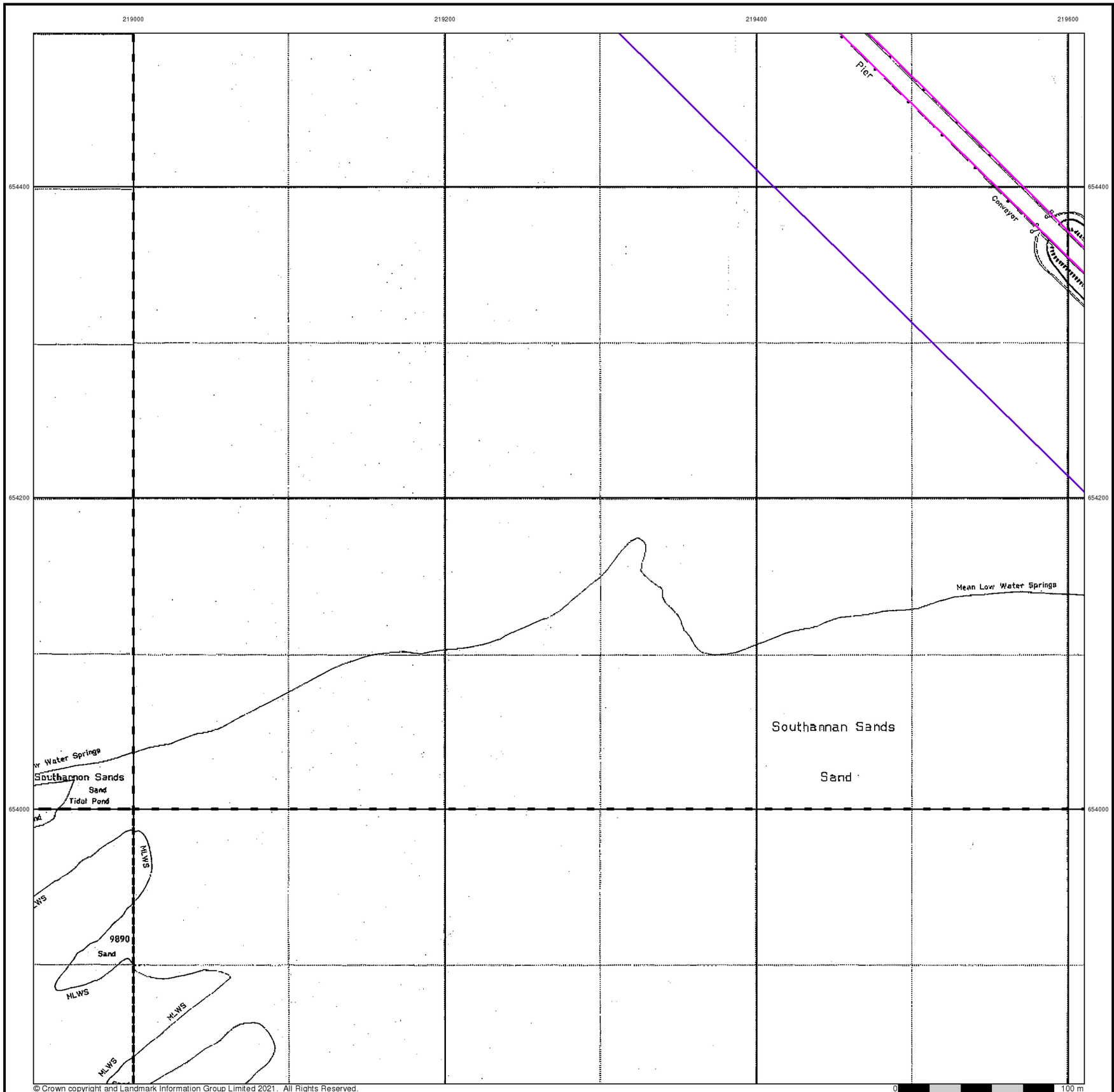


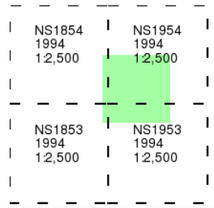
Large-Scale National Grid Data

Published 1994

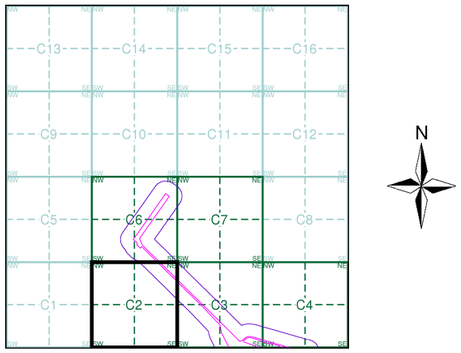
Source map scale - 1:2,500

'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)



Historical Map - Segment C2



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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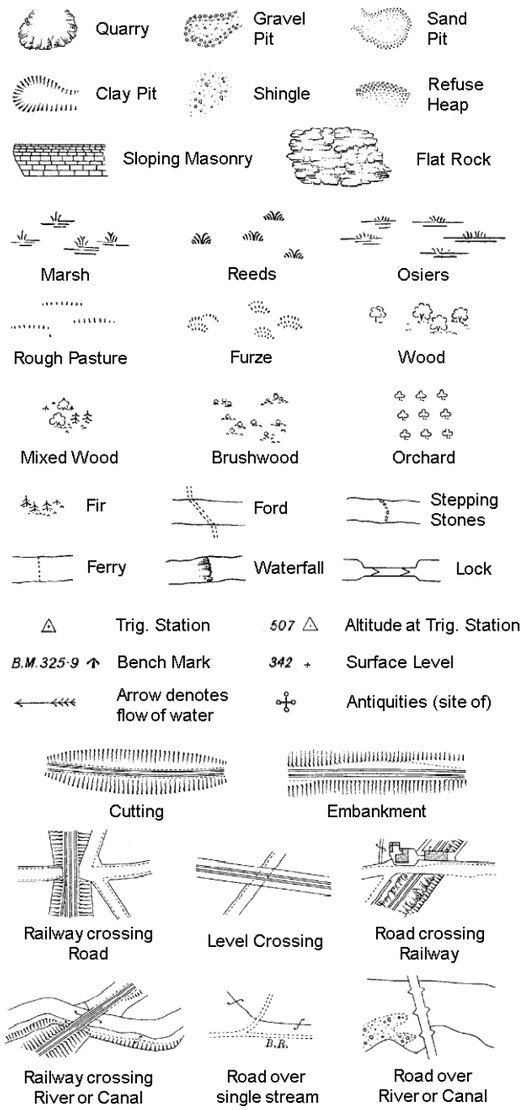
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

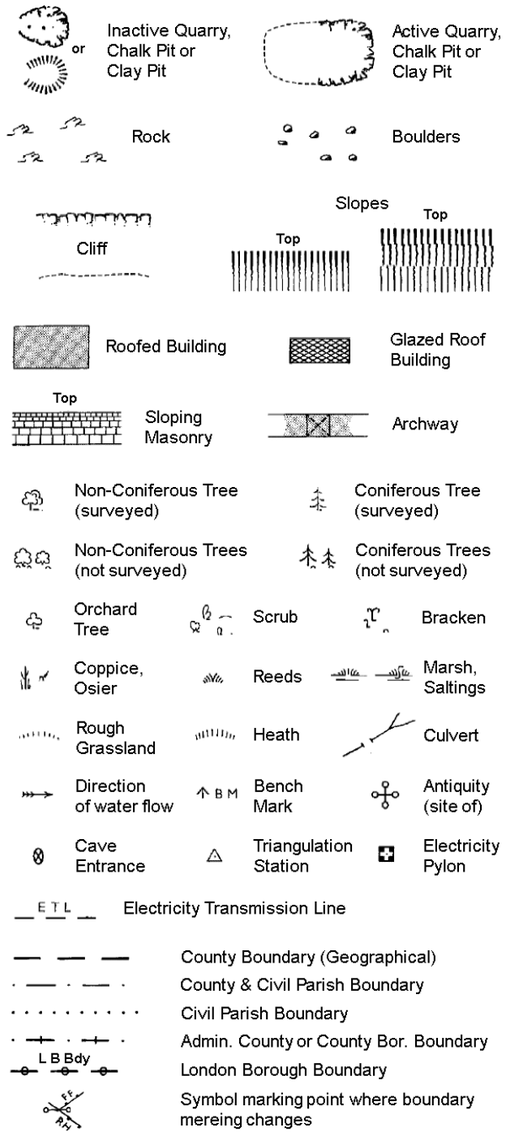
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	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

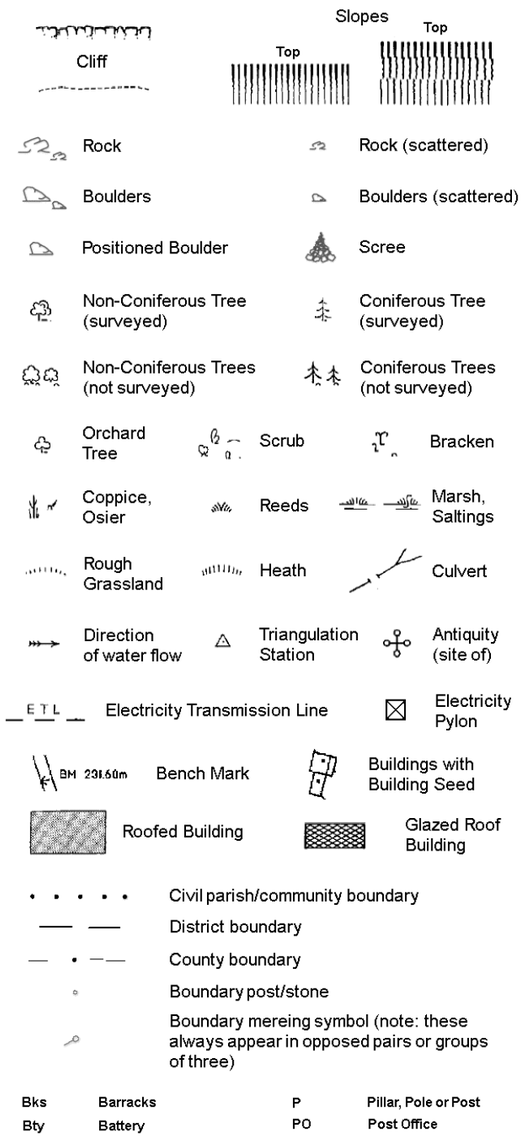
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy 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
El 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



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)

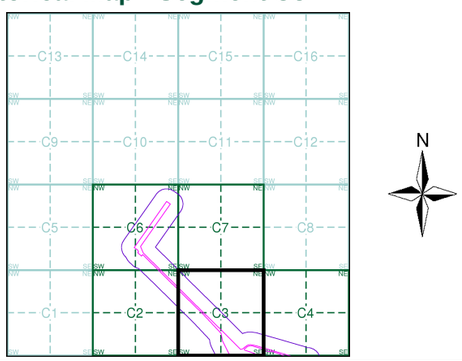
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El 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 Governer	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

rps

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Ayrshire	1:2,500	1856 - 1892	2
Ayrshire	1:2,500	1897	3
Ayrshire	1:2,500	1910	4
Ordnance Survey Plan	1:2,500	1966 - 1981	5
Additional SIMs	1:2,500	1979	6
Ordnance Survey Plan	1:2,500	1980 - 1985	7
Ordnance Survey Plan	1:2,500	1983	8
Additional SIMs	1:2,500	1989	9
Large-Scale National Grid Data	1:2,500	1994 - 1995	10

Historical Map - Segment C3



Order Details

Order Number: 287571652_1_1
Customer Ref: JER9266
National Grid Reference: 219580, 654790
Slice: C
Site Area (Ha): 54.89
Search Buffer (m): 100

Site Details

Site at 219948,653824

Landmark INFORMATION GROUP
Tel: 0844 844 9952
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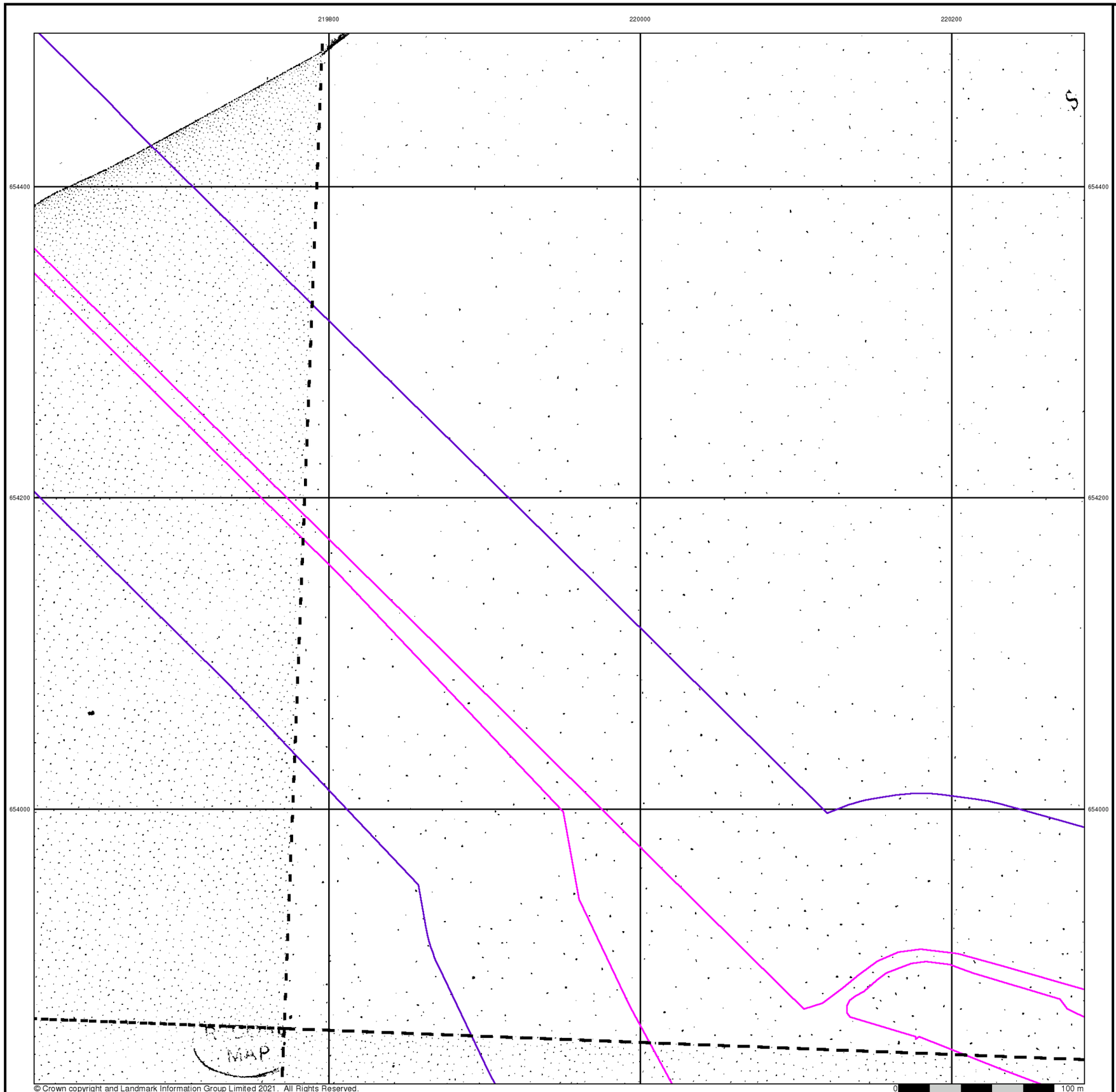
Web: www.envirocheck.co.uk



0 100 m

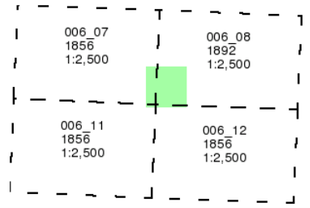
Ayrshire

Published 1856 - 1892

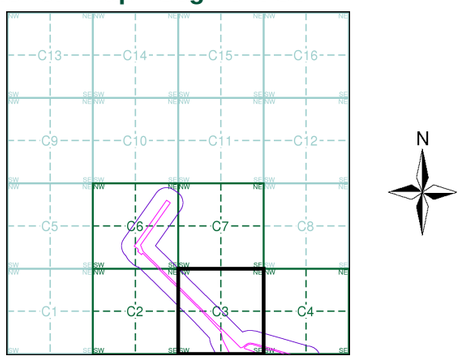
Source map scale - 1:2,500

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:	287571652_1_1
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National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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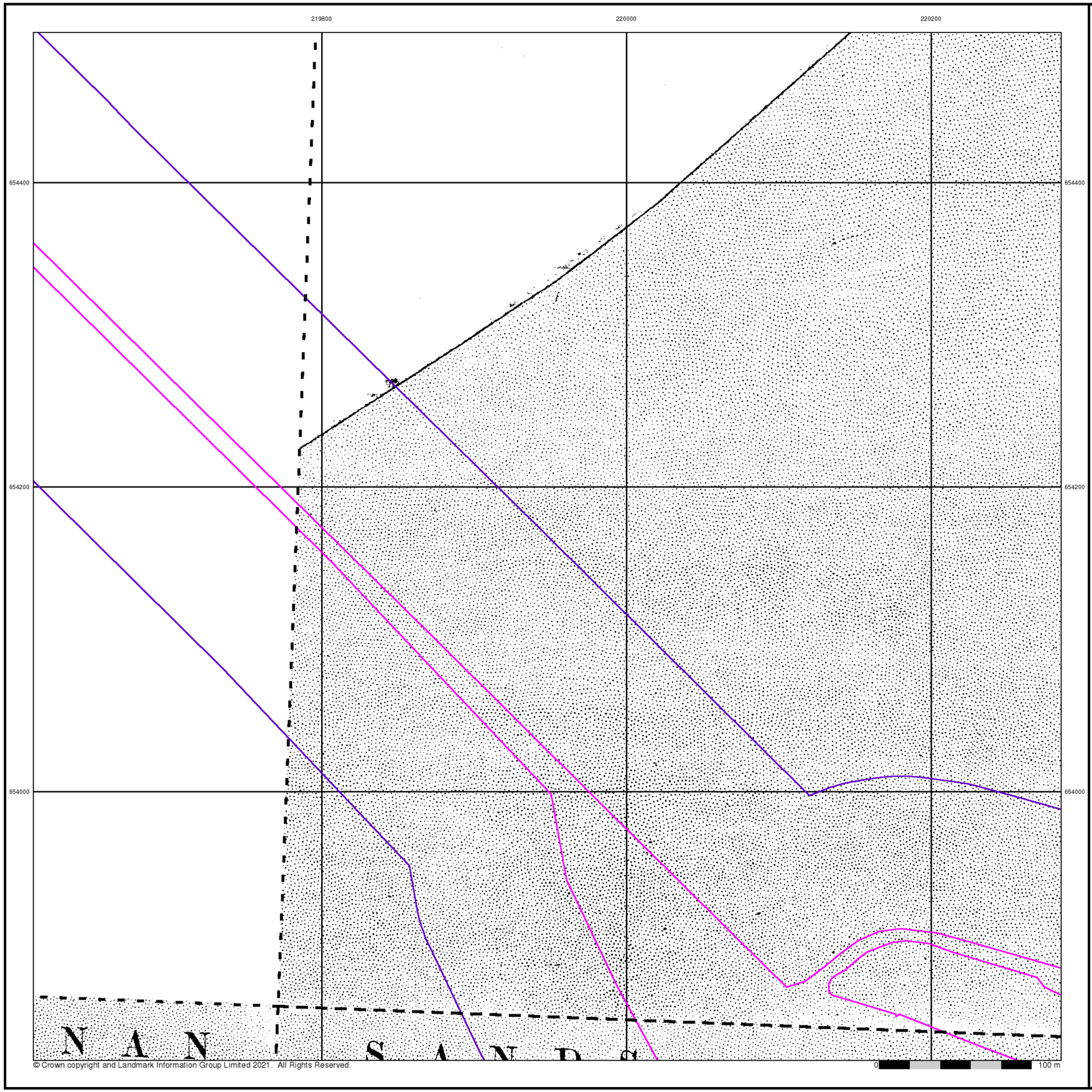

Ayrshire

Published 1897

Source map scale - 1:2,500

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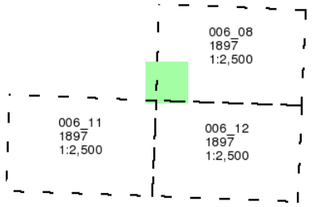
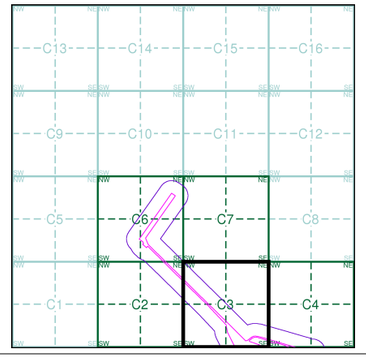
Map Name(s) and Date(s)



Historical Map - Segment C3



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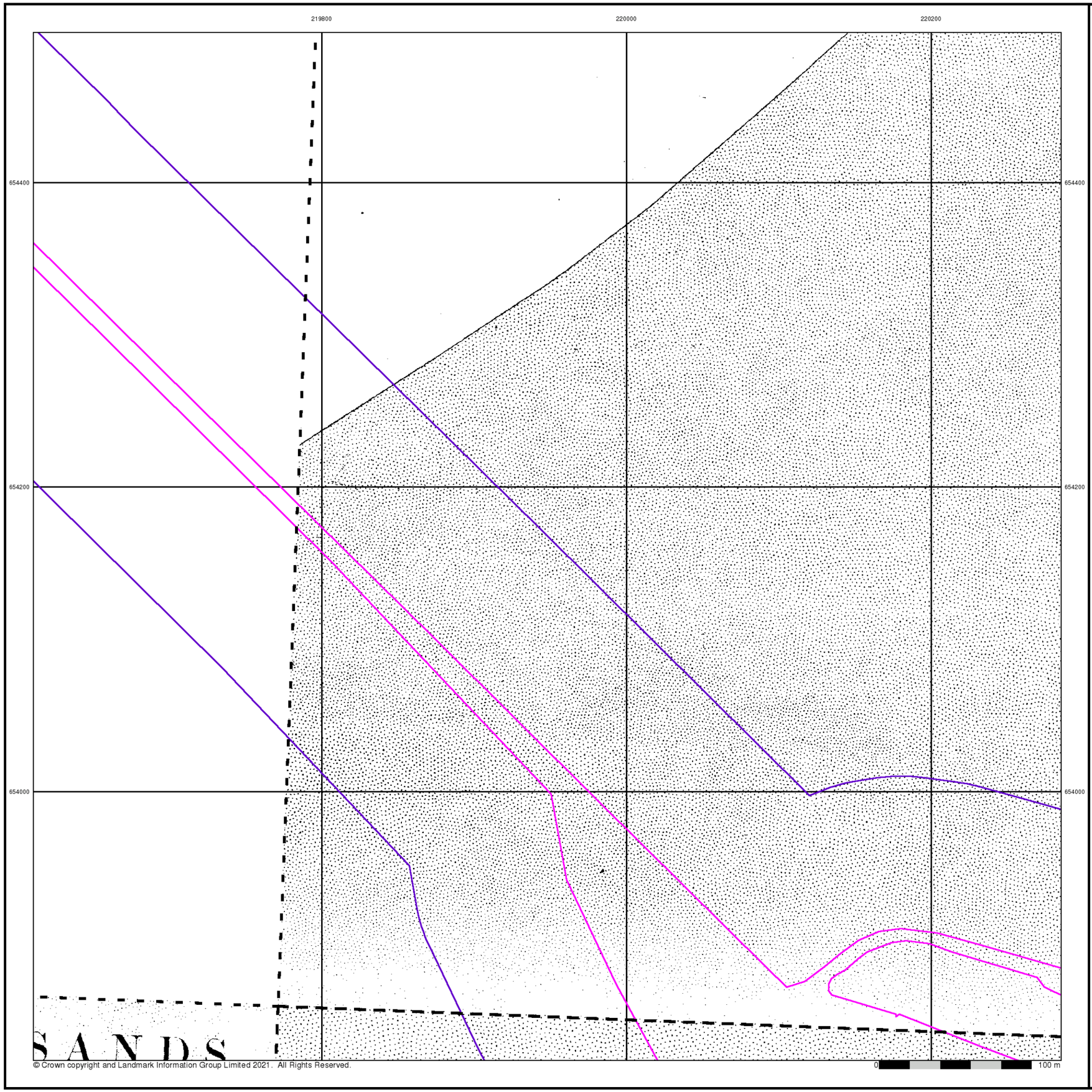
Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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



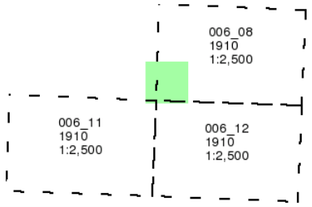
Ayrshire

Published 1910

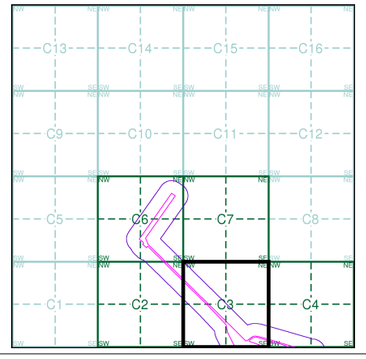
Source map scale - 1:2,500

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



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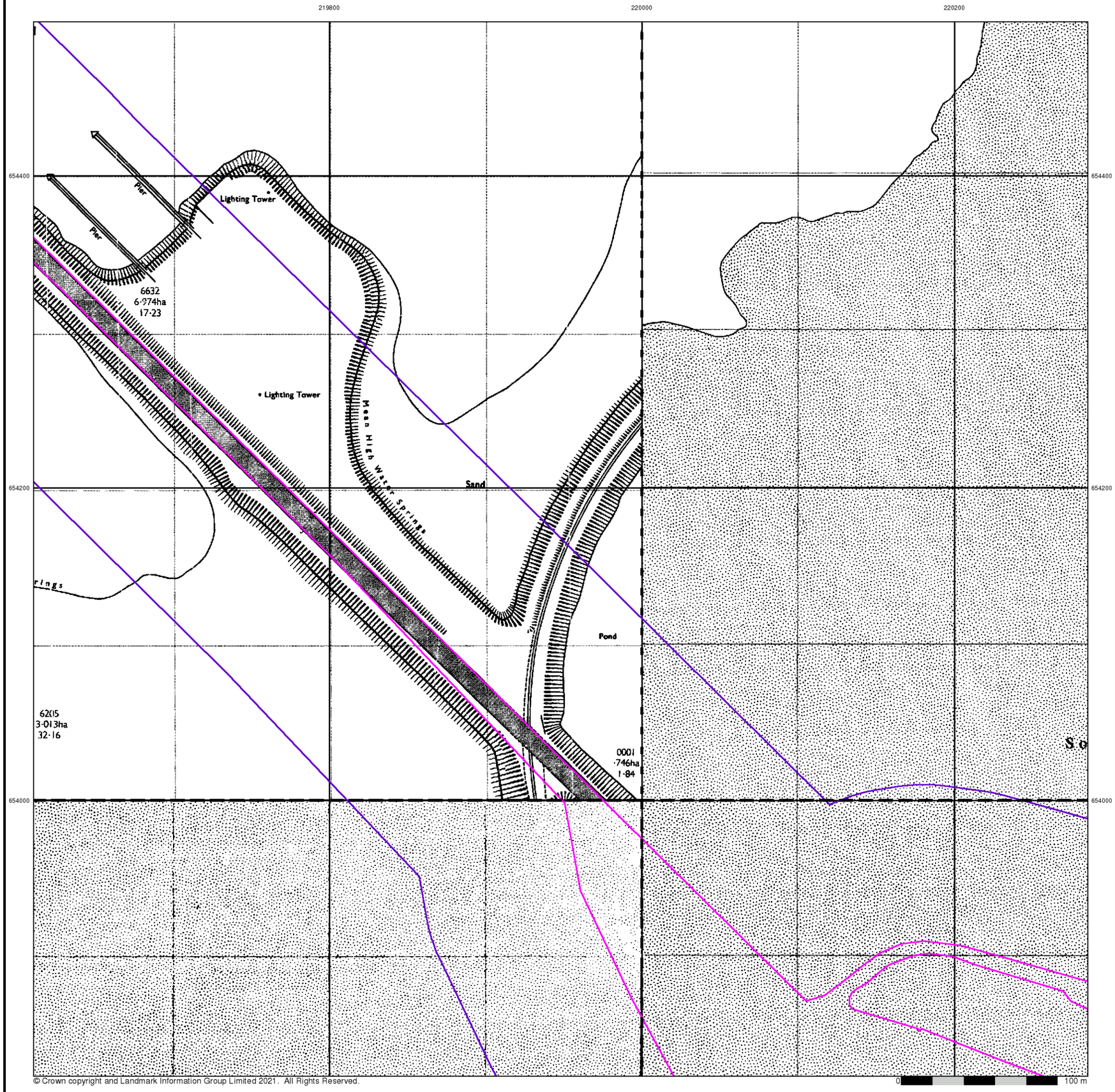

Ordnance Survey Plan

Published 1966 - 1981

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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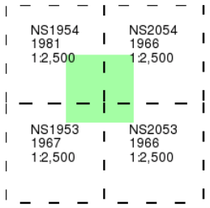
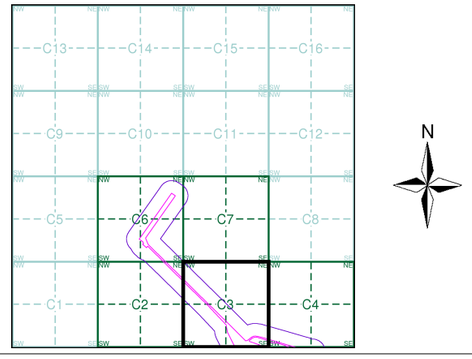


Historical Map - Segment C3



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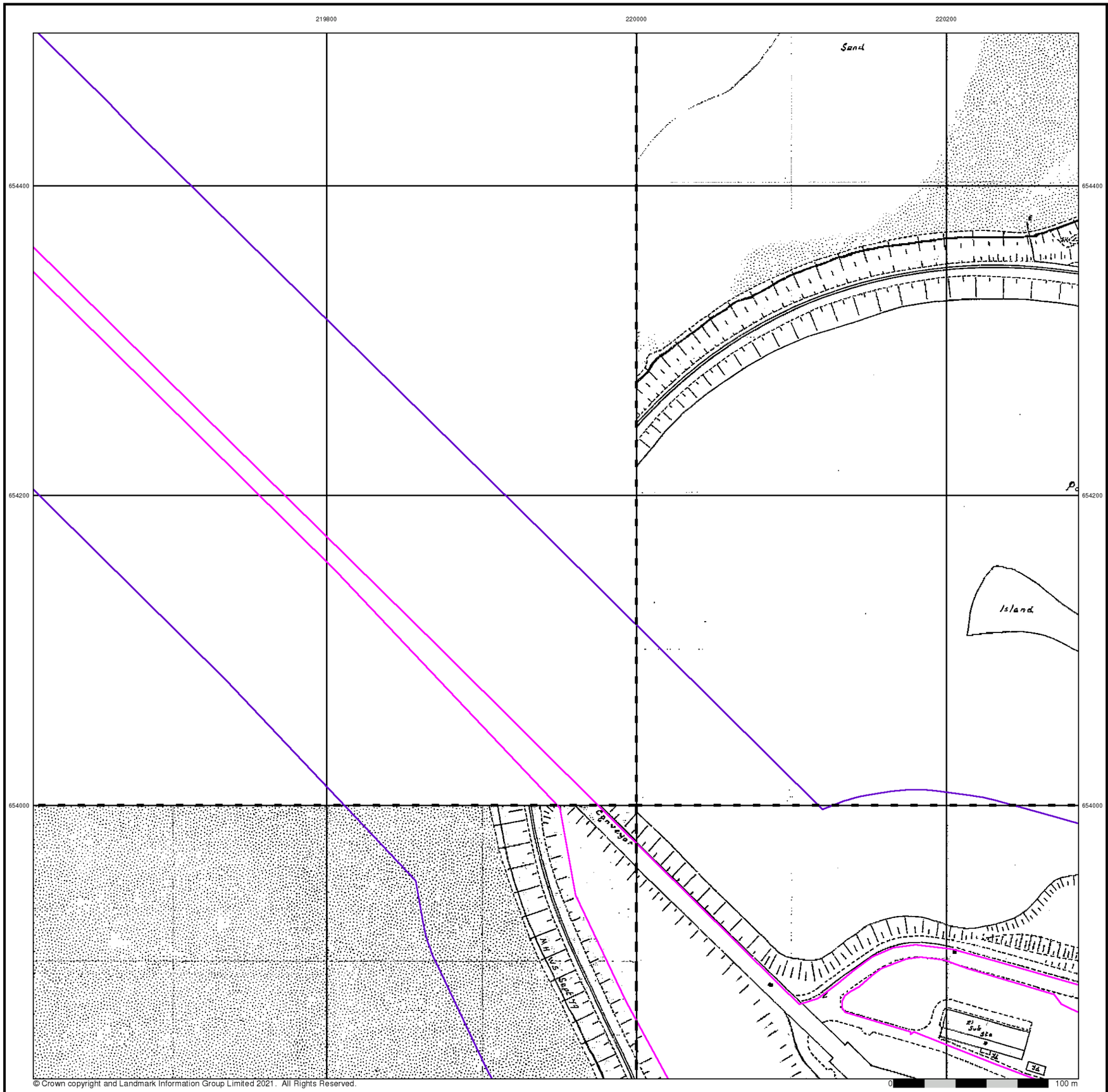


