



**APPLICATION FOR AN ENVIRONMENTAL PERMIT
VARIATION UNDER THE ENVIRONMENTAL
PERMITTING (ENGLAND AND WALES)
REGULATIONS 2016
(AS AMENDED)**

SITE CONDITION REPORT

CENIN

Previous Winner and Recipient of the Queen's Award for Enterprise for Sustainable Development 2021

**THE RESEARCH CENTRE,
PARC STORMY,
STORMY DOWN,
BRIDGEND,
CF33 4RS**

**ECL Ref: CENI.01.01/ASCR
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ACRONYMS / TERMS USED IN THIS REPORT

ASCR	Application Site Condition Report
BAT	Best Available Techniques
BGS	British Geological Survey
Cenin	Cenin limited
EA	Environment Agency
ECL	Environmental Compliance Limited
EMS	Environmental Management System
EP	Environmental Permit
EP Regulations	Environmental Permitting (England and Wales) Regulations 2016 as amended
ERA	Environmental Risk Assessment
IPPC	Integrated Pollution Prevention and Control
MAGIC	Multi-Agency Geographic Information for the Countryside
NRW	Natural Resources Wales
OS	Ordnance Survey
PPC	Pollution Prevention and Control
SPZ	Source Protection Zone
The EP	Permit reference EPR/SP3936TL
The Installation	Cenin Cement, fly ash and mineral products site
The Site	The Research Centre, Parc Stormy, Stormy Down, Bridgend, CF33 4RS
The Template	NRW's Site Condition Report Template
WEEE	Waste Electrical and Electronic Equipment

1. SITE DETAILS

1.1. Context and Objectives of Site Condition Report

- 1.1.1. Environmental Compliance Limited (“ECL”) has been commissioned by Cenin Limited (“Cenin”) to prepare a Site Condition Report (“SCR”) to form part of the Environmental Permit variation application for Permit reference EPR/SP3936TL (“the EP”) in relation to their cement, fly ash and mineral products site, hereafter referred to as “the Installation”, located at The Research Centre, Parc Stormy, Stormy Down, Bridgend, CF33 4RS (“the Site”).
- 1.1.2. This SCR is an addendum to the application site condition report (“ASCR”) prepared in 2010: *Site Condition Report Re: Cement Replacement Plant at Stormy Down, ref CEN SCR 2010 01*, which is provided in Appendix I of this document and should be read in conjunction with the SCR.
- 1.1.3. The SCR covers only the area included in the proposed permit extension area and the changes to activities proposed in the permit variation and:
- provides a plan showing the changes to the boundary;
 - provides a description of the changes to the permitted activities;
 - provides a List of ‘dangerous substances’ used/produced by the permitted activities that were not identified in the Original Site Condition Report
- 1.1.4. Sections 1 to 4 of NRW’s Site Condition Report Template¹ (“the Template”) and associated guidance² the Template have been filled in reflecting the proposed changes.
- 1.1.5. The aim of the SCR is to describe the condition of the land under the extension area and to identify any substance in, on, or under the land that may present a pollution risk.
- 1.1.6. The SCR, therefore, sets out the initial (i.e., current) condition of the extension area and considers any pollution incidents that may have occurred at the site and details of any measures put into place to mitigate the effects of any such incidents. It serves two main purposes:
- firstly, it will act as a reference point, along with operating records, for measuring any deterioration of the site whilst operating under the permit (on surrender of the permit, another site report must be prepared, identifying any changes to the condition of the site from that described in the original report); and
 - secondly, the SCR will give information on the physical attributes and vulnerability of the site; it will assist in understanding the environmental setting of the site, and understanding the nature, extent and behaviour of any contaminants that may be present; local hydrology, hydrogeology, geology and general setting are considered.

¹ <https://cdn.cyfoethnaturiol.cymru/1213/site-condition-report-template.pdf>

² <https://cdn.cyfoethnaturiol.cymru/1215/environmental-permitting-regulations-guidance-for-applicants-h5-site-condition-report-guidance-and-template.pdf>

1.2. Changes to the Activity Boundary

- 1.2.1. The permit boundary will be extended to include an additional building for storage of bagged, non-combustible waste and products, to be referred to as the Storage Building. The existing permit boundary is shown as a solid green line, and the extension to the permit boundary as a green dotted line on drawing reference CENI.01.01-02 in Appendix II.
- 1.2.2. The storage building will be fully enclosed, lockable and will benefit from impermeable surfacing which is isolated from the drainage system.
- 1.2.3. The external area within the proposed extension area will be surfaced with concrete and is isolated from the drainage system
- 1.2.4. There is security fencing around the boundary of the extension area and signage will be put in place.

1.3. Name of the Applicant

- 1.3.1. The applicant is Cenin Limited.

1.4. Activity Address

- 1.4.1. The Installation is located on Stormy Down, Bridgend, CF33 4RS. The Installation covers an area of approximately 1.33 hectares.

1.5. Grid Reference

- 1.5.1. The approximate site centre is located at national grid reference SS 84118 80084.

1.6. Application Site Condition Report

- 1.6.1. The ASCR Site Condition Report Re: Cement Replacement Plant at Stormy Down, ref CEN SCR 2010 01, was prepared in 2010. The ASCR is provided in Appendix I of this document.

1.7. Site Plans

- 1.7.1. The Site Location Plan (CENI.01.01-01), provided in Appendix II, details the existing EP Boundary, outlined in green, and the proposed extension to the EP boundary, outlined in dotted green.

- 1.7.2. The following drawings have been prepared for the EP submission and are included in Appendix II of this SCR:
- Site Location Plan – CENI.01.01-01
 - Site Layout Plan – CENI.01.01-02
 - Sensitive Receptor Plan – CENI.01.01-03
 - Fire Prevention and Mitigation Plan – CENI.01.01-04
 - Drainage Arrangements – CENI.01.01-05
- 1.7.3. Figure 1 provides the indicative location of the Facility (red outline) within the context of the surrounding environment

Figure 1: Indicative Site Location



- 1.7.4. The Installation is located within an agricultural area adjacent to Severn Trent Green Power South Wales Anaerobic Digestion (“AD”) Facility, quarrying activities, wind turbines and a solar farm.
- 1.7.5. The River Fach is located approximately 1.6km north of the Installation boundary.
- 1.7.6. Residential housing is located to the northeast, southwest and northwest of the Installation, the nearest property being approximately 0.35 km northeast.
- 1.7.7. Open green space and farmland is located to the east and south of the Installation.

2. CONDITION OF LAND AT PERMIT ISSUE

2.1. Environmental Setting

Geology

- 2.1.1. The British Geological Survey ("BGS")³ has no record of the underlying geology regarding superficial deposits. The bedrock is recorded to be Stormy Limestone Formation overlying the Cornelly Oolite of the Hunts Bay Group.
- 2.1.2. The Stormy Limestone comprises a pale to dark grey interbedded oncolytic, bioclastic, Oolite and porcelaneous limestone. The Cornelly Oolite is light to mid-grey, fine to medium grained, Oolitic and massive.
- 2.1.3. The BGS Urban Soil Chemistry average concentration values, as reported within the Envirocheck report contained in Appendix III are as follows for locations within the Installation's boundary:
- arsenic: 15 – 25 mg/kg;
 - cadmium: <1.8mg/kg
 - chromium: 60 – 120 mg/kg;
 - lead: <100mg/kg; and
 - nickel: 30- 45mg/kg.
- 2.1.4. The Coal Authority's Coal Mining Report (contained in Appendix IV) states that the Facility is not in a surface area that could be affected by any past recorded underground coal mining, any present underground coal mining or in an area likely to be affected by any future planned underground coal mining. In addition, no notices have been given, under Section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.
- 2.1.5. According to the Radon Affected Area mapping tool⁴ for the UK, the Facility is located within an area with bands of elevated radon potential possessing a maximum radon potential of 10-30%.

Hydrogeology

- 2.1.6. According to the Envirocheck Report, the bedrock geology is reported to be a principal bedrock aquifer with high vulnerability. A principal aquifer is defined by BGS as highly permeable, strategically important rock formations—often formerly termed "major aquifers"—that store and transmit significant quantities of groundwater for public water supply and river base flow. This is defined by the Environment Agency as permeable layers capable of supporting water supplies at a local rather than strategic scale and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers.

³ British Geological Survey Geology of Britain Viewer. Available online at <https://mapapps2.bgs.ac.uk/geoindex/home.html> accessed November 2024.

⁴ Radon Affected Areas Mapping Tool. Available online at <https://www.ukradon.org/information/ukmaps>, accessed November 2024.

- 2.1.7. There is no data available on the superficial aquifer designation at the location.
- 2.1.8. There are five recorded groundwater abstraction licences within 2km of the Facility, as shown in Table 1.

Table 1: Groundwater Abstraction Licences Within 2km of the Facility

National Grid Reference	Licence Number	Distance from Facility Boundary (km)	Details of Use
283201, 180369	Wa/058/0033/0005	0.898	Industrial and Quarry Dewatering
285640, 178830	21/58/33/0007	1.913	General Farming and Domestic
282155, 180448	Wa/058/0033/0006	1.934	Industrial and Quarry Dewatering
282240, 180790	21/58/51/0030	1.945	General Farming and Domestic
282212, 180821	Wa/058/0033/0004	1.982	Agriculture: Forestry: Animal Watering & General Use in Non Farming

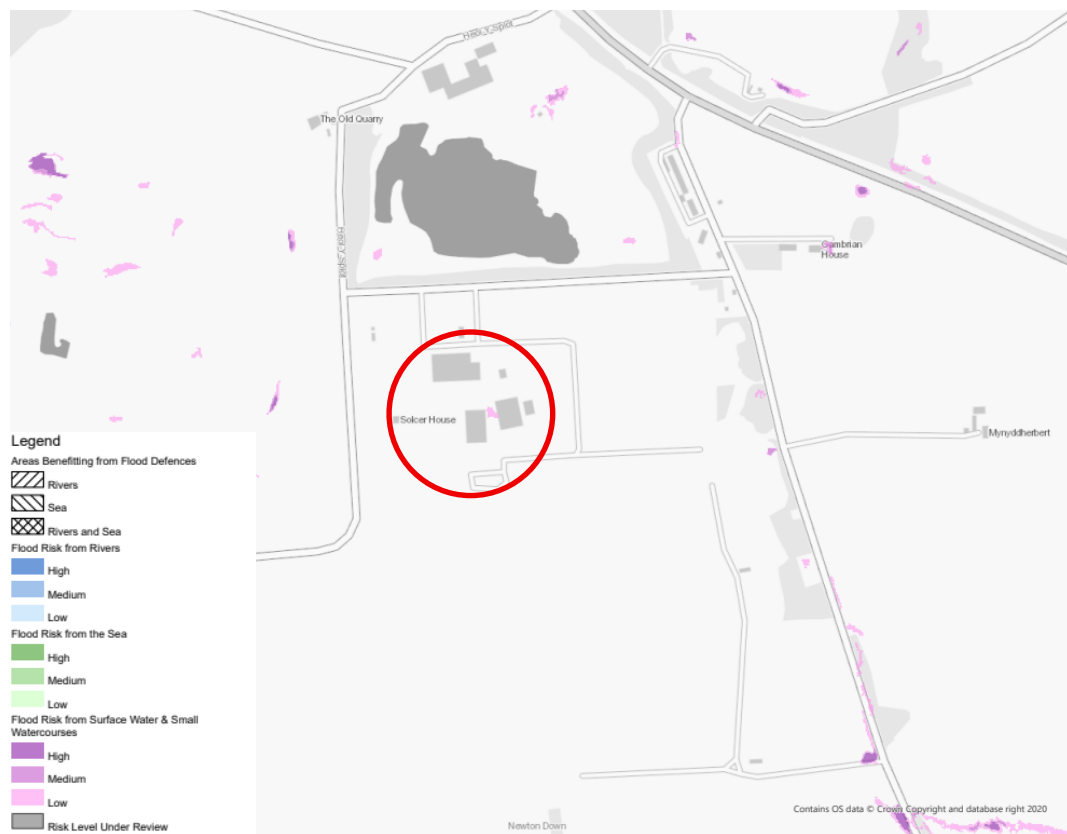
- 2.1.9. According to the Envirocheck Report, the Installation is not located on a Source Protection Zone ("SPZ").

Surface Waters

- 2.1.10. As shown on the NRW's Flood Risk Map⁵, the Installation is not covered by a flood risk category for flooding from rivers or the sea and is therefore deemed to have a very low probability of flooding (defined as having less than 0.1% chance of flooding annually).
- 2.1.11. Similarly, the majority of the Installation is not covered by a flood risk category for surface waters (and is therefore deemed to have a very low probability of flooding). There is a small section of the Installation covered by a low flood risk. The overall risk can be viewed as low.
- 2.1.12. Figure 2 has been provided to reproduce the information displayed in the NRW's flood map for planning mapping service for rivers and the sea and for surface waters. The approximation location of the Installation has been depicted by the red circled outline.

⁵ NRW's Flood Risk maps for Planning, available at: <https://flood-map-for-planning.naturalresources.wales/>, accessed April 2026..

Figure 2: Flood Risk Map Flood Risk Map – Rivers, the Sea and Surface Water



- 2.1.13. There are no Discharge Consents within 1km of the Installation, as detailed within the Envirocheck report (see Appendix III).
- 2.1.14. The nearest major water course is the Afon Fach, a small tributary of the River Kenfig, which located approximately 1.6km north of the Installation boundary.

2.2. Pollution History

Historic and Existing Activities

- 2.2.1. As described in the ASCR, the area in and around the current and proposed permit boundary was formerly an American Air Base (most active during the 1930s) and an RAF base between 1940 and 1945. Later years saw it being used for heavy engineering and more recently a Sunday market site prior to Cenin acquiring the site. Prior to the construction of the airbase, the site is shown as being rough pasture.
- 2.2.2. Historical maps showing the site are provided in the Envirocheck Report (Appendix III).
- 2.2.3. Within the proposed permit extension area the ground was made up of broken concrete and original airbase buildings.

Waste Sites Including Landfill Sites

- 2.2.4. According to the Envirocheck report (see Appendix III), there are no BGS Recorded Landfill Sites within 1km of the Facility. There is one historical landfill site recorded as being <1km to the north of the proposed extension area. A Closed landfill site which accepted household, commercial and industrial waste is located approximately 0.64km to the north east of the proposed extension area. There is a local authority registered landfill site located approximately 0.73km north east of the proposed extension area which accepted non-hazardous, industrial, commercial and asbestos wastes.
- 2.2.5. The Envirocheck report states there are six licensed waste management facilities within 1km of the proposed extension area, permitted by NRW. The closest is located approximately 0.07km from the proposed extension area, according to the coordinates specified in the Envirocheck Report. The licence was issued on the 23rd January 2026 and is for a Waste Electrical and Electronic Equipment ("WEEE") treatment Facility.

Pollution Incidents

- 2.2.6. The Envirocheck report contained in Appendix III does not list any historical pollution incidents within 2km of the proposed extension area.

2.3. On-Site Potential Pollution Impacts

- 2.3.1. As identified from a review of the Envirocheck report data and historic maps, and as is the case for the existing permit area, potential pollution may have occurred in the proposed extension area as a result of the site previously being used as an airbase. Aviation fuel, petroleum, diesel, heating fuel and heavy fuel oil could potentially have been stored at the Installation during this time in above or below ground tanks.

2.4. Off-site Potential Pollution Impacts

- 2.4.1. The Installation is not in an area where there has been historical coal mining and therefore potential pollution impacts from coal mining is not a consideration.
- 2.4.2. There is one active permitted NRW Integrated Pollution Prevention and Control ("IPPC") site within 1km of the proposed extension area. This is for the Parc Stormy Anaerobic digestion facility which is located approximately 0.11km to the east.
- 2.4.3. There is one active permitted Local Authority Pollution Prevention and Control ("PPC") site within 1km of the proposed extension area. This is for the blending, packing and loading of bulk cement at Cornelly Quarry, located approximately 0.9km west of the proposed extension area,
- 2.4.4. Both the NRW and the Local Authority permitted sites identified within 1km of the extension area have Environmental Permits in place which are regulated by either the EA or the Local Authority. As such, the operators have to follow their sector specific process guidance notes, adhere to Best Available Techniques ("BAT") along with having strict emission limits and associated monitoring and reporting requirements.

- 2.4.5. There may be a legacy of ground contamination in the vicinity of the Installation from any uncontrolled pollution arising from the activities associated with former airbase, historical landfill sites and licensed waste management facilities.

2.5. Pollution Prevention Measures

- 2.5.1. The extension area will be used for the storage of dry, bagged-waste and pre-sale products. No water will be used, nor process effluent produced within the extension area (nor the Installation as a whole). There is therefore no source of contamination which could impact the soil, groundwater or surface water from the waste.
- 2.5.2. Notwithstanding the above, the following control measures will be in place:
- all waste will be stored in 2 tonne, sealed bulk bags which are constructed of a tight weave to prevent emissions of small particulates;
 - all waste will be stored within the enclosed building which benefits from impermeable surfacing and is isolated from the drainage network. There is therefore no mechanism for waste to come into contact with rainwater to generate contaminated run off;
 - internal and external areas have impermeable surfacing creating an impervious barrier to prevent downward migration of potential contaminants;
 - internal and external areas are isolated from the drainage network so there is no pathway for contaminated run off to surface water or sewer;
 - the delivery access roadways are constructed of impermeable concrete. Internal delivery areas are also of a concrete construction.
 - storage areas, containers and infrastructure will be inspected as part of daily inspections / housekeeping. Issues identified will be dealt with immediately and records will be logged and kept on site;
 - site vehicles and equipment will be regularly maintained as per the manufacturer's recommendations; and
 - emergency spill kits will be held on site to absorb any spillages and staff will be suitably trained for spill kit deployment.
- 2.5.3. The diesel storage tank will be self-bunded, the volume of the bund comprising 110% of the total tank volume. The diesel storage tank will be located within the storage building on impermeable hardstanding, isolated from the drainage system. This will ensure that in the event of a spillage there is no risk of emissions to land, groundwater or surface waters;
- 2.5.4. The surfacing and drainage arrangements are shown on the Site Layout Plan (drawing reference: CENI.01.01-02) contained in the Drawings provided in Appendix II.

2.6. Site Overview

- 2.6.1. The surfacing within the extension area was being laid with concrete at the time of writing this SCR in preparation for the commencement of operation. The area will therefore benefit from newly laid, undamaged, impermeable surfacing throughout the internal and external areas.

- 2.6.2. The storage building within the extension area has recently been constructed. The building will benefit from the following specification
- new heavy duty concreted floors;
 - apron entrance made up of newly laid concrete;
 - steel frame construction;
 - metal cladded roof and walls;
 - roof mounted solar PV system across the whole roof;
 - 5 x electronically controlled large roller shutter doors;
 - 5 x pedestrian doors; and
 - fire extinguishers on all exist doors
- 2.6.3. No photos of the surfacing or building within the proposed extension area have been included in this SCR as both are currently under construction.