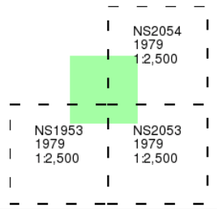
Additional SIMs

Published 1979

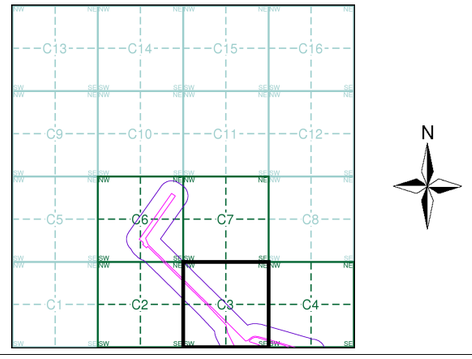
Source map scale - 1:2,500

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 C3



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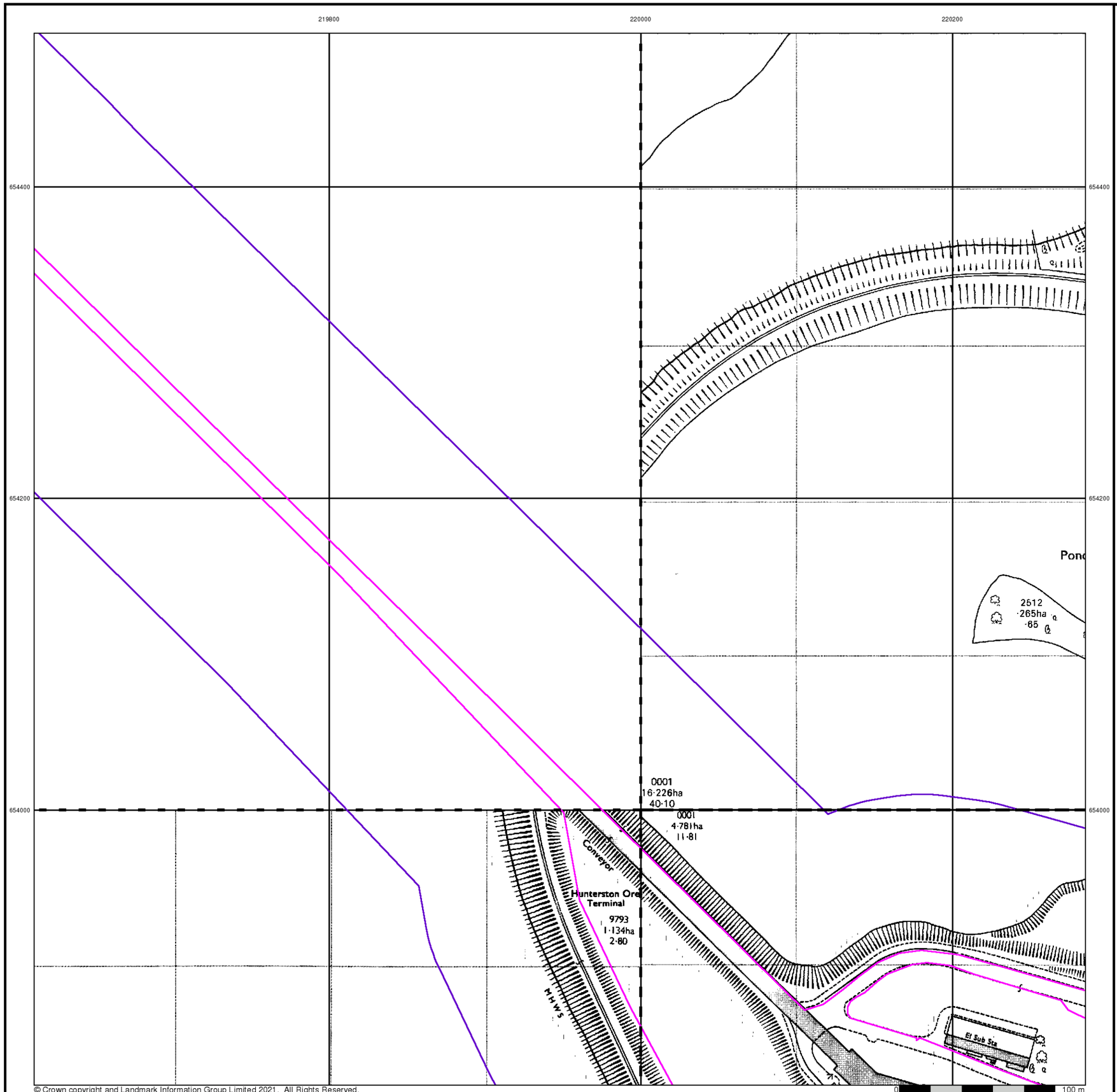


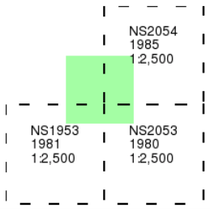
Ordnance Survey Plan

Published 1980 - 1985

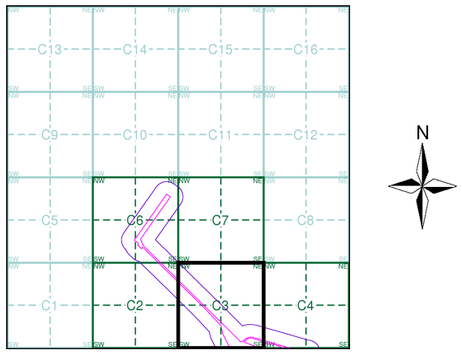
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment C3



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Search Buffer (m):	100

Site Details

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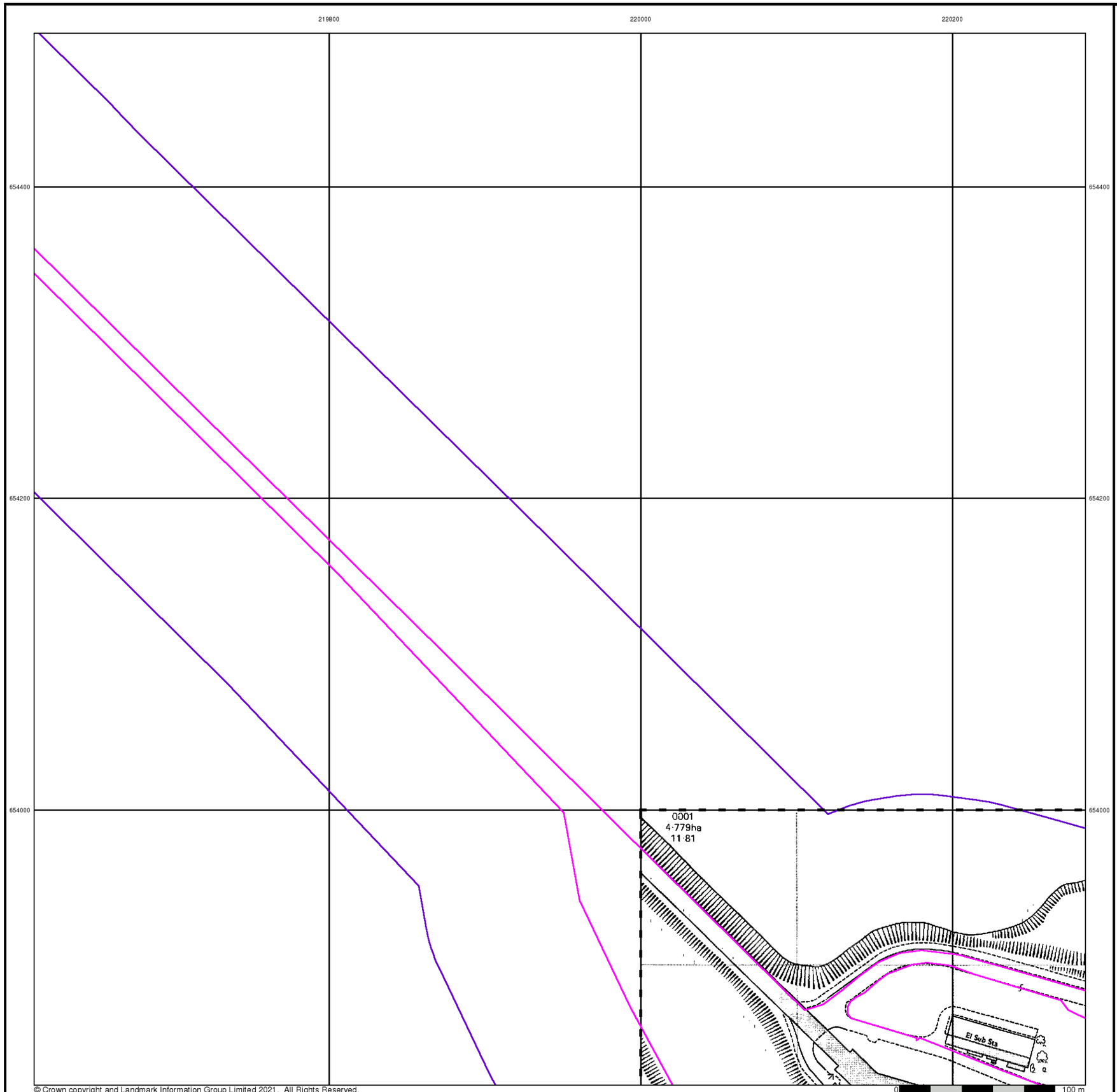


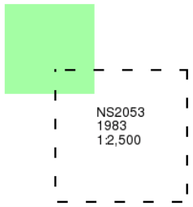
Ordnance Survey Plan

Published 1983

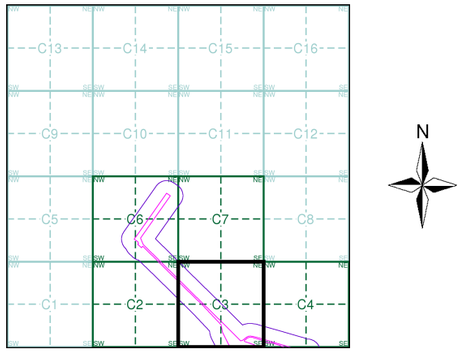
Source map scale - 1:2,500

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



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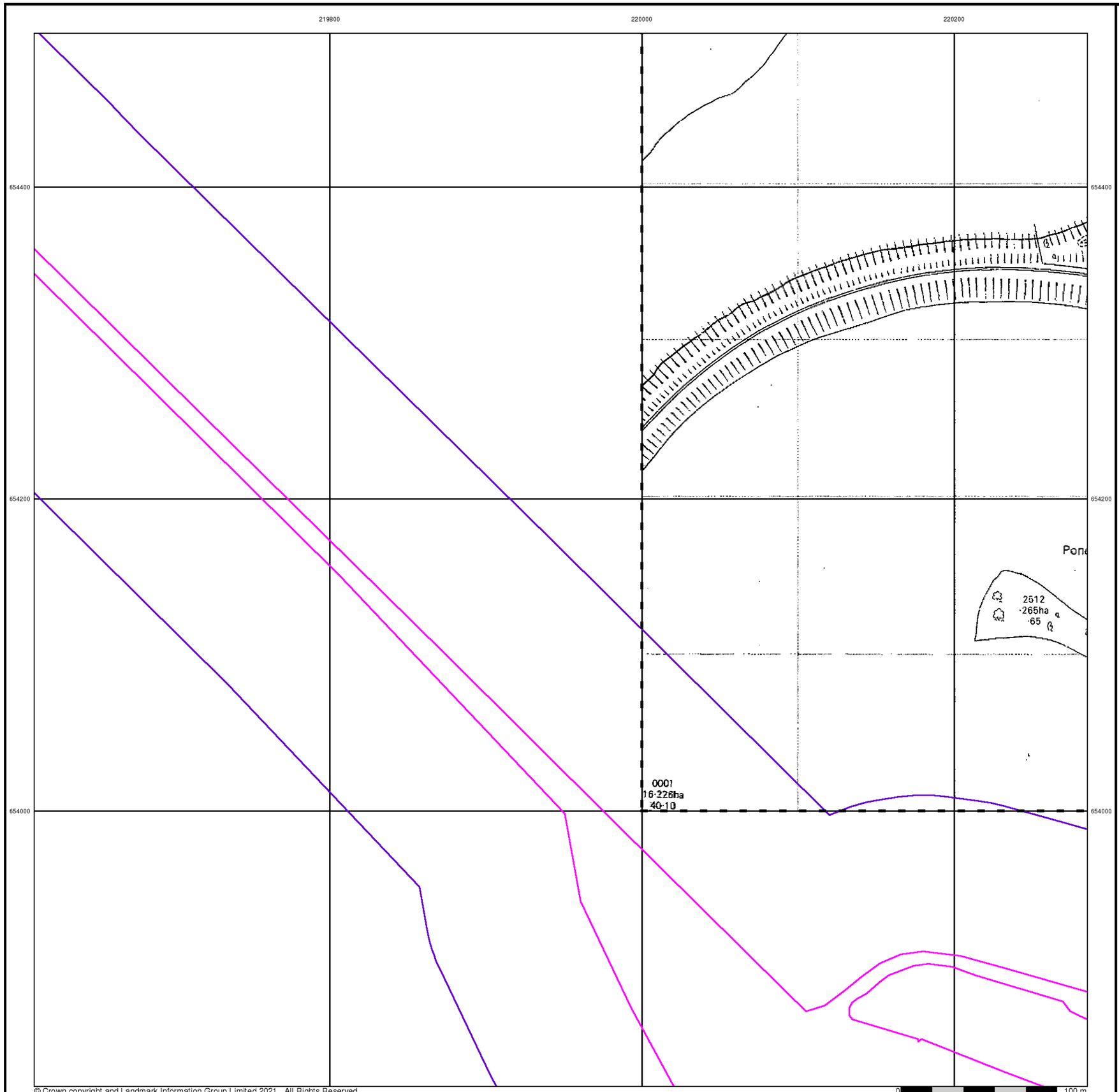


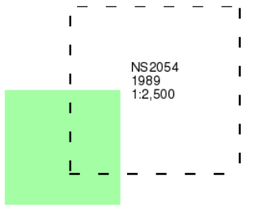
Additional SIMs

Published 1989

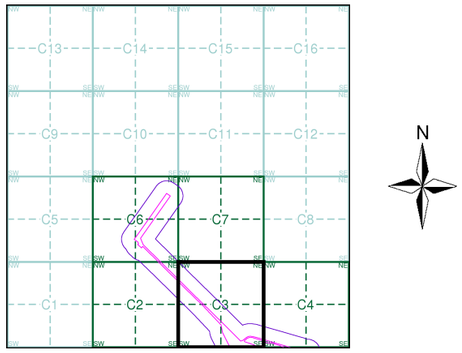
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment C3



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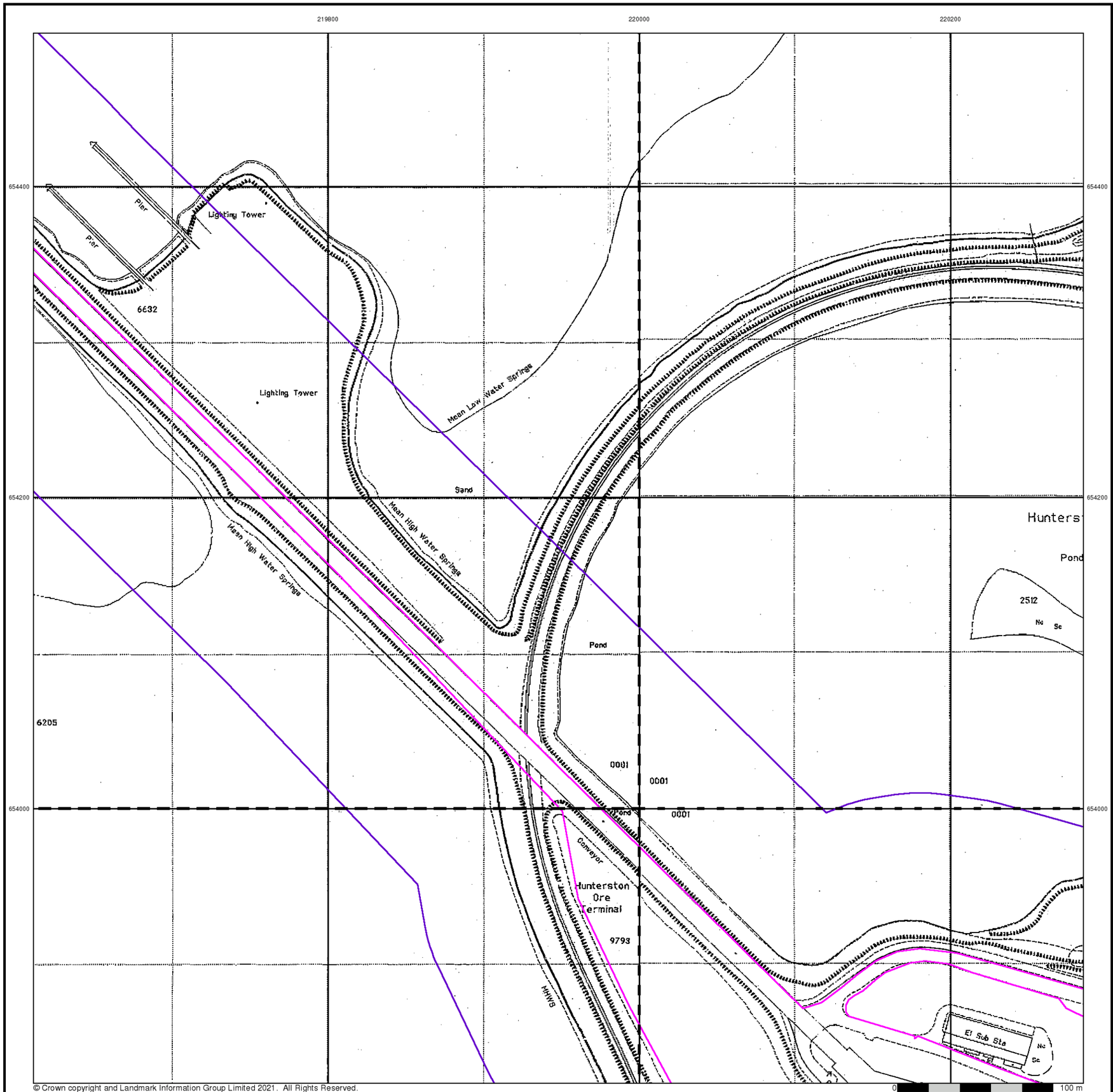


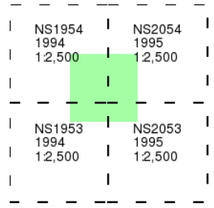
Large-Scale National Grid Data

Published 1994 - 1995

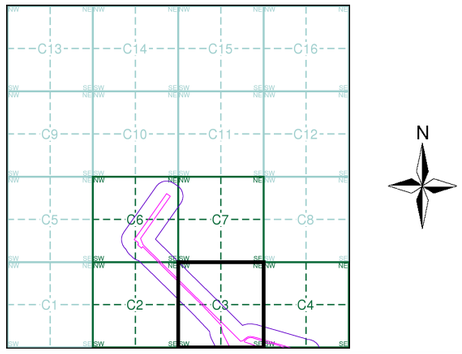
Source map scale - 1:2,500

'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 C3



Order Details

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National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
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Site Details

Site at 219948,653824

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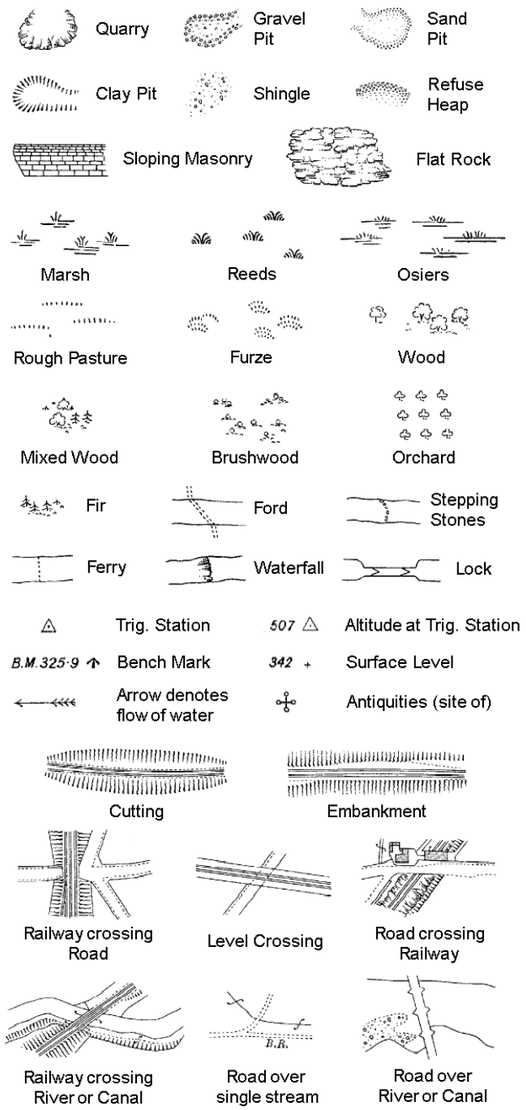
Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

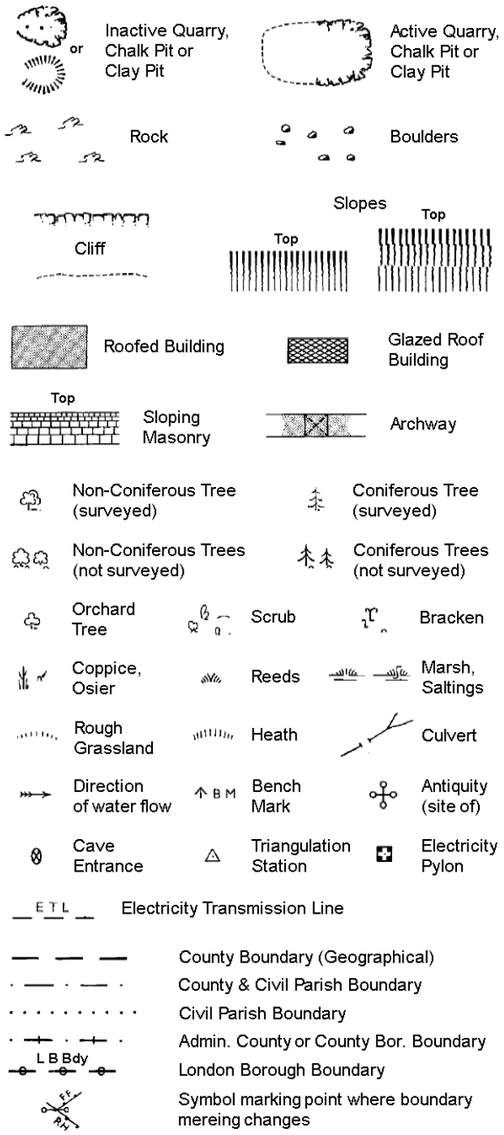
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	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	St.	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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

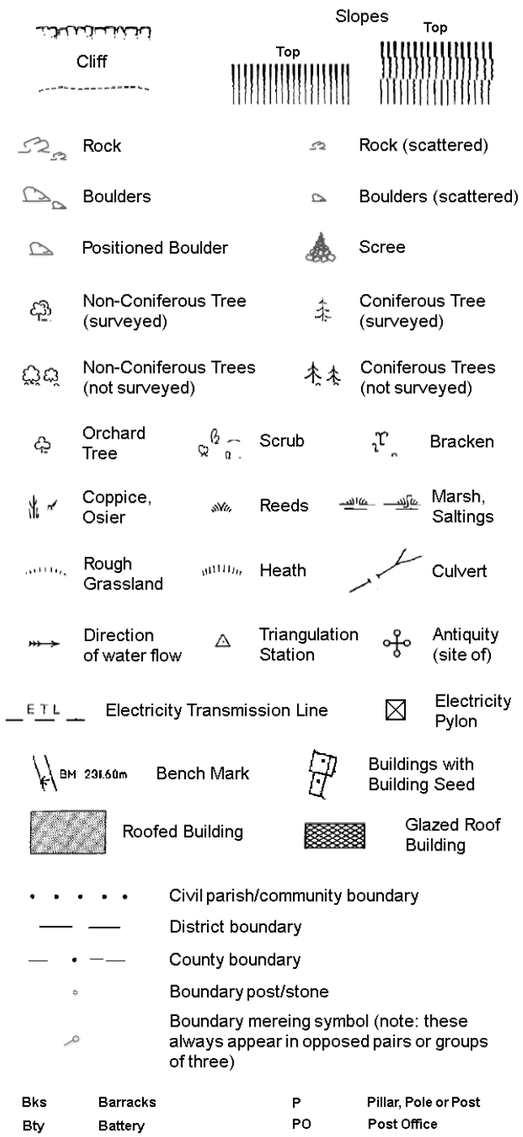
Admin. County or County Bor. Boundary

L B Bdy 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
El 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



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)

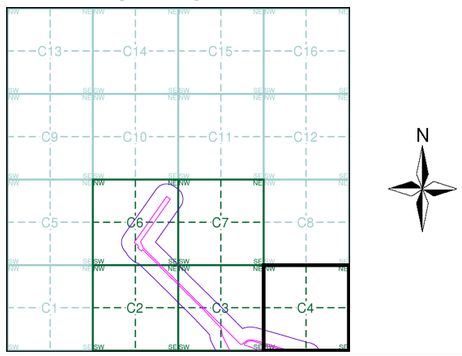
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El 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 Governer	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

rps

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Ayrshire	1:2,500	1856 - 1892	2
Ayrshire	1:2,500	1897	3
Ayrshire	1:2,500	1910	4
Ordnance Survey Plan	1:2,500	1966	5
Additional SIMs	1:2,500	1979	6
Ordnance Survey Plan	1:2,500	1980 - 1985	7
Ordnance Survey Plan	1:2,500	1983	8
Additional SIMs	1:2,500	1989	9
Large-Scale National Grid Data	1:2,500	1995	10

Historical Map - Segment C4



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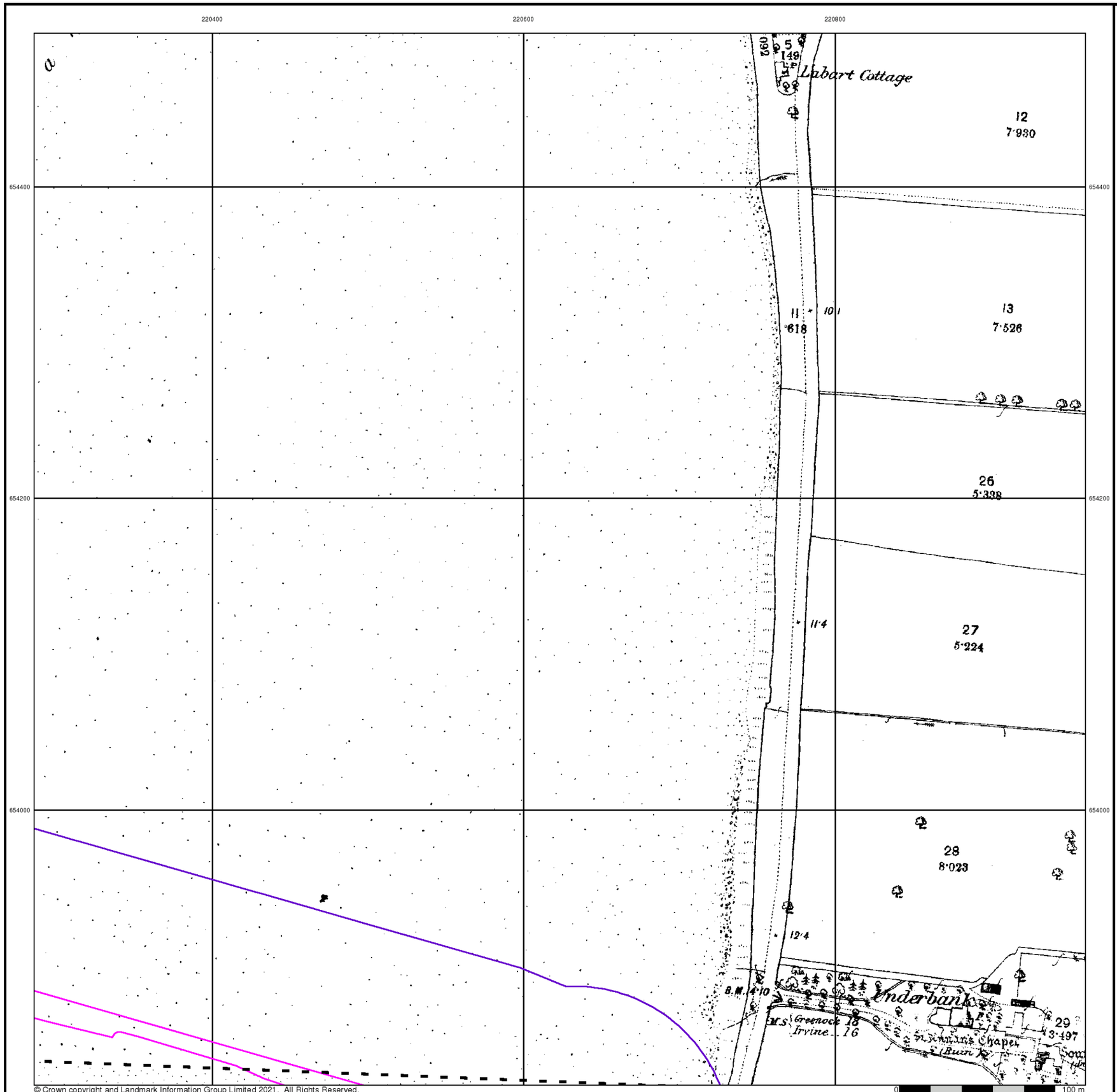

Ayrshire

Published 1856 - 1892

Source map scale - 1:2,500

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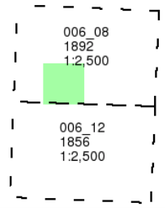
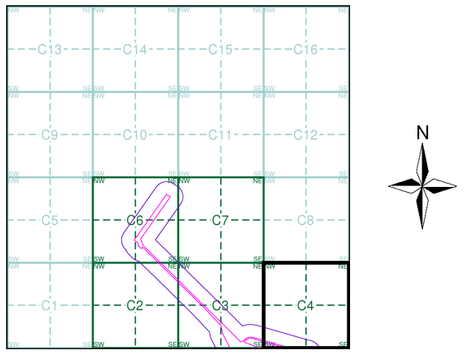


Historical Map - Segment C4



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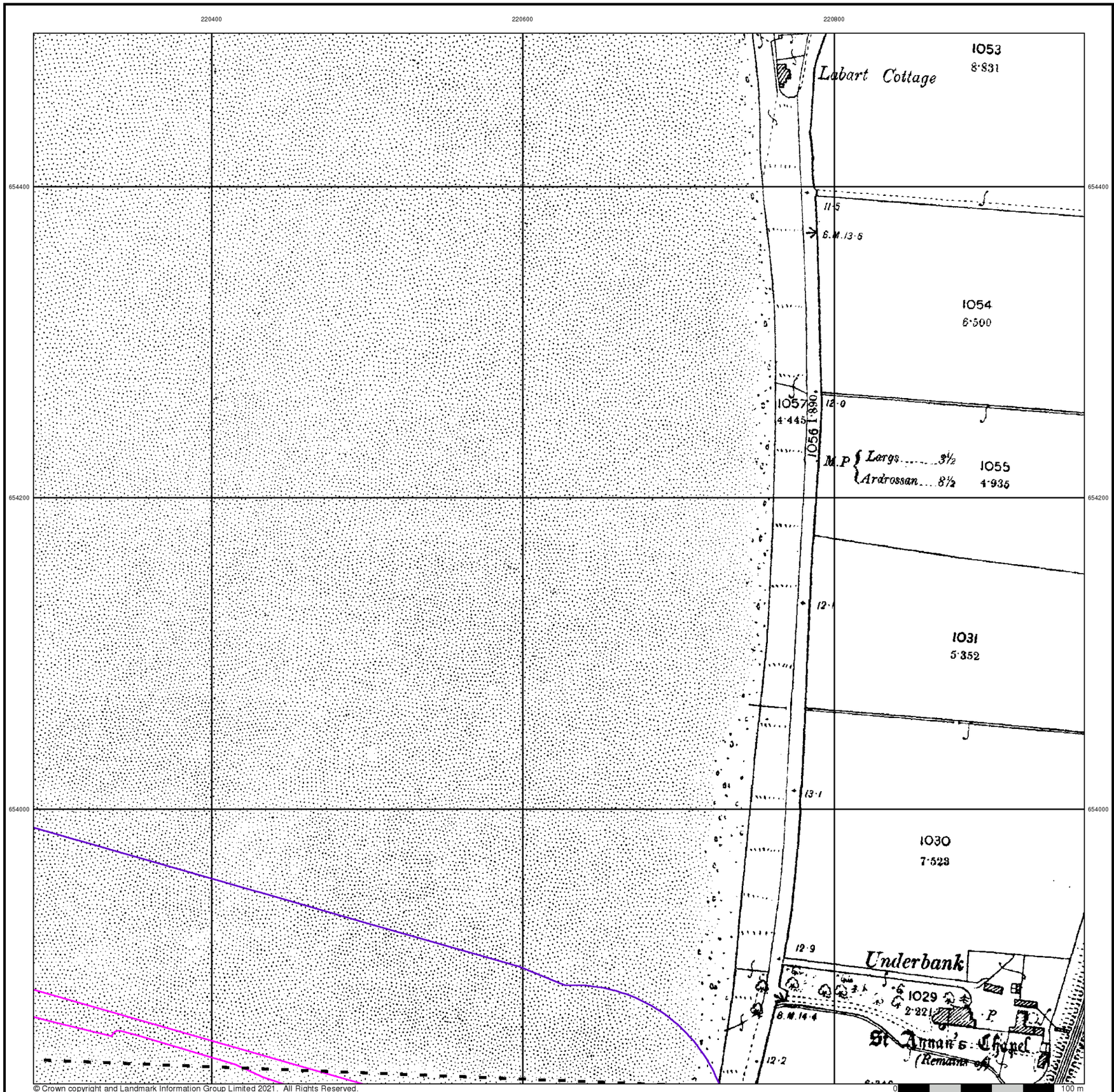

Ayrshire

Published 1897

Source map scale - 1:2,500

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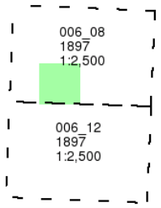
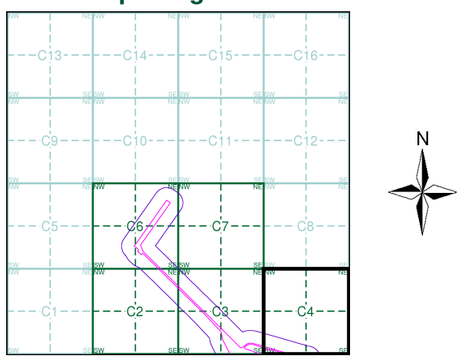