2.7. Requirement for Intrusive Site Investigation

- 2.7.1. It is stated in the ASCR that a preliminary risk assessment of the Installation area has been carried out which ascertained that the site does not appear to contain any residual risk(s) of contamination. As shown from the historically mapping review, the historical land use was the same for the existing permit area and the proposed extension area and therefore the conclusion of the ASCR is considered to be applicable to the extension area.
- 2.7.2. A Stage 3 baseline assessment has been undertaken to cover all new waste types to be accepted under the proposed variation, including those which will be stored and handled within the extension area. The results are provided in Section 4 of this report. The Stage 3 assessment determined that the delivery, storage and handling of the proposed new waste types does not pose an overall significant risk to the soil, surface water or groundwater.
- 2.7.3. The extent and condition of the site infrastructure, the enclosed storage areas and process equipment and bunded diesel storage tanks, the arrangement of the drainage network and the use of appropriate control measures will prevent any contamination from occurring as a result of the proposed activities within the extension area.

3. PERMITTED ACTIVITIES

3.1. Permitted Activities

- 3.1.1. This addendum to the ASCR considers the proposed activities which will be undertaken should NRW be minded to grant the permit variation. These are described in detail in Section 4 of this report, in accordance with the SCR template.
- 3.1.2. The existing permitted and non-permitted activities, site layout and risk assessment (as required by Section 3 of the SCR template) were addressed in the ASCR which was submitted with the original permit application. The ASCR is contained in Appendix I and should be read in conjunction with this application.

4. Changes to the Activity

4.1. Overview

- 4.1.1. This Section has been written in accordance with Section 4, Changes to the Activity, of the SCR template and will address the additional operations and extension to the permit boundary proposed under the permit variation.
- 4.1.2. In summary, the permit variation application is to allow the following proposed changes:
- addition of R codes to the description of activities;
 - addition of a S5.4 Part A(1)(a) activity to include additional waste treatment operations (pre-processing of glass within a hammer mill);
 - addition of a number of waste codes, both hazardous and non hazardous, to be accepted;
 - removal of emission point A2 (diesel generator exhaust); and
 - additional storage and handling method (bulk bags).
- 4.1.3. No changes are proposed to the throughput of the installation.
- 4.1.4. No changes are proposed to the operational hours.
- 4.1.5. No changes are proposed to the waste acceptance and pre-acceptance procedures, waste tracking and recording systems nor raw materials used.

4.2. Changes to the Activity Boundary

- 4.2.1. The permit boundary will be extended to include an additional building for storage of bagged, non-combustible waste and products. There will also be a diesel storage tank located within the storage building. The proposed extension to the permit boundary is shown as the green dotted line on drawing ref CENI.01.01-02 which is provided with the drawings in Appendix II.
- 4.2.2. The storage building is fully enclosed, lockable and benefits from impermeable surfacing which is isolated from the drainage system.
- 4.2.3. The external area within the proposed extension area, including delivery vehicle roadways and offloading areas, is surfaced with impermeable concrete and isolated from the drainage system. There is security fencing around the boundary of the extension area and signage will be put in place.

4.3. Changes to the Permitted Activities

- 4.3.1. Table 2 below shows the existing activities, with proposed changes shown in blue.

Table 2: Existing and Proposed Permitted Activities

Activity Ref	Activity	Description of Activities	Limits of Activities
A1	S5.3 A(1) (a) (vi) Disposal or recovery of hazardous waste in a facility with a capacity exceeding 10 tonnes per day involving recycling or reclamation of inorganic materials other than metals or metal compounds.	R4: Recycling/ reclamation of metals and metal compounds R5: Recycling/ reclamation of inorganic materials other than metal compounds. R7: Recovery of components used for pollution abatement R11: Use of wastes obtained from any of the operations numbered R1 to R10 R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced Producing cement using waste fly ash powders and air pollution control residues from power generation plants burning paper sludge, wood, plastics and other municipal wastes.	From receipt of waste fly ash and other raw materials to storage of post process cement. Waste types are specified in Table S2.1 (of EPR/SP3936TL)
A2	S5.6 A(1) (a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Sections 5.1, 5.2, 5.3.	R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced	Waste types are specified in Table S2.1 (of EPR/SP3936TL)
A3	S5.4 Part A(1)(b) (iii) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 t per day	R4: Recycling/reclamation of metals and metal compounds R5: Recycling/ reclamation of inorganic materials other than metal compounds. R7: Recovery of components used for pollution abatement R11: Use of wastes obtained from any of the operations numbered R1 to R10	From receipt of waste and other raw materials to storage of post process cement.

Table 2 : Existing and Proposed Permitted Activities (Cont.)

Activity Ref	Activity	Description of Activities	Limits of Activities
As above	As above	R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced) Producing cement using non-hazardous waste.	As above

- 4.3.2. There will be no change in the total throughput of the Installation as a result of the proposed variation, which will remain at a maximum of 75,000 tonnes per annum (“tpa”). The maximum daily throughput will be 200 tonnes per day (tpd) of non-hazardous waste and 110 tpd of Hazardous waste
- 4.3.3. No more than 4,400 tonnes of waste in total will be stored at the Installation at any one time. The percentage of hazardous and non-hazardous waste stored at any one time will be variable and dependant on the availability of waste and the products being made.
- 4.3.4. Although additional waste types will be added to the EP under this variation, this will not result in an increase in the throughput of the Installation, but will allow more variability in the waste which can be used to produce the final product.
- 4.3.5. The new waste codes proposed to be accepted (as detailed in Table 3) will be stored in the existing silos and bays, shown on drawing ref CENI.01.01-02, and will continue to benefit from the permitted control measures in place. In addition, there will be 3 new bays installed for non-powdery waste (which could be combustible) located externally to the process building.
- 4.3.6. There are no changes proposed to any of the existing processes undertaken at the Installation. The new waste types proposed to be accepted, as detailed in Table 3, will be handled following the same procedures and will undergo the same processing as the existing waste types. All existing environmental control measures specified within the EP will remain in place and will be applicable to the new waste types received.
- 4.3.7. Under the variation, it is proposed that non-combustible waste may be accepted in sealed 2 tonne bulk bags which would be stored in the new storage building to be located within the proposed extension area. The LoW codes that may be received in bulk bags are shown in Table 3. It should be noted that these waste codes will usually be stored in the silos, but Cenin would like the option of bulk bag storage to allow more flexibility for their suppliers. The locations of the proposed additional storage areas and varied permit boundary are shown on Drawing ref CENI.01.01.

- 4.3.8. There will be an additional waste handling method introduced for those wastes stored in bulk bags within the storage building and for wastes delivered to the Installation in bulk bags. This will involve the use of a debagging machine connected to designated silos with local dust extraction in place to allow the bags to be emptied whilst minimising emissions of dust.
- 4.3.9. In addition to the ongoing existing activities, there will be a new Section 5.4 Activity which will involve treatment of non-hazardous glass waste by crushing in an enclosed hammer mill prior to being blown into a silo from where it will be fed into the existing process.
- 4.3.10. There are no additional point source emissions proposed under the permit variation.
- 4.3.11. There will be no water used nor effluent generated by any of the proposed changes to the permitted activities
- 4.3.12. Full details of the proposed changes to the permitted activities are provided in the Environmental Permitting Technical Requirements ("EPTR") document, ref CENI.01.01 EPTR, included with this permit variation application

Additional Waste Codes

- 4.3.13. It is proposed that the additional List of Waste ("LoW") codes detailed in Table 3 will be accepted under the varied permit.
- 4.3.14. The relevant listed activity and the storage method for each of the proposed additional waste codes are also shown in Table 3.
- 4.3.15. No more than 4,400 tonnes of waste in total will be stored at the Installation at any one time. The percentage of hazardous and non-hazardous waste stored at any one time will be variable and dependant on the availability of waste and the products being made.
- 4.3.16. Full details of the proposed storage and handling techniques and control measures in place are provided in the EPTR included with this permit variation application.

Table 3: Proposed Additional Waste Codes

CODE AND DESCRIPTION	STORAGE LOCATION	ACTIVITY
WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS		
01 03 wastes from physical and chemical processing of metalliferous minerals		
01 03 08 dusty and powdery wastes other than those mentioned in 01 03 07	Sealed silo's (and bulk bags)	A3
01 03 09 red mud from alumina production other than the wastes mentioned in 01 03 10	Storage bays	A3
01 04 wastes from physical and chemical processing of non-metalliferous minerals		
01 04 07* wastes containing hazardous substances from physical and chemical processing of non-metalliferous minerals	Sealed silo's (and bulk bags)	A1, A2
01 04 09 waste sand and clays	Storage bays	A3
01 04 10 dusty and powdery wastes other than those mentioned in 01 04 07	Sealed silo's (and bulk bags)	A3
02 WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING		
02 04 wastes from sugar processing		
02 04 02 off-specification calcium carbonate	Sealed silo's (and bulk bags)	A3
03 WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD		
03 03 Wastes from pulp, paper and cardboard production and processing		
03 03 07 mechanically separated rejects from pulping of waste paper and cardboard	External Storage bays	A3
03 03 09 lime mud waste	Storage bays	A3
03 03 10 fibre rejects, fibre-, filler- and coating-sludges from mechanical separation	External Storage bays	A3
03 03 11 Sludges from on-site effluent treatment other than those mentioned in 03 03 10	External Storage bays	A3
04 WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES		
04 01 Wastes from the leather and fur industries		
04 01 02 liming waste	Storage bays	A3
10 WASTES FROM THERMAL PROCESSES		
10 01 wastes from power stations and other combustion plants (except 19)		
10 01 04* oil fly ash and boiler dust	Sealed silo's (and bulk bags)	A1, A2
10 01 14* bottom ash, slag and boiler dust from co-incineration containing hazardous substances	Sealed silo's (and bulk bags)	A1, A2
10 01 16* fly ash from co-incineration containing hazardous substances	Sealed silo's (and bulk bags)	A1, A2

Table 3: Additional Waste Codes (Cont.)

CODE AND DESCRIPTION	STORAGE LOCATION	ACTIVITY
10 03 wastes from aluminium thermal metallurgy		
10 03 05 waste alumina	External Storage bays	A3
10 03 20 Flue-gas dust other than those mentioned in 10 03 19	Sealed silo's	A3
10 03 30 wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29	External Storage bays	A3
10 05 wastes from zinc thermal metallurgy		
10 05 03* flue-gas dust	Sealed silo's	A1, A2
10 05 04 other particulates and dust	Sealed silo's	A3
10 07 wastes from silver, gold and platinum thermal metallurgy		
10 07 04 other particulates and dust	Sealed silo's	A3
10 08 wastes from other non-ferrous thermal metallurgy		
10 08 04 particulates and dust	Sealed silo's	A3
10 09 wastes from casting of ferrous pieces		
10 09 03 furnace slag	External Storage bays	A3
10 09 06 casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05	External Storage bays	A3
10 09 08* flue-gas dust containing hazardous substances	Sealed silo's	A1, A2
10 09 12 other particulates other than those mentioned in 10 09 11	Sealed silo's	A3
10 10 wastes from casting of non-ferrous pieces		
10 10 09* flue-gas dust containing hazardous substances	Sealed silo's	A1, A2
10 10 11* other particulates containing hazardous substances	Sealed silo's	A1, A2
10 10 12 other particulates other than those mentioned in 10 10 11	Sealed silo's	A3
10 11 wastes from manufacture of glass and glass products		
10 11 12 waste glass other than those mentioned in 10 11 11	Storage bays	A3
10 11 15* solid wastes from flue-gas treatment containing hazardous substances	Storage bays	A1, A2
10 12 wastes from manufacture of ceramic goods, bricks, tiles and construction products		
10 12 03 particulates and dust	Sealed silo's (and bulk bags)	A3

Table 3: Additional Waste Codes (Cont.)

CODE AND DESCRIPTION	STORAGE LOCATION	ACTIVITY
10 13 wastes from manufacture of cement, lime and plaster and articles and products made from them		
10 13 04 wastes from calcination and hydration of lime	Sealed silo's (and bulk bags)	A3
10 13 06 particulates and dust (except 10 13 12 and 10 13 13)	Sealed silo's (and bulk bags)	A3
10 13 11 wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10	Sealed silo's (and bulk bags)	A3
10 13 12* solid wastes from gas treatment containing hazardous substances	Storage bays	A1, A2
WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDROMETALLURGY		
11 02 Wastes from non-ferrous hydrometallurgical processes		
11 02 03 Wastes from the production of anodes for aqueous electrolytical processes	Storage bays	A3
12 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS		
12 01 wastes from shaping and physical and mechanical surface treatment of metals and plastics		
12 01 04 non-ferrous metal dust and particles	External Storage bays	A3
16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST		
16 01 end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)		
16 01 20 glass	Internal Storage bays	A3
17 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)		
17 02 wood, glass and plastic		
17 02 02 glass	Internal Storage bays	A3
17 08 gypsum-based construction material		
17 08 01* gypsum-based construction materials contaminated with hazardous substances	External Storage bays	A1, A2
17 08 02* gypsum-based construction materials other than those mentioned in 17 08 01	External Storage bays	A3

Table 3: Additional Waste Codes (Cont.)

CODE AND DESCRIPTION	STORAGE LOCATION	ACTIVITY
19 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION		
19 01 wastes from incineration or pyrolysis of waste		
19 01 02 ferrous materials removed from bottom ash	Storage bays	A3
19 01 11* bottom ash and slag containing hazardous substances	Storage bays	A1, A2
19 01 12 bottom ash and slag other than those mentioned in 19 01 11	Storage bays	A3
19 02 wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)		
19 02 05* sludges from physico/chemical treatment containing hazardous substances	Storage bays	A1, A2
19 04 vitrified waste and wastes from vitrification		
19 04 02 fly ash and other flue-gas treatment wastes	Sealed silo's (and bulk bags)	A3
19 12 wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified		
19 12 02 ferrous metal	External Storage bays	A3
19 12 05 glass	Internal Storage bays	A3
20 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS		
20 01 separately collected fractions (except 15 01)		
20 01 02 glass	Internal Storage bays	A3
20 01 40 metals	External Storage bays	A3

4.4. Dangerous Substances Not Identified in the Application Site Condition Report

Baseline Risk Assessment- Overview

- 4.4.1. Directive 2010/75/EU on industrial emissions (May 2014), known as the Industrial Emissions Directive (“IED”) requires an assessment to be carried out for all hazardous substances used, produced, or released within an Installation. Stages 1-3 must be completed to assess the risk. The stages are as follows:
- Stage 1 – identify hazardous substances on site;
 - Stage 2 – identify relevant hazardous substances (“RHS”);
 - Stage 3 – assessment of site-specific pollution possibility.
- 4.4.2. Hazardous substances are defined as substances or mixtures defined in Article 3 of European Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on Classification, Labelling, and Packaging of substances and mixtures
- 4.4.3. With regards to the IED, RHS can be defined as those substances or mixture defined within Article 3 of Regulation (EC) No 1272/2008, which, due to their hazardousness, persistence, mobility, biodegradability, and other characteristics, have the potential to contaminate soil or groundwater and are used, produced, and/or released by the Installation.
- 4.4.4. All RHS would be capable of contaminating soil and/or groundwater if there were no mitigation measures implemented, or if there was a contaminant pathway present as the Installation.
- 4.4.5. It is difficult to determine whether each of the proposed new LoW codes to be accepted would be defined as a RHS, due to the variability allowed within the definition of each waste code. Although the majority of the LoW codes will not comprise RHS, to ensure the assessment of site-specific pollution possibility from the proposed new LoW codes considers the worst case scenario, a Stage 3 assessment has been undertaken to include all new LoW codes. This will provide a conservative assessment of the risk to groundwater, surface water and soils from the new LoW codes.

Stage 3 Baseline Risk Assessment

- 4.4.6. The different LoW codes are considered in reference to the Installation to establish whether their release may provide a pollution risk, taking particular account of how and where they are stored, how they are delivered to the Installation and the associated handling methods. The assessment has been grouped by storage and handling methods as follows (see Table 3 for the associated waste types by LoW code):
- wastes stored in silos;
 - wastes stored in bulk bags;
 - wastes stored in external bays;
 - wastes stored in internal bays
- 4.4.7. The risk from the processing of the waste materials has not been considered further, as the new LoW codes will be fed directly into the existing processes and will benefit from the permitted control measures in place.

- 4.4.8. Emissions may occur under the following circumstances:
- planned emissions,
 - accidents and/or incidents, and
 - routine operations.
- 4.4.9. The planned point source emission to air is particulates through emission point A1. There are no planned point source emissions to water.
- 4.4.10. As there are no planned emissions to land, surface water or groundwater, these would be limited to accidents or incidents.
- 4.4.11. The overall pollution risk when considering the on-site pollution prevention measures is provided in Table 4 below.

Table 4: Pollution Risk from Proposed New LoW Codes

LoW Codes	Receptors	Pathway	Pollution Prevention and Risk Mitigation	Circumstances under which emissions may occur	Probability of Exposure	Overall Risk	
Storage and Handling of Bagged Waste							
01 03 08	Ground, soil and surface waters	Overland flow/via drainage network	These wastes are dry and will be stored under cover in sealed bulk bags. They will be transferred to the existing sealed silos using a designated debagging machine. All delivery and storage areas have impermeable surfacing and are isolated from the drainage system.	Delivery to Site	Very Low. The wastes are dry and do not pose a risk to groundwater, surface water or land	Not Significant	
01 04 07*				Storage			
01 04 10				Transfer from storage area to silos			
02 04 02							
10 01 04*							
10 01 14*							
10 01 16*							
10 12 03							
10 13 04							
10 13 06							
10 13 11							
19 04 02							
			All mobile plant and equipment will be subject to regular maintenance and servicing. This will ensure all plant is in good working order to reduce the likelihood of fuel leakage.				
			Any fuel spillages will be subject to the robust emergency response procedures. This will prevent any potentially polluting materials from entering the drainage network.				
			All relevant employees shall be suitably trained in spill response and spill kits are strategically located around the Facility with the contents regularly inspected and maintained.				

Table 4: Pollution Risk from Proposed New LoW Codes

LoW Codes	Receptors	Pathway	Pollution Prevention and Risk Mitigation	Circumstances under which emissions may occur	Probability of Exposure	Overall Risk
Storage and Handling of Waste delivered to and stored in Silos						
01 03 08	Ground, soil and surface waters	Overland flow/via drainage network	These wastes are dry and will be stored in sealed silos. The wastes are delivered by powder tanker directly into the silos via sealed hoses. Each silo is fitted with a reverse air jet filter system to prevent dust emissions. All roadways, delivery and storage areas have impermeable surfacing and are isolated from the drainage system.	Delivery to Site	Very Low. The wastes are dry and do not pose a risk to groundwater, surface water or land	Not Significant
01 04 07*				Storage		
01 04 10						
02 04 02						
10 01 04*						
10 01 14*						
10 01 16*						
10 03 20			Daily and weekly checks are in place under the EMS designed to identify any damage to the silos or surfacing.			
10 05 03*						
10 05 04						
10 07 04			All mobile plant and equipment will be subject to regular maintenance and servicing. This will ensure all plant is in good working order to reduce the likelihood of fuel leakage.			
10 08 04						
10 09 08*						
10 09 12						
10 10 09*			Any fuel spillages will be subject to the robust emergency response procedures. This will prevent any potentially polluting materials from entering the drainage network.			
10 10 11*						
10 10 12						
10 12 03						
10 13 04			All relevant employees shall be suitably trained in spill response and spill kits are strategically located around the Facility with the contents regularly inspected and maintained.			
10 13 06						
10 13 11						
19 04 02						

Table 4: Pollution Risk from Proposed New LoW Codes (Cont.)