Historical Map - Segment C4



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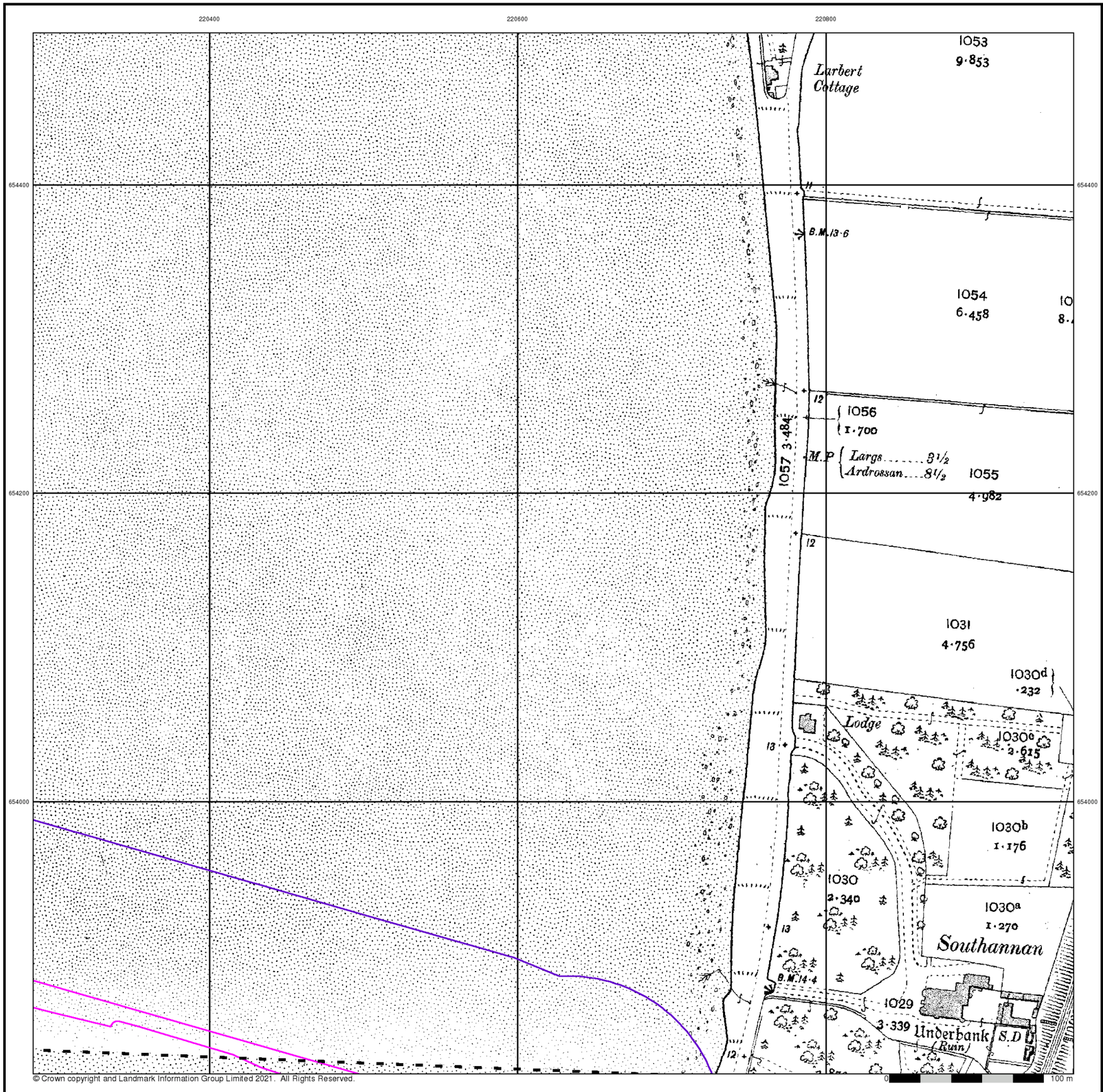

Ayrshire

Published 1910

Source map scale - 1:2,500

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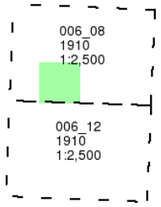
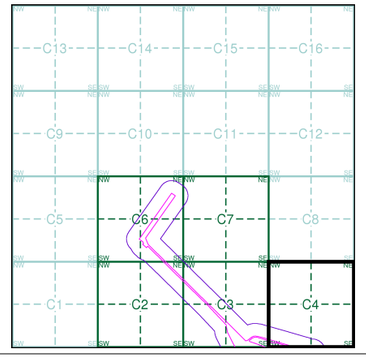
Map Name(s) and Date(s)



Historical Map - Segment C4



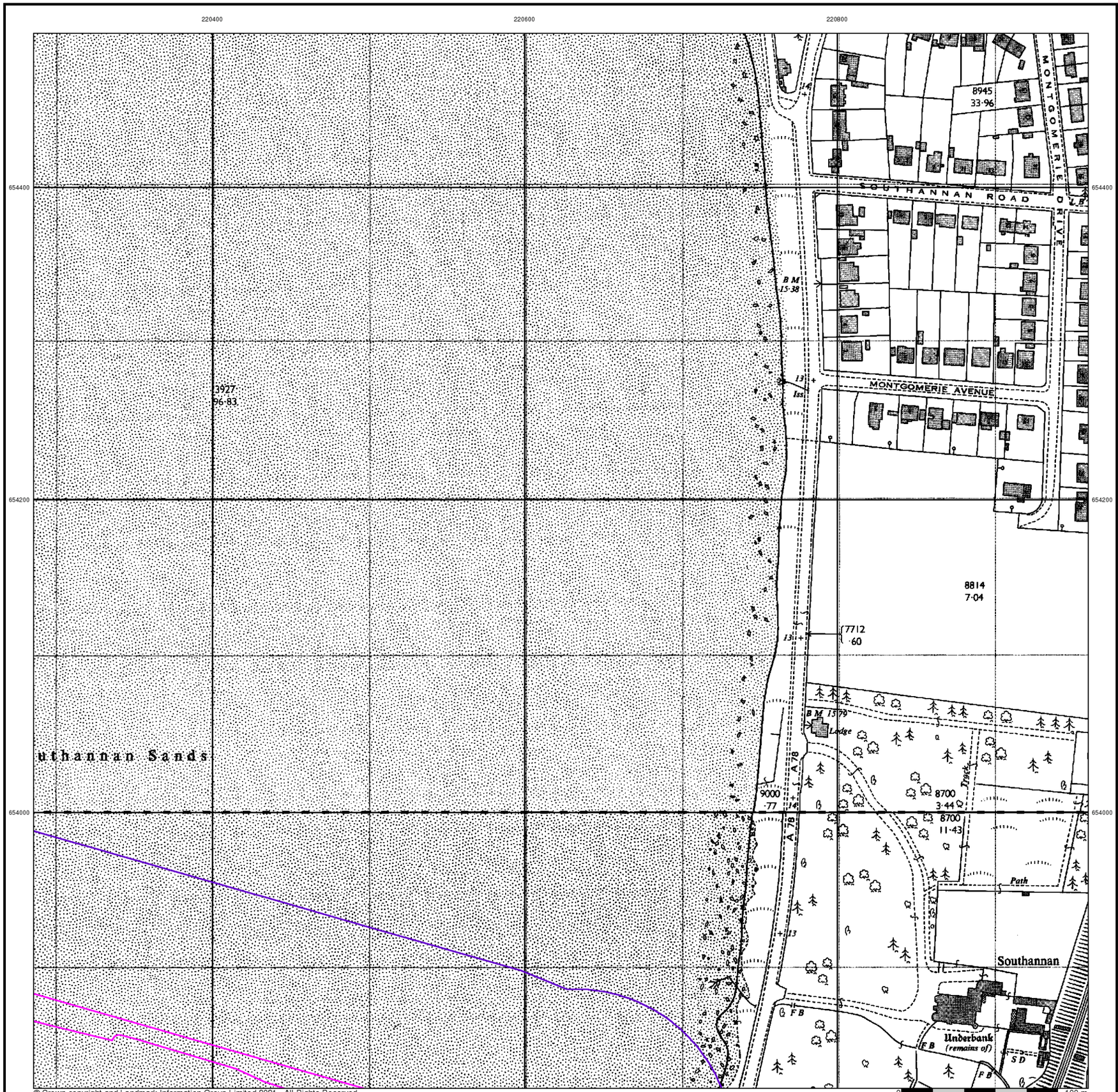
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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



Ordnance Survey Plan

Published 1966

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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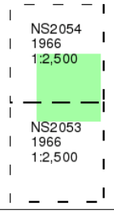
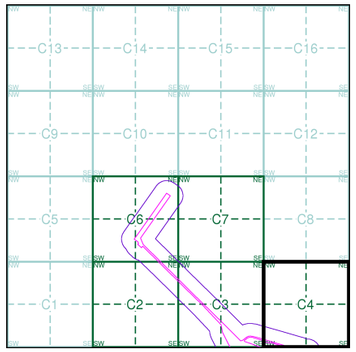


Historical Map - Segment C4



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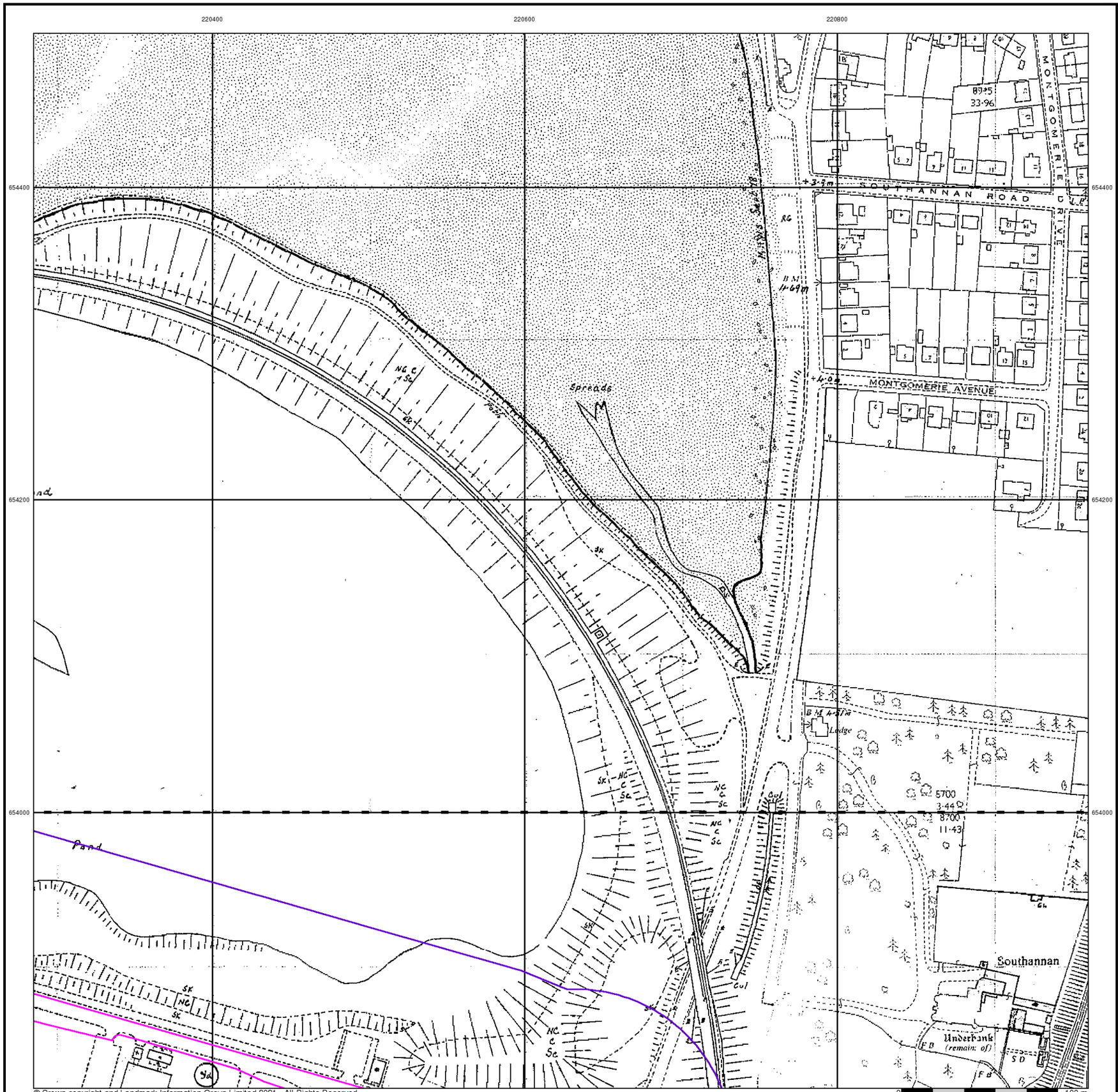


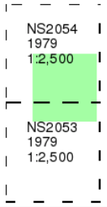
Additional SIMs

Published 1979

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)



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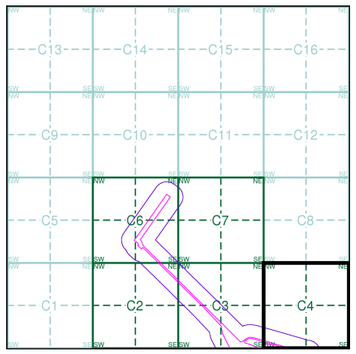

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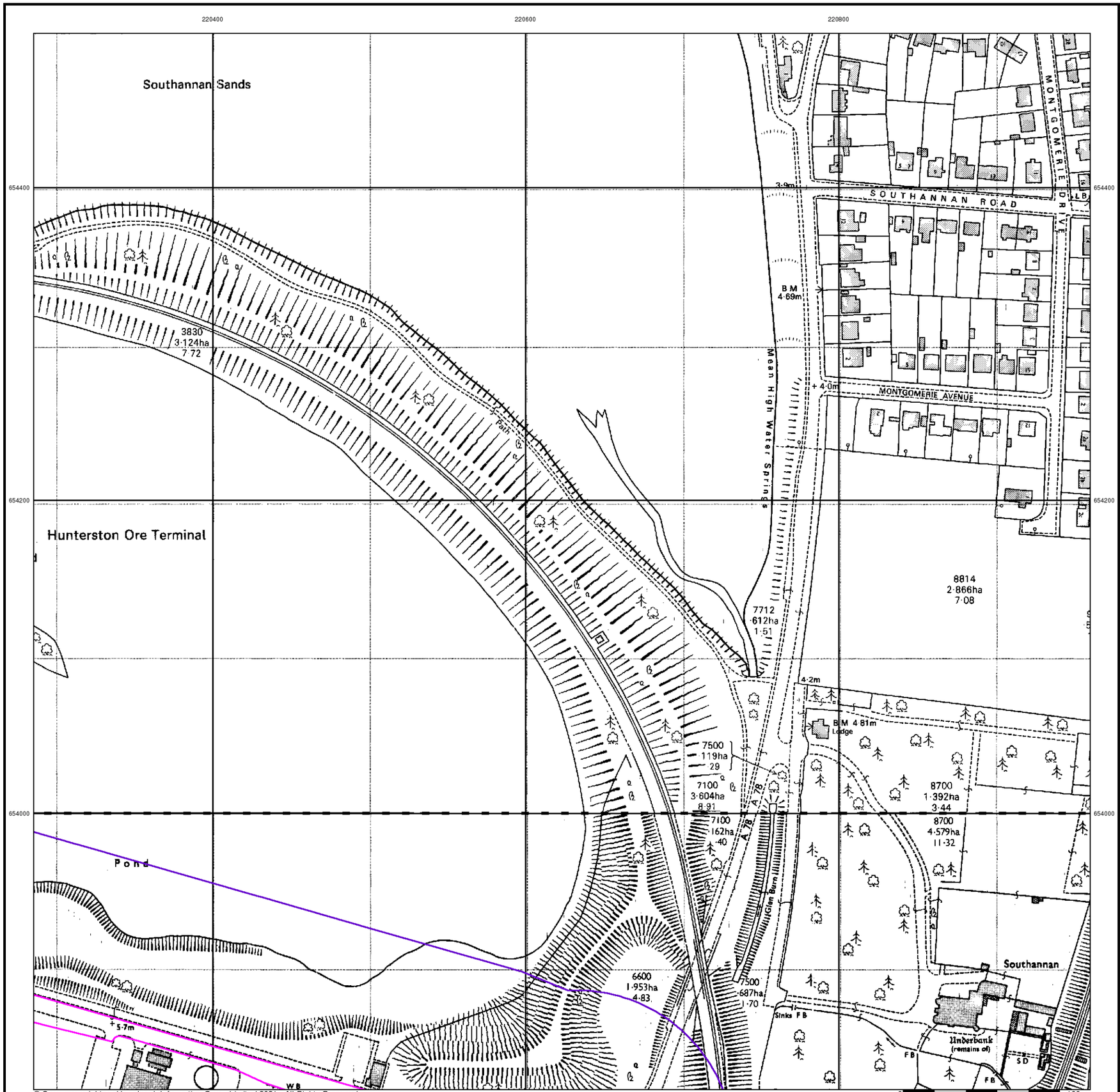

Ordnance Survey Plan

Published 1980 - 1985

Source map scale - 1:2,500

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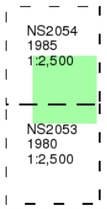
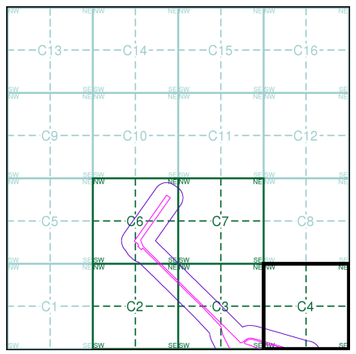
Map Name(s) and Date(s)



Historical Map - Segment C4



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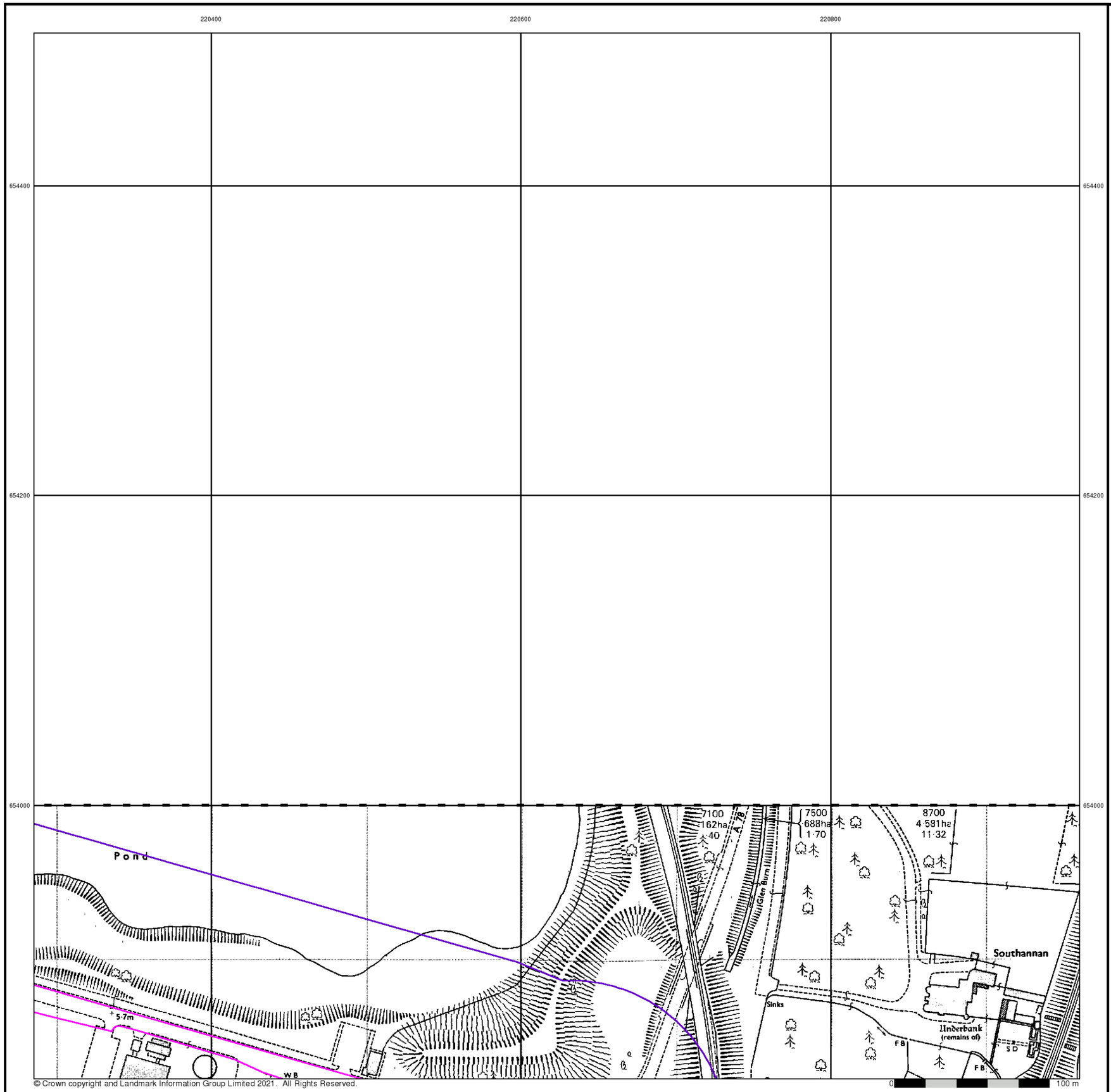

Ordnance Survey Plan

Published 1983

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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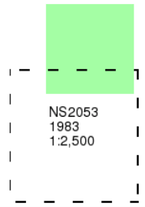
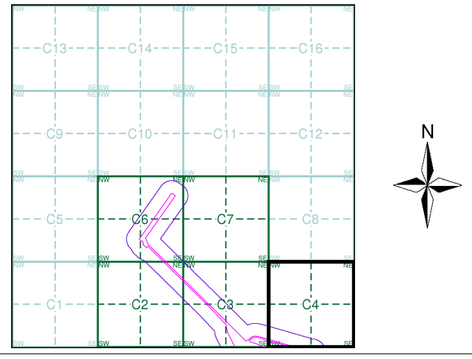


Historical Map - Segment C4



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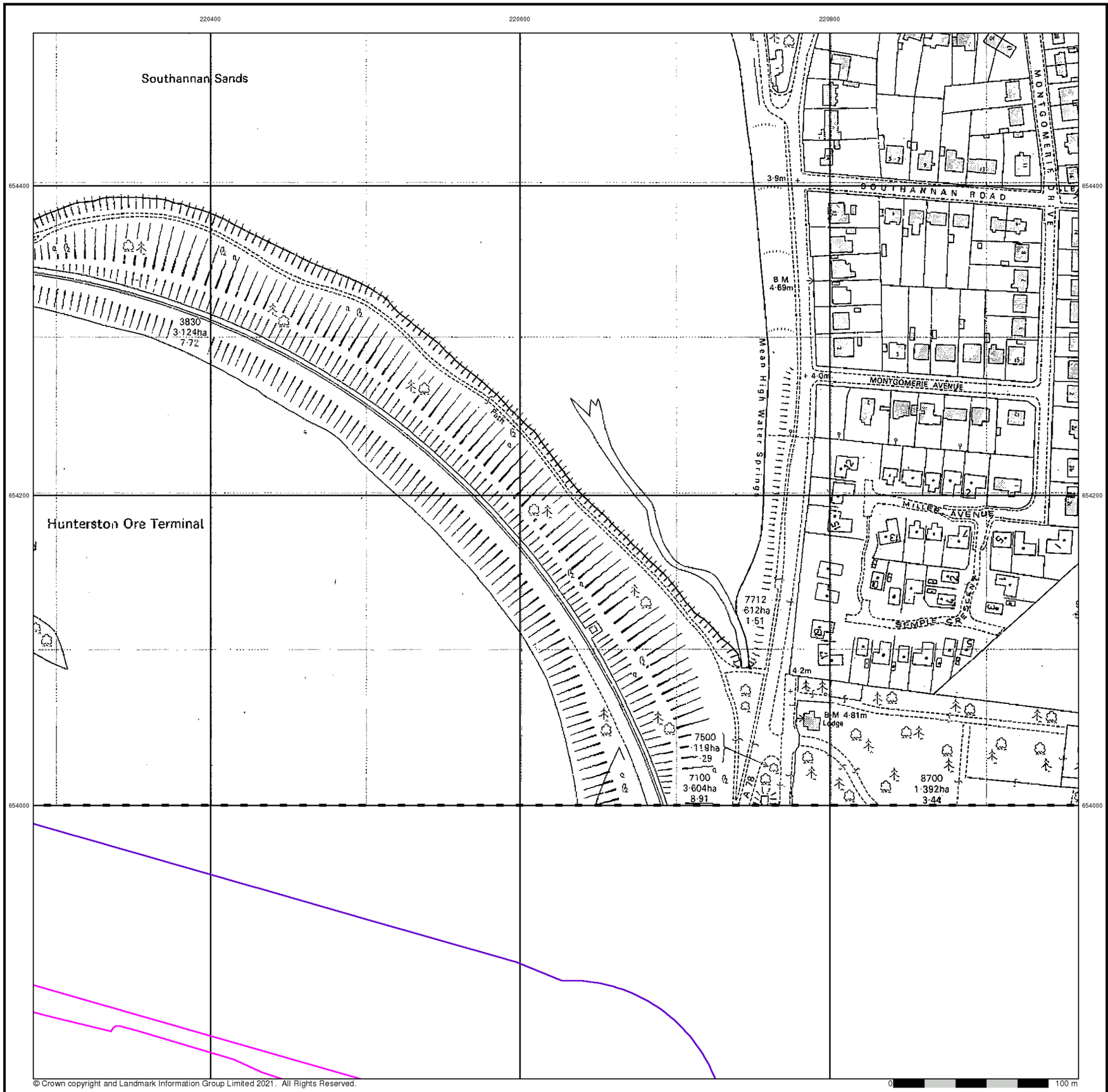


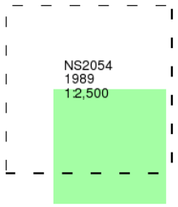
Additional SIMs

Published 1989

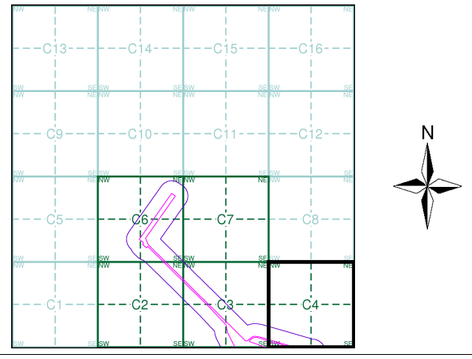
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment C4



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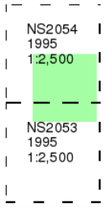
Large-Scale National Grid Data

Published 1995

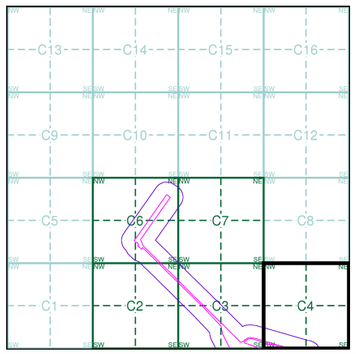
Source map scale - 1:2,500

'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 C4



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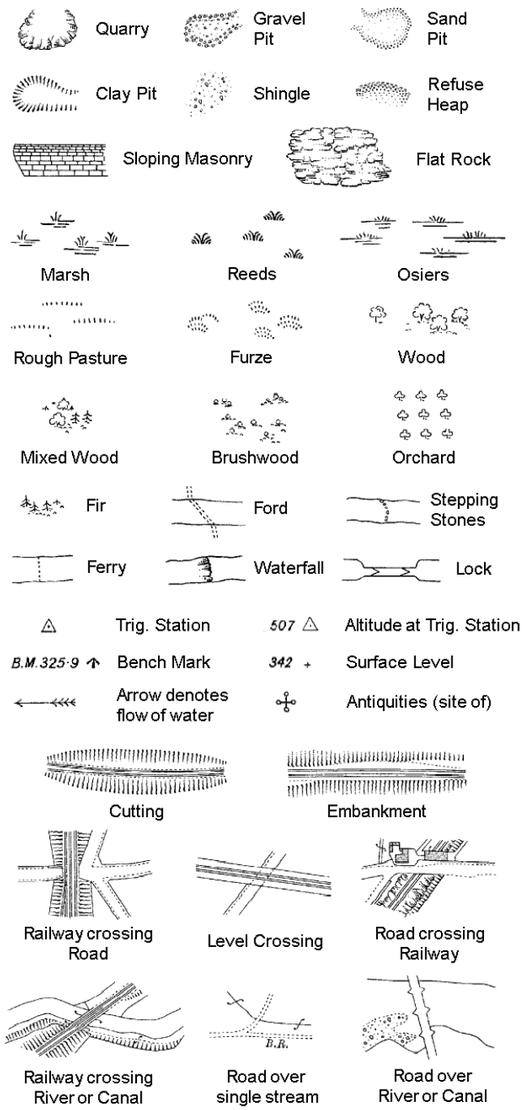
Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

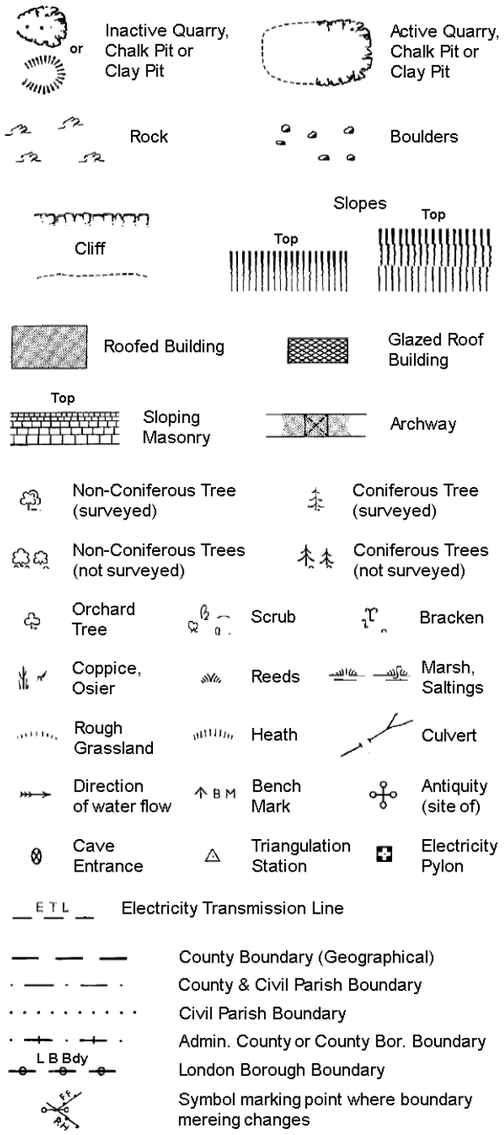
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

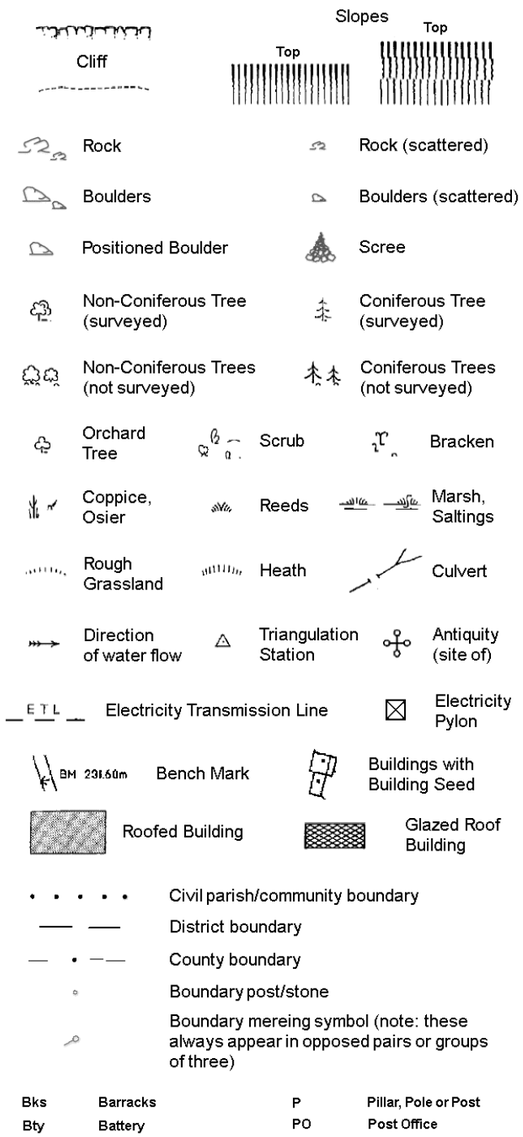
Admin. County or County Bor. Boundary

L B Bdy 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
El 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



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)

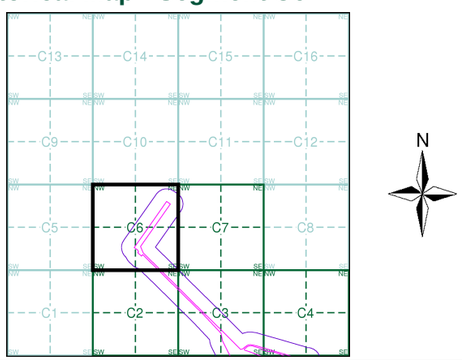
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El 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 Governer	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

rps

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Ayrshire	1:2,500	1856	2
Argyllshire	1:2,500	1893	3
Argyllshire	1:2,500	1896	4
Ordnance Survey Plan	1:2,500	1967 - 1981	5
Large-Scale National Grid Data	1:2,500	1994	6

Historical Map - Segment C6



Order Details

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Site Details

Site at 219948,653824

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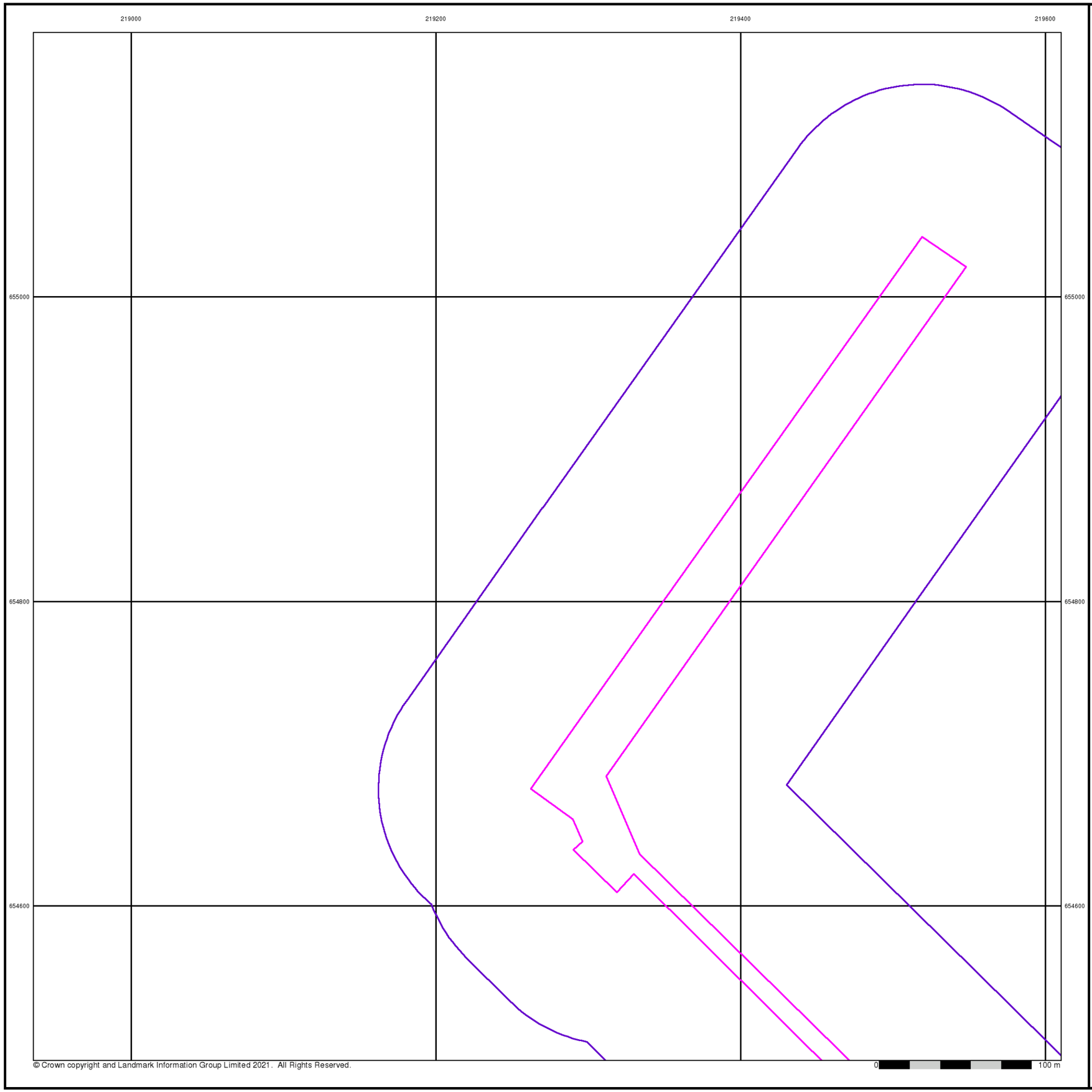

Ayrshire

Published 1856

Source map scale - 1:2,500

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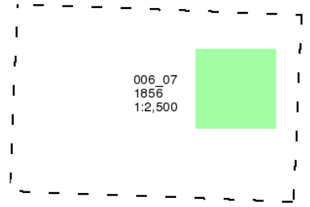
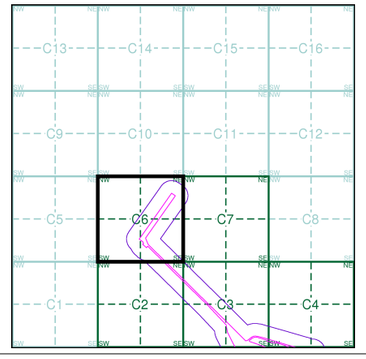


Historical Map - Segment C6



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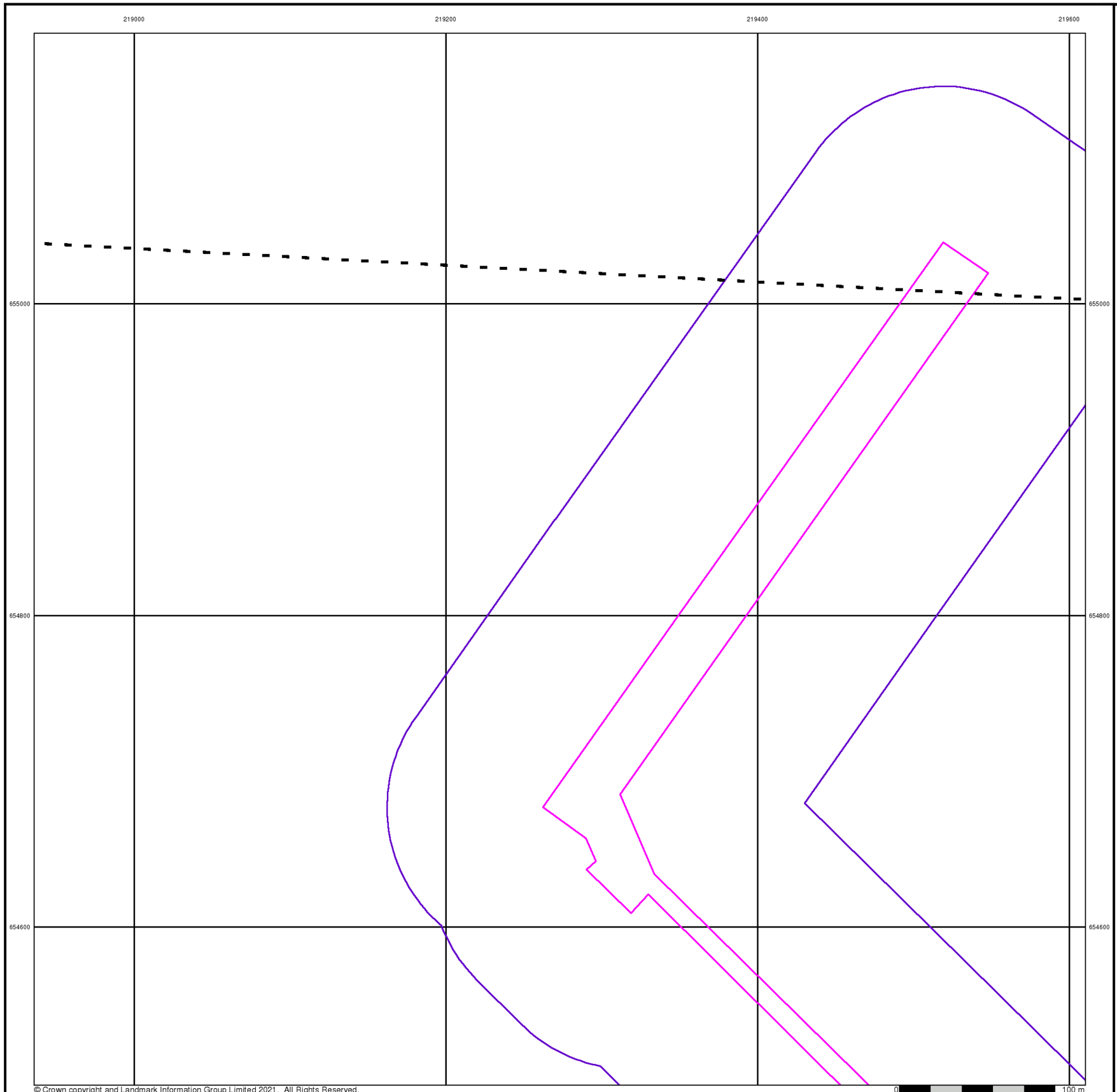

Argyllshire

Published 1893

Source map scale - 1:2,500

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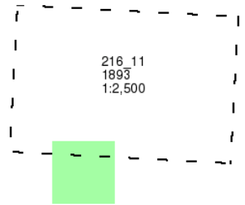
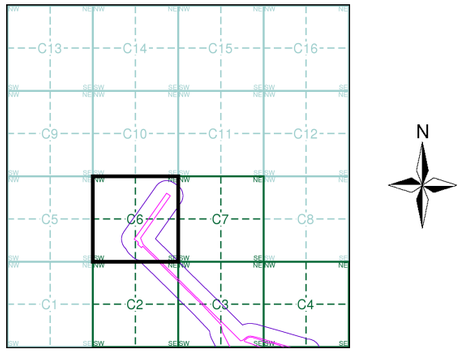


Historical Map - Segment C6



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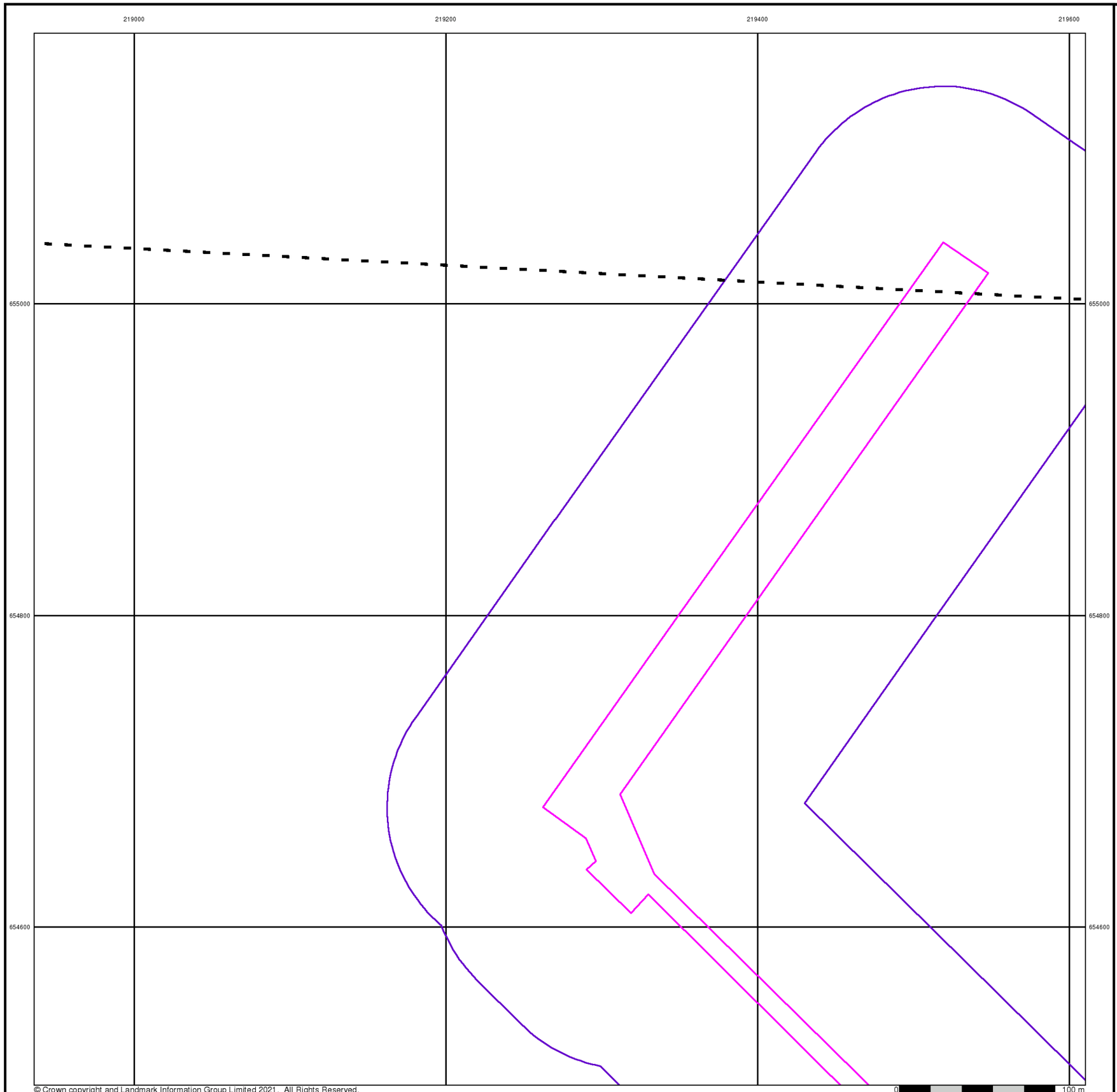

Argyllshire

Published 1896

Source map scale - 1:2,500

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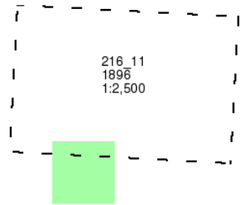
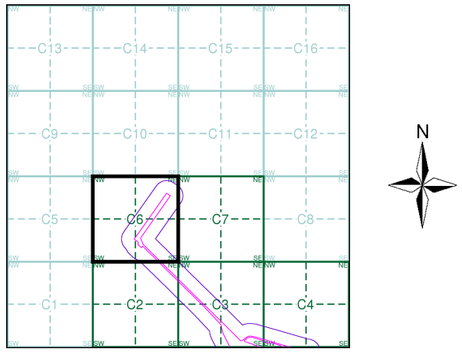


Historical Map - Segment C6



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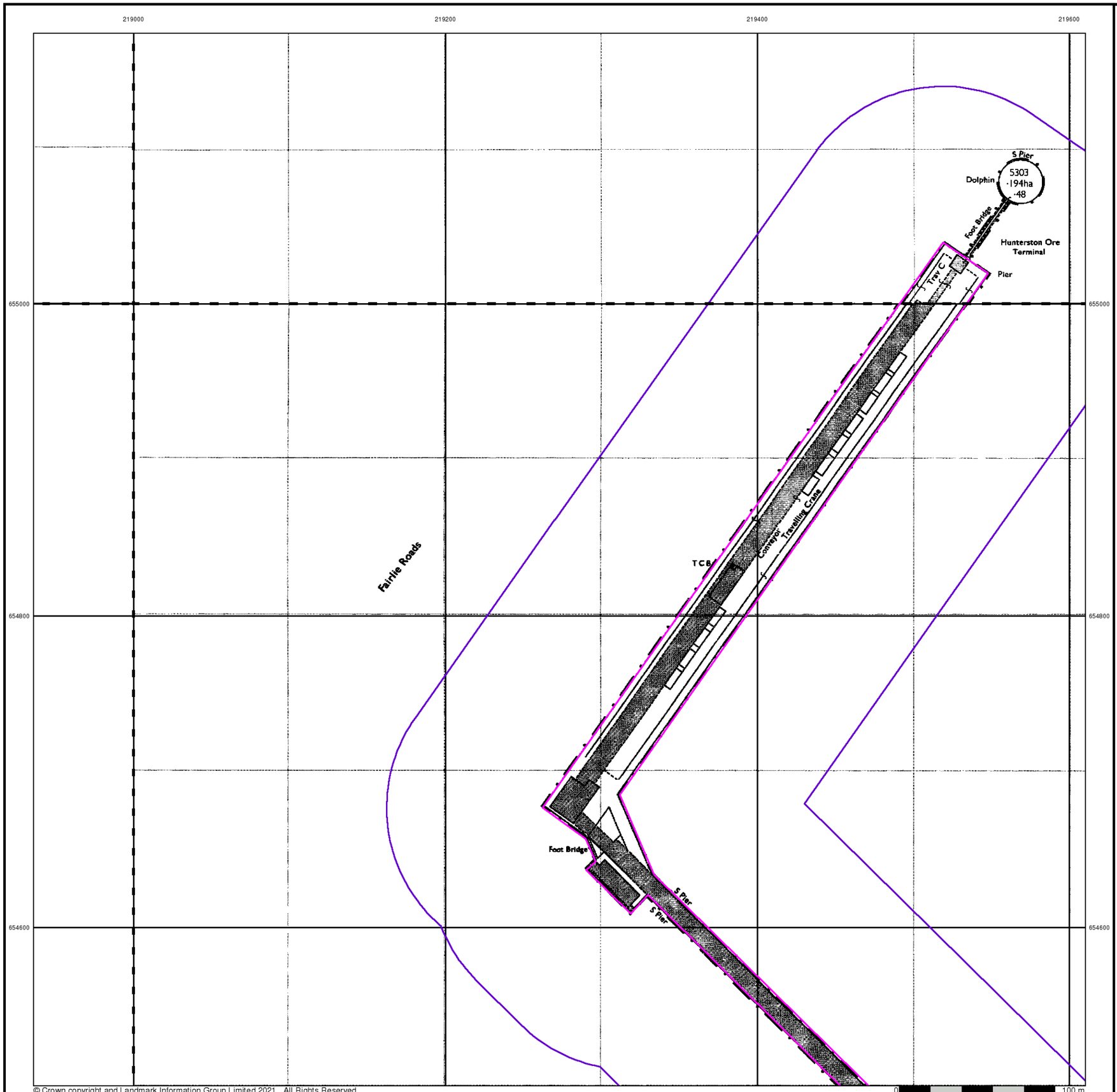


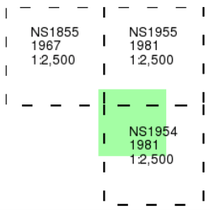
Ordnance Survey Plan

Published 1967 - 1981

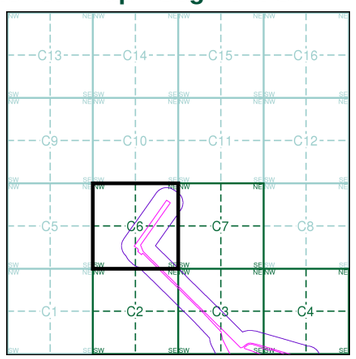
Source map scale - 1:2,500

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 C6



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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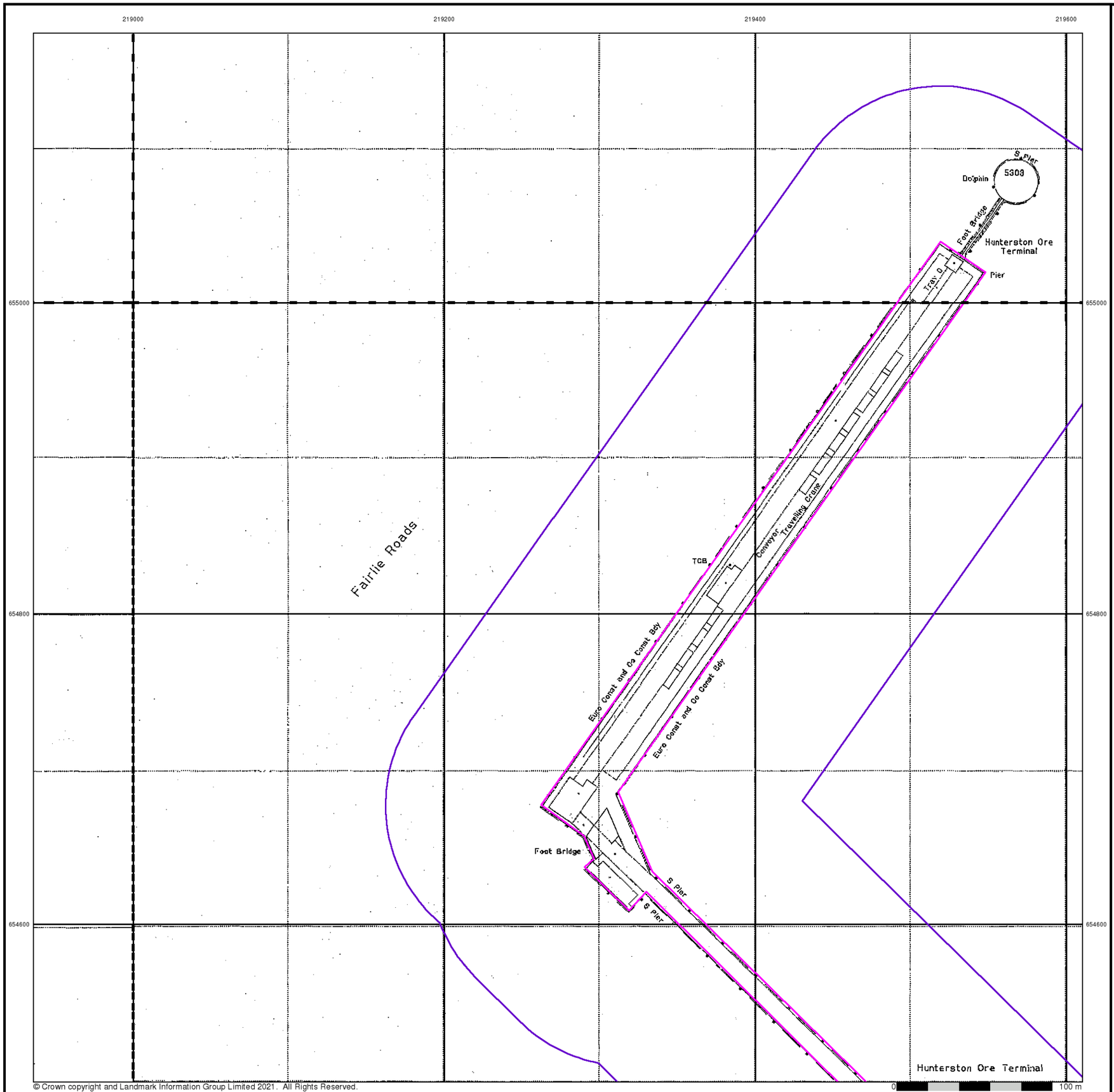


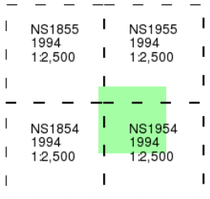
Large-Scale National Grid Data

Published 1994

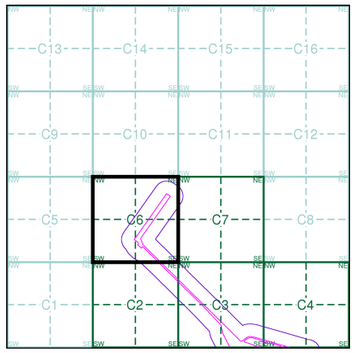
Source map scale - 1:2,500

'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)



Historical Map - Segment C6



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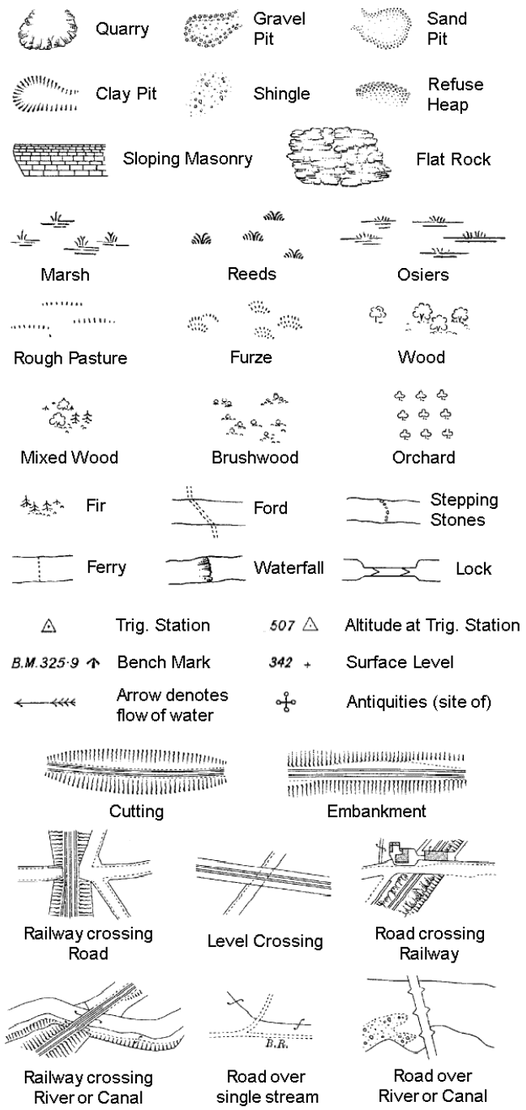
Historical Mapping Legends

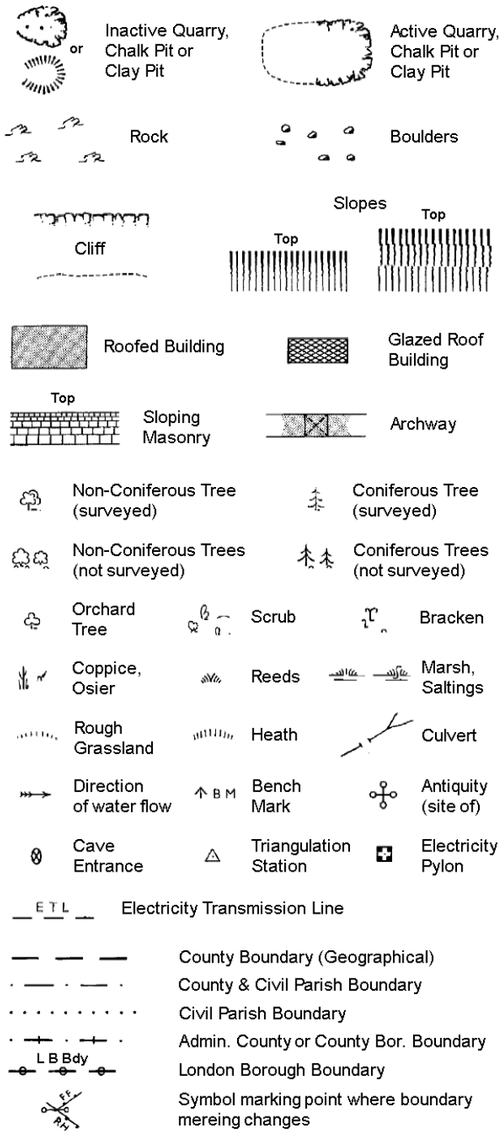
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	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

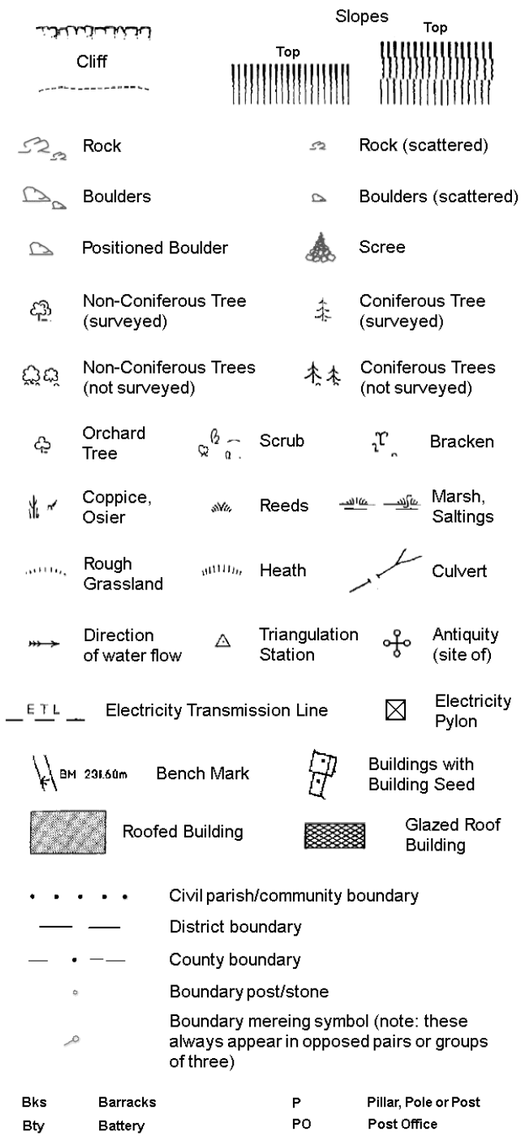
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy 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
El 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



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)

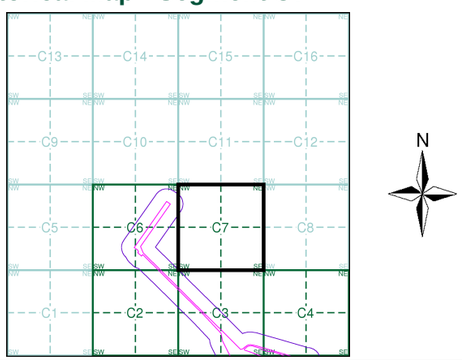
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El 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 Governer	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

rps

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Ayrshire	1:2,500	1856 - 1892	2
Argyllshire	1:2,500	1893	3
Argyllshire	1:2,500	1896	4
Ayrshire	1:2,500	1897	5
Ayrshire	1:2,500	1910	6
Ordnance Survey Plan	1:2,500	1966 - 1981	7
Additional SIMs	1:2,500	1979 - 1988	8
Ordnance Survey Plan	1:2,500	1985	9
Additional SIMs	1:2,500	1989 - 1992	10
Large-Scale National Grid Data	1:2,500	1994 - 1995	11

Historical Map - Segment C7



Order Details

Order Number: 287571652_1_1
Customer Ref: JER9266
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Site Area (Ha): 54.89
Search Buffer (m): 100

Site Details

Site at 219948,653824

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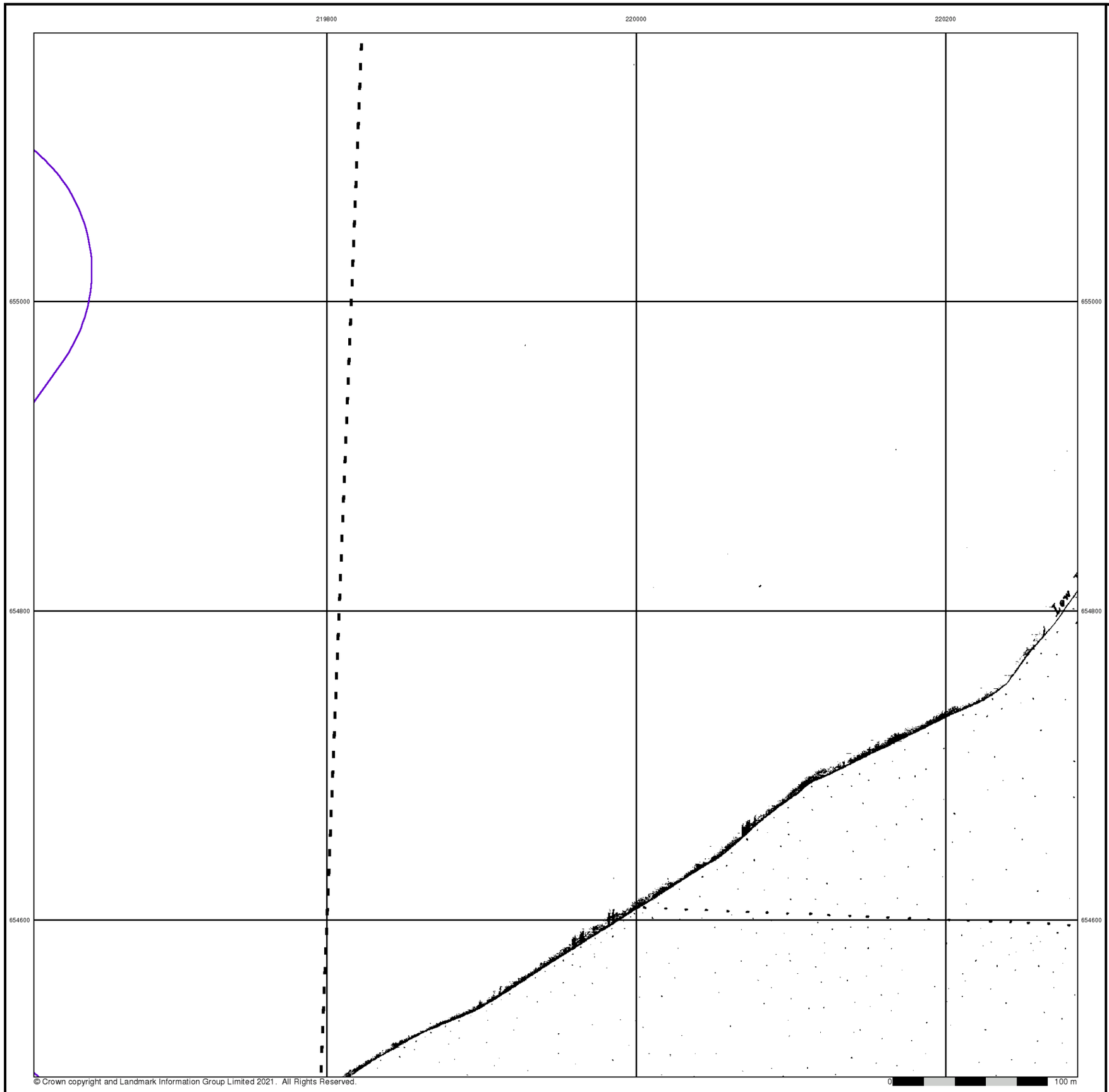


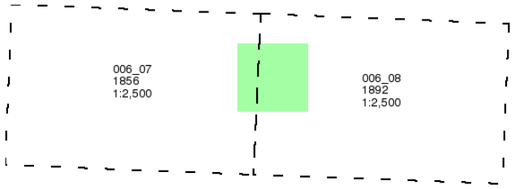
Ayrshire

Published 1856 - 1892

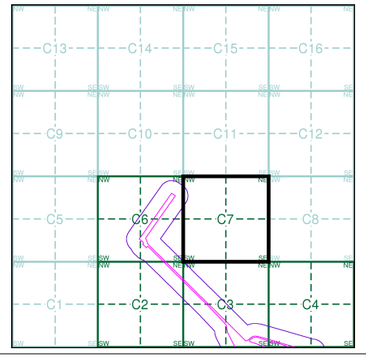
Source map scale - 1:2,500

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 C7



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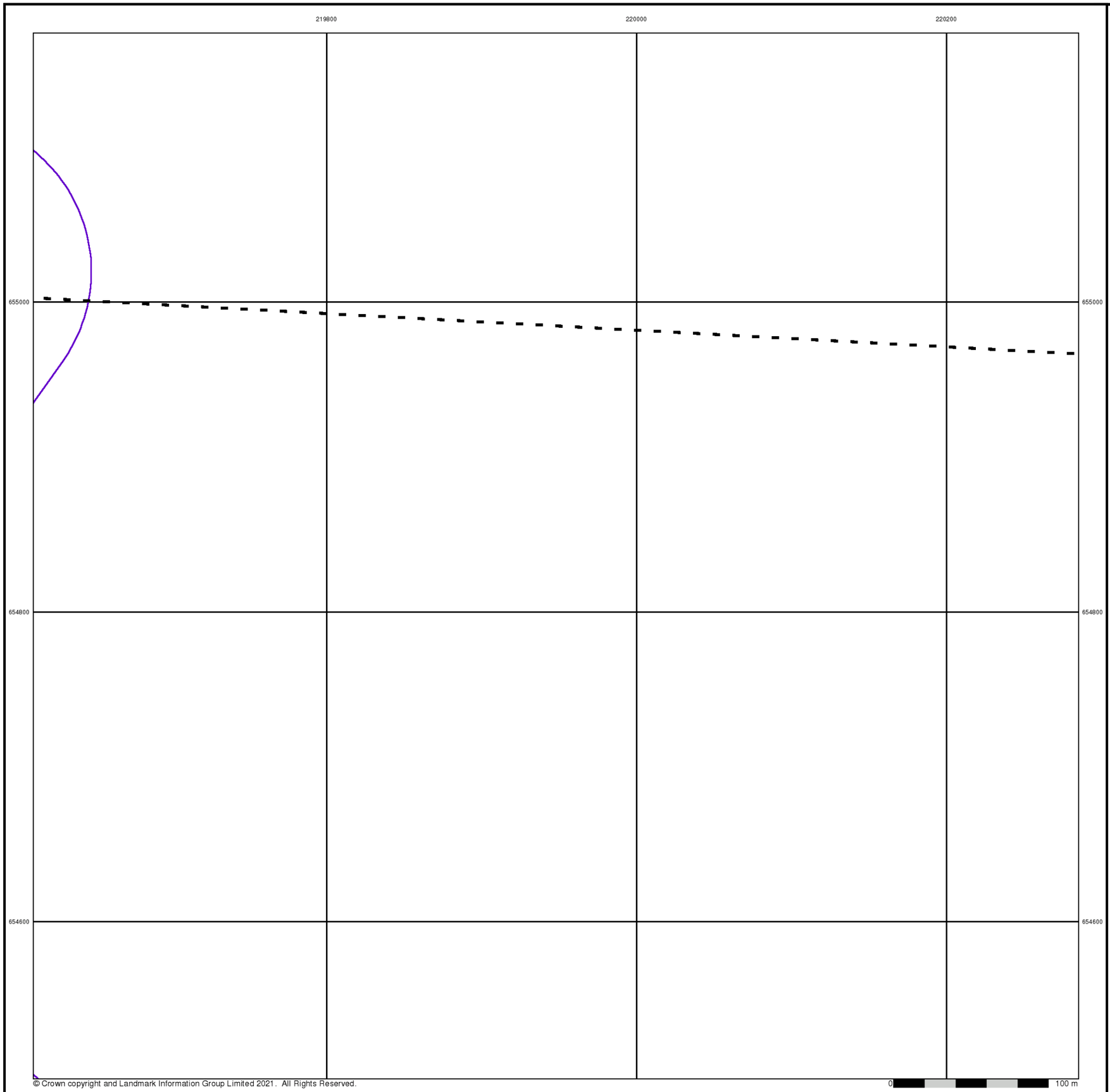