LoW Codes	Receptors	Pathway	Pollution Prevention and Risk Mitigation	Circumstances under which emissions may occur	Probability of Exposure	Overall Risk
Storage and Handling of Glass Waste delivered to and stored in Internal Processing Building and other wastes stored internally						
Glass Waste 16 01 20 17 02 02 19 12 05 20 01 02	Ground, soil and surface waters	Overland flow/via drainage network	The glass waste, which will be processed in the hammer mill, will be stored within the process building, within one of the existing bays. The glass will be tipped directly into the bay by the delivery vehicle. The glass waste will be fed into the hammer mill using a telehandler. All storage and processing of the glass waste will be enclosed within the process building which benefits from impermeable hardstanding and is isolated from the drainage system.	Delivery to Site	Very Low. The wastes are dry and do not pose a risk to groundwater, surface water or land	Not Significant
				Storage		
				Pre-processing in hammer mill		
Other Waste Stored Internally 01 03 09 01 04 09 03 03 09 04 01 02 10 11 12 10 11 15* 10 13 12* 11 02 03 16 01 20 17 02 02 19 01 02 19 01 11* 19 01 12 19 02 05* 19 12 05 20 01 02			The waste glass storage bays and hammer mill will be subject to the same housekeeping and daily and weekly checks as in place for the existing permitted areas under the EMS designed to identify any damage or leaks.			
			The hammer mill will be added to the PPMR to ensure it is maintained in accordance with the manufacturers recommendations to ensure efficient operation thus minimising emissions.			
			Any fuel spillages will be subject to the robust emergency response procedures. This will prevent any potentially polluting materials from entering the drainage network.			
			All relevant employees shall be suitably trained in spill response and spill kits are strategically located around the Facility with the contents regularly inspected and maintained.			

Table 4: Pollution Risk from Proposed New LoW Codes (Cont.)

LoW Codes	Receptors	Pathway	Pollution Prevention and Risk Mitigation	Circumstances under which emissions may occur	Probability of Exposure	Overall Risk
Storage of non dusty waste in external bays						
03 03 07 03 03 10 03 03 11 12 01 04 19 12 02 20 01 40 10 03 05 10 03 30 10 09 03 10 09 06 17 08 01* 17 08 02*	Ground, soil and surface waters	Overland flow/via drainage network	The waste storage bays are located on impermeable surfacing with sealed drainage. The waste storage bays are used only for non-dusty waste types with limited leaching potential. The rigorous waste acceptance procedures in place ensure that no inappropriate waste will be deposited in the external bays. There is a drainage channel located around the external storage bays which collects any rainwater runoff. The drainage channel runs into a culverted drain which culminates in an IBC in which the run off is collected. The water is removed from site via tanker to a suitable licensed facility. Waste is moved from the bays into the mill feed bin using a front loaded excavator. The external storage areas will be subject to the same housekeeping and daily and weekly checks as in place for the existing permitted areas under the EMS to check integrity. Any fuel spillages from mobile plant will be subject to the robust emergency response procedures. This will prevent any potentially polluting materials from entering the drainage network. All relevant employees shall be suitably trained in spill response and spill kits are strategically located around the Facility with the contents regularly inspected and maintained	Delivery to Site Storage	Very low with appropriate control measures in place and due to the very small quantities used and kept on-site at any given time	Not Significant

- 4.4.12. Following completion of the Stage 3 baseline assessment, it has been determined that the additional LoW codes proposed to be stored and processed under the permit variation will not pose an overall significant risk.
- 4.4.13. The extent and condition of the site infrastructure, the enclosed equipment and banded storage tanks, the arrangement of the drainage network and the use of appropriate control measures will prevent any contamination from occurring as a result of the proposed activities.

APPENDIX I

APPLICATION SITE CONDITION REPORT

2010



CEN/SCR/2010/01

[SITE CONDITION REPORT]

This report looks at the site history and the current condition of the site in support of the IPPC application.

Site Condition Report

Re: Cement Replacement Plant at Stormy Down

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1 Summary

This document represents a Site Condition Report (SCR) on behalf of Cenin Ltd to manufacture a cement replacement product at Stormy Down Airfield, Nr Bridgend, S. Wales. The site has an existing EPR permit.

Enquiries/searches to Bridgend County Borough Council (BCBC) and the Environment Agency have been made on the history of the site to determine its condition/suitability and to identify any substances in, on or under the land that may constitute a pollution risk to both land and water.

The outcome of the provisional site assessment is that there are no apparent issues of site contamination at Stormy Down.

This report has been written in accordance with the Environment Agency's H5 Guidance.

2.0 Introduction

2.1 Site location

The proposed site is located on a disused airfield (Grid Ref: SS 28417 17998) between quarries, Cornelly Quarry – to the west and Stormy Down and Stormy West quarries - located to the east, Cornelly quarry is the largest limestone operation in Wales – supplying the nearby Steelworks at Port Talbot.

2.2 Site details (Present)

The site currently consists of a large clad building housing the mill, silo's and associated equipment with an impermeable concrete floor within; plus, surrounding similar concrete hard-standing outside. Appendix 1



Photo 2.2 Cenin buildings housing manufacturing facility

2.3 Site details (past)

As mentioned, the site was formerly an American Air Base (most active during the 1930s) and an RAF base between 1940 and 1945. Later years saw it being used for heavy engineering and more recently a Sunday market site prior to Cenin acquiring the site. – see Figs 1 & 2 below:



Fig. 1 1938 Map of the Stormy Down Site



Fig 2 Historical Aerial View of Stormy Down Airfield

3.0 Site Setting (including sources of desk study information)

3.1 Existing Conditions

Much of the following information can be cross-referenced with an extensive Periodic IDO (interim Development Order) Review carried out on Cornelly and Grove Quarries – WYG Ref: A057854 (September 2009). This document contains information on the landscape, geology, hydrology/hydrogeology, ecology and cultural heritage of the area:

3.2 Landscape

The Stormy site adjoins the eastern portion of Mount Pleasant Road; from here the land falls northwards towards the M4 motorway before rising again to Cefn Cribwr and Kenfig Hill. In general, the surrounding area is largely flat with occasional planting of trees (associated with reclamation operations at the quarries)

3.3 Local Geology

Cornelly and Grove Quarries (lying to the west of the proposed site) lie within the lower Carboniferous sequence and exploit 'Stormy Limestone' and the underlying 'Cornelly Oolite' of the 'Hunts Bay Group'.

The Stormy limestone comprises a pale to dark grey interbedded oncolytic, bioclastic, Oolite and porcelaneous limestone. The Cornelly Oolite is light to mid-grey, fine to medium grained, Oolitic and massive.

3.4 Hydrology

The location of the site is situated on an elevated area of land (approximately 100mAOD) south east of junction 37 of the M4 (Pyle) and immediately to the south and east of the village of South Cornelly. To the west and south west of this area, the ground falls steeply to an area where low rolling ground slopes gently to the sea. There are two large dune fields to the northwest (Kenfig) and south (Merthyr Mawr) of this upstanding block of limestone.

The northern end of the upstanding block of limestone is cut by the M4. To the north of this the ground falls steeply to the valley of the Afon Fach which runs through the town of Pyle and joins the Afon Cynffig to the west. The high ground extends eastward through Laleston towards Bridgend where it is cut by the valley of the Ogmore River.

3.4.1 Kenfig and Merthyr Mawr Dune Fields

The dune fields at Kenfig and Merthyr Mawr are classified as SSSIs on account of their rare dune habitats and species. The combined dune field system has been defined as a candidate Special Area of Conservation (cSAC) under the Habitats Directive.

3.4.2 Water Features

Detailed water feature surveys are presented in the Environmental Survey accompanying the IDO quoted above. This includes Kenfig Pool, plus the dune slacks both at Kenfig and Merthyr Mawr.

3.4.3 Rivers and streams

The proposed site lies between the east-west flowing rivers Kenfig (Afon Cynnfig) and Ogmore. The Afon Fach, a small tributary of the Kenfig, drains the industrial estates to the North of the M4 and the railway.

3.4.4. Springs

The largest spring in the general area is Schwyll Spring near Ogmore – which is an important reserve Public Water Supply for Bridgend. The catchment for the Schwyll Spring is believed to be largely to the east.

3.4.5 Other water features

There are several ponds in the area; some of these appear to be perched and some are ephemeral. A meander of the River Kenfig has been cut off by the railway line to form a pond referred to as Castle Moat.

3.4.5 Geological implications on Hydrology

Palaeokarst – during the period of sub-aerial exposure prior to the deposition of the overlying Triassic strata, the Carboniferous Limestone was sub-aerially exposed and extensive karst networks developed in the formation. A review of the palaeokarst features in the adjoining quarries (BGS 2000) indicate that it is unlikely that there are any active Karst features at depth below the general area of the site.

3.5 Human Activities

3.5.1 Land use

On the top of the limestone block around the site and quarries, the land is primarily used for mixed arable farming and grazing. The main urban areas are Pyle (to the north of the M4) and Porthcawl. The low lying land along the coast mainly comprises dune sand systems and golf courses.

3.5.2 Quarries

Cornelly Quarry (adjoining the proposed composting site – see Fig. 2.3) is the largest limestone quarry in Wales – providing over 1 million tonnes of limestone per year - mainly for the steel mill at Port Talbot. The quarry is dewatered by pumping water to a settlement lagoon and then to Grove or Pant Mawr quarries.

Grove and Gaens Quarries – to the west of Cornelly Quarry, are not currently being actively dewatered.

Dewatering

Cornelly Quarry is dewatered by pumping from a sump in the quarry floor. This lifts water to a settlement lagoon which is also used to re-circulate water used in processing stone on site.

3.5.3 Landfills

Two former municipal landfills are located in old quarries to the east and south of the site (Stormy West and Tythegston Landfills respectively).

Stormy West landfill is owned by Wimpey Waste Management Ltd. Landfilling commenced in 1985; however, in the late 1990s the landfill was subsequently closed and capped. Stormy West landfill has an estimated volume of 794,000m³; moreover, it has been filled to a depth of approximately 25m with a base of filling at around 75m AOD. The landfill is unlined and is designed to act as a dilute and disperse site. Waste

in the site is 85% municipal (domestic) solid waste; with the remainder being non-hazardous industrial and demolition waste.

Tythegston Landfill is owned by Davies Brothers Ltd. Filling of the landfill commenced in 1968 - comprising domestic; commercial construction and non-hazardous industrial waste; paper mill pulp wastes and asbestos. Planning permission was subsequently amended to include the disposal of reject tyres.

The landfill was closed in the late 1990s and subsequently capped. Leachate compositions are monitored routinely from a sampling borehole completed in the landfill (Tusca borehole). A list of groundwater constituents in surrounding boreholes has also been provided by Davies Brothers Ltd (Initial, 2001).

3.5.4 Other operations/operators

Nolan Recycling Ltd., the Old Quarry [licence No: 34205 (actual NOL003)] currently operates a waste transfer station (up to 25,000 tonnes) at Stormy Down.

Marchant Stephens, the Old Quarry [Licence No: 34231] operates an Auto Salvage Company (up to 2,500 tonnes) at Stormy Down.

3.6 Archeology

Cadw have a responsibility to record, manage, improve and advise on development proposals likely to affect all scheduled ancient monuments within Wales. Cadw have confirmed that there are now no monuments in the vicinity of the proposed facility; with wartime construction of the airfield having destroyed practically all the archeological features on which the scheduling was founded.

4 Site Description

The site currently consists of a large hangar housing the processing and manufacturing equipment – see Photo 2.2 (section 2.2 above) - with an impermeable concrete floor within; plus, surrounding similar concrete hard-standing outside. The Cenin facility is outlined in red in Appendix 2

5.0 Site Assessment and Pollution Control

5.1 Contaminated land

Overall, the proposed site lies both on and within an area that appears to be well maintained and free from any obvious contamination/obstructions. Nonetheless, given the previous use of the site and the potential for contamination by substances such as various hydrocarbons (specialist fuels) further enquiries have been made to the local authority – BCBC [now the regulator of contaminated land within the area - under the Environmental Protection Act 1990 (Part 2A)] to ascertain whether there is any history of

contamination at the Stormy Down site – none has been found/recorded. Similarly, the Environment Agency's Public Register has provided no results for the immediate site.

5.2 Planning

With reference to section 3.5.4 (above) and commercial development within the Stormy Down area, no issues of land contamination have been raised by Planning over the last 15 to 20 years. The whole Stormy Down area is currently zoned by Planning for future development (quarrying) – commencing no sooner than 2034.

5.3 Pollutants

The Environment Agency R&D Technical Report P5-042/TR/05 identifies a wide range of potential contaminants at airfields. Aviation fuel, petroleum, diesel, heating fuel and heavy fuel oil are likely to have been stored at many sites, in above or below ground tanks. Historically, the former tended to be poorly bunded and leakage from the latter could easily go undetected for long periods.

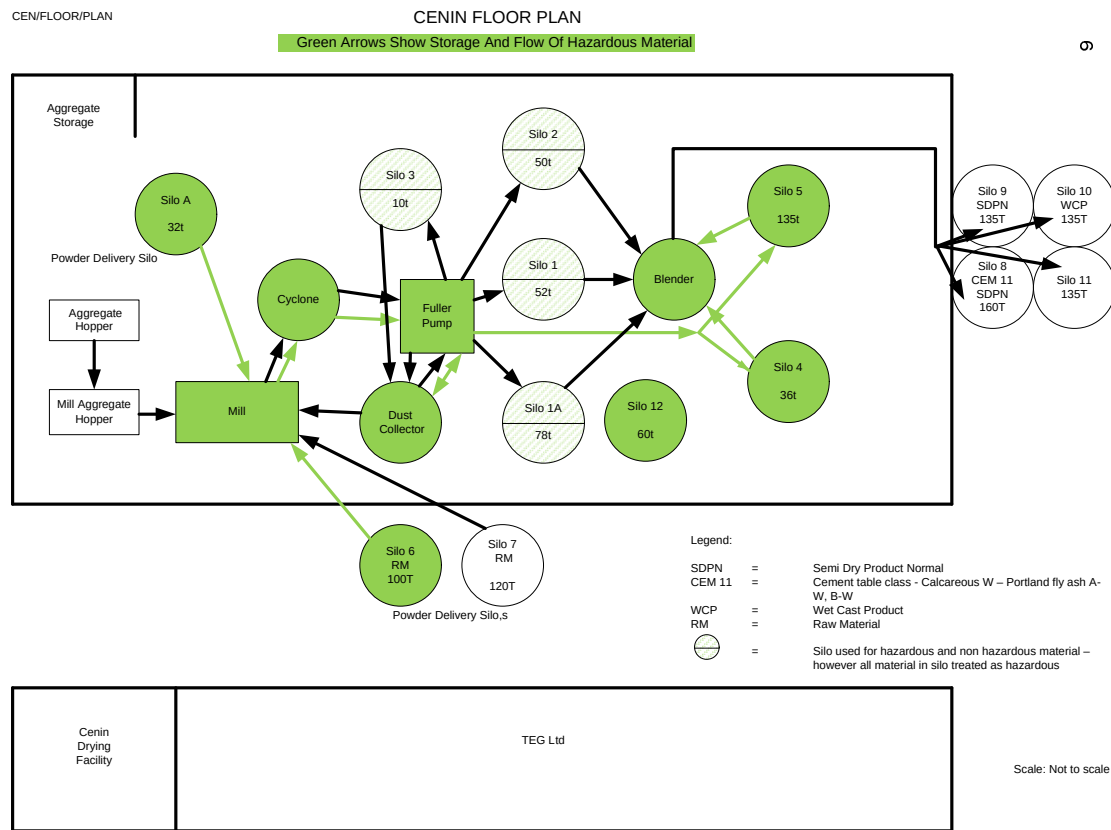
5.4 Preventative Measures

5.4.1 Impermeable surfaces

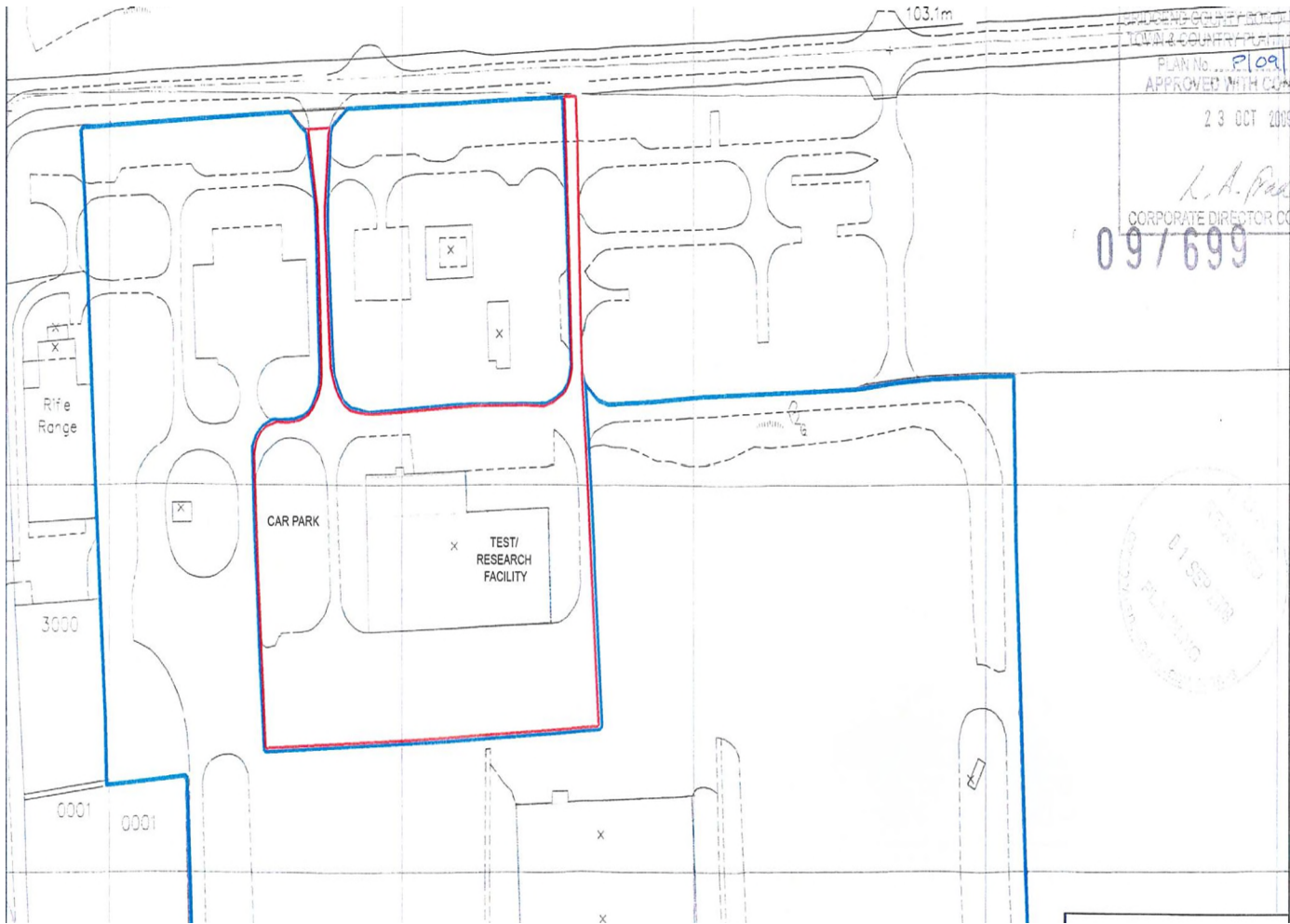
Large areas of impermeable concrete hard-standing are included in the infrastructure of the site