Argyllshire

Published 1893

Source map scale - 1:2,500

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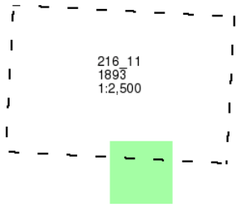
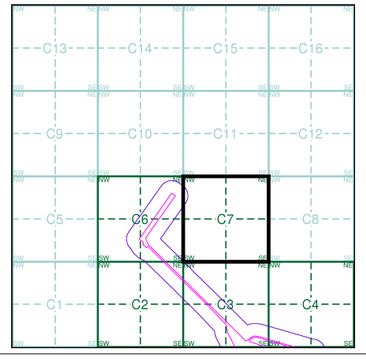


Historical Map - Segment C7



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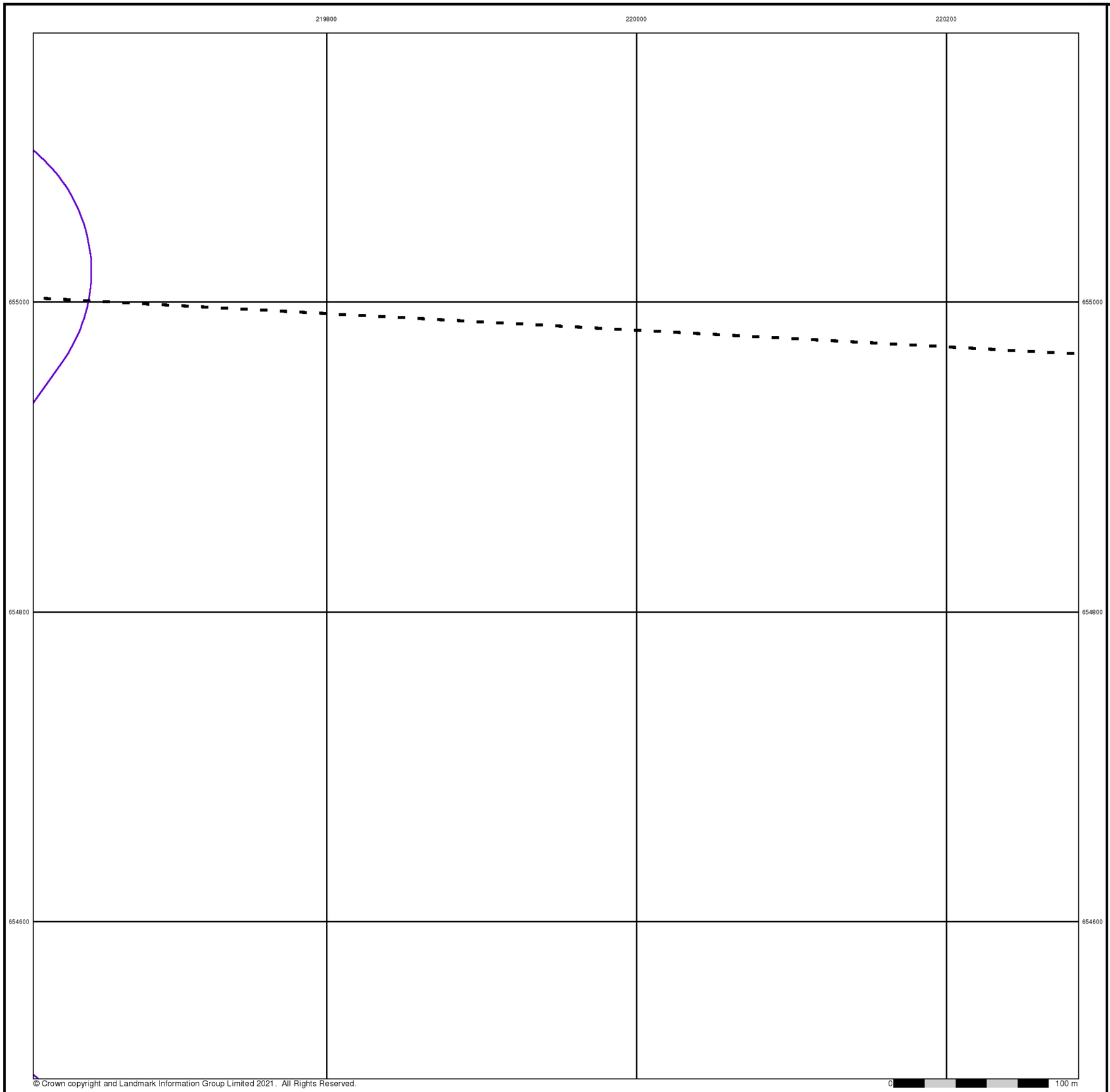

Argyllshire

Published 1896

Source map scale - 1:2,500

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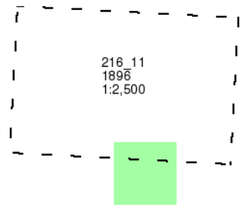
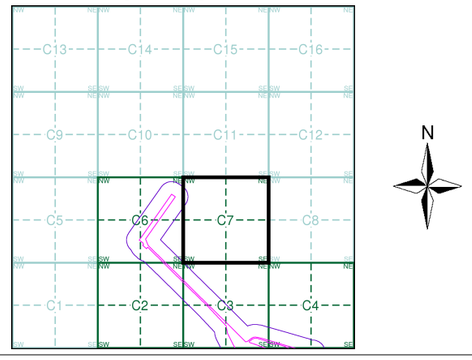


Historical Map - Segment C7



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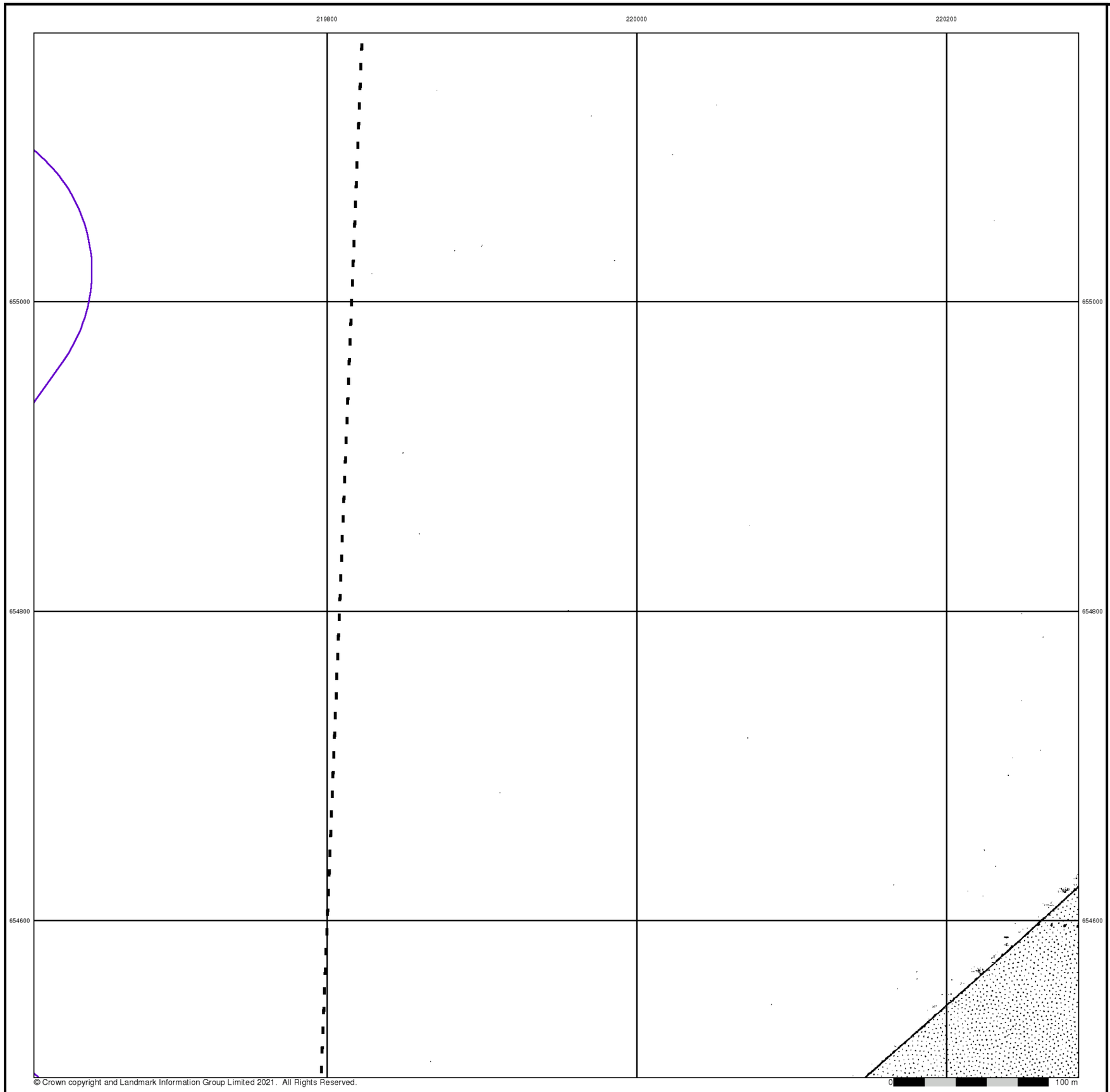

Ayrshire

Published 1897

Source map scale - 1:2,500

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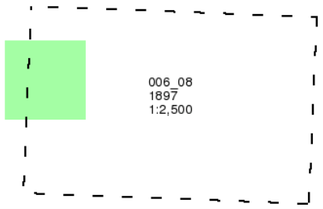
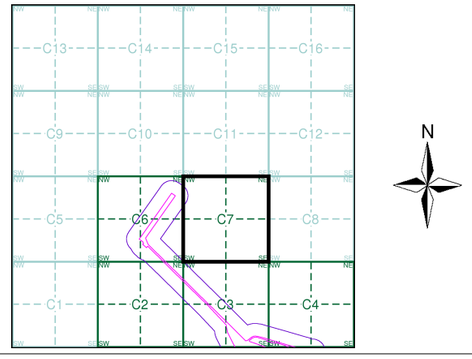


Historical Map - Segment C7



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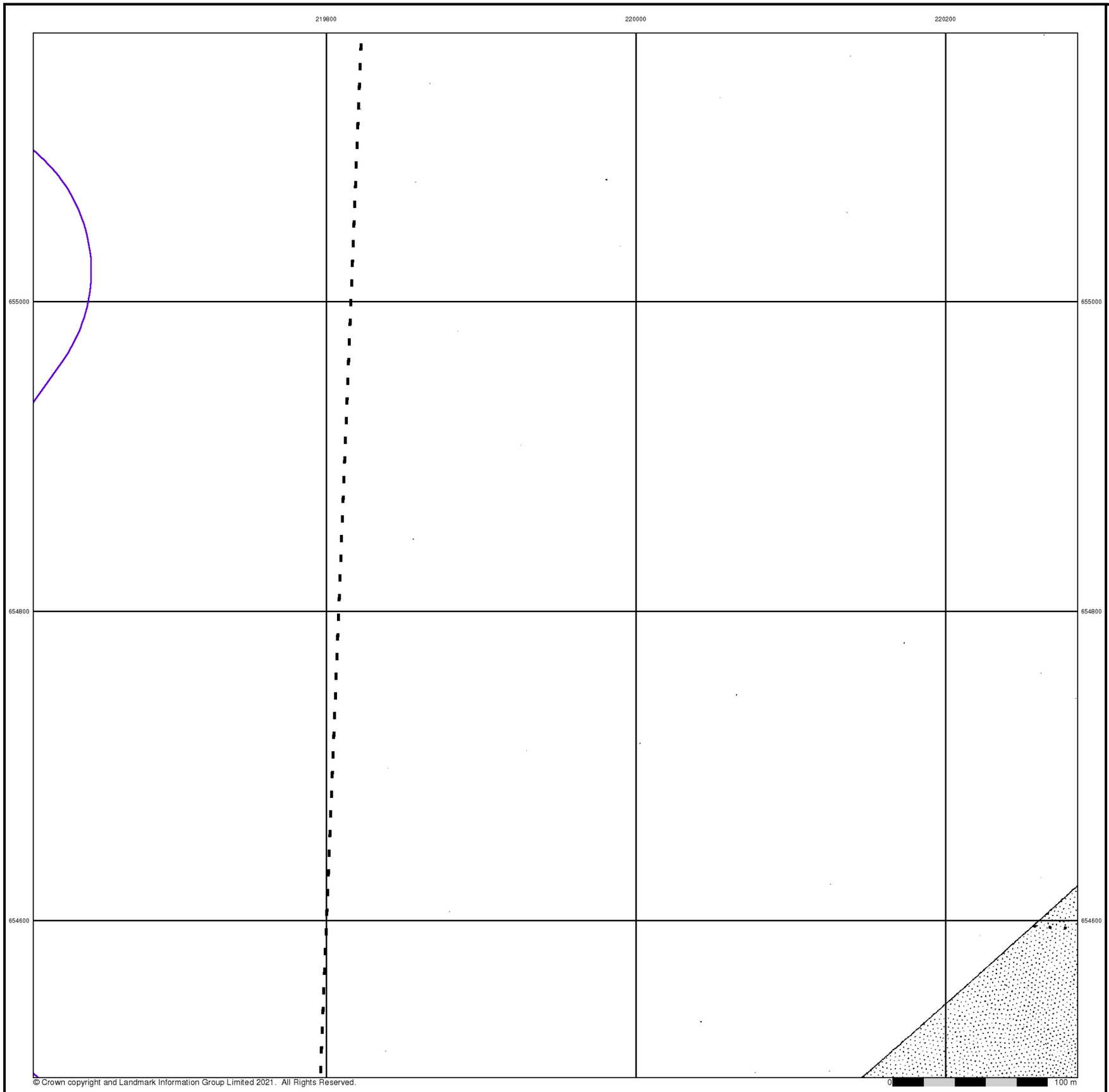

Ayrshire

Published 1910

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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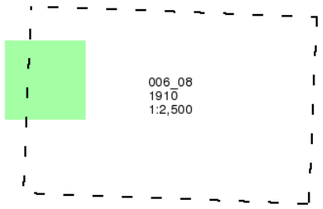
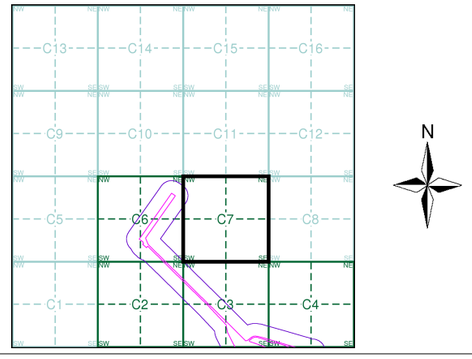


Historical Map - Segment C7



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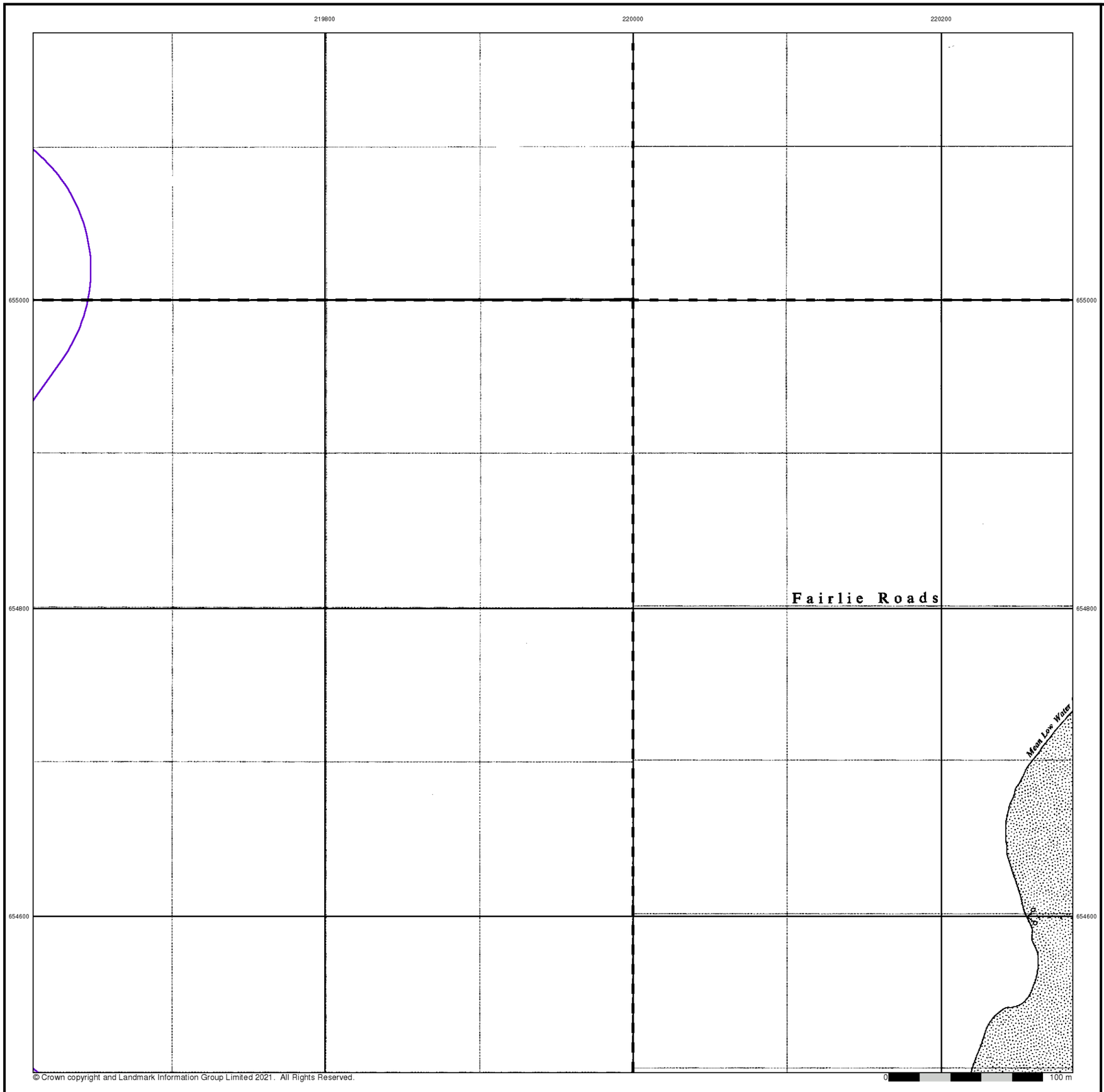

Ordnance Survey Plan

Published 1966 - 1981

Source map scale - 1:2,500

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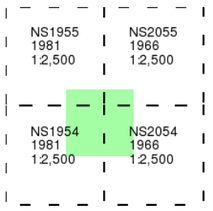
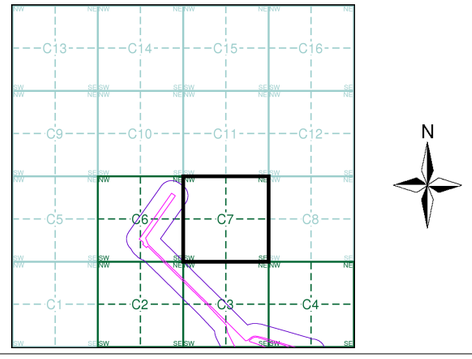


Historical Map - Segment C7



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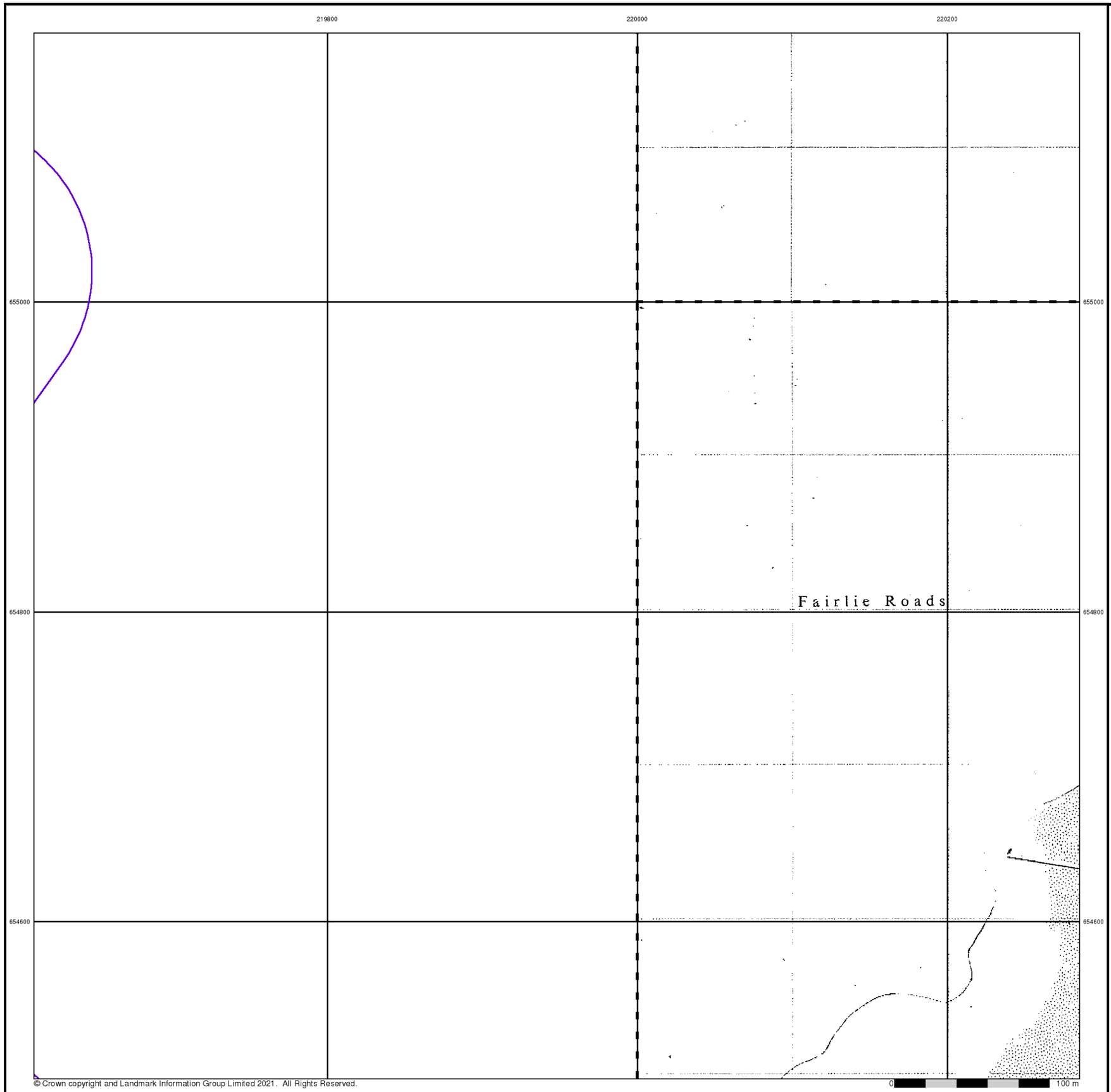


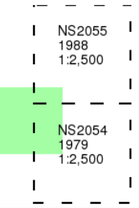
Additional SIMs

Published 1979 - 1988

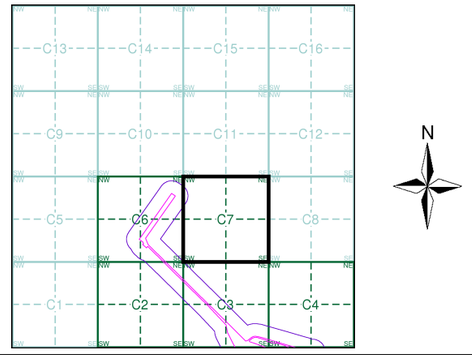
Source map scale - 1:2,500

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 C7



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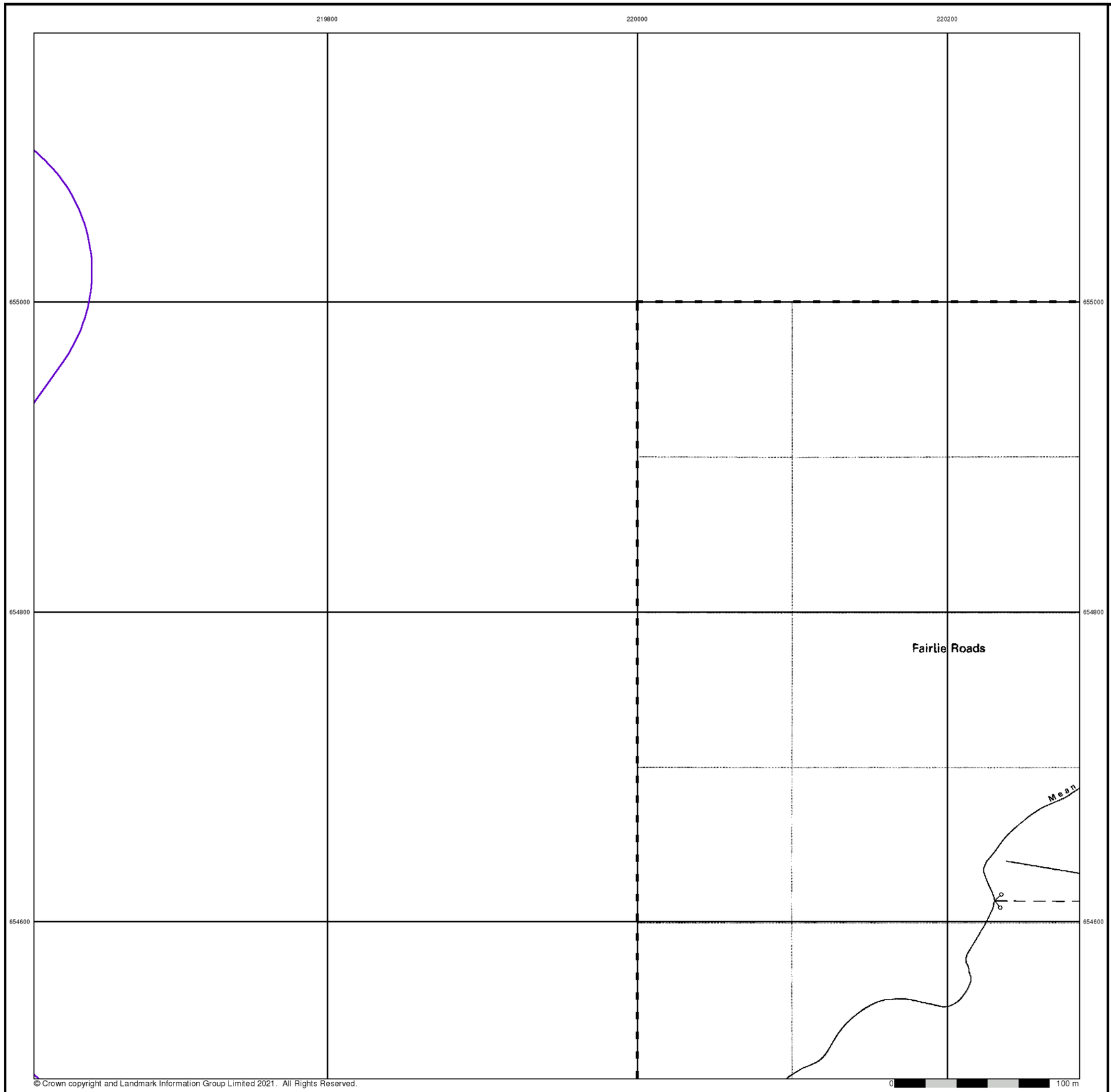


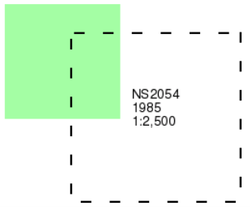
Ordnance Survey Plan

Published 1985

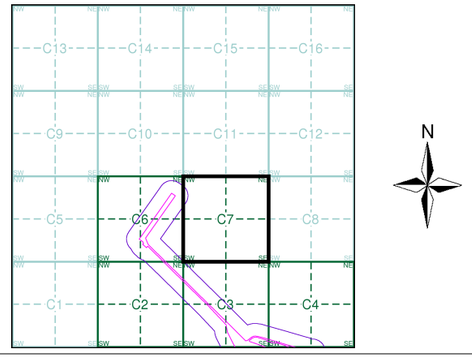
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment C7



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	100

Site Details

Site at 219948,653824

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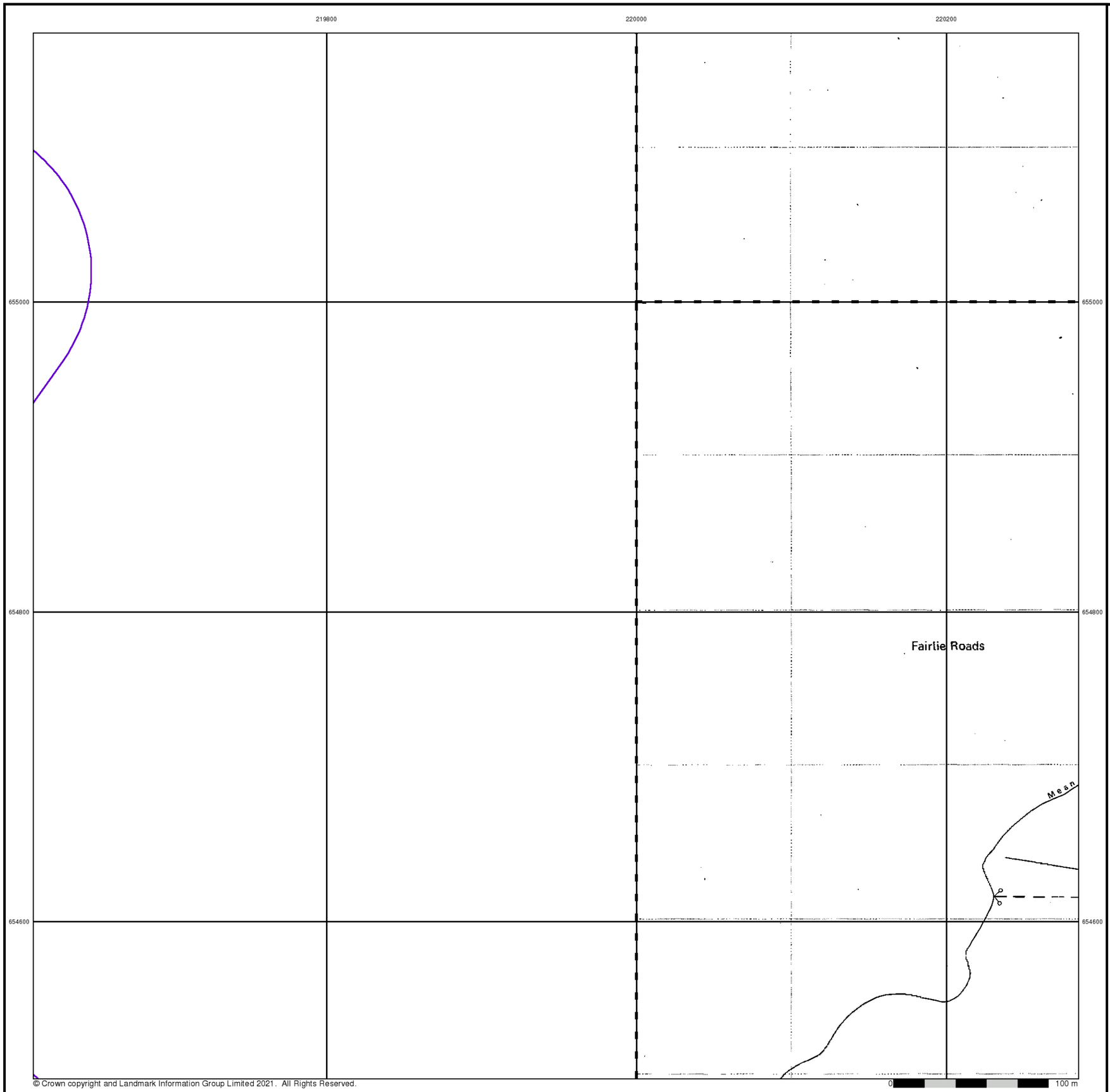
Web: www.envirocheck.co.uk



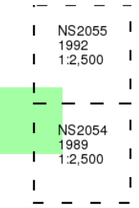
Additional SIMs

Published 1989 - 1992

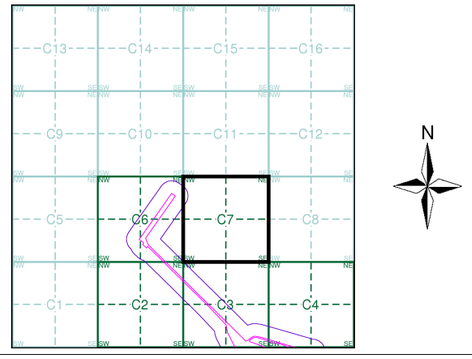
Source map scale - 1:2,500

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 C7



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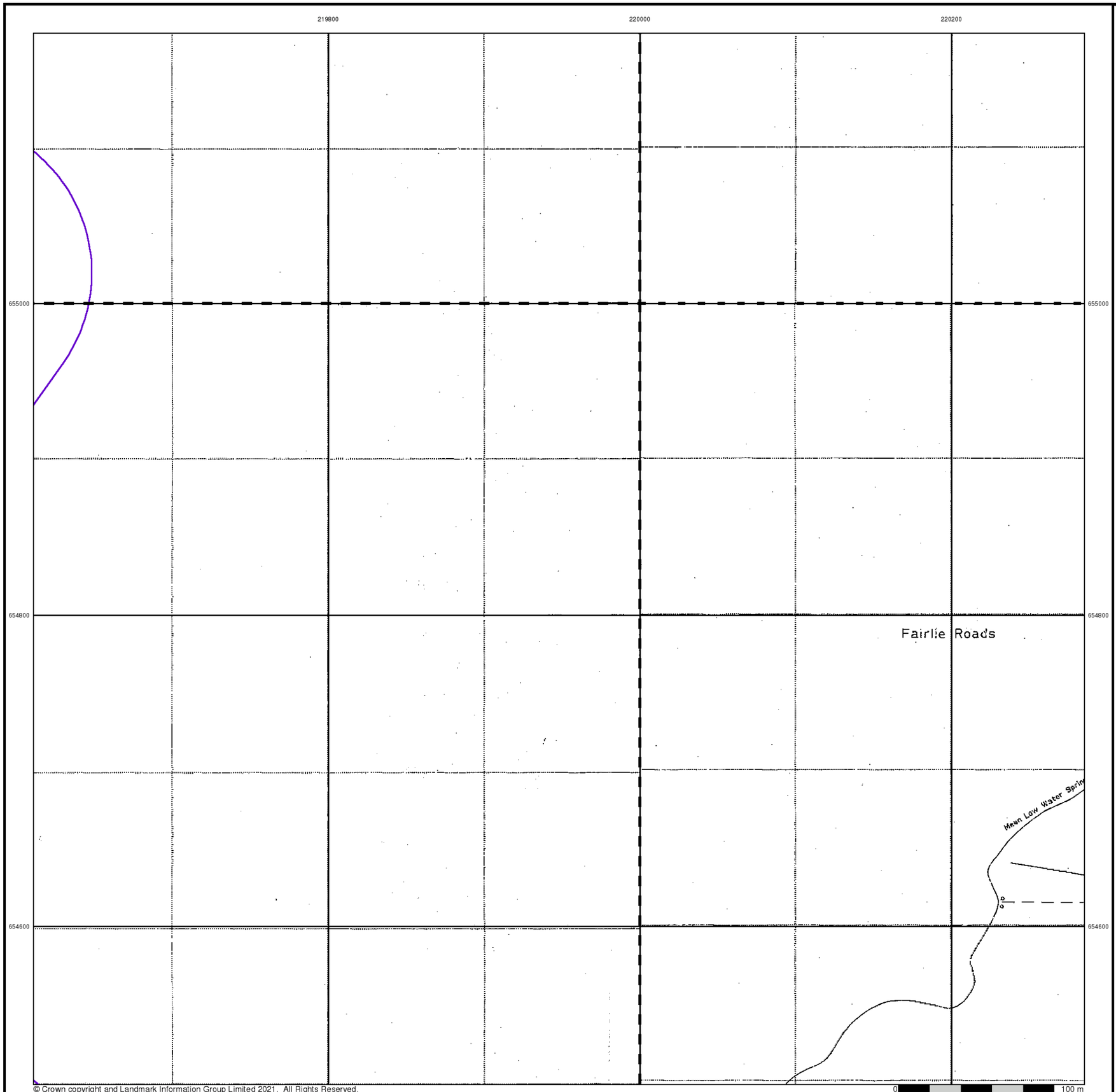


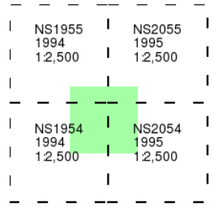
Large-Scale National Grid Data

Published 1994 - 1995

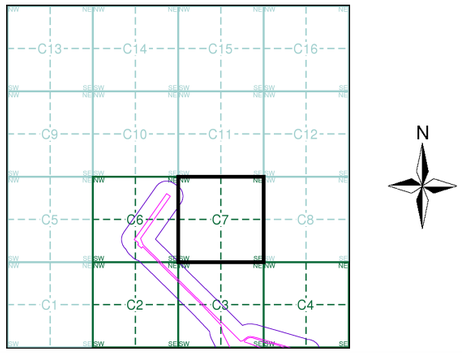
Source map scale - 1:2,500

'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 C7



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National Grid Reference:	219580, 654790
Slice:	C
Site Area (Ha):	54.89
Search Buffer (m):	100

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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
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
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
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. 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
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Pylon
Electricity Transmission Line
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
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

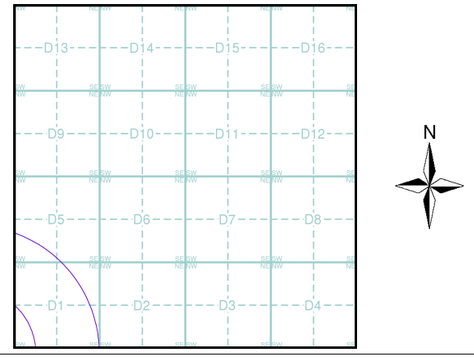
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Mud
Sand
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or 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)
BM 123.45 m 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

rps

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Ayrshire	1:10,560	1857 - 1858	2
Argyllshire	1:10,560	1869	3
Argyllshire	1:10,560	1897	4
Ayrshire	1:10,560	1897	5
Ayrshire	1:10,560	1911 - 1912	6
Argyllshire	1:10,560	1938	7
Ordnance Survey Plan	1:10,000	1958	8
Ordnance Survey Plan	1:10,000	1964	9
Ordnance Survey Plan	1:10,000	1980	10
10K Raster Mapping	1:10,000	2001	11
Street View	Variable		12

Historical Map - Slice D



Order Details

Order Number: 287571652_1_1
Customer Ref: JER9266
National Grid Reference: 221240, 654190
Slice: D
Site Area (Ha): 54.89
Search Buffer (m): 1000

Site Details

Site at 219948,653824

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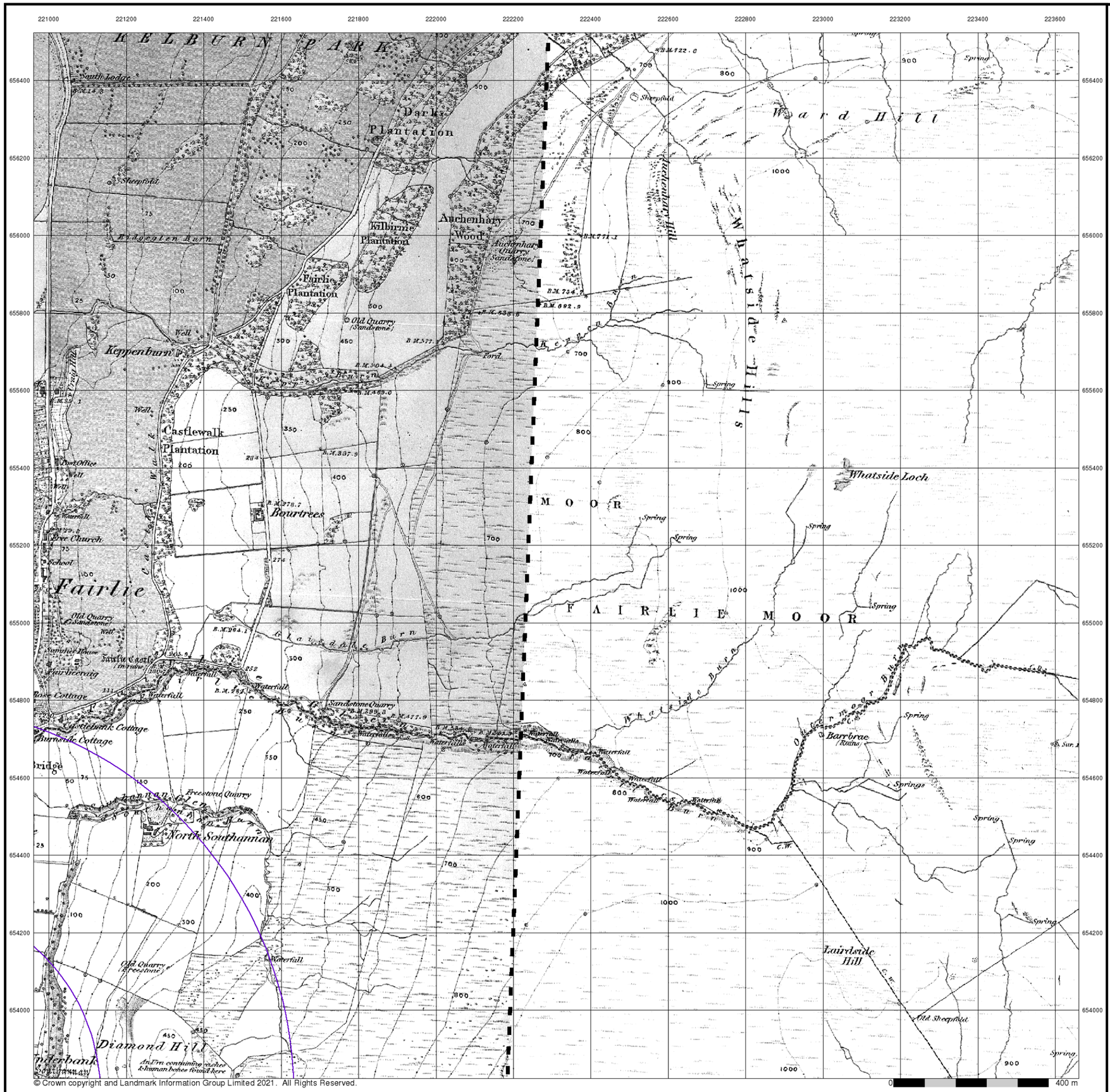

Ayrshire

Published 1857 - 1858

Source map scale - 1:10,560

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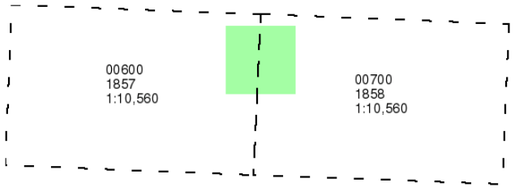
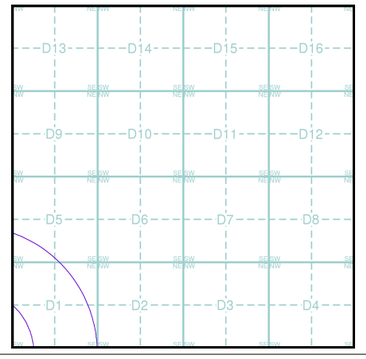
Map Name(s) and Date(s)



Historical Map - Slice D



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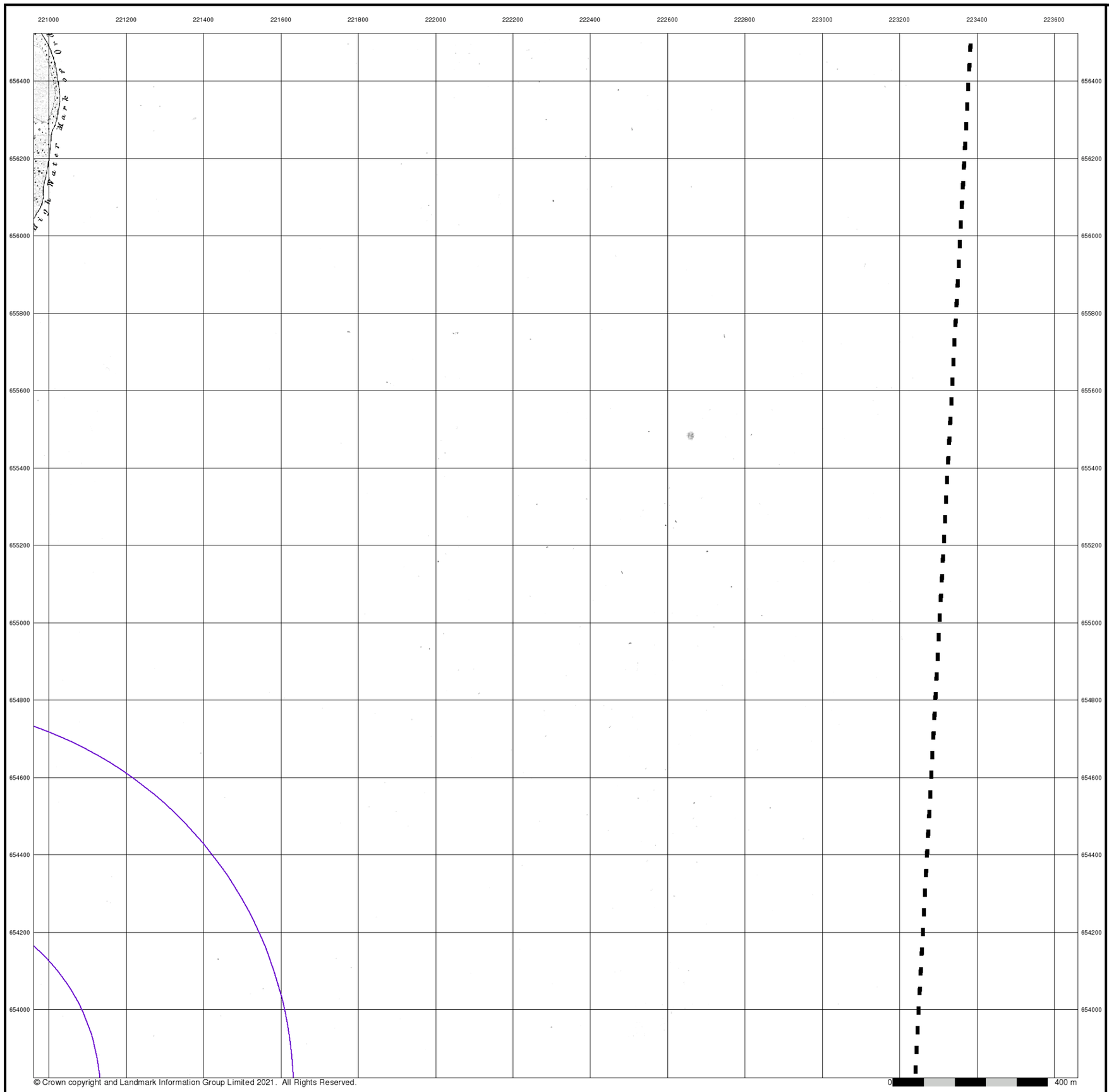

Argyllshire

Published 1869

Source map scale - 1:10,560

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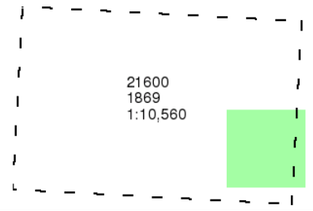
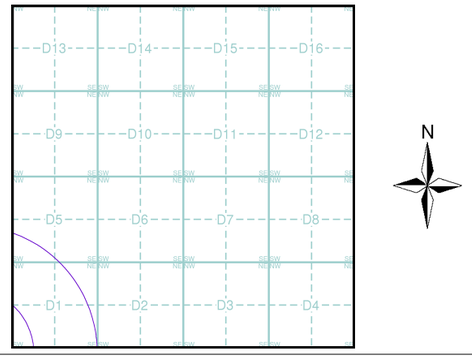


Historical Map - Slice D



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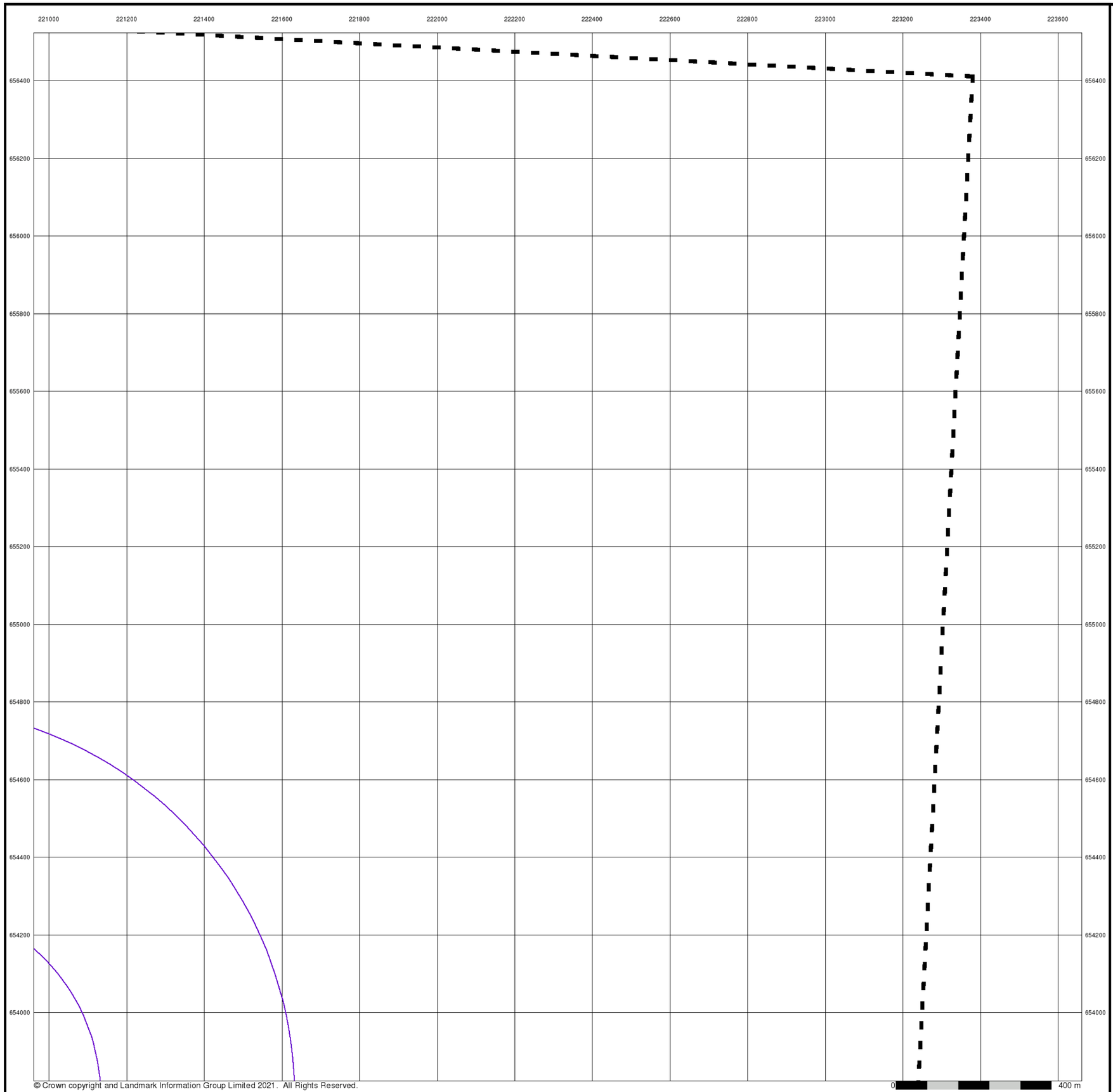

Argyllshire

Published 1897

Source map scale - 1:10,560

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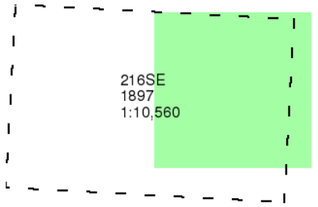
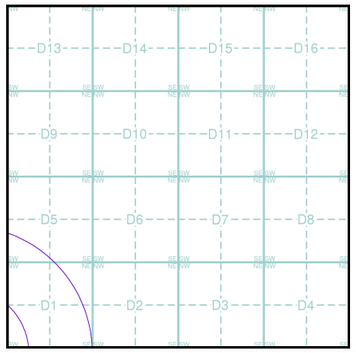
Map Name(s) and Date(s)



Historical Map - Slice D



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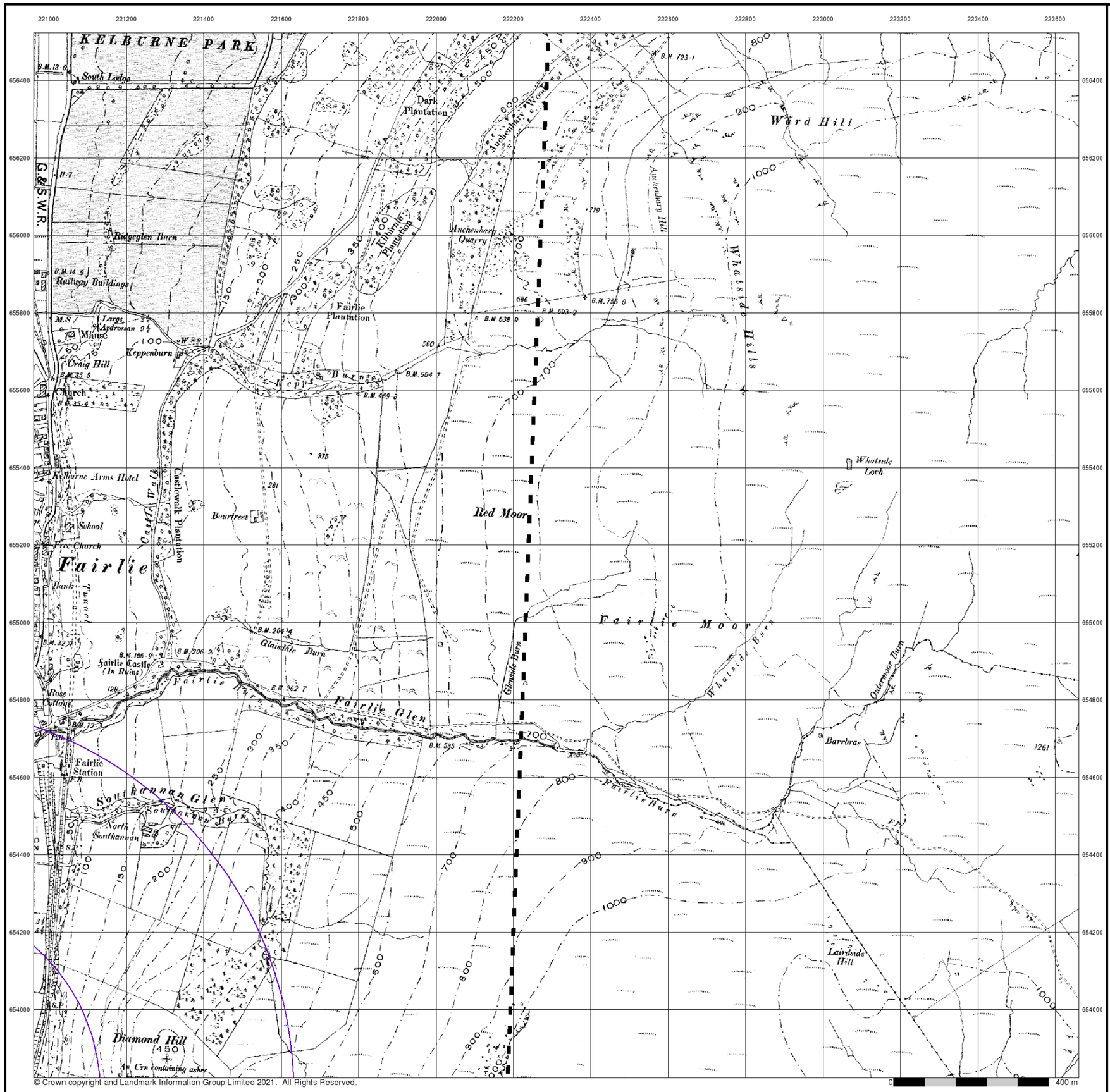

Ayrshire

Published 1897

Source map scale - 1:10,560

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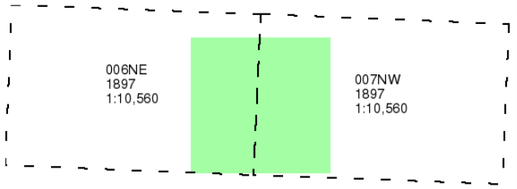
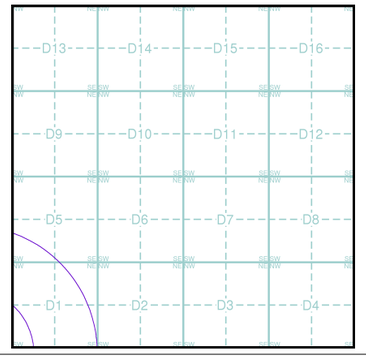


Historical Map - Slice D



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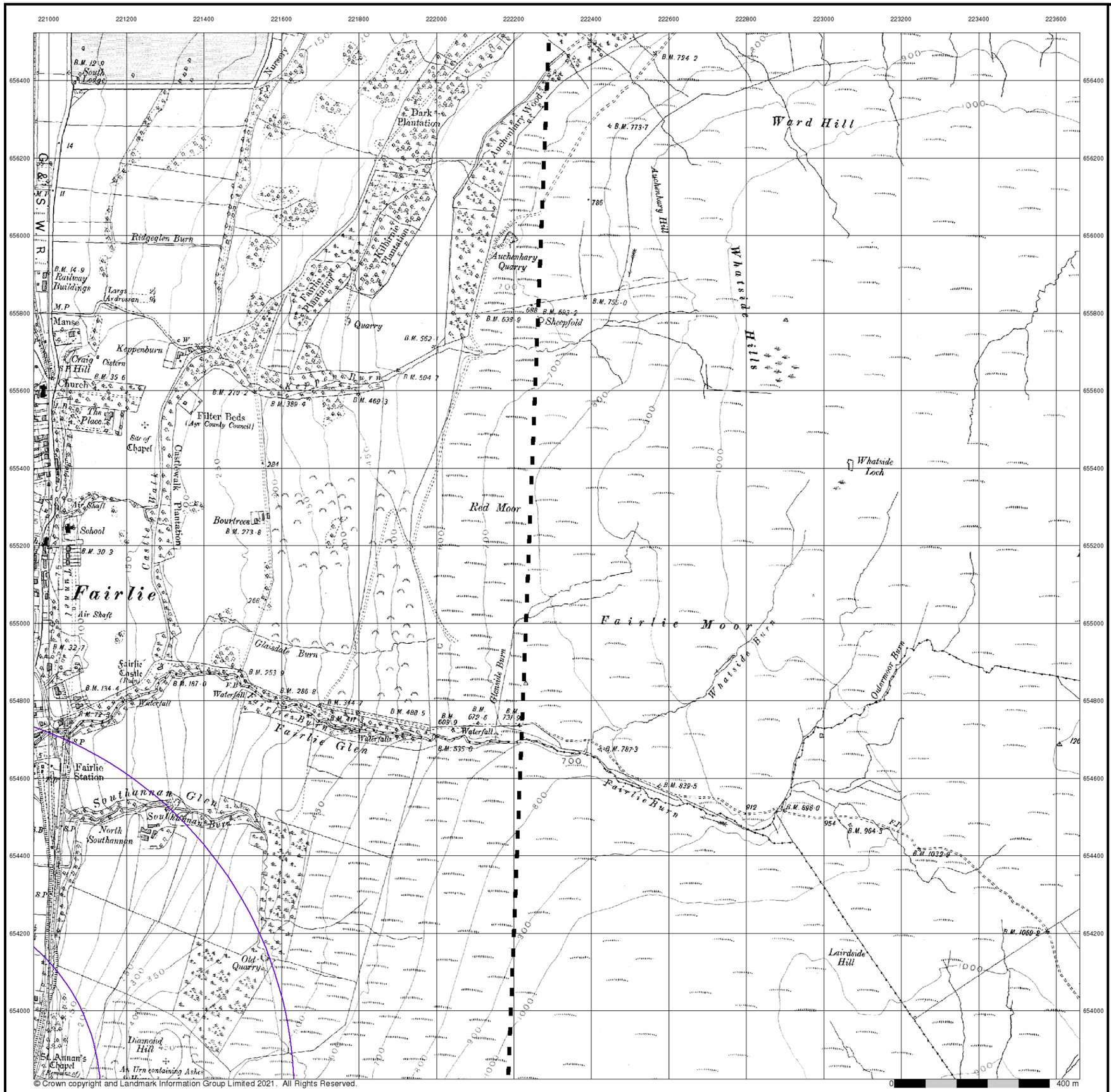

Ayrshire

Published 1911 - 1912

Source map scale - 1:10,560

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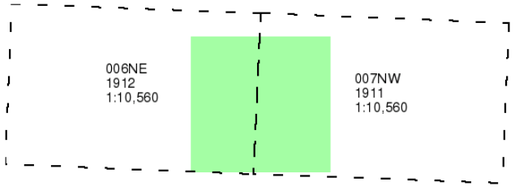
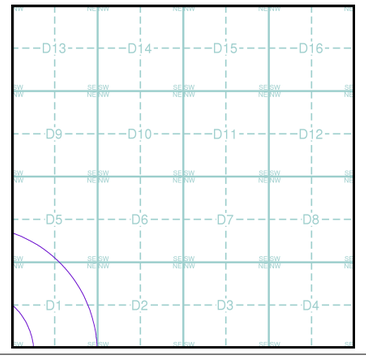
Map Name(s) and Date(s)



Historical Map - Slice D



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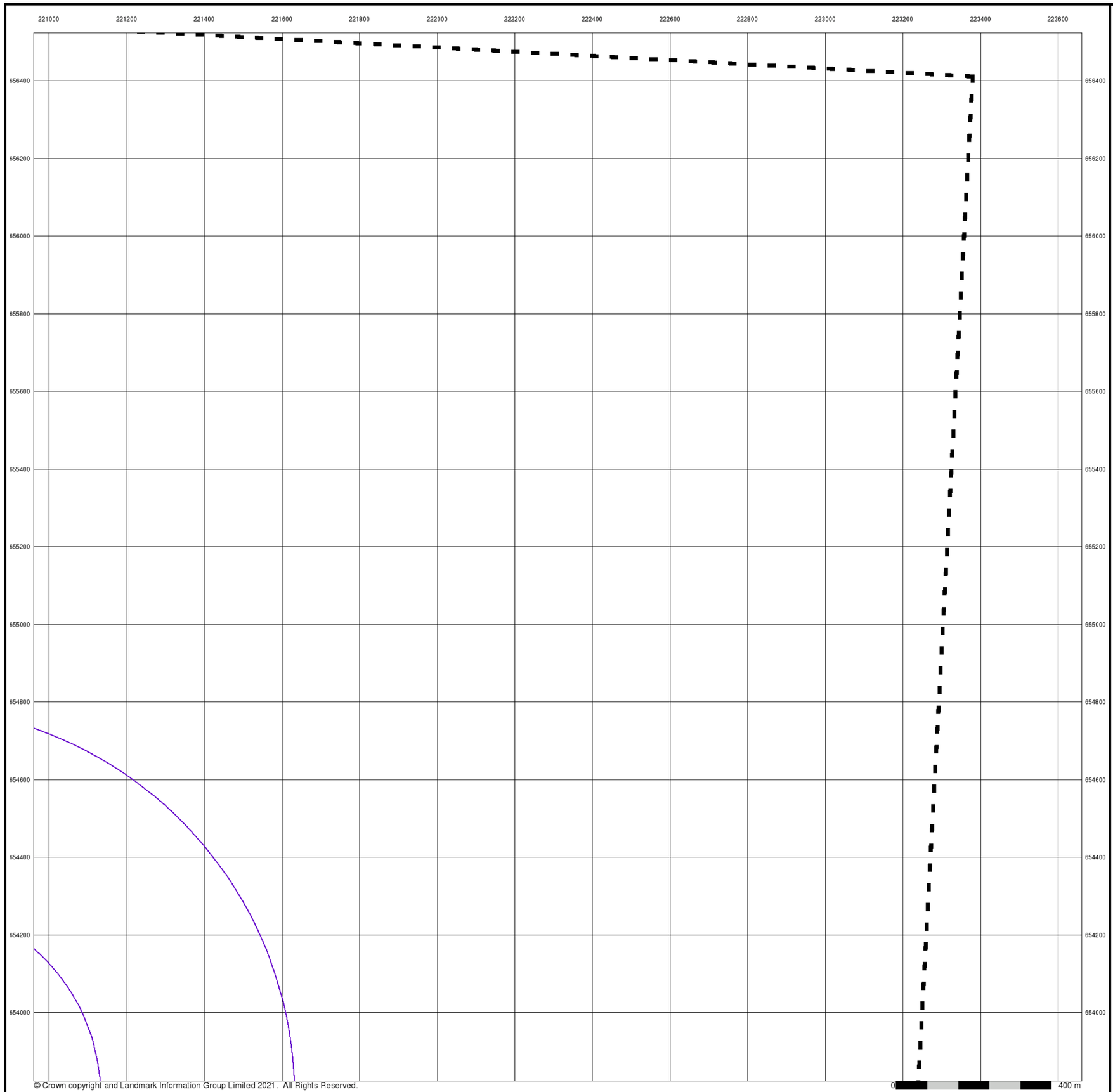

Argyllshire

Published 1938

Source map scale - 1:10,560

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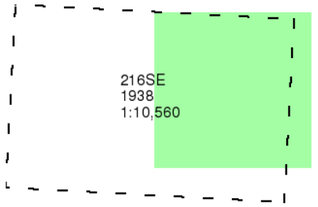
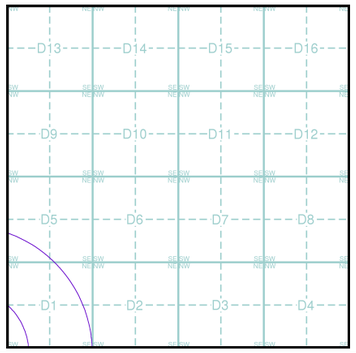
Map Name(s) and Date(s)



Historical Map - Slice D



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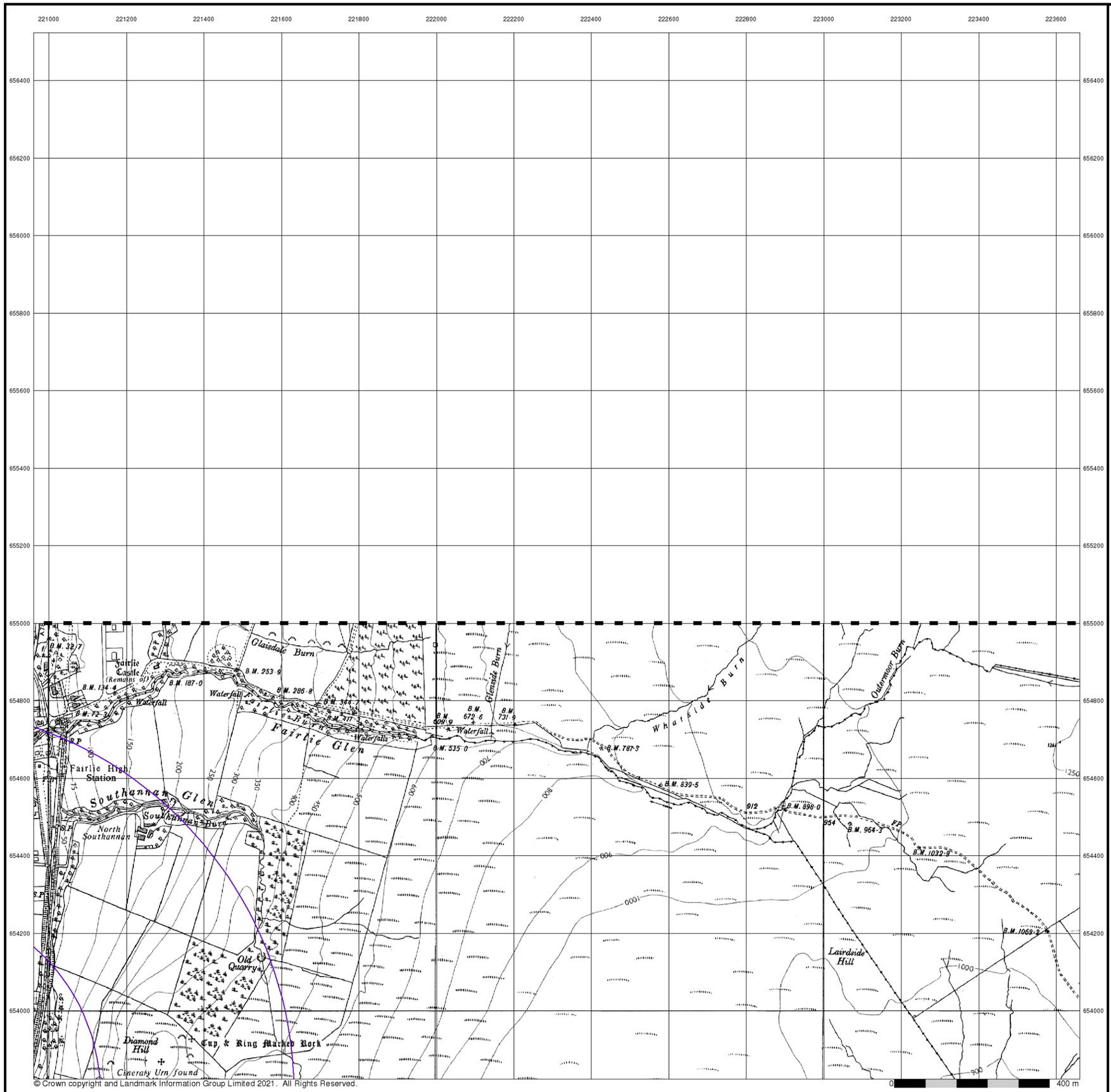