5.4.2 Risk assessments

A Preliminary Risk Assessment of the site has been carried out and ascertained that the site does not appear to contain any residual risk(s) of contamination

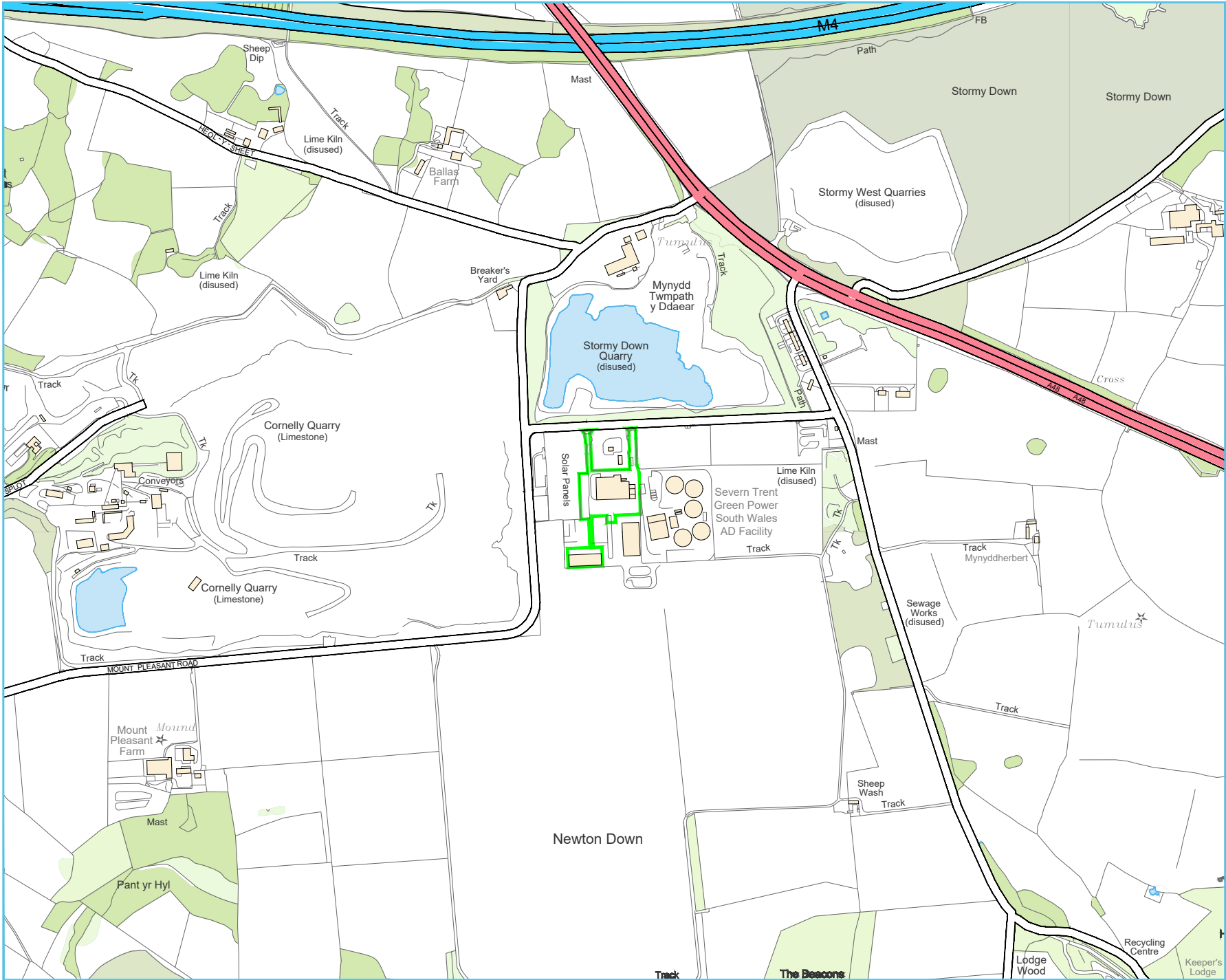


Appendix 1. Floor plan of Cenin facility



Appendix 2 Plan showing Cenin replacement cement facility outlined in red

APPENDIX II DRAWINGS



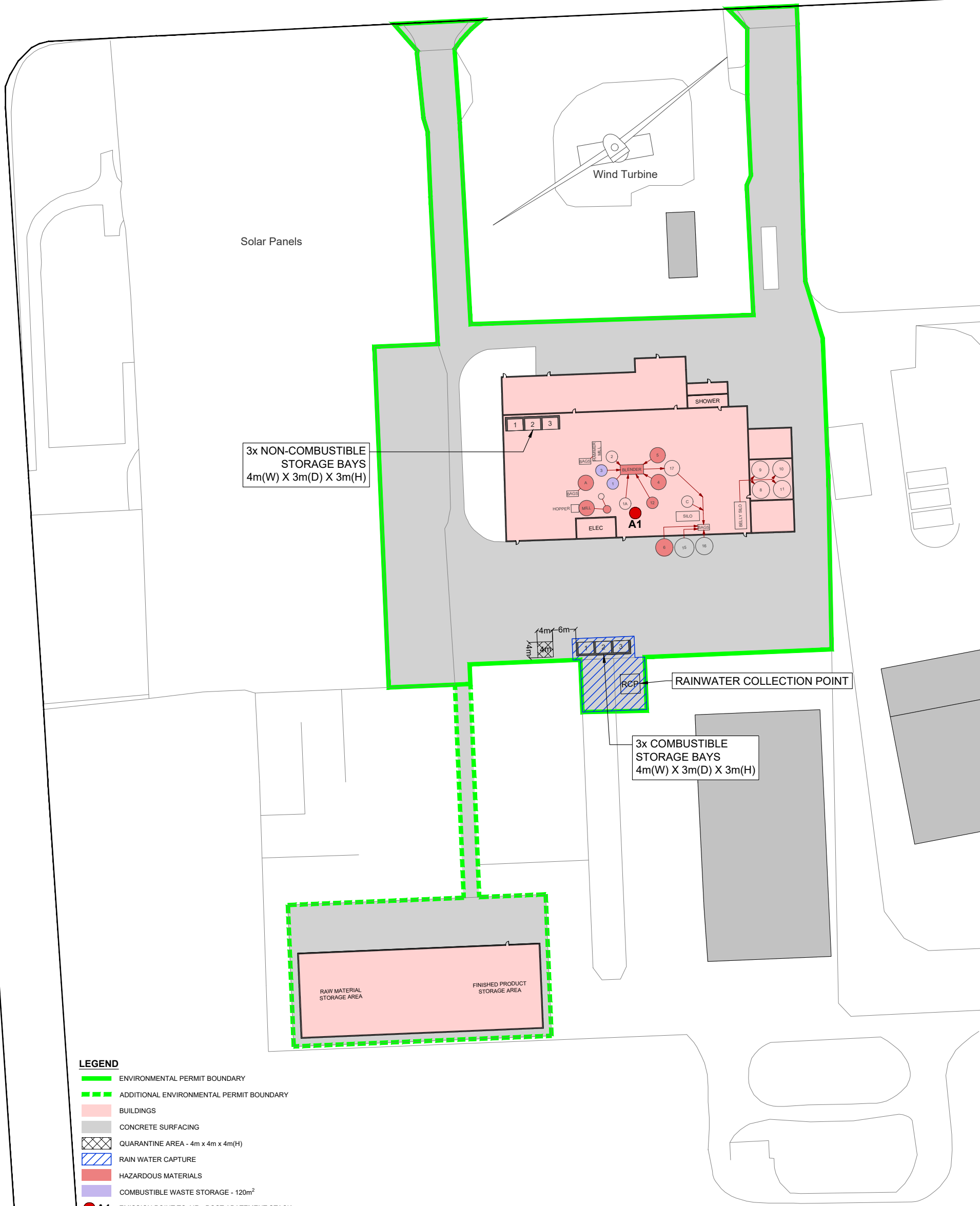
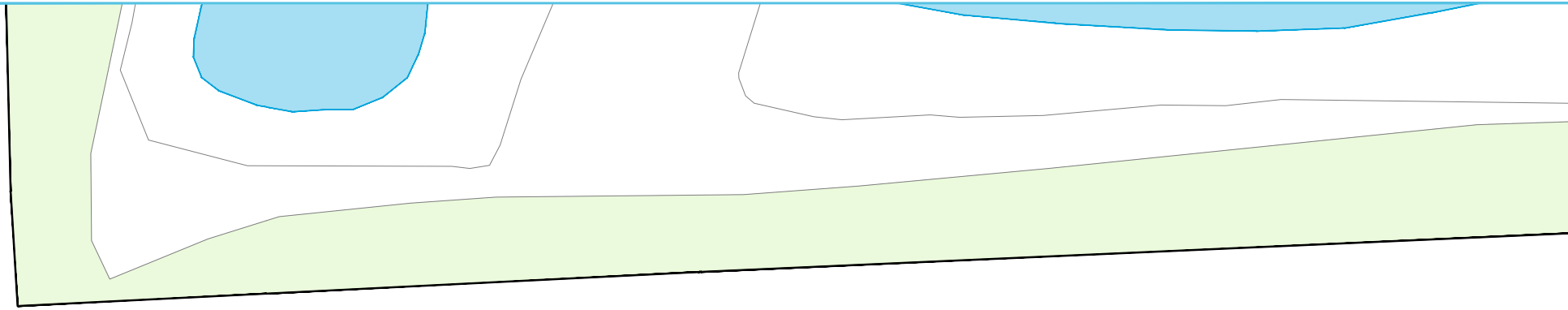
Ordnance Survey © Crown Copyright 2026. All rights reserved. Licence number 100022432

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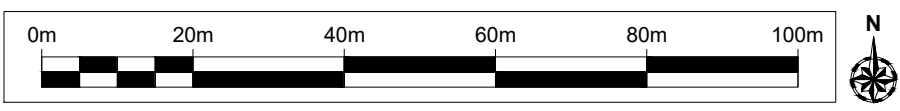
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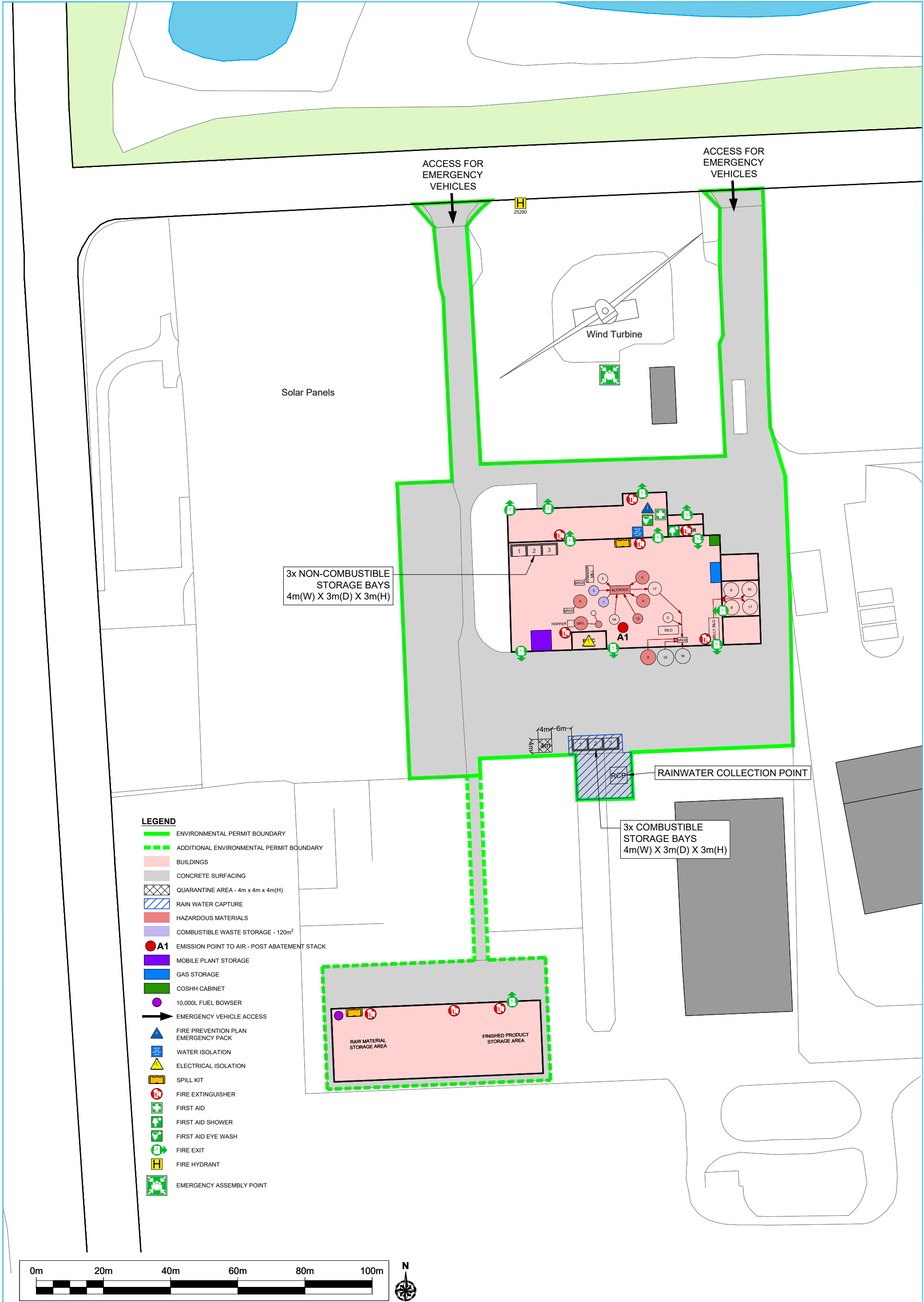
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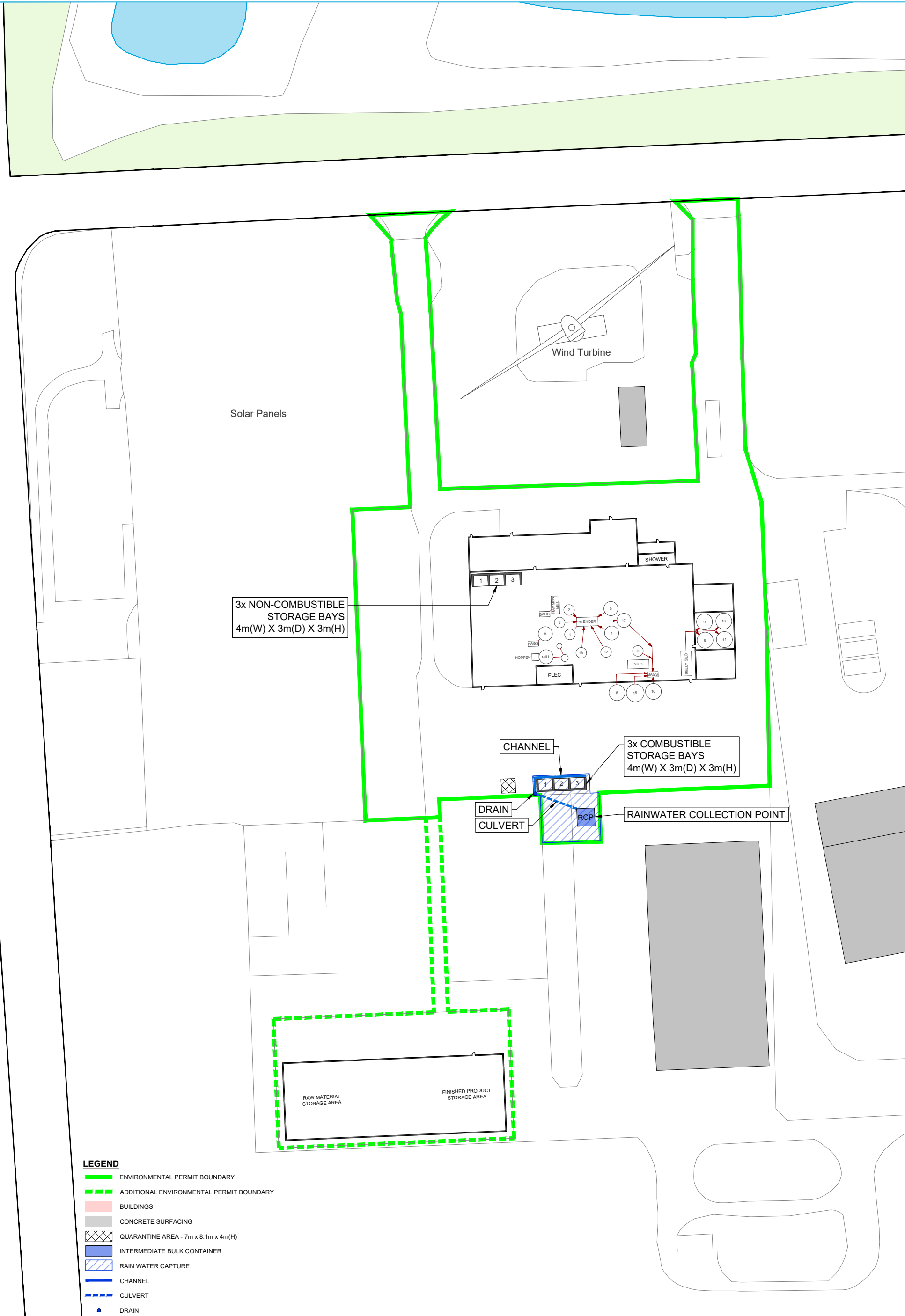
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Client CENIN				
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Drawing Title SITE LOCATION PLAN				
Drawing Number CENI.01.01-01				Rev -



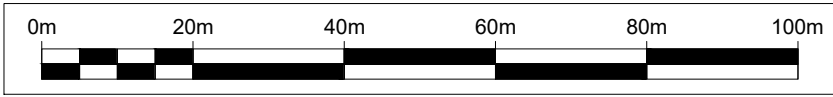
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- ENVIRONMENTAL PERMIT BOUNDARY
 - ADDITIONAL ENVIRONMENTAL PERMIT BOUNDARY
 - BUILDINGS
 - CONCRETE SURFACING
 - QUARANTINE AREA - 4m x 4m x 4m(H)
 - RAIN WATER CAPTURE
 - HAZARDOUS MATERIALS
 - COMBUSTIBLE WASTE STORAGE - 120m²
 - A1** EMISSION POINT TO AIR - POST ABATEMENT STACK







- LEGEND**
- ENVIRONMENTAL PERMIT BOUNDARY
 - ADDITIONAL ENVIRONMENTAL PERMIT BOUNDARY
 - BUILDINGS
 - CONCRETE SURFACING
 - QUARANTINE AREA - 7m x 8.1m x 4m(H)
 - INTERMEDIATE BULK CONTAINER
 - RAIN WATER CAPTURE
 - CHANNEL
 - CULVERT
 - DRAIN



APPENDIX III ENVIROCHECK REPORT

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

404923475_1_1

Customer Reference:

CENI.01.01

National Grid Reference:

284110, 180070

Slice:

A

Site Area (Ha):

0.89

Search Buffer (m):

1000

Site Details:

Cenin Renewables, Solcer House

Stormy Down

Pyle

Bridgend

CF33 4RS

Client Details:

Mr S Burley

Environmental Compliance Ltd

Unit G1

Main Avenue

Trefforest Industrial Estate

Pontypridd

CF37 5YL

Prepared For:

CV472RX

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	10
Hazardous Substances	17
Geological	18
Industrial Land Use	28
Sensitive Land Use	34
Data Currency	35
Data Suppliers	41
Useful Contacts	42

Introduction

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

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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England. The probability result is only valid for properties above ground. All basement and cellar areas are considered to be at additional risk from high radon levels. If an underground room such as a cellar or basement makes up part of the living or working accommodation, the property should be tested regardless of Radon Affected Area status.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2	1			4
Prosecutions					
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 3			1	
Integrated Pollution Prevention And Control	pg 3	2	1		
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 4	1			2
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4		Yes		
Pollution Incidents to Controlled Waters					
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register					
Water Abstractions	pg 4				4 (*9)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 8	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS NGD Water Network Links					
Water Framework Directive - Catchment	pg 8				Yes
Water Framework Directive - Groundwater	pg 9	Yes			Yes
Water Framework Directive - Surface Waters					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 10		1		
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 10			1	
Licensed Waste Management Facilities (Locations)	pg 10		4	5	3
Local Authority Landfill Coverage	pg 13	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 13				1
Potentially Infilled Land (Non-Water)	pg 13		1	2	5
Potentially Infilled Land (Water)	pg 13				1
Registered Landfill Sites	pg 13		1		2
Registered Waste Transfer Sites	pg 15			2	
Registered Waste Treatment or Disposal Sites					
Waste Exemption Permits	pg 15	1	1	1	2
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 17	1			
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 18	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 18	Yes		Yes	Yes
BGS Recorded Mineral Sites	pg 20		3	6	6
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
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	pg 23				1
Natural Cavities	pg 23		17		3
Non Coal Mining Areas of Great Britain	pg 26	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 26	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 26	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 27	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards				n/a	n/a
Radon Potential - Radon Affected Areas	pg 27	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 27	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 28	1	2	5	
Fuel Station Entries					
Points of Interest - Commercial Services	pg 28			7	
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 29		7	3	20
Points of Interest - Public Infrastructure	pg 31			2	2
Points of Interest - Recreational and Environmental					
Pollution Inventory	pg 32	2	2		
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 34				6
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 34			1	
Ramsar Sites					
Sites of Special Scientific Interest	pg 34				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: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	0	1	284107 180000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	0	1	284107 180072
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (N)	55	1	284107 180250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (NE)	69	1	284200 180250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (N)	79	1	284100 180250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (W)	139	1	283900 180000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (W)	139	1	283900 180072
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (SW)	141	1	283900 179950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (NE)	153	1	284300 180250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (NE)	177	1	284300 180300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (NE)	180	1	284250 180350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (NE)	225	1	284250 180400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (NW)	254	1	283900 180300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (NW)	327	1	283800 180300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SW)	346	1	283700 179900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (W)	395	1	283650 179900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (NW)	411	1	283700 180300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (W)	444	1	283600 179900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Water Supply Grid Location: Stormy Down E.Tank C/O Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0201201 Permit Version: 1 Effective Date: 2nd October 1989 Issued Date: 2nd October 1989 Revocation Date: 16th March 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: To Land Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13SW (N)	0	2	284100 180100
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Stormy Down Sewage Treatment Works, Pyle, Bridgend, Cf32 0np Authority: Natural Resources Wales Catchment Area: Afon Kenfig Reference: Bb4018701 Permit Version: 1 Effective Date: 13th May 1976 Issued Date: 13th May 1976 Revocation Date: 16th June 1988 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Not Supplied Environment: Receiving Water: Into Land Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	537	2	283700 180500
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works Location: Stormy Down Sewage Treatment Works, Pyle, Bridgend, Cf32 0np Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bb4018701 Permit Version: Not Supplied Effective Date: 14th July 2020 Issued Date: 14th July 2020 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Into Land Environment: Receiving Water: Groundwater Via Infiltration System Status: Effective Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	587	2	284670 179750
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works Location: Stormy Down Sewage Treatment Works, Pyle, Bridgend, Cf32 0np Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: BB4018701 Permit Version: 2 Effective Date: 28th June 1988 Issued Date: 27th June 1988 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Into Land Environment: Receiving Water: Into Land Status: Effective Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	587	2	284670 179750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works Location: Stormy Down Sewage Treatment Works, Pyle, Bridgend, Cf32 0np Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bb4018701 Permit Version: 2 Effective Date: 28th June 1988 Issued Date: 27th June 1988 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Into Land Environment: Receiving Water: Groundwater Via Infiltration System Status: Effective Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	587	2	284670 179750
4	Integrated Pollution Controls Name: R And J Ltd Location: Unit One, Former Aerodrome, Stormy Down, BRIDGEND, Mid Glamorgan, CF33 4RS Authority: Environment Agency, Welsh Region Permit Reference: AN7295 Dated: Not Supplied Process Type: Withdrawn IPC application Description: 4.3 A (F) Acid processes within the Chemical Industry Status: Application referred to Local Authority for consideration Positional Accuracy: Manually positioned within the geographical locality	A14SW (NE)	405	3	284498 180414
5	Integrated Pollution Prevention And Control Name: The Research Centre Location: Unit 1 Former Stormydown Aerodrome, Pyle, Bridgend, Mid Glamorgan, CF33 4RS Authority: Natural Resources Wales Permit Reference: SP3936TL Original Permit Ref: Not Supplied Effective Date: 6th August 2025 Status: Effective Application Type: Bespoke App. Sub Type: Not Supplied Positional Accuracy: Located by supplier to within 10m Activity Code: 5.3 PART A (1) A) (VI) Activity Description: Not Supplied Primary Activity: Y Activity Code: 5.6 PART A (1) A) (I) Activity Description: Not Supplied Primary Activity: N Activity Code: 0.0 Associated Process Activity Description: Not Supplied Primary Activity: N	A13SE (N)	0	2	284110 180080
5	Integrated Pollution Prevention And Control Name: Cenin Limited Location: The Research Centre, Unit 1, Former Stormydown Aerodrome,,Pyle, BRIDGEND, Mid Glamorgan, CF33 4RS Authority: Natural Resources Wales Permit Reference: SP3537ZL Original Permit Ref: Sp3936tl Effective Date: 25th March 2013 Status: Effective Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 100m Activity Code: 5.3 A(1) a) (vi) Activity Description: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING RECYCLING OR RECLAMATION OF INORGANIC MATERIALS OTHER THAN METALS OR METAL COMPOUNDS Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A13SE (N)	0	2	284110 180080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Integrated Pollution Prevention And Control Name: Parc Stormy Anaerobic Digestion Facility Location: Stormy Down, Porthcawl, Bridgend, Mid Glamorgan, CF33 4RS Authority: Natural Resources Wales Permit Reference: AB3191FR Original Permit Ref: Not Supplied Effective Date: 3rd March 2021 Status: Effective Application Type: Bespoke App. Sub Type: Not Supplied Positional Accuracy: Located by supplier to within 10m Activity Code: 5.4 A(1) b) (i) Activity Description: Not Supplied Primary Activity: Y Activity Code: 5.4 A(1) b) (i) Activity Description: Not Supplied Primary Activity: Y Activity Code: 5.4 A(1) b) (i) Activity Description: Not Supplied Primary Activity: Y Activity Code: 5.4 A(1) b) (i) Activity Description: Not Supplied Primary Activity: Y Activity Code: 5.4 A(1) b) (i) Activity Description: Not Supplied Primary Activity: Y	A8NE (SE)	83	2	284224 179991
7	Local Authority Pollution Prevention and Controls Name: Cenin Ltd Location: Stormy Down Airfield, Stormy Down, Pyle, Bridgend, CF33 4RS Authority: Bridgend County Borough Council, Environmental Health Department Permit Reference: 113 Dated: 25th June 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Authorisation certificate surrendered by operator Positional Accuracy: Located by supplier to within 10m	A8NW (NW)	0	4	284098 180076
8	Local Authority Pollution Prevention and Controls Name: Cornelly Quarry Location: Cornelly Quarry, South Cornelly, BRIDGEND, Mid Glamorgan, CF33 4RD Authority: Bridgend County Borough Council, Environmental Health Department Permit Reference: 71 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/15 Mineral drying and roadstone coating processes Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A12SW (W)	864	4	283185 180121
9	Local Authority Pollution Prevention and Controls Name: Tarmac Western Ltd Location: Cornelly Quarry, Kenfig Hill, BRIDGEND, Mid Glamorgan, CF33 4RD Authority: Bridgend County Borough Council, Environmental Health Department Permit Reference: 20 Dated: 5th April 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Permitted Positional Accuracy: Manually positioned to the address or location	A6NE (W)	996	4	283046 180071
	Nearest Surface Water Feature	A13SE (N)	56	-	284123 180253
10	Water Abstractions Operator: Tarmac Trading Limited Licence Number: Wa/058/0033/0005 Permit Version: Not Supplied Location: Cornelly Quarry, South Cornelly, Cornelly, Porthcawl, Cf33 4rr Authority: Natural Resources Wales Abstraction: Extractive: Dewatering Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 8020 Yearly Rate (m3): 1388250 Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SW (W)	898	2	283201 180369

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Water Abstractions Operator: Tarmac Trading Limited Licence Number: Wa/058/0033/0005 Permit Version: Not Supplied Location: Cornelly Quarry, South Cornelly, Cornelly, Porthcawl, Cf33 4rr Authority: Natural Resources Wales Abstraction: Extractive: Dust Suppression Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 8800 Yearly Rate (m3): 1298456 Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SW (W)	898	2	283201 180369
10	Water Abstractions Operator: Tarmac Trading Limited Licence Number: Wa/058/0033/0005 Permit Version: Not Supplied Location: Cornelly Quarry, South Cornelly, Cornelly, Porthcawl, Cf33 4rr Authority: Natural Resources Wales Abstraction: Extractive: General Washing/Process Washing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 8800 Yearly Rate (m3): 1298456 Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SW (W)	898	2	283201 180369
10	Water Abstractions Operator: Tarmac Trading Limited Licence Number: Wa/058/0033/0005 Permit Version: Not Supplied Location: Cornelly Quarry, South Cornelly, Cornelly, Porthcawl, Cf33 4rr Authority: Natural Resources Wales Abstraction: Extractive: Process water Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 8800 Yearly Rate (m3): 1298456 Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SW (W)	898	2	283201 180369
	Water Abstractions Operator: Mr C H Knight Licence Number: 21/58/33/0007 Permit Version: 101 Location: Borehole At Lower Tythegston Authority: Natural Resources Wales Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th May 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5SE (SE)	1913	2	285640 178830

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr C H Knight Licence Number: 21/58/33/0007 Permit Version: 100 Location: Borehole At Lower Tythegston Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: U/G Strata At Tythegston Lower Ss 85647883 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SE (SE)	1913	3	285640 178830
	Water Abstractions Operator: Charles Knight Licence Number: 21/58/33/0007 Permit Version: Not Supplied Location: Borehole On Land In The Community Of Tythegston, Bridgend Authority: Natural Resources Wales Abstraction: General Farming And Domestic Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 22.73 Yearly Rate (m3): 8297 Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5SE (SE)	1913	2	285640 178830
	Water Abstractions Operator: Ts Rees Limited Licence Number: Wa/058/0033/0006 Permit Version: Not Supplied Location: Gaens Quarry, Porthcawl Road, South Cornelly, Bridgend, Cf33 4rn Authority: Natural Resources Wales Abstraction: Extractive: Dewatering Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 3928 Yearly Rate (m3): 630510 Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1934	2	282155 180448
	Water Abstractions Operator: Ts Rees Limited Licence Number: Wa/058/0033/0006 Permit Version: Not Supplied Location: Gaens Quarry, Porthcawl Road, South Cornelly, Bridgend, Cf33 4rn Authority: Natural Resources Wales Abstraction: Extractive: Process water Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 12 Yearly Rate (m3): 3600 Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1934	2	282155 180448

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Ts Rees Limited Licence Number: Wa/058/0033/0006 Permit Version: Not Supplied Location: Gaens Quarry, Porthcawl Road, South Cornelly, Bridgend, Cf33 4rn Authority: Natural Resources Wales Abstraction: Extractive: Dust Suppression Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 135 Yearly Rate (m3): 21195 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1934	2	282155 180448
	Water Abstractions Operator: Ts Rees Limited Licence Number: Wa/058/0033/0006 Permit Version: Not Supplied Location: Gaens Quarry, Porthcawl Road, South Cornelly, Bridgend, Cf33 4rn Authority: Natural Resources Wales Abstraction: Extractive: General Washing/Process Washing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 25 Yearly Rate (m3): 1395 Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1934	2	282155 180448
	Water Abstractions Operator: Messrs Lougher & Son Licence Number: 21/58/51/0030 Permit Version: 100 Location: U/G Limestone Cynffig In The District Of Ogwr Mid Glam Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: U/G Lstn Cynffig In The District Of Ogwr Mid Glam Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd April 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1945	3	282240 180790
	Water Abstractions Operator: R & M Lougher & Sons Licence Number: Wa/058/0033/0004 Permit Version: Not Supplied Location: Ty Tanglwyst Farm Bore Hole, Ty Tanglwyst Farm, Pyle, Bridgend, Cf33 4sa Authority: Natural Resources Wales Abstraction: Agriculture: Forestry: Animal Watering & General Use in Non Farming Situations Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 30 Yearly Rate (m3): 10950 Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1982	2	282212 180821

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Principle Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A8NE (S)	0	2	284107 180072
	Groundwater Vulnerability Map Combined Principle Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A8NE (S)	0	2	284107 180000
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A8NE (S)	0	2	284107 180072
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A8NE (S)	0	2	284107 180000
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
	OS NGD Water Network Links None				
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Kenfig - headwaters to tidal WaterBody ID: GB110058026170 Operational Catchment: Kenfig Management Catchment: Tawe to Cadoston Catchment Name: Not Supplied	A18SE (N)	785	2	284107 180980
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Ogmere - confluence with Llynfi to tidal limit WaterBody ID: GB110058026280 Operational Catchment: Ogmere Management Catchment: Tawe to Cadoston Catchment Name: Not Supplied	A18SE (N)	813	2	284290 180998

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Framework Directive - Groundwater Waterbody Name: Swansea Southern Carboniferous Limestone Waterbody ID: GB41001G201300 URL Address: Not Available Overall Rating: Poor Chemical Rating: Poor Quantitative: Good Measure: Year: 2023	A8NE (S)	0	2	284107 180072
	Water Framework Directive - Groundwater Waterbody Name: Swansea Carboniferous Coal Measures Waterbody ID: GB41002G201000 URL Address: Not Available Overall Rating: Poor Chemical Rating: Poor Quantitative: Good Measure: Year: 2023	A18SW (N)	844	2	283792 180957

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Historical Landfill Sites Licence Holder: Not Supplied Location: Pyle, Bridgend Name: Stormy Down Quarry Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14900 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6915/0027 BGS Ref: Not Supplied Other Ref: Not Supplied	A13SE (N)	44	2	284114 180238
12	Licensed Waste Management Facilities (Landfill Boundaries) Name: Stormy West Licence Number: 34009 Location: Stormy Down, Pyle, Bridgend, CF32 0NP Licence Holder: Springfield Environmental Ltd Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Closure Issued: 1st September 1984 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A14NW (NE)	448	2	284444 180540
13	Licensed Waste Management Facilities (Locations) Licence Number: FP3995EL Location: Ex-mod R A F Site, Mount Pleasant Road, Tythegston, Bridgend, Glamorgan, CF32 0NW Operator Name: Wern Tarn Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Effective Issued: 5th November 2007 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (E)	38	2	284200 180100
13	Licensed Waste Management Facilities (Locations) Licence Number: FP3995EL Location: Ex-mod R A F Site, Mount Pleasant Road, Tythegston, Bridgend, Glamorgan, CF32 0NW Operator Name: Wern Tarn Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Effective Issued: 5th November 2007 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (E)	38	2	284200 180100
14	Licensed Waste Management Facilities (Locations) Licence Number: DB3691CU Location: Solcer House, Unit 2, Parc Stormy, Stormy Down, Bridgend, Bridgend, CF33 4RS Operator Name: Areera Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: WEEE treatment facility Licence Status: Effective Issued: 23rd January 2026 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	49	2	284149 179994