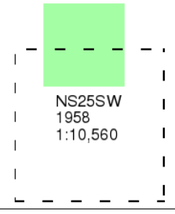
Ordnance Survey Plan

Published 1958

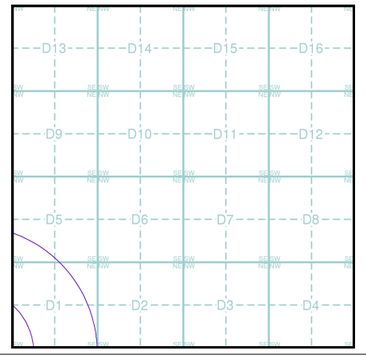
Source map scale - 1:10,000

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 D



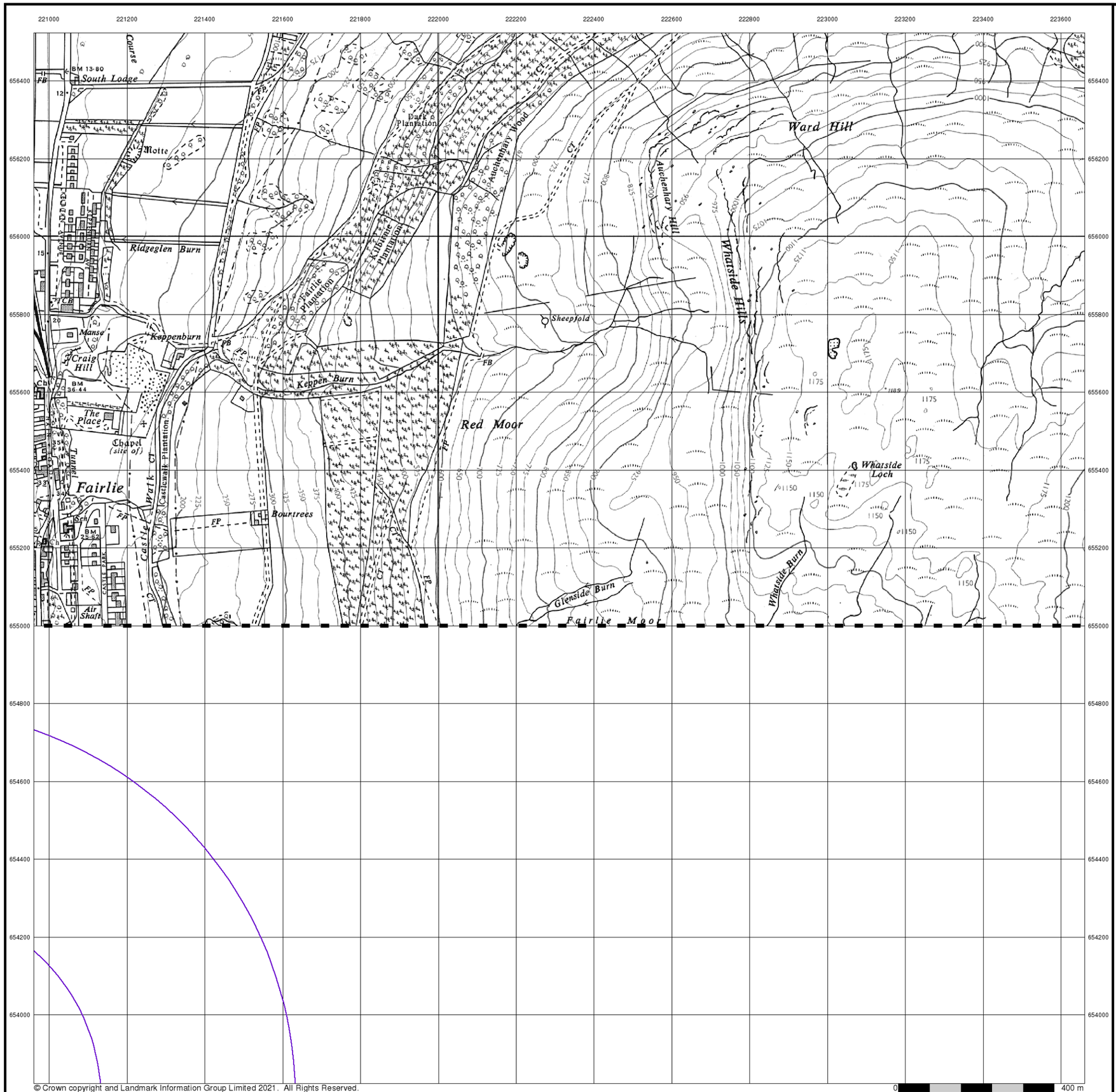
Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221240, 654190
Slice:	D
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

Site at 219948,653824

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



Ordnance Survey Plan

Published 1964

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.

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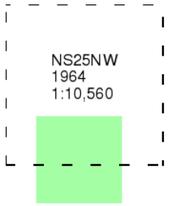
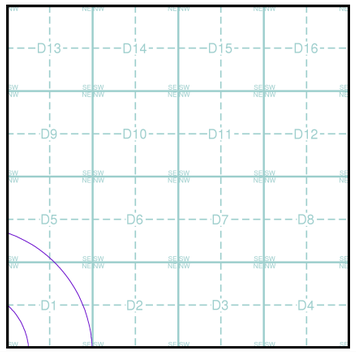


Historical Map - Slice D



Order Details

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Customer Ref:	JER9266
National Grid Reference:	221240, 654190
Slice:	D
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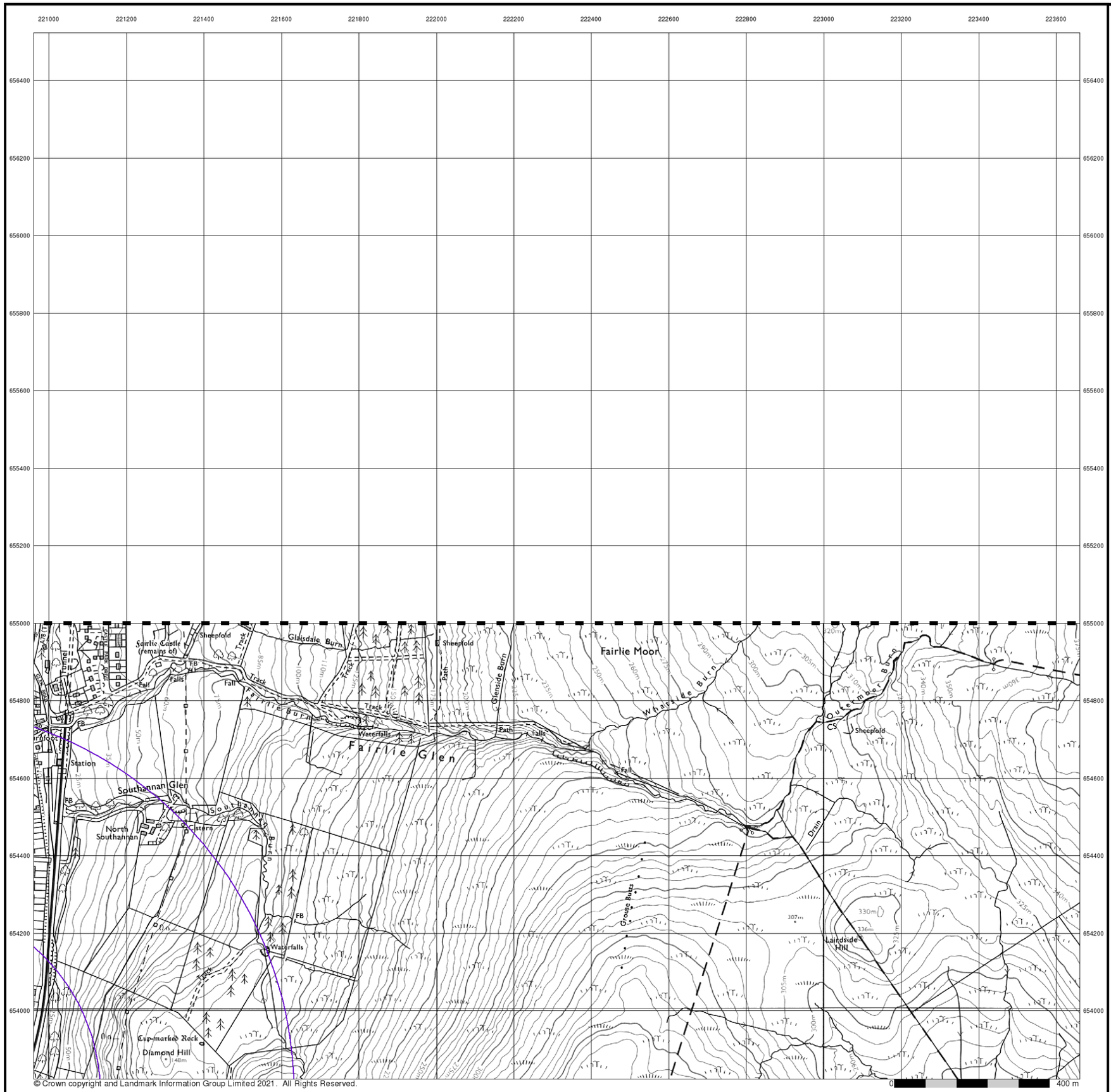


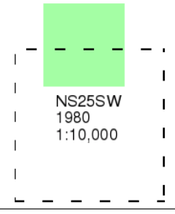
Ordnance Survey Plan

Published 1980

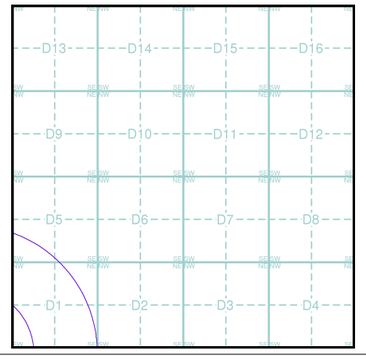
Source map scale - 1:10,000

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 D



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221240, 654190
Slice:	D
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

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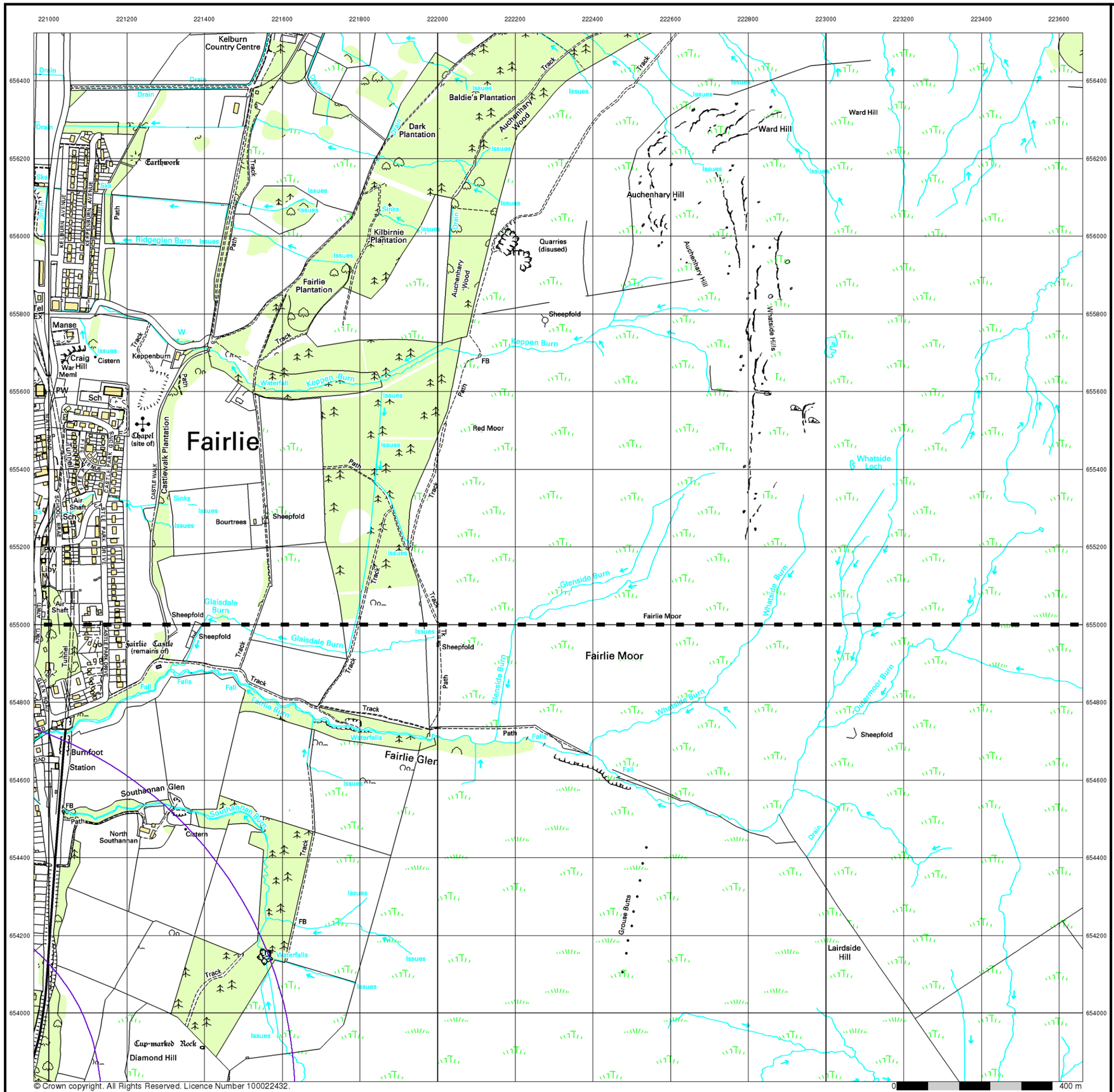


10k Raster Mapping

Published 2001

Source map scale - 1:10,000

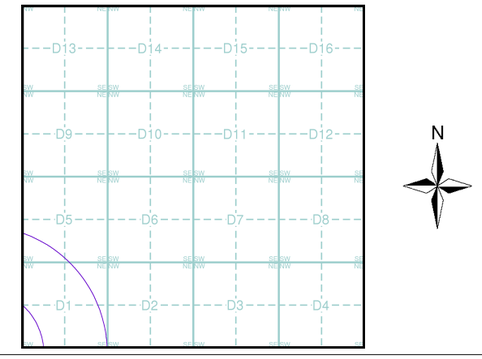
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks 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)

NS25NW
2001
1:10,000

NS25SW
2001
1:10,000

Historical Map - Slice D



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221240, 654190
Slice:	D
Site Area (Ha):	54.89
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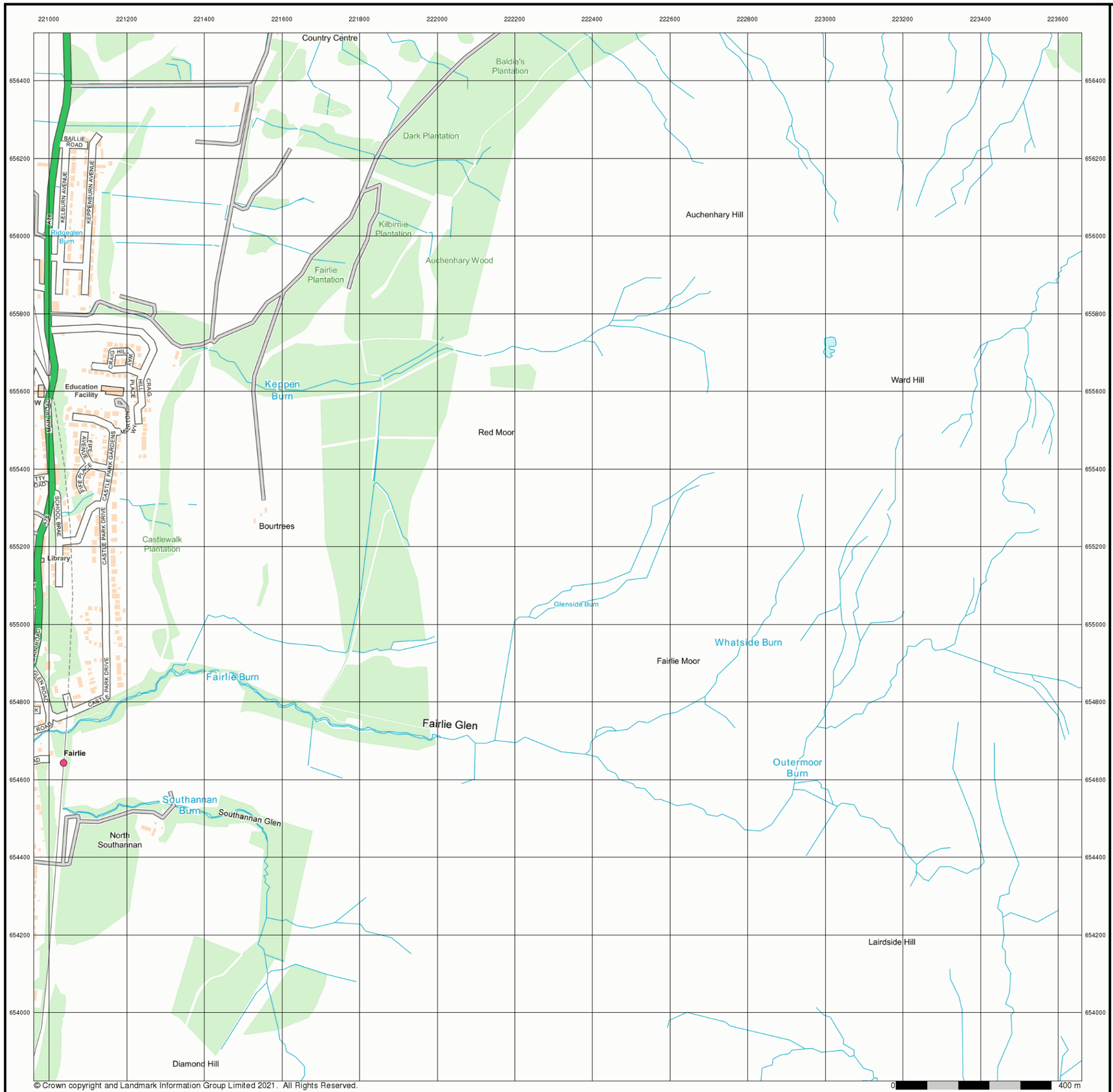


Street View

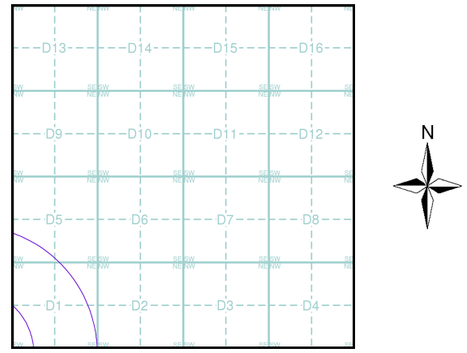
Published 2021

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

Street View Map - Slice D



Order Details

Order Number:	287571652_1_1
Customer Ref:	JER9266
National Grid Reference:	221240, 654190
Slice:	D
Site Area (Ha):	54.89
Search Buffer (m):	1000

Site Details

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Annex E
Site Reconnaissance Notes

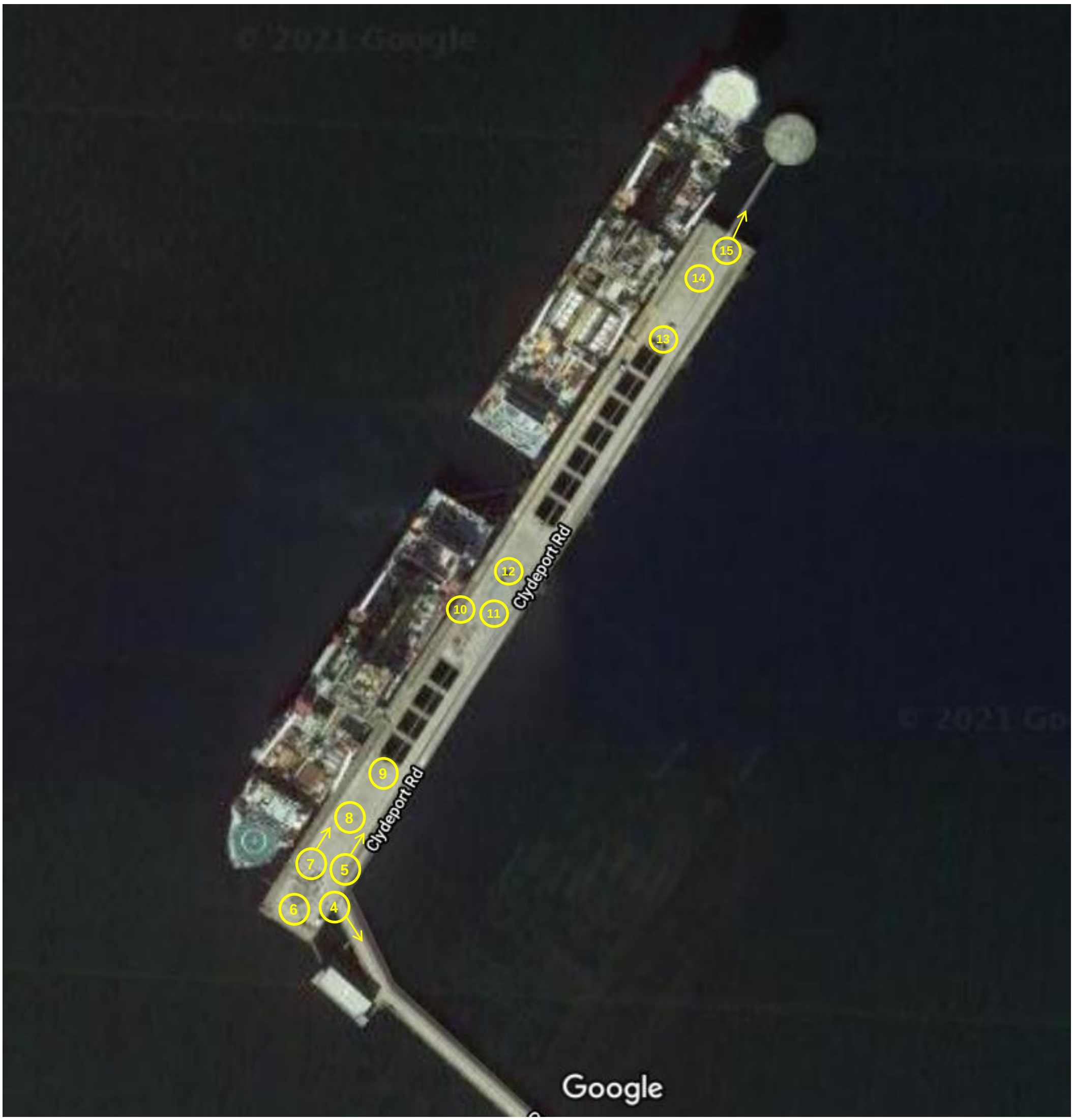
JER9266 Hunterston – Site Walkover Notes

Site Walkover Notes	
Site Reference, Grid Reference, Name and Address	JER9266 Hunterston
Site Walkover Date	16 November 2021
Walkover Completed by	Eric Dede
Weather Conditions	Dry and windy (morning hours). Wet/rainy and windy (afternoon hours).
Current Site Use	Pier – still in use. The site is predominantly redundant. The site was used as a coal yard/storage to supply coal to local power stations. At the time of site visit, the remaining heaps of coal were being cleared. More site info is captured on site photos.
Site Boundaries	East – Wire fence / vegetation, with the A78 road beyond. South – Un-developed land West – redundant railway line North – Clydeport Road / Firth of Clyde water
Site Topography	Generally, the site is flat lying, with localised ground depressions / mounds. The former rail tracks in the central and southern parts of the main site are generally raised compared to their surroundings. Heaps of coal are also present, especially in the south-western and southern parts of the site.
Site Access Point	Site is accessed via a gate at Port Road (off Southannan Roundabout, A78 road).
Restrictions to Phase 2 Intrusive Investigations	The site has good access; no restrictions to Phase 2 drilling works is anticipated.
Overhead wires/cables	None identified
Remnant Structures e.g., foundations, slabs	A strip of concrete slab (former conveyor area) was noted in the northern part of the site, running parallel to the access road marking the northern boundary of the main site.
Potentially contaminative material on site e.g. fly tipped materials	Waste identified on site.
Materials storage e.g. drums, waste.	Drums / IBC tanks noted in various parts of the site.
Spillages e.g. discolouration of soil, fuel, spills, etc.	Yes. Localised spillage identified in the Yard area (extreme south of the site).
Transformers / Substations	Substation in the eastern part of the site Transformers in the Yard area (extreme south of the site) and adjacent to the existing building immediately north of the main site (between the access road and the main site).
Sumps, pits	2 water sumps are in the north-eastern part of the site.
For ease of reference, key items are annotated on the attached site plan.	

Item No.	Description
1	Clydeport Road, heading to the pier.
2	Clydeport Road, heading from the pier.
3	Redundant railway line crossing Clydeport Road.
4	Clydeport Road, heading from the pier.
5	Rail track on the pier.
6	Waste storage bins, wooden pallets, metal and concrete bars on the pier.
7	Pier.
8	Materials / waste on the pier.
9	Waste bins and wooden pallets.
10	Rail track on the pier.
11	Pack of wooden pallets on the pier
12	IBC containers on the pier. Indicated by labels to contain lubricant.
13	Showing storage drums, IBC container, wooden pallets, and other waste materials on the pier. Paint containers on top of the IBC.
14	Showing materials / waste placed on the pier (at the northern end of the pier), fabric and carboard in the white sack, construction debris (concrete) in the white sack.
15	End of the pier.
16	North-western part of the site.
17	Ground depression in the north-western part of the site, with a black geotextile at the base of the depression
18	Grassed / vegetated area in the north-western part of the site
19	Suspected pump house adjacent to the northern boundary of the study site off site.
20	Transformers (sub-station) located adjacent to the northern boundary of the study site off site.
21	Land behind the sub-station off site.
22	Existing building behind the substation off site.
23	Vegetated hard core surface cover.
24	2 large re-enforced concrete blocks.
25	Strip of concrete slabs (former conveyor area) off site.
26, 27	Oil drums (labels indicated contains antifreeze) and gas cylinders off site.
28	Access road in the western part of the site.
29	Ponded water on tarmac/concrete.
30	Vegetated hard core surface cover.
31	Storage area (and items/waste) in the north-western part of the site – off site.
32	Shipping container and a pile of concrete blocks (removed rail track footings), and metal rods, timber, and gas cylinders off site.

Item No.	Description
33	Storage area off site.
34	Access road in the western part of the site.
35	Coal heaps and construction debris.
36	Coal heaps.
37	Vegetated hard core surface cover and ponded water.
38	Raised ground where rail tracks were laid.
39	concrete blocks where rail track was laid.
40	Raised ground where rail tracks were laid.
41	Removal of rail tracks.
42	Raised ground where rail tracks were laid.
43	Former rail track.
44	Former rail track.
45	Access road in the eastern part of the site.
46	Strip of concrete slabs (former conveyor area).
47	Skip located in the south-eastern part of the site.
48	IBC located in the south-eastern part of the site.
49	Redundant installation located in the south-eastern part of the site
50	Bridge in the south-eastern part of the site.
51	Bridge spoil embankment and sheet pile.
52	Concrete blocks, plastic product waste, wooden cable reels in yard area.
53	Vegetated cover and ponded water.
54	Wooden cable reels in the yard area.
55	Timber pallets and woodchip in the yard area.
56	Existing brick and metal clad building.
57	Concrete blocks.
58	Plastic products and timber waste in the yard area
59	Wooden pallets, plastic, scrap metal waste in yard area.
60	Fuel/oil tank in the yard area. Evidence of oil leak observed (i.e., dark staining on the ground around the tank and the visible oil sheen. Hydrocarbon odour was also noted).
61	Coal spoil, cable and timber/plastic/metal waste in the yard area
62	Disused van. Metal clad building.
63	Scrap metal and plastic waste materials
64	Shipping containers.

Item No.	Description
65	Oil drum (unlabelled, contents unknown).
66	Transformers (sub-station).
67	Scrap metal and spoil.
68	Vegetation and hard core cover.
69	Concrete rail sleepers.
70	Tarmac road / bridge.
71	On-going coal clearance coal heaps.
72	Well vegetated area.
73	Redundant railway line along the western boundary of the site.
74	Coal heaps between the access road and the redundant railway line.
75	Strip of concrete slab on northern boundary off site.
76	Pile of concrete sleepers (removed rail track footings).
77	Bridge in the former conveyor area off site.
78	Water sumps offsite.
79	Lorry park area offsite.
80	Sub-station offsite.
81	Warning for a buried live cable off site.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Clydeport Rd
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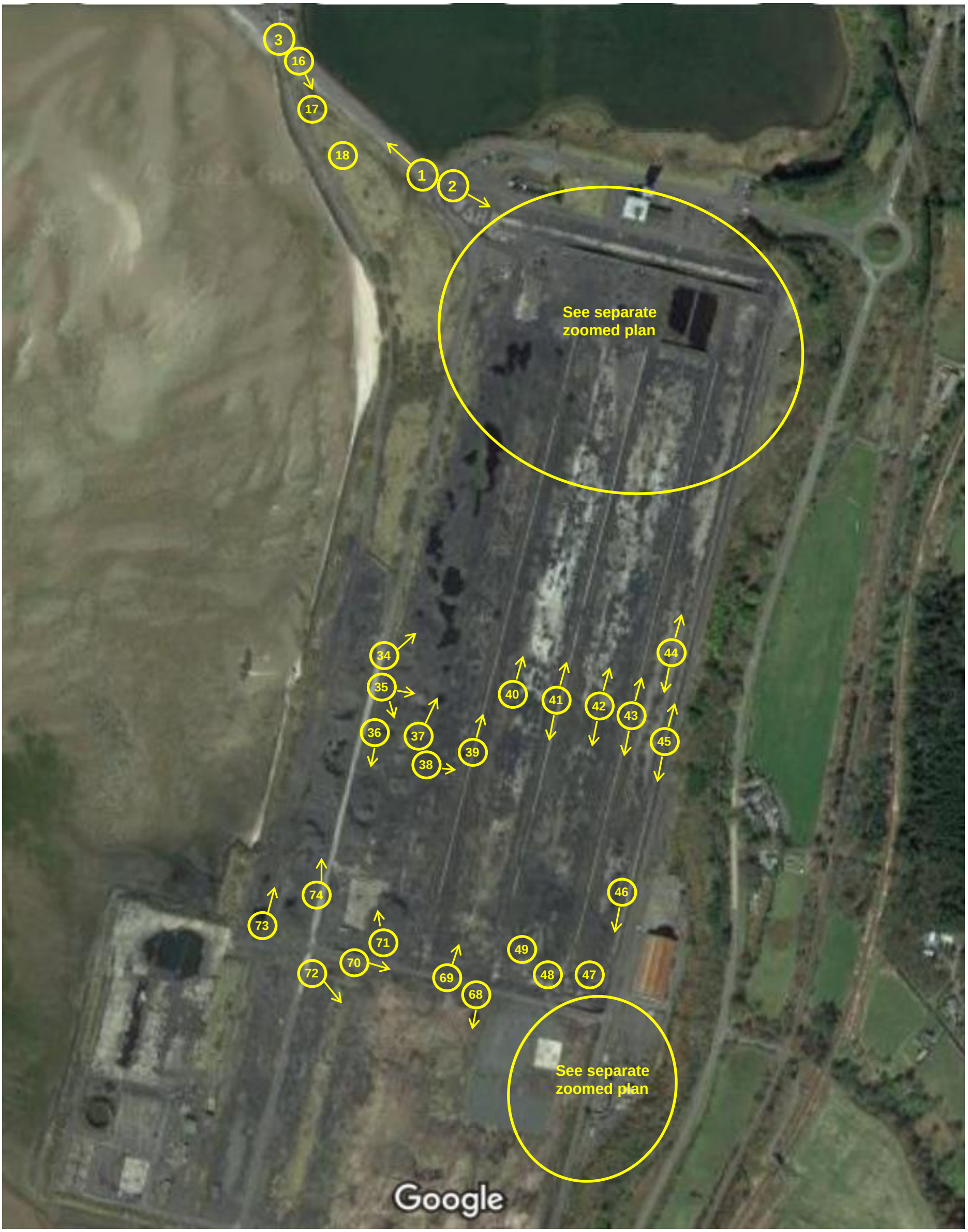
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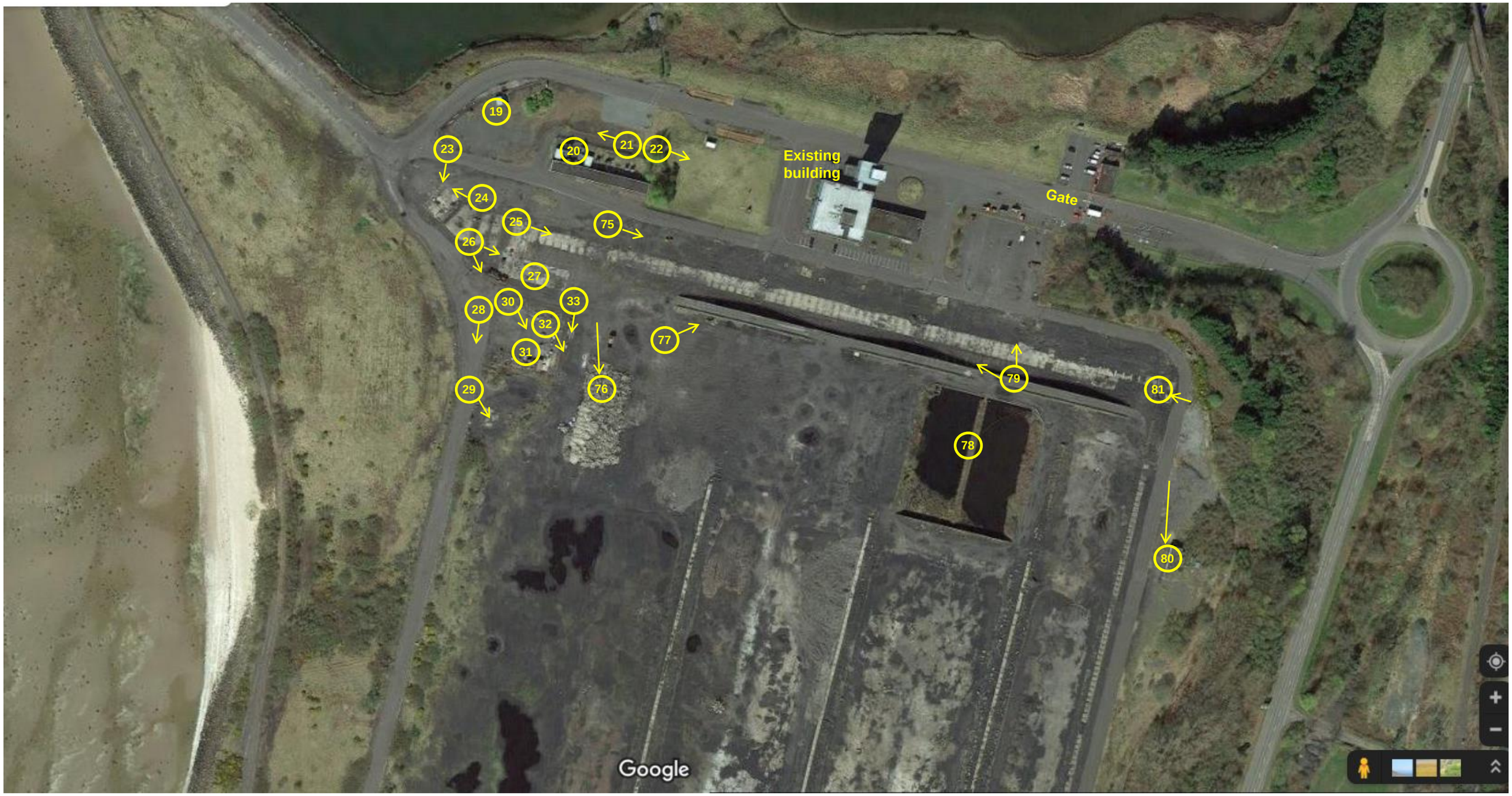
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Existing
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Annex F
Photograph Plates