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Licensed Waste Management Facilities (Locations) Licence Number: 101426 Location: Cenin Renewable Energy Park, Stormy Down, Bridgend, Glamorgan, CF33 4RS Operator Name: Teg Environmental Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Composting Licence Status: Surrendered Issued: 5th October 2010 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 19th July 2012 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	56	2	284168 179993
15	Licensed Waste Management Facilities (Locations) Licence Number: BP3599SZ Location: Pyle, Stormy Down, Bridgend, Glamorgan, CF33 4RS Operator Name: Nolan Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Effective Issued: 27th April 2016 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NW (N)	310	2	284100 180500
15	Licensed Waste Management Facilities (Locations) Licence Number: BP3599SZ Location: Pyle, Stormy Down, Bridgend, Glamorgan, CF33 4RS Operator Name: Nolan Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Effective Issued: 27th April 2016 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NW (N)	310	2	284100 180500
15	Licensed Waste Management Facilities (Locations) Licence Number: 34205 Location: The Old Quarry, Stormy Down, Pyle, Bridgend, CF33 4RS Operator Name: Nolan Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Modified Issued: 29th October 2002 Last Modified: 10th February 2012 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NW (N)	310	2	284100 180500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Licensed Waste Management Facilities (Locations) Licence Number: AP3398FW Location: Stormy Down, Bridgend, Glamorgan, CF32 0NP Operator Name: Stephen Marchant Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: End of Life Vehicles Licence Status: Effective Issued: 6th September 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	350	2	283934 180465
16	Licensed Waste Management Facilities (Locations) Licence Number: 34231 Location: The Old Quarry, Heol-y-splott, Stormy Down, Bridgend, CF32 0NP Operator Name: Marchant Stephen Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: End of Life Vehicles Licence Status: Issued Issued: 6th September 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	350	2	283934 180465
17	Licensed Waste Management Facilities (Locations) Licence Number: YP3195FG Location: Pyle, Bridgend, CF32 0NP Operator Name: Springfield Environmental Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Waste Landfills Licence Status: Effective Issued: 1st September 1984 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	514	2	284517 180563
17	Licensed Waste Management Facilities (Locations) Licence Number: 34009 Location: Stormy Down, Pyle, CF32 0NP Operator Name: Springfield Environmental Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Waste Landfills Licence Status: Closed Issued: 1st September 1984 Last Modified: 16th October 2000 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	514	2	284517 180563
18	Licensed Waste Management Facilities (Locations) Licence Number: 34140 Location: Stormy West Transfer Station, Stormy Down, Pyle, Bridgend, CF32 0NP Operator Name: Ecovert Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Surrendered Issued: 4th May 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 23rd September 2005 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	623	2	284700 180500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Bridgend County Borough Council - Has supplied landfill data		0	5	284107 180072
19	Local Authority Recorded Landfill Sites Location: Stormy West Reference: Not Supplied Authority: Bridgend County Borough Council Last Reported Status: Unknown Types of Waste: Non Hazardous, Industrial, Commercial, Household, Asbestos Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A14NW (NE)	532	5	284515 180589
20	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A8NE (S)	179	7	284106 179788
21	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1987	A13NE (NE)	290	7	284334 180425
22	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1987	A13SW (NW)	315	7	283921 180404
23	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9NW (SE)	506	7	284617 179821
24	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1987	A14NW (NE)	561	7	284630 180497
25	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1987	A14NW (NE)	692	7	284641 180689
26	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1987	A14NW (NE)	699	7	284774 180523
27	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A15SW (E)	1000	7	285159 180179
28	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A17SE (NW)	924	7	283603 180935
29	Registered Landfill Sites Licence Holder: Uk Waste Ltd Licence Reference: 21 Site Location: Stormy Down Landfill, Pyle, Bridgend, Mid Glamorgan Licence Easting: 284200 Licence Northing: 180400 Operator Location: Rixton Old Hall, Manchester Road, Rixton, WARRINGTON, Cheshire, WA3 6EW Authority: Environment Agency Wales, South West Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence has completion certificateSurrendered Dated: 1st June 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Accuracy: Not Applicable Authorised Waste: Aerosols Domestic & Commercial Non-Haz. Waste Ind. Non-Haz. Waste	A13SE (N)	209	3	284200 180400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Registered Landfill Sites Licence Holder: Wimpey Disposal Ltd Licence Reference: 5a Site Location: Stormy West Quarry, Stormy Down, Pyle, BRIDGEND, Mid Glamorgan, CF32 0NP Licence Easting: 284600 Licence Northing: 180650 Operator Location: Appley Lane North, Appley Bridge, Wigan, Lancashire, Wn6 9ae Authority: Environment Agency Wales, South West Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Site Closed Dated: 5th June 1996 Preceded By: 5 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Asbestos Construction And Demolition Wastes House. + Com. Untreated Waste Incinerator Residues Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Potentially Combustible Prohibited Waste: Waste In Sealed Drums/Containers	A14NW (NE)	635	3	284600 180650
30	Registered Landfill Sites Licence Holder: Wimpey Disposal Ltd Licence Reference: 5 Site Location: Stormy West Quarry, Stormy Down, Pyle, BRIDGEND, Mid Glamorgan, CF32 0NP Licence Easting: 284600 Licence Northing: 180650 Operator Location: 4 High Street, Nailsea, BRISTOL, Avon, BS19 1BW Authority: Environment Agency Wales, South West Area Site Category: Landfill - with civic amenity Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Record superseded Dated: 1st September 1984 Preceded By: Not Given Licence: Superseded By: 5a Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Asbestos Civic Amenity/Refuse Amenity Waste Construction And Demolition Wastes House. + Com. Untreated Waste Incinerator Residues Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Potentially Combustible Prohibited Waste: Waste In Sealed Drums/Containers	A14NW (NE)	635	3	284600 180650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Registered Waste Transfer Sites Licence Holder: B.C.S. Oils Ltd Licence Reference: . Site Location: Hobbs Quarry, Stormy Down, Pyle, Bridgend, Mid Glamorgan Operator Location: Unit 2 Barracks Road, Sandy Lane Industrial Estate, STOURPORT, Worcestershire, DY13 9RW Authority: Environment Agency Wales, South West Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Dated: 1st March 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Kerosene And Derv. Mineral Oils Oil/Water Mixtures Prohibited Waste: Oil/Solvents Contam.With Pcb's/Analogue Percussive/Explosive/Similar Waste Special Wastes N.O.S. Sub'S Control. Radioactive Subs Act'60 Waste N.O.S. Waste With Free Flam.Solvents	A13NW (N)	310	3	284100 180500
32	Registered Waste Transfer Sites Licence Holder: Ecovert Ltd Licence Reference: SWW 156L Site Location: Transfer Station/C.A at Stormy West, Stormy Down, Pyle, BRIDGEND, Mid Glamorgan, CF32 0NF Operator Location: 22-30 Sturt Road, Frimley Green, CAMBERLEY, Surrey, GU16 6HZ Authority: Environment Agency Wales, South West Area Site Category: Civic Amenity - with transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Site dormant Dated: 4th May 1996 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Household & Commercial Waste Industrial Wastes Max.Waste Permitted By Licence Prohibited Waste: Clinical Wastes Filter Cakes Liquid Wastes Pcb's/Pct's Percussive/Explosive/Similar Waste Sludge Wastes Spec.Waste (Epa'90:S62/1996 Regs) Sub'S Control. Radioactive Subs Act'60 Waste In Sealed Drums Waste N.O.S.	A14NW (NE)	493	3	284505 180545
33	Waste Exemption Permits Permit Reference: NRW-WME116293 Exemption Category: Storage Exemption Sub-Category: Use of baled end-of-life tyres in construction. Exemption Definition: The U2 exemption allows you to use a small number of end-of-life tyre bales in construction.	A13SE (NE)	0	2	284121 180096
34	Waste Exemption Permits Permit Reference: NRW-WME111491 Exemption Category: Use Exemption Sub-Category: Crushing waste fluorescent tubes. Exemption Definition: The T17 exemption allows you to treat waste fluorescent tubes and capture any mercury emissions before collection for recovery.	A13SW (NW)	145	2	283978 180224

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Waste Exemption Permits Permit Reference: NRW-WME111489 Exemption Category: Storage Exemption Sub-Category: Use of baled end-of-life tyres in construction. Exemption Definition: The U2 exemption allows you to use a small number of end-of-life tyre bales in construction.	A13NE (N)	337	2	284130 180531
36	Waste Exemption Permits Permit Reference: NRW-WME088518 Exemption Category: Use Exemption Sub-Category: Crushing waste fluorescent tubes. Exemption Definition: The T17 exemption allows you to treat waste fluorescent tubes and capture any mercury emissions before collection for recovery.	A7SW (SW)	894	2	283249 179547
37	Waste Exemption Permits Permit Reference: WEX374791 Exemption Category: Use Exemption Sub-Category: Use of waste in construction. Exemption Definition: The U1 exemption allows you to use suitable waste in construction as a recovery activity.	A7SW (SW)	894	3	283249 179547

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	Control of Major Accident Hazards Sites (COMAH) Name: Severn Trent Green Power (Bridgend) Limited Location: Porthcawl, Parc Stormy, Stormy Down, Porthcawl, Mid Glamorgan, Cf33 4RS Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Manually positioned to the address or location	A13SE (NE)	0	6	284115 180087

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Dinantian Rocks (Undifferentiated)	A8NE (S)	0	1	284107 180072
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A8NE (S)	0	1	284107 180072
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (E)	450	1	284607 180212
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18SE (N)	603	1	284231 180794
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SE (N)	722	1	284201 180916
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SW (N)	772	1	283997 180950
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SE (N)	775	1	284394 180933

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 60 - 80 mg/kg Concentration:	A14NW (NE)	785	1	284747 180713
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A19SW (NE)	875	1	284500 181000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19SW (NE)	891	1	284539 181000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A14NE (NE)	896	1	285000 180500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14NE (NE)	897	1	285000 180504
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A19SW (NE)	901	1	284634 180960

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A19SW (NE)	927	1	284618 181000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 60 - 80 mg/kg Concentration:	A14NE (NE)	951	1	285000 180635
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 60 - 80 mg/kg Concentration:	A17SE (N)	991	1	283728 181089
39	BGS Recorded Mineral Sites Site Name: Mynydd Twmpath Y Ddaiar Location: Bridgend, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 160858 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Yard Coal (Goyt Trough) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A13SE (N)	148	1	284151 180343
40	BGS Recorded Mineral Sites Site Name: Mynydd Twmpath Y Ddaiar Location: Bridgend, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 160857 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Yard Coal (Goyt Trough) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A13SW (N)	152	1	284091 180332
41	BGS Recorded Mineral Sites Site Name: Stormy Down Location: Cornelly, Pyle, Bridgend, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 5817 Type: Opencast Status: Dormant Operator: Hobbs Holdings Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Stormy Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A13SE (N)	187	1	284185 180380

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	BGS Recorded Mineral Sites Site Name: Cornelly Quarry Location: Cornelly, Pyle, Bridgend, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 265719 Type: Opencast Status: Dormant Operator: Tarmac Trading Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	297	1	283750 179900
43	BGS Recorded Mineral Sites Site Name: Mynydd Twmpath Y Ddaiar Location: Bridgend, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 160855 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Yard Coal (Goyt Trough) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A13NE (N)	338	1	284182 180532
44	BGS Recorded Mineral Sites Site Name: Mynydd Twmpath Y Ddaiar Location: Bridgend, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 160856 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Yard Coal (Goyt Trough) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	360	1	284342 180504
45	BGS Recorded Mineral Sites Site Name: Mynydd Twmpath Y Ddaiar Location: Bridgend, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 160871 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rockdale Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A13SW (NW)	363	1	283859 180409
46	BGS Recorded Mineral Sites Site Name: Mynydd-Herbert Location: Bridgend, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 160859 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Yard Coal (Goyt Trough) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A9NW (E)	372	1	284536 180048
47	BGS Recorded Mineral Sites Site Name: Cornelly Quarry Location: Cornelly, Pyle, Bridgend, Mid Glamorgan, Cf33 4rd Source: British Geological Survey, National Geoscience Information Service Reference: 363 Type: Opencast Status: Active Operator: Tarmac Trading Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A12SE (W)	437	1	283625 180160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	BGS Recorded Mineral Sites Site Name: Mynydd Herbert Location: Bridgend, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 160875 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Cornelly Oolite Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	520	1	284629 179814
49	BGS Recorded Mineral Sites Site Name: Stormy Down Location: Stormy Down, North Cornelly, Bridgend, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 15946 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Stormy Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	621	1	284615 180615
50	BGS Recorded Mineral Sites Site Name: Stormy Down Location: Stormy Down, North Cornelly, Bridgend, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 15947 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Stormy Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A14NE (NE)	772	1	284805 180615
51	BGS Recorded Mineral Sites Site Name: Cornelly Quarry Location: Cornelly, Pyle, Bridgend, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 31563 Type: Opencast Status: Dormant Operator: Tarmac Trading Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Stormy Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A7NW (W)	825	1	283220 179875
52	BGS Recorded Mineral Sites Site Name: Pant-Mawr Quarries Location: South Cornelly, Bridgend, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 161294 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Stormy Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A12SW (W)	884	1	283161 180094
53	BGS Recorded Mineral Sites Site Name: Pant Y Yards Location: Bridgend, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 160896 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Stormy Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A3SW (S)	946	1	283848 179037

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Man-Made Mining Cavities Easting: 284000 Northing: 179100 Distance: 865 Quadrant Reference: A3 Quadrant Reference: NW Bearing Ref: S Cavity Type: Not supplied Commodity: Lead Solid Geology Detail: No Details Superficial Geology No Details Detail:	A3NW (S)	865	7	284000 179100
	Natural Cavities Easting: 284210 Northing: 180110 Distance: 49 Quadrant Reference: A13 Quadrant Reference: SE Bearing Ref: E Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Upper Carboniferous Limestone Superficial Geology No Details Detail:	A13SE (E)	49	7	284210 180110
	Natural Cavities Easting: 284220 Northing: 180030 Distance: 58 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: E Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Upper Carboniferous Limestone Superficial Geology No Details Detail:	A8NE (E)	58	7	284220 180030
	Natural Cavities Easting: 284220 Northing: 180120 Distance: 59 Quadrant Reference: A13 Quadrant Reference: SE Bearing Ref: NE Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Upper Carboniferous Limestone Superficial Geology No Details Detail:	A13SE (NE)	59	7	284220 180120
	Natural Cavities Easting: 284230 Northing: 180070 Distance: 67 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: E Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Upper Carboniferous Limestone Superficial Geology No Details Detail:	A8NE (E)	67	7	284230 180070

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 284230 Northing: 180030 Distance: 68 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: E Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Upper Carboniferous Limestone Superficial Geology Detail: No Details	A8NE (E)	68	7	284230 180030
	Natural Cavities Easting: 284230 Northing: 180120 Distance: 69 Quadrant Reference: A13 Quadrant Reference: SE Bearing Ref: E Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Upper Carboniferous Limestone Superficial Geology Detail: No Details	A13SE (E)	69	7	284230 180120
	Natural Cavities Easting: 284180 Northing: 179960 Distance: 79 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: SE Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup Superficial Geology Detail: No Details	A8NE (SE)	79	7	284180 179960
	Natural Cavities Easting: 284180 Northing: 179950 Distance: 81 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: SE Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup Superficial Geology Detail: No Details	A8NE (SE)	81	7	284180 179950
	Natural Cavities Easting: 284250 Northing: 180050 Distance: 86 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: E Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup Superficial Geology Detail: No Details	A8NE (E)	86	7	284250 180050
	Natural Cavities Easting: 284250 Northing: 180120 Distance: 89 Quadrant Reference: A13 Quadrant Reference: SE Bearing Ref: E Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Upper Carboniferous Limestone Superficial Geology Detail: No Details	A13SE (E)	89	7	284250 180120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 284250 Northing: 180180 Distance: 92 Quadrant Reference: A13 Quadrant Reference: SE Bearing Ref: NE Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup Superficial Geology No Details Detail:	A13SE (NE)	92	7	284250 180180
	Natural Cavities Easting: 284270 Northing: 180100 Distance: 108 Quadrant Reference: A13 Quadrant Reference: SE Bearing Ref: E Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Upper Carboniferous Limestone Superficial Geology No Details Detail:	A13SE (E)	108	7	284270 180100
	Natural Cavities Easting: 284270 Northing: 180150 Distance: 111 Quadrant Reference: A13 Quadrant Reference: SE Bearing Ref: NE Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup Superficial Geology No Details Detail:	A13SE (NE)	111	7	284270 180150
	Natural Cavities Easting: 284280 Northing: 180170 Distance: 122 Quadrant Reference: A13 Quadrant Reference: SE Bearing Ref: NE Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup Superficial Geology No Details Detail:	A13SE (NE)	122	7	284280 180170
	Natural Cavities Easting: 284260 Northing: 179970 Distance: 123 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: SE Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Upper Carboniferous Limestone Superficial Geology No Details Detail:	A8NE (SE)	123	7	284260 179970
	Natural Cavities Easting: 284250 Northing: 179960 Distance: 123 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: SE Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup Superficial Geology No Details Detail:	A8NE (SE)	123	7	284250 179960

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 284270 Northing: 179930 Distance: 158 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: SE Cavity Type: Sinkhole x 1, Solution Pipe x 1 Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Upper Carboniferous Limestone Superficial Geology Detail: No Details	A8NE (SE)	158	7	284270 179930
	Natural Cavities Easting: 284700 Northing: 180600 Distance: 677 Quadrant Reference: A14 Quadrant Reference: NW Bearing Ref: NE Cavity Type: Sinkhole x 1 Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Upper Carboniferous Limestone Superficial Geology Detail: No Details	A14NW (NE)	677	7	284700 180600
	Natural Cavities Easting: 283940 Northing: 180870 Distance: 709 Quadrant Reference: A18 Quadrant Reference: SW Bearing Ref: N Cavity Type: Sinkhole x 3, Solution Pipe x 3 Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Upper Carboniferous Limestone Superficial Geology Detail: No Details	A18SW (N)	709	7	283940 180870
	Natural Cavities Easting: 284150 Northing: 180950 Distance: 755 Quadrant Reference: A18 Quadrant Reference: SE Bearing Ref: N Cavity Type: Solution Pipe x 15, Swallow Hole x 15 Solid Geology Detail: Carboniferous Limestone Supergroup, Dolomitic Conglomerate, Lower Carboniferous Limestone, Upper Carboniferous Limestone Superficial Geology Detail: No Details	A18SE (N)	755	7	284150 180950
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Zone of Influence: N/A Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180000
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Zone of Influence: N/A Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180072
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180072
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180072
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180072
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	284123 180184
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NW (SW)	79	1	283958 180000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	191	1	283868 180118
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180072
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A8NW (W)	125	1	283899 180000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	126	1	283923 180082
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180072
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180072
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180072
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180000
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180072
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	284107 180000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	Contemporary Trade Directory Entries Name: Cenin Cement Location: Unit 1, Parc Stormy, Stormy Down, Pyle, Bridgend, Mid Glamorgan, CF33 4RS Classification: Cement Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (NE)	0	7	284118 180084
55	Contemporary Trade Directory Entries Name: Herondene Ltd Location: Unit 1, Old Aerodrome, Stormy Down, Pyle, Bridgend, Mid Glamorgan, CF33 4RS Classification: Chemical Engineers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A8NE (SE)	39	7	284168 180010
55	Contemporary Trade Directory Entries Name: D & N Repair Services Location: Stormy Down, Pyle, Bridgend, Mid Glamorgan, CF33 4RY Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (SE)	40	7	284168 180009
56	Contemporary Trade Directory Entries Name: Nolan Recycling Location: Unit 3-4, Hobbs Quarry, Stormy Down, Pyle, Bridgend, Mid Glamorgan, CF33 4RS Classification: Recycling Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (N)	359	7	284154 180554
56	Contemporary Trade Directory Entries Name: Nolan Recycling Ltd Location: Hobbs Quarry, Stormy Down, Pyle, Bridgend, Mid Glamorgan, CF33 4RS Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	359	7	284154 180554
56	Contemporary Trade Directory Entries Name: D & N Repair Services Location: Unit 3-4, Hobbs Quarry, Stormy Down, Pyle, Bridgend, Mid Glamorgan, CF33 4RS Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	359	7	284154 180554
57	Contemporary Trade Directory Entries Name: A48 Auto Salvage Location: The Old Quarry, Stormy Down, Bridgend, CF32 0NP Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	363	7	283909 180461
57	Contemporary Trade Directory Entries Name: Martin Handley Location: The Old Quarry, Heol y Sheet, Stormy Down, Pyle, Bridgend, Mid Glamorgan, CF33 4RY Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	366	7	283909 180465
58	Points of Interest - Commercial Services Name: D & N Repair Services Location: Unit 3-4 Hobbs Quarry, Stormy Down, Pyle, Bridgend, CF33 4RS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	359	8	284154 180554
58	Points of Interest - Commercial Services Name: D & N Repair Services Location: Unit 3-4 Hobbs Quarry, Stormy Down, Pyle, Bridgend, CF33 4RS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	359	8	284154 180554
58	Points of Interest - Commercial Services Name: Nolan Recycling Location: Stormy Down Quarry, Heol-y-Splot, South Cornelly, Bridgend, CF33 4RS Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (N)	377	8	284175 180572