Plate 01: Waste storage bins, wooden pallets, metal and concrete bars on the pier facing SW

Plate 02: Waste bins and wooden pallets facing NE

Plate 03: Waste bins and wooden pallets facing NE

Plate 04: Rail track on the pier facing SW

Plate 05: Materials/waste placed on the pier (at the bottom northern end of the pier)

Plate 06: View of the site from the north western part of the site facing SE

Plate 07: Ground depression in the north western part of the site, with a black fabric at the base of the depression

Plate 08: General view of the grassed/vegetated area in the north western part of the site

Plate 09: General view of the site facing NW

Plate 10: Showing a strip of concrete slab (former conveyor area) facing E

Plate 11: View of site showing drums and gas cylinders facing SE

Plate 12:Storage area (and items/waste) in the north western part of the site

Plate 13: View of site, showing a cabin and a pile of concrete blocks (removed rail track footings) in the background, and metal rods, timber and gas cylinders In the foreground facing SE

Plate 14:View of the storage area facing S

Plate 15: General view of the site facing E

Plate 16: General view of the site facing E

Plate 17: General view of the site showing existing heaps of coal facing SW

Plate 18: General view of the site facing NE

Plate 19: Raised ground where rail tracks were laid facing E

Plate 20: Removal of rail track facing NE

Plate 21: Former rail track facing NE

Plate 22: Redundant installation located in the south eastern part of the site

Plate 23: General view of the yard area in the south eastern part of the site (photo taken from the bridge)

Plate 24: View of the southern part of the site from the bridge facing S and SW

Plate 25: Fuel/oil tank in the yard area. Evidence of oil leak observed (i.e., dark staining on the ground around the tank and the visible oil sheen. Hydrocarbon odour was also noted)

Plate 26: Waste in the yard area

Plate 27: Waste in the yard area

Plate 28: Transformers (sub-station) facing NE

Plate 29:Transformers (sub-station) facing NE

Plate 30: View of the southern eastern corner of the site, with waste materials facing NE

Plate 31: View of the site from the southern part of the site facing NE

Plate 32: On going coal clearance work (in the background) at the time of visit facing N

Plate 33: Pile of concrete blocks (removed rail track Footings) facing S

Plate 34: Water sump

Plate 35: Water sump

Annex G
BGS Borehole Records

RECORD OF BOREHOLE E 9

219993
653066

Ground level: 4.70m above O.D. Dia. of boring: 0.20m

Method of boring: Shell and Auger Lining tubes: 0.20m to 1.50m

Daily Progress	Samples Depth	Samples Type	Change of Strata Legend	Depth	O.D. Level	Description of Strata
	0.10	BD		0.10	4.60	TOPSOIL.
	1.15	BD				Medium dense fine to coarse brown SAND and GRAVEL.
	1.15-1.45	C(20)		1.40	3.30	
	1.50	BD		1.50	3.20	Very dense fine to medium red-brown SAND with sandstone fragments.
	1.65-1.95	C(52)				
3.12.73	2.51-2.60	C(50)*		2.50	2.20	Red-brown fine to medium grained SANDSTONE.

Key to type of sample:

- U(4) — 102mm (4in.) dia. undisturbed sample
- D — disturbed sample
- BD — bulk disturbed sample
- V — vane test
- S ( ) — standard penetration test
- C ( ) — dynamic cone penetration test

Figure in brackets is No. of blows for penetration given in depth column (see Notes, page 1).

Remarks: (Observations on ground-water, etc.)

Ground-water was not encountered in the borehole and water was added to assist boring at a depth of 0.10m. The use of a heavy chisel was necessary to penetrate the sandstone (2h).

* Seating blows only.

Lab. Ref. No. S/ 10277

HUNTERSTON - ORE TERMINAL

FIG. 45

RECORD OF BOREHOLE E10

Ground level: 17.1ft above O.D. Newlyn

Dia. of boring: 10in to 12ft 6in to 14ft

Method of boring: Shell and Auger

Lining tubes: 10in to 12ft 6in to 12ft 6in

2199/68
6529/62

Daily Progress	Samples: Depth	Samples: Type	Change of Strata: Legend	Change of Strata: Depth ft(m)	Change of Strata: O.D. Level ft(m)	Description of Strata
				(0.90) 3'0"	(4.25) 14.1	Brown-grey silty fine to medium SAND
	3'0"	BD				
	3'6" – 4'6"	S(10)				Loose to medium dense reddish-brown silty fine to medium SAND with occasional fine gravel
	6'6" – 7'6"	S(10)				
	9'0"	BD		(3.05) 10'0"	(2.15) 7.1	
	9'6" – 10'6"	S(11)				
	12'0" – 12'3"	C(50)		(3.65) 12'0"	(1.50) 5.1	GRAVEL and COBBLES with grey-brown silty fine sand
10.3.71	14'0" – 14'1½"	C(50)④		(4.25) 14'1"	(0.90) 3.0	Red-brown fine to medium SANDSTONE

Key to type of sample:

U(4) — 4in (0.10m) dia. undisturbed sample
D — disturbed sample
BD — bulk disturbed sample
V — vane test
S ( ) — standard penetration test
C ( ) — dynamic cone penetration test
Figure in brackets is No. of blows for penetration given in depth column (see Notes, page 1).

Remarks: (Observations on ground-water, etc.)

Water was added to assist boring below 14ft. Water was encountered at a depth of 7ft below ground level and a sample was taken.

④ Includes seating blows.

Lab. Ref. No. S/ 8258

HUNTERSTON ORE TERMINAL

FIG. 36

GEORGE WIMPEY & CO., LTD. CENTRAL LABORATORY HAYES

RECORD OF BOREHOLE B 12

220184
682744

Ground level: 8.50 above O.D. Dia. of boring: 0.20m

Method of boring: Shell and Auger Lining tubes: 0.20m to 4.30m

Daily Progress	Samples: Depth	Samples: Type	Change of Strata: Legend	Change of Strata: Depth	Change of Strata: O.D. Level	Description of Strata
	0.50	BD				Sandy TOPSOIL.
	0.90-1.35	U(4)		0.90	7.60	
	1.35	D				Very soft black clayey fine sandy PEAT.
	1.75	D				
	2.00	BD		1.90	6.60	
	2.15-2.45	C(11)				
						Loose to medium dense fine to coarse brown SAND with some gravel.
	3.00	BD				
	3.15-3.45	C(7)				
	4.00	BD		4.00	4.50	
	4.00-4.15	C(7)[P]		4.30	4.20	Broken red-brown fine to medium grained SANDSTONE.
	4.50	C(50)[P]				
						Red-brown fine to medium grained SANDSTONE.
1.12.73	5.50	C(150)[@]		5.30	3.20	

Key to type of sample:
- **U(4)** — 102mm (4in.) dia. undisturbed sample
- **D** — disturbed sample
- **BD** — bulk disturbed sample
- **V** — vane test
- **S ( )** — standard penetration test
- **C ( )** — dynamic cone penetration test

Figure in brackets is No. of blows for penetration given in depth column (see Notes, page 1).

Remarks: (Observations on ground-water, etc.)

Ground-water was encountered at a depth of 0.90m below ground level and a water sample was taken. The use of a heavy chisel was necessary to penetrate the sandstone (2h).

[@] Seating blows only.
[P] No penetration.

Lab. Ref. No. S/ 10277

HUNTERSTON – ORE TERMINAL

FIG. 14

RECORD OF BOREHOLE D 8

220098
653109

Ground level: 6.25m above O.D. Dia. of boring: 0.20m

Method of boring: Shell and Auger Lining tubes: 0.20m to 4.75m

Daily Progress	Samples Depth	Samples Type	Change of Strata Legend	Change of Strata Depth	Change of Strata O.D. Level	Description of Strata
				0.10	6.15	TOPSOIL.
	1.00 1.15-1.45 1.45	D S(9) BD		1.60	4.65	Loose fine to medium dark brown SAND.
	1.85-2.15 2.15	C(24) BD				Fine to medium dark brown SAND with some coarse gravel, cobbles and shell fragments.
30.11.73	2.85-3.15 3.15	C(12) BD		3.10	3.15	
	3.70-4.00 4.00	C(50) BD		4.30	1.95	Very dense fine to medium red-brown SAND with sandstone fragments of coarse gravel-size.
	4.75 4.90-5.05	D C(39)*		4.75	1.50	Stiff red-brown very sandy silty CLAY with gravel.
1.12.73	5.75-6.05	C(50)‡		5.75	0.50	Red-brown fine to medium grained SANDSTONE.

Key to type of sample:

- **U(4)** — 102mm (4in.) dia. undisturbed sample
- **D** — disturbed sample
- **BD** — bulk disturbed sample
- **V** — vane test
- **S ( )** — standard penetration test
- **C ( )** — dynamic cone penetration test

Figure in brackets is No. of blows for penetration given in depth column (see Notes, page 1).

Remarks: (Observations on ground-water, etc.)

A slight seepage of ground-water occured at 1.70m depth and the ground-water was cut off by the lining tubes at a depth of 4.40m. Water was added to assist boring at a depth of 0.10m and again at 3.10m depth. The use of a heavy chisel was necessary to penetrate the sandstone (2h).

‡ Includes seating blows.

* Seating blows only.

Lab. Ref. No. S/ 10277

HUNTERSTON - ORE TERMINAL

FIG. 34

220278
653269

RECORD OF BOREHOLE X 6

Ground level: 3.05m above O.D. Dia. of boring: 0.20m

Method of boring: Shell and Auger Lining tubes: 0.20m to 8.00m

Daily Progress	Samples: Depth	Samples: Type	Change of Strata: Legend	Change of Strata: Depth	Change of Strata: O.D. Level	Description of Strata
	0.20	D		0.20	2.85	TOPSOIL.
	0.30-0.75 0.75	U(4) † BD		0.75	2.30	Very soft brown sandy silty CLAY with gravel and roots.
	0.90-1.20 1.20	C(8) BD				Loose to medium dense fine to coarse GRAVEL with a little fine to coarse brown sand.
	1.45-1.75 1.75	C(15) BD		1.85	1.20	
				3.30	-0.25	Fine to coarse brown very clayey SAND with occasional gravel and cobbles.
	3.35-3.80 3.80	U(4) † BD				
	3.80-4.25 4.25	U(4) D				Firm to stiff laminated brown silty CLAY with some shells and occasional gravel (silty dustings in laminations spaced 2mm to 3mm apart).
	4.80-5.25 5.25	U(4) D				
	5.80-6.25 6.25	U(4) † BD		6.10	-3.05	
	6.80-7.25 7.25	U(4) † BD				Very soft brown silty CLAY with some gravel.
	8.10-8.55 8.55	U(4) D		8.00	-4.95	Very soft red-brown silty CLAY with sandstone fragments.
	9.10-9.45	C(50) ‡		9.05	-6.00	Red-brown fine to medium grained SANDSTONE.
22.11.73	10.05-10.15	C(50) ⊕		10.05	-7.00	

Key to type of sample:

- **U(4)** — 102mm (4in.) dia. undisturbed sample
- **D** — disturbed sample
- **BD** — bulk disturbed sample
- **V** — vane test
- **S ( )** — standard penetration test
- **C ( )** — dynamic cone penetration test

Figure in brackets is No. of blows for penetration given in depth column (see Notes, page 1).

Remarks: (Observations on ground-water, etc.)

A seepage of ground-water occured at 0.75m depth and water was added to assist boring below this depth. The ground-water was cut off by the lining tubes at a depth of 3.80m. The borehole was advanced by chiselling the sandstone from 9.15m to 10.05m (2h).

† Unable to recover sample.
‡ Includes seating blows.
⊕ Seating blows only.

Lab. Ref. No. S/ 10277

HUNTERSTON - ORE TERMINAL

FIG. 57

RECORD OF BOREHOLE A 3

Ground level: 3.2ft above O.D. Newlyn Dia. of boring: 10in 220464 653489

Method of boring: Shell and Auger Lining tubes: 10in to 26ft

Daily Progress	Samples: Depth	Samples: Type	Change of Strata: Legend	Change of Strata: Depth ft(m)	Change of Strata: O.D. Level ft(m)	Description of Strata
	3'6" – 4'6" 4'6"	C(5) BD		(1.85) 6'0"	(-0.85) -2.8	Loose grey-brown fine to coarse SAND with gravel, cobbles and shell fragments
	6'6" – 7'6" 7'6"	C(6) BD				
	9'6" – 10'6"	S(10)				Loose brown silty fine to medium SAND with shell fragments
	12'6" – 13'6"	S(10)		(4.25) 14'0"	(-3.30) -10.8	
	14'6" – 16'0" 16'0" 17'0"	U(4) D D				
	19'6" – 21'0" 21'0" 22'0"	U(4) D D				Soft and occasionally firm brown silty CLAY with laminations of silty fine sand in parts
5.3.71	24'6" – 26'0" 26'0"	U(4) D		(7.60) 25'0"	(-6.65) -21.8	
	28'6" – 29'6"	C(30)				Medium dense to dense red-brown silty fine to coarse SAND with fine gravel
	32'0" – 32'3"	C(50)*		(9.75) 32'0"	(-8.80) -28.8	
6.3.71	34'0" – 34'11"	C(50)*		(10.40) 34'1"	(-9.35) -30.9	Red-brown fine to medium SANDSTONE

Key to type of sample:

- **U(4)** — 4in (0.10m) dia. undisturbed sample
- **D** — disturbed sample
- **BD** — bulk disturbed sample
- **V** — vane test
- **S ( )** — standard penetration test
- **C ( )** — dynamic cone penetration test

Figure in brackets is No. of blows for penetration given in depth column (see Notes, page 1).

Remarks: (Observations on ground-water, etc.)

Water encountered in the borehole was subject to tidal variations.

* Includes seating blows.

Lab. Ref. No. S/ 8258

HUNTERSTON ORE TERMINAL

FIG. 2

RECORD OF BOREHOLE B2

level: 2.8ft above O.D. Newlyn

Dia. of boring: 10in to 20ft 6in, 8in to 49ft, 6in to 51ft

Method of boring: Shell and Auger

Lining tubes: 10in to 20ft 6in, 8in to 49ft, 6in to 49ft

220388
633603

Daily Progress	Samples: Depth	Samples: Type	Change of Strata: Legend	Change of Strata: Depth ft (m)	Change of Strata: O.D. Level ft (m)	Description of Strata
	3'6" – 4'6"	S(7)				
	6'6" – 7'6"	S(6)				
	9'6" – 10'6"	S(5)				
	12'6" – 13'6"	S(9)				Loose, becoming medium dense, brown to light brown, becoming reddish, grey-brown silty fine to medium SAND with very occasional fine gravel
10.3.71	15'6" – 16'6"	S(9)				
	18'6" – 19'6"	S(13)				
	21'6" – 22'6"	S(12)				
	24'6" – 25'6"	S(12)		(8.00) 26'3"	(-7.15) -23.5	
	27'0" – 28'6"	U(4)				
	28'6" – 30'0"	D				
	32'0" – 33'6"	U(4)				Firm to stiff brown silty CLAY with bands of silty fine sand
	33'6" – 35'0"	D				
	37'0" – 38'6"	U(4)		(11.90) 39'0"	(-11.00) -36.2	
	38'6" – 39'9"	D			-37.0	
11.3.71	39'6" – 39'9"	C(50)Φ		(12.15)	(-11.30)	Very dense red-brown clayey silty SAND with fine to coarse gravel
				(13.10) 43'0"	(-12.25) -40.2	BOULDER
	44'6" – 45'6"	C(17)				
	45'6" – 47'6"	BD				Medium dense red-brown clayey silty SAND with gravel and cobbles
	47'6" – 48'6"	C(22)		(14.95) 49'0"	(-14.05) -46.2	
	48'6"	BD				
12.3.71	51'0" -51'04"	C(50)Φ		(15.55) 51'0"	(-14.70) -48.2	Red-brown fine to medium SANDSTONE

Key to type of sample:

- U(4) — 4in (0.10m) dia. undisturbed sample
- D — disturbed sample
- BD — bulk disturbed sample
- V — vane test
- S ( ) — standard penetration test
- C ( ) — dynamic cone penetration test

Figure in brackets is No. of blows for penetration given in depth column (see Notes, page 1).

Remarks: (Observations on ground-water, etc.)

Water encountered in the borehole was subject to tidal fluctuations.

Φ Includes seating blows.

Lab. Ref. No. S/8258

HUNTERSTON ORE TERMINAL

FIG. 12

RECORD OF BOREHOLE B7

Ground level: 15.4ft above O.D. Newlyn

Dia. of boring: 8in to 22ft 9in, 6in to 25ft, SF (4in core) to 35ft

Method of boring: Shell and Auger and Rotary Core Drilling

Lining tubes: 8in to 22ft 9in, 6in to 25ft

220300
653159

Daily Progress	Core Recovery or Samples: Depth	Core Recovery or Samples: % or Type	Change of Strata: Legend	Change of Strata: Depth ft(m)	Change of Strata: O.D. Level ft(m)	Description of Strata
				1°0"	14.4	TOPSOIL
	3°6" – 4°6"	C(19)		(0.30)	(4.40)	Medium dense fine to coarse GRAVEL with cobbles and traces of brown silty sand
	3°0"	BD		(2.00) 6°6"	(2.70) 8.9	
	6°6" – 7°6"	C(10)				
	6°0"	BD				
	8°0" – 9°6"	U(4)				Brown clayey SILT becoming firm to stiff brown silty CLAY
	9°6"	D				
	11°0"	D				
	13°0" – 14°6"	U(4)		(4.70)	(-0.05)	
	14°6"	D		15°6"	-0.1	
	16°6" – 17°6"	C(26)				
	16°0"	BD				
	19°6" – 20°6"	C(19)				Medium dense claybound sandy fine to coarse gravel-size fragments of SANDSTONE
	19°0"	BD		(6.55) 21°6"	(-1.85) -6.1	
24.2.71	22°0" – 22°6"	U(4)★†		22°6"	-7.1	Firm brown sandy CLAY with gravel
		C(50)Φ		(6.85)	(-2.15)	
25.2.71	25°0"			25°0"	-9.6	Red fine to medium grained SANDSTONE
				(7.60)	(-2.90)	
		98% (86%)				Red-brown and occasionally light grey fine to medium SANDSTONE: fractures generally at 0° to 10°; 70° – 80° joint from 32ft 6in to 33ft; apparent dips 70° to 80°
15.3.71	35°0"			(10.65) 35°0"	(-5.95) -19.6	

Key to type of sample:

- **U(4)** — 4in (0.10m) dia. undisturbed sample
- **D** — disturbed sample
- **BD** — bulk disturbed sample
- **V** — vane test
- **S ( )** — standard penetration test
- **C ( )** — dynamic cone penetration test

Figure in brackets is No. of blows for penetration given in depth column (see Notes, page 1).

Remarks: (Observations on ground-water, etc.)

Water was encountered at a depth of 15ft 6in below ground level and rose swiftly. On the morning of 25.2.71 water stood at a depth of 2ft 6in. Water was used as circulatory fluid during coring and a full circulation was maintained throughout.

(-5) Indicates Rock Quality Designation.

★ Full penetration of sampler not attained.

† Unable to recover sample.

Φ No penetration of sampler not attained.

Lab. Ref. No. S/8258

HUNTERSTON ORE TERMINAL

FIG. 17

RECORD OF BOREHOLE C3

Ground level: 2.2ft above O.D. Newlyn

Dia. of boring: 10in to 20ft; 8in to 33ft; SF (4in core) to 43ft

Method of boring: Shell and Auger and Rotary Core Drilling

Lining tubes: 10in to 20ft; 8in to 28ft 6in 220276; 6in to 33ft 6in 6S3535

Daily Progress	Core Recovery or Samples: Depth	Core Recovery or Samples: % or Type	Change of Strata: Legend	Change of Strata: Depth ft(m)	Change of Strata: O.D. Level ft(m)	Description of Strata
	3'6" – 4'6"	S(9)				Loose to medium dense grey-brown silty fine to medium SAND with shell fragments
	6'6" – 7'6"	S(10)				
	9'6" – 10'6"	S(11)				
	12'6" – 13'6"	S(9)		(4.25) 14'0"	(–3.60) –11.8	
	14'6" – 16'0"	U(4)				Firm to stiff laminated reddish-brown silty CLAY with bands of silty fine sand and very occasional fine gravel towards the base
	16'0"	D				
	17'6"	D				
	19'6" – 21'0"	U(4)				
	21'0"	D				
	22'6"	D		(7.45) 24'6"	(–6.80) –22.3	
4.3.71						
	26'6" – 27'6"	C(20) BD				Medium dense red-brown silty fine to coarse SAND with gravel and cobbles
	27'6"					
	29'6" – 30'6"	C(28) BD		(9.45) 31'0"	(–8.80) –28.8	
	30'6"					
	33'0" – 33'0½"	C(50)⊕		(10.05) 33'0"	(–9.40) –30.8	Red-brown fine to medium SANDSTONE
5.3.71						
	36'6"	98% (74%)				Red-brown fine to medium SANDSTONE with 90° calcite veins at 35ft and from 36ft 6in to 40ft; joints generally at 0° to 20°, 60° and 90° and occasionally at 45°; core broken at 35ft 6in; dip obscure
		98% (74%)				
18.3.71	43'0"			(13.10) 43'0"	(–12.45) –40.8	

Key to type of sample:

- **U(4)** — 4in (0.10m) dia. undisturbed sample
- **D** — disturbed sample
- **BD** — bulk disturbed sample
- **V** — vane test
- **S ( )** — standard penetration test
- **C ( )** — dynamic cone penetration test

Figure in brackets is No. of blows for penetration given in depth column (see Notes, page 1).

Remarks: (Observations on ground-water, etc.)

Water encountered in the borehole was subject to tidal fluctuations. Water was used as circulatory fluid during coring and a full circulation was maintained throughout.

(–%) Indicates Rock Quality Designation.

⊕ Includes seating blows.

Lab. Ref. No. S/8258

HUNTERSTON ORE TERMINAL

FIG. 22

RECORD OF BOREHOLE C6

Ground level: 9.4ft above O.D. Newlyn

Dia. of boring: 8in to 31ft 6in; SF (4in core) to 41ft 6in

Method of boring: Shell and Auger and Rotary Core Drilling

Lining tubes: 8in to 29ft 6in; 6in to 32ft

220223
6S3275

Daily Progress	Core Recovery or Samples: Depth	Core Recovery or Samples: % or Type	Change of Strata: Legend	Change of Strata: Depth ft(m)	Change of Strata: O.D. Level ft(m)	Description of Strata
				(0.45) 1'6"	(2.40) 7.9	TOPSOIL
	3'6" – 4'6" 3'0"	C(5) BD				
	6'6" – 7'6" 6'0"	C(8) BD		(2.60) 8'6"	(0.25) 0.9	Loose grey-brown silty fine to coarse SAND with shell fragments and fine to medium gravel
	8'0" – 9'6"	U(4)†				
22.2.71	9'6" – 11'0" 11'0"	U(4) D				
	14'6" – 16'0" 16'0" 17'0"	U(4) D D				
	19'6" – 21'0" 21'0" 22'0"	U(4) D D				Firm, becoming stiff, grey-brown silty CLAY with bands of sand and rock fragments at base
	24'6" – 26'0" 26'0" 27'0"	U(4) D D				
	29'0" – 30'0" 29'6"	C(46) BD		(8.70) 28'6"	(-5.80) -19.1	
23.2.71	30'0" – 30'6"	C(70)⊕		29'6"	-20.1	Very dense fine to coarse gravel-size fragments of SANDSTONE
24.2.71	31'6" –31'7½" 31'6"	C(50)⊕		(9.00) 31'7"	(-6.15) -22.2	Red-brown fine to medium grained SANDSTONE
		100% (68%)		(4.60)	(-6.75)	Red-brown fine to medium SANDSTONE with occasional small mudstone patches; joints generally at 20° to 30° and at 80° to 90°; 90° joint with breakage around at 38ft 6in; long 80°–90° clay lined joint from 39ft 6in to 41ft 6in; occasional traces of calcite on joints; apparent dips 60° to 80° but generally obsure
10.3.71	41'6"			(12.65) 41'6"	(-9.80) -32.1	

Key to type of sample:

- U(4) — 4in (0.10m) dia. undisturbed sample
- D — disturbed sample
- BD — bulk disturbed sample
- V — vane test
- S ( ) — standard penetration test
- C ( ) — dynamic cone penetration test

Figure in brackets is No. of blows for penetration given in depth column (see Notes, page 1).

Remarks: (Observations on ground-water, etc.)

Water was added to assist boring between 1ft 6in and 12ft at which level water was encountered. Water stood at a depth of 8ft when the lining tubes were withdrawn. Water was used as circulatory fluid during coring and a full circulation was maintained.

(-%) Indicates Rock Quality Designation.

† Unable to recover sample.

⊕ Includes seating blows.

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HUNTERSTON ORE TERMINAL

FIG.25

RECORD OF BOREHOLE D3

10in to 21ft
8in to 40ft
6in to 42ft 6in

Ground level: 2.0ft above O.D. Newlyn

Dia. of boring: SF (4½in core) to 52ft 6in

10in to 21ft
8in to 40ft
6in to 42ft 6in

Method of boring: Shell and Auger and Rotary Core Drilling

Lining tubes: 6⅝in to 42ft 6in

220187
653559

Daily Progress	Core Recovery or Samples: Depth	Core Recovery or Samples: % or Type	Change of Strata: Legend	Change of Strata: Depth ft(m)	Change of Strata: O.D. Level ft(m)	Description of Strata
	3'6" – 4'6"	S(8)				Loose becoming medium dense grey-brown silty fine to medium SAND with shell fragments
	6'6" – 7'6"	S(8)				
	9'6" – 10'6"	S(9) †				
	12'6" – 13'6"	S(12)				
	15'6" – 16'6"	S(12) †				
	18'6" – 19'6"	S(16)		(6.25) 20'6"	(–5.65) –18.5	
	22'0" – 23'6"	U(4)				Very stiff laminated reddish-brown very sandy silty CLAY with occasional shell fragments
	23'6" – 25'0"	D		(8.20) 26'9"	(–7.85) –24.8	
	27'6" – 29'0"	U(4)				Red-brown clayey silty fine to medium SAND with occasional fine to medium gravel
	30'6"	D		(9.90) 32'6"	(–9.30) –30.5	
26.2.71	33'6" – 34'6"	C(37)				Dense to very dense fine to coarse GRAVEL and COBBLES with occasional boulders and patches of red-brown clayey silty sand
	34'6"	BD				
	36'6" – 37'6"	C(47)		(12.20) 40'0"	(–11.60 –38.0	
	37'6"	BD				
	39'6" – 40'0"	C(30)				
27.2.71	40'0" – 42'6"	BD		(12.95) 42'6"	(–12.35) –40.5	Red-brown and occasionally green-grey fine to medium SANDSTONE
	48'3"	82% (49%)				Red-brown fine to medium SANDSTONE leached with light grey sinuous patches above 45ft; fractures generally at 0° to 10°, 60° to 70° and occasionally at 30°; core broken below 47ft 9in by irregular fractures; below 48ft 6in the fractures are generally at 20°, 45° and 80°; apparent dips 60° to 70°, becoming obscure with depth
3.3.71	52'6"	100% (40%)		(16.00) 52'6"	(–15.40) –50.5	

Key to type of sample:

- **U(4)** — 4in (0.10m) dia. undisturbed sample
- **D** — disturbed sample
- **BD** — bulk disturbed sample
- **V** — vane test
- **S ( )** — standard penetration test
- **C ( )** — dynamic cone penetration test

Figure in brackets is No. of blows for penetration given in depth column (see Notes, page 1).

Remarks: (Observations on ground-water, etc.)

Water encountered in the borehole was subject to tidal fluctuations. Artesian freshwater was encountered and rose to overflow from the borehole. Water was used as circulatory fluid and a full circulation was maintained throughout.

(–%) Indicates Rock Quality Designation.

† No recovery.

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HUNTERSTON ORE TERMINAL

FIG.32

RECORD OF BOREHOLE D5

10in to 41ft 6in
6in to 43ft 6in
SF (4in core) to 53ft 6in

Ground level: 2.6ft above O.D. Newlyn

Dia. of boring:

Method of boring: Shell and Auger and Rotary Core Drilling

10in to 28ft
6in to 41ft 6in

Lining tubes:

220152
6S3376

Daily Progress	Core Recovery or Samples: Depth	Core Recovery or Samples: % or Type	Change of Strata: Legend	Change of Strata: Depth ft(m)	Change of Strata: O.D. Level ft(m)	Description of Strata
	3°6" – 4°6"	S(6)		(1.85) 6°0"	(-1.05) -3.4	Loose grey silty fine to coarse SAND with shell fragments
	6°0" – 7°6" 7°6" 8°6"	U(4) D D				Firm brown silty sandy CLAY with shells and fine gravel
	11°0" – 12°6" 12°6" 13°6"	U(4) D D		(4.40) 14°6"	(-3.65) -11.9	
	15°6" – 16°6" 15°0"	C(23) BD				
	18°6" – 19°6" 18°0"	C(21) BD				Medium dense fine to coarse GRAVEL with cobbles and traces of red-brown sandy clay
	21°6" – 22°6" 21°0"	C(24) BD		(7.60) 25°0"	(-6.95) -22.4	
20.2.71	25°0" – 26°6" 26°6" 27°6"	U(4) D D				
	30°0" – 31°6" 31°6" 32°6"	U(4) D D				Bands of firm red-brown sandy CLAY and fine to coarse SAND and GRAVEL
	35°0" – 36°6" 36°6" 37°6"	U(4) D D				
22.2.71	40°0" – 41°6" 41°6"	U(4) D		(12.65) 41°6"	(-11.85) -38.9	
23.2.71	41°6" – 42°0" 43°6" – 43°7" 43°6"	C(69)[15] C(50)[10]		(13.25) 43°6"	(-12.45) -40.9	Red-brown fine to medium grained SANDSTONE
27.2.71	53°6"	90% (60%)		(16.30) 53°6"	(-15.50) -50.9	Red-brown fine to medium SANDSTONE with occasional fine calcite veining; fractures generally at 0° to 10° with an 80° fracture from 48ft to 50ft 9in with associated fractures; occasional 45° fractures towards the base; the bedding is obscure but apparent dips up to 70° occur

Key to type of sample:

- **U(4)** — 4in (0.10m) dia. undisturbed sample
- **D** — disturbed sample
- **BD** — bulk disturbed sample
- **V** — vane test
- **S ( )** — standard penetration test
- **C ( )** — dynamic cone penetration test

Figure in brackets is No. of blows for penetration given in depth column (see Notes, page 1).

Remarks: (Observations on ground-water, etc.)

Water encountered in the borehole was subject to tidal fluctuations. Water was used as a circulatory fluid and a full circulation was maintained throughout.

(-%) Indicates Rock Quality Designation.

[15] Includes seating blows.

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HUNTERSTON ORE TERMINAL

FIG.34

GEORGE WIMPEY & CO., LTD. CENTRAL LABORATORY HAYES

Fig. 18

Soil Mechanics

Log for Borehole No 24

sheet 1 of 1

Location No. 5684 HUNTERSTON

Carried out for Clyde Port Authority

Date 23rd February, 1971.

Dia. 300 mm to 7m, 200mm to base.

Description	Reduced Level: m	Legend	Sample	Depth (metres)	Thickness (metres)	Standard Penetration test: Depth and Penetration	Standard Penetration test: No. of blows (N)	Remarks
Ground Level (m. above N.D.)	0·1			0·0				300mm shell
			1					
			2			1·65 0·30	7	
Loose, becoming medium dense with depth, pale orange-brown, often slightly silty, fine to medium SAND with occasional shells. (Alluvium) slightly silty			3					
			4			3·15 0·30	11	
			5					
			6			4·65 0·30	14	
			7	10·45 (penetrated)				
			8			6·15 0·30	16	
			9					200mm shell
			10			7·65 0·30	16	
			11					
			12			9·15 0·30	19	
slightly silty			13					
			14			10·15 0·30	22	
	−10·35			10·45				
END OF BOREHOLE								

● Disturbed Sample ♦ Bulk Sample ▮ Tube or Core Sample (Length to scale) ▽W Water Sample

Scale 20mm = 1metre.