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	Points of Interest - Commercial Services Name: Breakers Yard Location: CF33 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NW (NW)	363	8	283907 180459
59	Points of Interest - Commercial Services Name: A48 Auto Salvage Location: The Old Quarry, Stormy Down, Bridgend, CF32 0NP Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NW (NW)	366	8	283909 180465
59	Points of Interest - Commercial Services Name: Martin Handley Location: The Old Quarry Heol y Sheet, Stormy Down, Pyle, Bridgend, CF33 4RY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NW (NW)	366	8	283909 180465
59	Points of Interest - Commercial Services Name: A 48 Auto Salvage Location: The Old Quarry, Heol-y-Splot, South Cornelly, Bridgend, CF32 0NP Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NW (NW)	366	8	283909 180465
60	Points of Interest - Manufacturing and Production Name: Stormy Down Solar Farm - Solar Photovoltaics (BEIS) Location: Stormy Down Transfer Station, Stormy Down, Bridgend, CF33 4RS Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location	A13SW (NW)	31	8	284035 180119
60	Points of Interest - Manufacturing and Production Name: Parc Stormy Turbine Location: CF33 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location	A13SE (N)	50	8	284108 180167
60	Points of Interest - Manufacturing and Production Name: Parc Stormy Location: CF33 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A13SE (N)	50	8	284108 180167
61	Points of Interest - Manufacturing and Production Name: Stormy Down (Waste AD) - Anaerobic Digestion (BEIS) Location: Parc Stormy, Stormy Down, Airfield Stormy, Pyle, Bridgend, CF33 4RS Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location	A8NE (E)	75	8	284235 180022
62	Points of Interest - Manufacturing and Production Name: Stormy Down Quarry Location: CF33 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A13SE (N)	208	8	284138 180402
62	Points of Interest - Manufacturing and Production Name: Stormy Down Quarry Location: CF33 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A13SE (N)	211	8	284138 180405
63	Points of Interest - Manufacturing and Production Name: Stormy Down Quarry (Disused) Location: CF33 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A13SW (NW)	242	8	283973 180353
64	Points of Interest - Manufacturing and Production Name: Limekiln (Disused) Location: CF33 Category: Industrial Features Class Code: Lime Kilns Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	397	8	284558 180119

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	Points of Interest - Manufacturing and Production Name: Lime Kiln (Disused) Location: CF33 Category: Industrial Features Class Code: Lime Kilns Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	397	8	284558 180117
65	Points of Interest - Manufacturing and Production Name: Tank Location: CF33 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	480	8	283592 179790
66	Points of Interest - Manufacturing and Production Name: Newton Down - Wind Onshore (DECC) Location: Bridgend, CF33 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location	A8SE (S)	520	8	284261 179472
66	Points of Interest - Manufacturing and Production Name: Newton Down Turbine Location: CF33 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location	A8SE (S)	527	8	284270 179468
67	Points of Interest - Manufacturing and Production Name: Works Location: CF33 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	531	8	284643 179819
68	Points of Interest - Manufacturing and Production Name: Cornelly Quarry (Limestone) Location: CF33 Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	601	8	283472 180232
68	Points of Interest - Manufacturing and Production Name: Cornelly Quarry Location: CF33 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	615	8	283462 180250
69	Points of Interest - Manufacturing and Production Name: Solar Farm Location: CF32 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	624	8	284587 180648
69	Points of Interest - Manufacturing and Production Name: Stormy West Quarries (Disused) Location: CF32 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	655	8	284643 180635
70	Points of Interest - Manufacturing and Production Name: Cornelly Quarry (Limestone) Location: CF33 Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to an adjacent address or location	A7NW (W)	687	8	283359 179876
71	Points of Interest - Manufacturing and Production Name: Sheep Wash Location: CF33 Category: Farming Class Code: Sheep Dips and Washes Positional Accuracy: Positioned to address or location	A9SW (SE)	704	8	284594 179464
72	Points of Interest - Manufacturing and Production Name: Lime Kiln (Disused) Location: CF33 Category: Industrial Features Class Code: Lime Kilns Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	784	8	283583 180730

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	Points of Interest - Manufacturing and Production Name: Limekiln (Disused) Location: CF33 Category: Industrial Features Class Code: Lime Kilns Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	785	8	283583 180732
73	Points of Interest - Manufacturing and Production Name: Lime Kiln (Disused) Location: CF33 Category: Industrial Features Class Code: Lime Kilns Positional Accuracy: Positioned to an adjacent address or location	A12NW (NW)	811	8	283364 180518
73	Points of Interest - Manufacturing and Production Name: Limekiln (Disused) Location: CF33 Category: Industrial Features Class Code: Lime Kilns Positional Accuracy: Positioned to an adjacent address or location	A12NW (NW)	812	8	283364 180520
74	Points of Interest - Manufacturing and Production Name: Newton Down Location: Stormy Lane, Porthcawl, CF32 0NE Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A3NE (S)	824	8	284370 179188
75	Points of Interest - Manufacturing and Production Name: Joseph Lyndon Location: Pyle, Bridgend, CF33 4RR Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A7SW (SW)	870	8	283268 179563
76	Points of Interest - Manufacturing and Production Name: Tank Location: CF33 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (W)	882	8	283161 180073
77	Points of Interest - Manufacturing and Production Name: Wind Turbine Location: CF33 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	897	8	284186 181092
77	Points of Interest - Manufacturing and Production Name: Parc Stormy T2 Turbine Location: CF33 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location	A18NE (N)	898	8	284186 181093
77	Points of Interest - Manufacturing and Production Name: Parc Stormy T2 Location: CF33 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	898	8	284186 181093
78	Points of Interest - Manufacturing and Production Name: Sheep Dip Location: CF33 Category: Farming Class Code: Sheep Dips and Washes Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	979	8	283516 180936
79	Points of Interest - Public Infrastructure Name: Recycling Business Location: CF33 Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	362	8	284089 180551
80	Points of Interest - Public Infrastructure Name: Slurry Beds Location: CF33 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	459	8	284559 179814

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	Points of Interest - Public Infrastructure Name: Sewage Works Location: CF33 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	527	8	284642 179825
80	Points of Interest - Public Infrastructure Name: Sewage Works (Disused) Location: CF33 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	530	8	284642 179818
81	Pollution Inventory Inventory Type: Substances Route Name: Air Route Description: Not Supplied Pollutant Value: 0.2294kgm Pollutant Release: Measured Level: EWC Code: Not Applicable EWC Description: Not Applicable Hazard Code: Not Supplied	A8NE (NE)	0	2	284110 180077
82	Pollution Inventory Inventory Type: Waste Transfer Route Name: Disposal Route Description: Not Supplied Pollutant Value: 9.392t Pollutant Release: Measured Level: EWC Code: Not Applicable EWC Description: Not Applicable Hazard Code: Non-Hazardous Waste	A8NE (NE)	0	2	284110 180077

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	Pollution Inventory Inventory Type: Substances Route Name: Air Route Description: Not Supplied Pollutant Value: 58.768kgm Pollutant Release Level: Measured EWC Code: Not Applicable EWC Description: Not Applicable Hazard Code: Not Supplied Route Name: Air Route Description: Not Supplied Pollutant Value: 1662.883kgm Pollutant Release Level: Measured EWC Code: Not Applicable EWC Description: Not Applicable Hazard Code: Not Supplied Route Name: Air Route Description: Not Supplied Pollutant Value: 5.819kgm Pollutant Release Level: Measured EWC Code: Not Applicable EWC Description: Not Applicable Hazard Code: Not Supplied Route Name: Air Route Description: Not Supplied Pollutant Value: 0kgm Pollutant Release Level: Not Supplied EWC Code: Not Applicable EWC Description: Not Applicable Hazard Code: Not Supplied Route Name: Air Route Description: Not Supplied Pollutant Value: 2245.285kgm Pollutant Release Level: Measured EWC Code: Not Applicable EWC Description: Not Applicable Hazard Code: Not Supplied Route Name: Air Route Description: Not Supplied Pollutant Value: 2965.9kgm Pollutant Release Level: Measured EWC Code: Not Applicable EWC Description: Not Applicable Hazard Code: Not Supplied	A8NE (E)	103	2	284262 180017
84	Pollution Inventory Inventory Type: Waste Transfer Route Name: Disposal Route Description: Not Supplied Pollutant Value: 95.8t Pollutant Release Level: Measured EWC Code: Not Applicable EWC Description: Not Applicable Hazard Code: Non-Hazardous Waste Route Name: Recovery Route Description: Not Supplied Pollutant Value: 4361.172t Pollutant Release Level: Measured EWC Code: Not Applicable EWC Description: Not Applicable Hazard Code: Non-Hazardous Waste	A8NE (E)	103	2	284262 180017

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	Ancient Woodland Name: Not Supplied Reference: 15545 Area(m ²): 5575.72 Type: Ancient and Semi-Natural Woodland	A13NW (N)	501	2	283907 180629
86	Ancient Woodland Name: Not Supplied Reference: 15546 Area(m ²): 3677.4 Type: Ancient and Semi-Natural Woodland	A12NE (NW)	656	2	283740 180702
87	Ancient Woodland Name: Not Supplied Reference: 11825 Area(m ²): 2504.65 Type: Ancient and Semi-Natural Woodland	A12NE (NW)	671	2	283717 180702
88	Ancient Woodland Name: Not Supplied Reference: 11824 Area(m ²): 8834.74 Type: Ancient and Semi-Natural Woodland	A12NE (NW)	771	2	283527 180659
89	Ancient Woodland Name: Not Supplied Reference: 8364 Area(m ²): 18934.24 Type: Ancient and Semi-Natural Woodland	A12NW (NW)	883	2	283285 180526
90	Ancient Woodland Name: Not Supplied Reference: 23095 Area(m ²): 8052.57 Type: Restored Ancient Woodland Site	A4NE (SE)	955	2	284838 179358
91	Nitrate Vulnerable Zones Name: Not Supplied Description: Groundwater Source: Natural Resources Wales	A13NW (N)	498	2	283902 180624
92	Sites of Special Scientific Interest Name: Stormy Down Multiple Areas: Y Total Area (m ²): 64000.79 Source: Natural Resources Wales Reference: 14933way Designation Details: Geological Designation Date: 27th February 1986 Date Type: Notified	A18SE (N)	763	2	284381 180925

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bridgend County Borough Council - Environmental Health Department Vale Of Glamorgan County Borough Council - Environmental Health Department Natural Resources Wales Neath Port Talbot County Borough Council - Environmental Health Department	January 2020 January 2020 November 2023 October 2017	Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Welsh Region Natural Resources Wales	August 2014 May 2026	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Welsh Region	March 2013	
Integrated Pollution Controls Environment Agency - Welsh Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Welsh Region Natural Resources Wales	July 2024 May 2026	Bi-Annually Quarterly
Local Authority Integrated Pollution Prevention And Control Bridgend County Borough Council - Environmental Health Department Vale Of Glamorgan County Borough Council - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	July 2015 June 2014 March 2014	Variable Variable Variable
Local Authority Pollution Prevention and Controls Bridgend County Borough Council - Environmental Health Department Vale Of Glamorgan County Borough Council - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	July 2015 June 2014 March 2014	Not Applicable Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bridgend County Borough Council - Environmental Health Department Vale Of Glamorgan County Borough Council - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	July 2015 June 2014 March 2015	Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	March 2026	
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	
Historical Prosecutions Environment Agency, Welsh Region Natural Resources Wales	March 2013 March 2013	Not Applicable Not Applicable
Registered Radioactive Substances Natural Resources Wales Environment Agency - Welsh Region	January 2015 June 2016	Quarterly
Substantiated Pollution Incident Register Environment Agency Wales - South East Area Environment Agency Wales - South West Area Natural Resources Wales	January 2021 January 2021 May 2026	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Welsh Region Natural Resources Wales	April 2026 May 2026	Quarterly Quarterly
Water Industry Act Referrals Environment Agency - Welsh Region Natural Resources Wales	October 2017 October 2022	
Groundwater Vulnerability Map Natural Resources Wales	June 2018	As notified
Bedrock Aquifer Designations Natural Resources Wales	January 2018	As notified

Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations Natural Resources Wales	January 2018	As notified
Source Protection Zones Natural Resources Wales	July 2022	Annual Rolling Update
Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	
Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	
Areas Benefiting from Flood Defences Natural Resources Wales	November 2019	Quarterly
Flood Water Storage Areas Natural Resources Wales	June 2025	Quarterly
Flood Defences Natural Resources Wales	November 2019	
OS NGD Water Network Links Ordnance Survey	April 2026	Quarterly
Surface Water 1 in 30 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water Suitability Natural Resources Wales	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
Water Framework Directive - Catchment Natural Resources Wales	July 2025	Annually
Water Framework Directive - Groundwater Natural Resources Wales	July 2025	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Natural Resources Wales	March 2023	
Integrated Pollution Control Registered Waste Sites Environment Agency - Welsh Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Natural Resources Wales Environment Agency Wales - South East Area Environment Agency Wales - South West Area	August 2024 January 2023 January 2023	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency Wales - South East Area Environment Agency Wales - South West Area Natural Resources Wales	July 2024 July 2024 May 2026	Bi-Annually Bi-Annually Quarterly
Local Authority Landfill Coverage Bridgend County Borough Council Neath Port Talbot County Borough Council - Environmental Health Department Vale Of Glamorgan County Borough Council	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bridgend County Borough Council Neath Port Talbot County Borough Council - Environmental Health Department Vale Of Glamorgan County Borough Council	October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency Wales - South East Area Environment Agency Wales - South West Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency Wales - South East Area Environment Agency Wales - South West Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency Wales - South East Area Environment Agency Wales - South West Area	June 2015 June 2015	
Waste Exemption Permits Natural Resources Wales Environment Agency - Head Office	March 2026 May 2025	Quarterly Quarterly

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2026	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Vale Of Glamorgan County Borough Council - Planning Department Bridgend County Borough Council - Planning Department Neath Port Talbot County Borough Council - Planning Department	January 2016 March 2023 October 2015	Variable Variable Variable
Planning Hazardous Substance Consents Bridgend County Borough Council - Planning Department Vale Of Glamorgan County Borough Council - Planning Department Neath Port Talbot County Borough Council - Planning Department	July 2022 October 2022 September 2022	Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	February 2026	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	June 2021	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	November 2025	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2025	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2026	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	May 2026	Quarterly
Points of Interest - Commercial Services PointX	June 2026	Quarterly
Points of Interest - Education and Health PointX	June 2026	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2026	Quarterly
Points of Interest - Public Infrastructure PointX	June 2026	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2026	Quarterly
Pollution Inventory Natural Resources Wales	April 2026	Annually
Underground Electrical Cables National Grid	January 2024	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural Resources Wales	March 2026	Bi-Annually
Areas of Adopted Green Belt Bridgend County Borough Council Neath Port Talbot County Borough Council - Planning Services Vale Of Glamorgan County Borough Council	March 2026 March 2026 March 2026	Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Bridgend County Borough Council Neath Port Talbot County Borough Council - Planning Services Vale Of Glamorgan County Borough Council	March 2026 March 2026 March 2026	Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural Resources Wales	April 2026	Bi-Annually
Environmentally Sensitive Areas The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Bridgend County Borough Council Neath Port Talbot County Borough Council Vale Of Glamorgan County Borough Council	January 2026 January 2026 January 2026	Bi-Annually Bi-Annually Bi-Annually
Marine Nature Reserves Natural Resources Wales	February 2026	Bi-Annually
National Nature Reserves Natural Resources Wales	June 2026	Bi-Annually
National Parks Natural Resources Wales	October 2025	Annually
Nitrate Vulnerable Zones The National Assembly for Wales - GI Services (Department of Planning & Countryside) Natural Resources Wales	April 2016 February 2026	Annually
Ramsar Sites Natural Resources Wales	February 2026	Bi-Annually
Sites of Special Scientific Interest Natural Resources Wales	May 2026	Bi-Annually
Special Areas of Conservation Natural Resources Wales	June 2026	Bi-Annually
Special Protection Areas Natural Resources Wales	May 2026	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	Bridgend County Borough Council - Environmental Health Department P O Box 4, Civic Offices, Angel Street, Bridgend, Mid Glamorgan, CF31 4WB	Telephone: 01656 643141 Fax: 01656 668126 Website: www.bridgend.gov.uk
5	Bridgend County Borough Council PO Box 4, Civic Offices, Angel Street, Bridgend, Mid Glamorgan, CF31 1LX	Telephone: 01656 643643 Fax: 01656 668126 Website: www.bridgend.gov.uk
6	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
7	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6619 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
8	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MRGF	Blue Lias Formation (Marginal Facies)	Shell-limestone	Not Supplied - Sinemurian
	LVN	Lavernock Shales Member	Mudstone	Not Supplied - Hettangian
	PO	Porthkerry Member	Limestone and Mudstone, Interbedded	Not Supplied - Hettangian
	PNMF	Penarth Group (Marginal Facies)	Sandstone	Not Supplied - Rhaetian
	PNG	Penarth Group	Mudstone	Not Supplied - Rhaetian
	PNMF	Penarth Group (Marginal Facies)	Mudstone	Not Supplied - Rhaetian
	STM	St Mary's Well Bay Member	Limestone and Mudstone, Interbedded	Not Supplied - Rhaetian
	BLI	Blue Lias Formation	Limestone and Mudstone, Interbedded	Not Supplied - Rhaetian
	BAN	Blue Anchor Formation	Mudstone	Not Supplied - Norian
	MMG	Mercia Mudstone Group	Mudstone	Not Supplied - Early Triassic
	MMMF	Mercia Mudstone Group (Marginal Facies)	Conglomerate	Not Supplied - Triassic
	PMSA	Pant Mawr Sandstone Member	Sandstone	Not Supplied - Visean

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	OHL	Oxwich Head Limestone Formation	Limestone	Not Supplied - Visean
	STYL	Stormy Limestone Formation	Limestone	Not Supplied - Visean
	CNLL	Cornelly Oolite Formation	Limestone, Ooidal	Not Supplied - Visean
	HTL	High Tor Limestone Formation	Limestone	Not Supplied - Visean
	HTL	High Tor Limestone Formation	Limestone	Not Supplied - Visean
	CBM	Caswell Bay Mudstone Formation	Limestone and Mudstone, Interbedded	Not Supplied - Visean
	GUO	Gully Oolite Formation	Limestone, Ooidal	Not Supplied - Visean
	FPL	Friars Point Limestone Formation	Limestone	Not Supplied - Tournaisian
		Faults		

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Geology 1:50,000 Maps

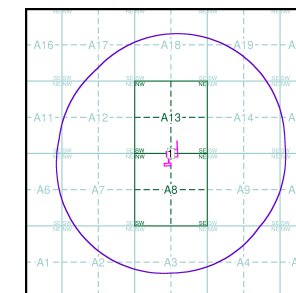
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID: 1
Map Sheet No: 262
Map Name: Bridgend
Map Date: 1990
Bedrock Geology: Available
Superficial Geology: Available
Artificial Geology: Available
Faults: Not Supplied
Landslip: Available
Rock Segments: Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

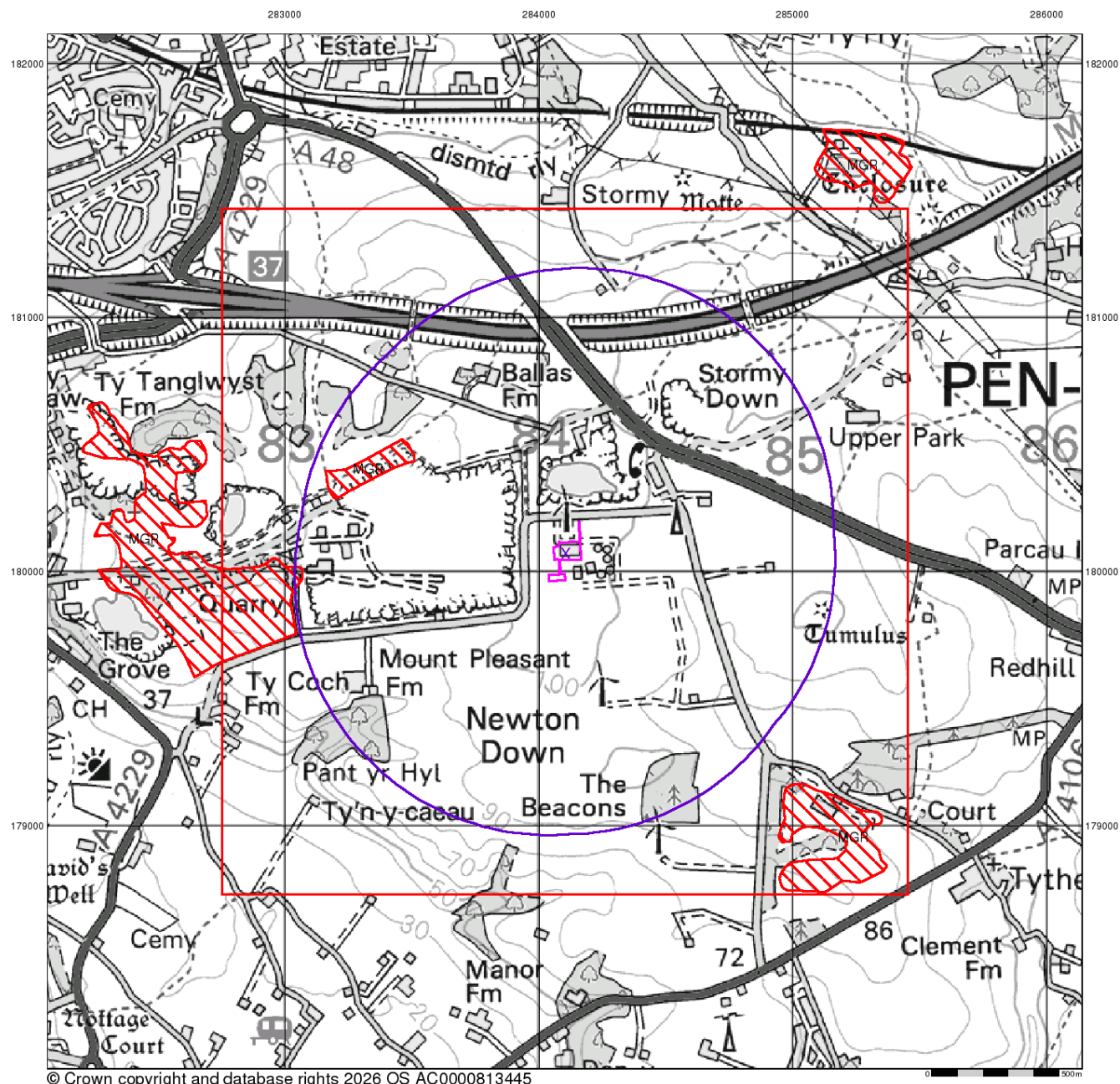
Order Number: 404923475_1_1
Customer Reference: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 1000

Site Details:

Cenin Renewables, Solcer House, Stormy Down, Pyle, Bridgend, CF33 4RS

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Artificial Ground and Landslip

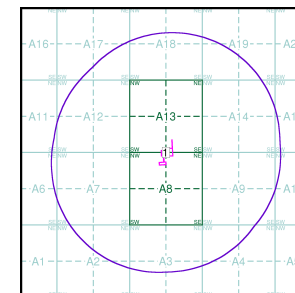
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

Order Number: 404923475_1_1
 Customer Reference: CENI.01.01
 National Grid Reference: 284110, 180070
 Slice: A
 Site Area (Ha): 0.89
 Search Buffer (m): 1000

Site Details:

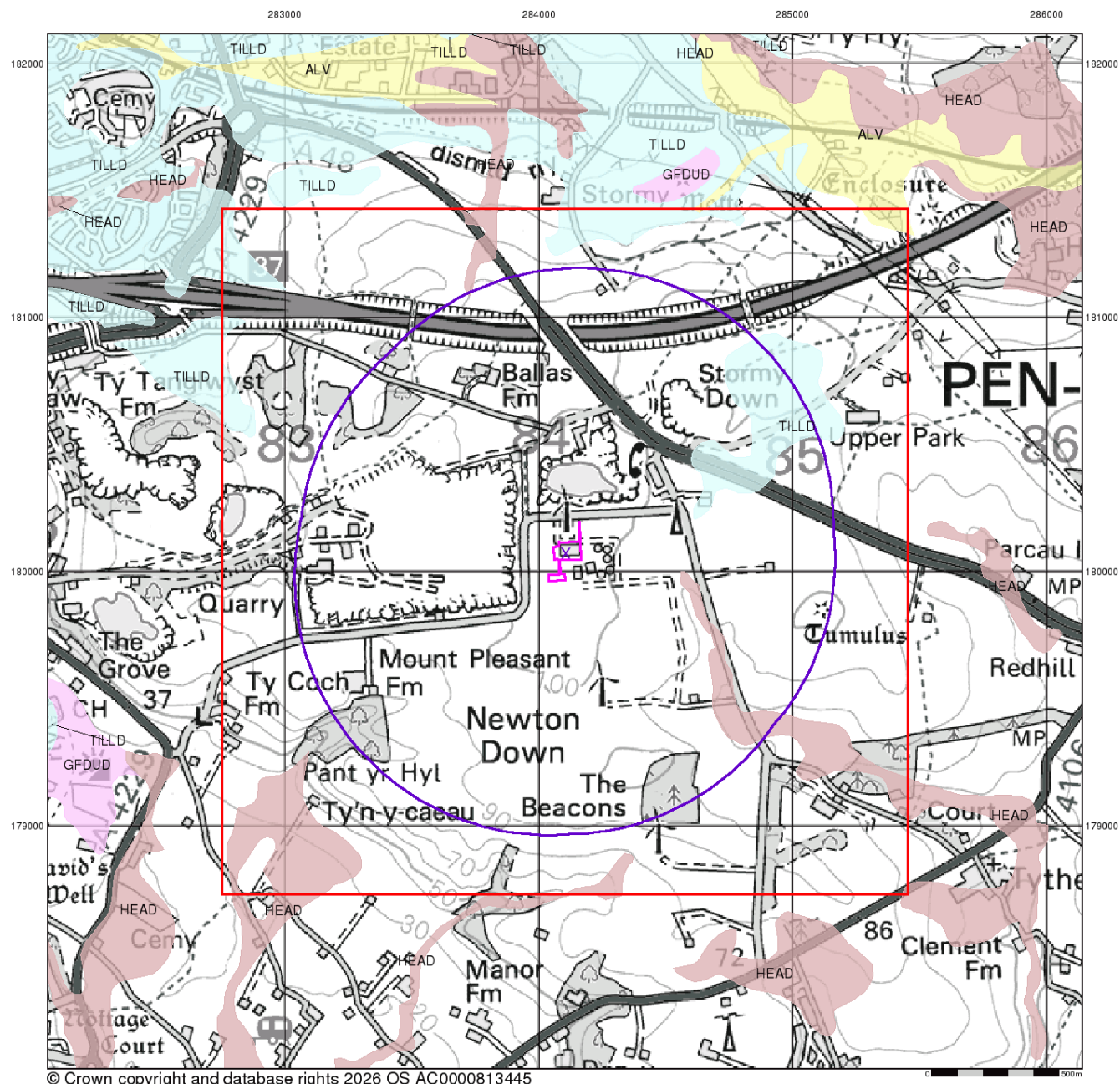
Cenin Renewables, Solcer House, Stormy Down, Pyle, Bridgend, CF33 4RS

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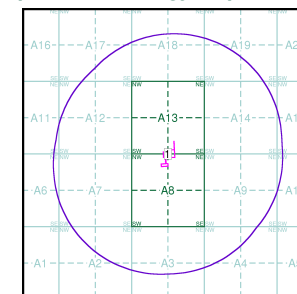
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



Order Details:

Order Number: 404923475_1_1
Customer Reference: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 1000

Site Details:

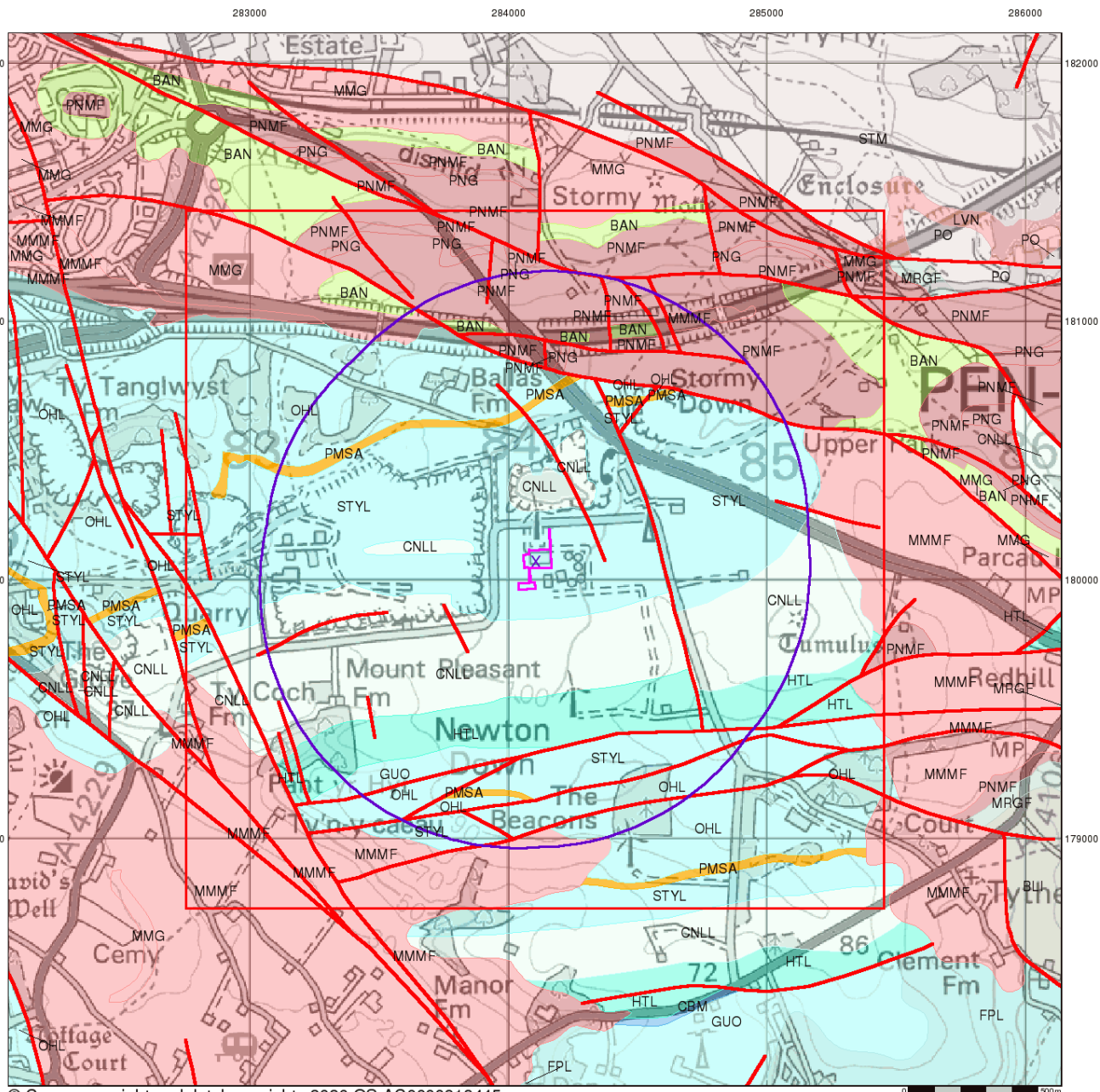
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Bedrock and Faults

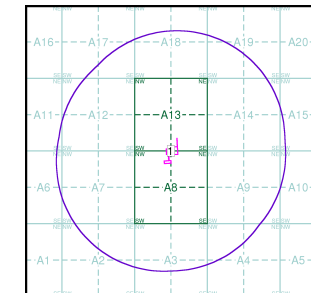
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



Order Details:

Order Number: 404923475_1_1
Customer Reference: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 1000

Site Details:

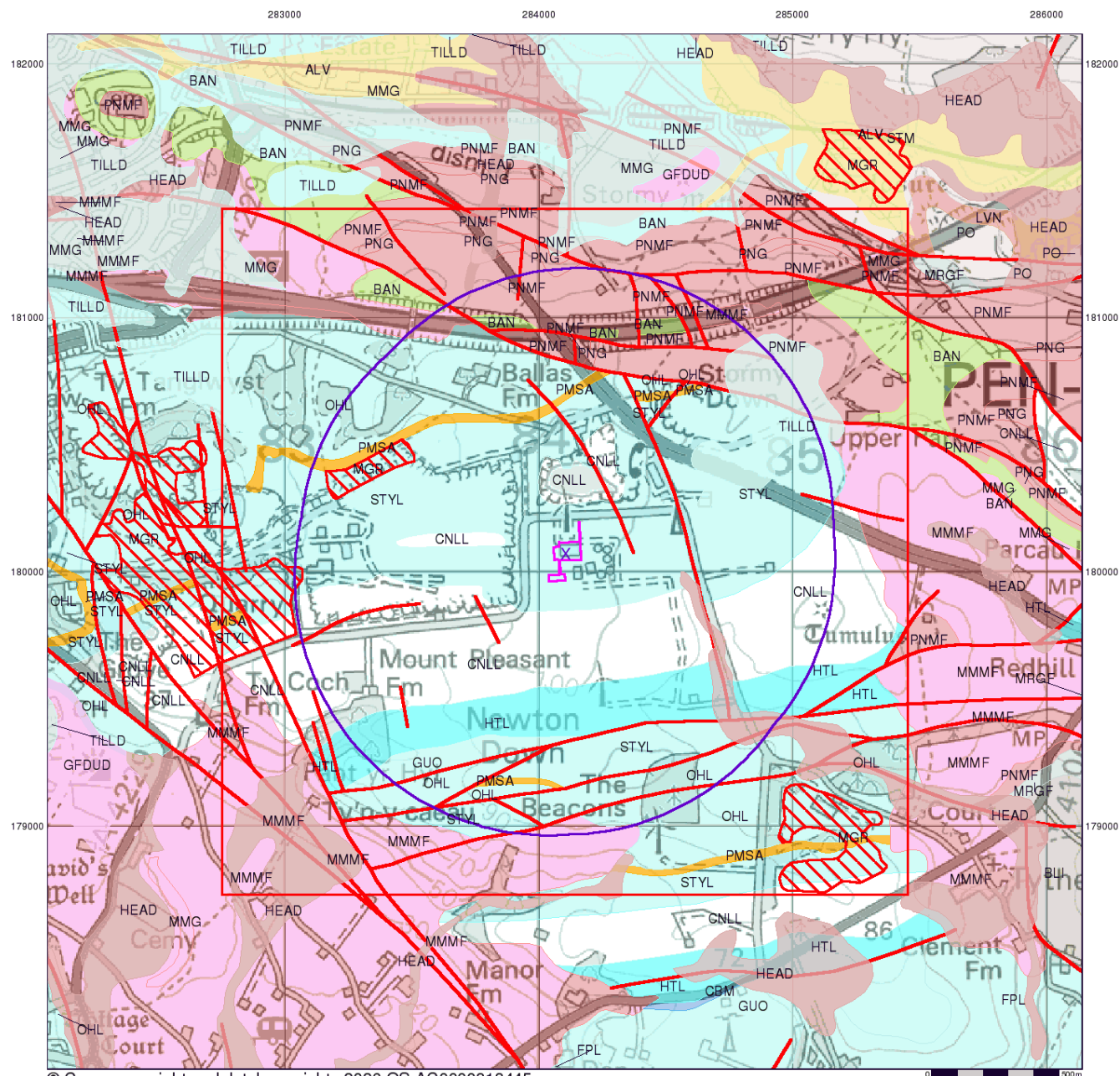
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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG

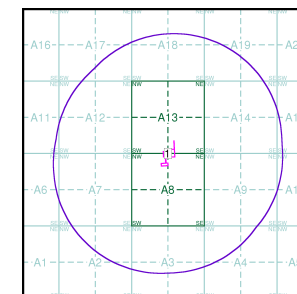
Telephone: 0115 936 3143

Fax: 0115 936 3276

email: enquiries@bgs.ac.uk

website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

Order Number: 404923475_1_1
Customer Reference: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 1000

Site Details:

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Page 5 of 5

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

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

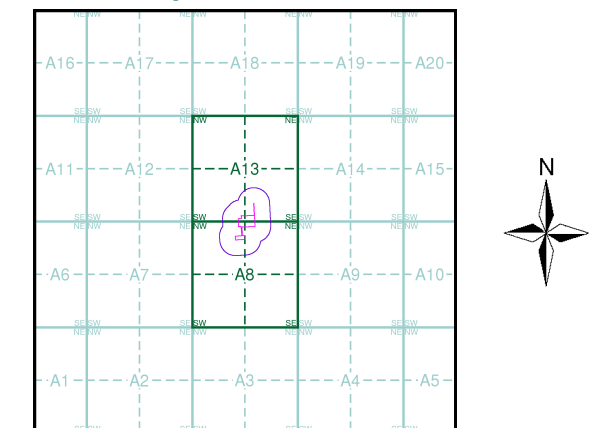
1:10,000 Raster Mapping

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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:10,560	1884 - 1885	2
Glamorganshire	1:10,560	1900	3
Glamorganshire	1:10,560	1921	4
Glamorganshire	1:10,560	1947 - 1950	5
Historical Aerial Photography	1:10,560	1947 - 1949	6
Ordnance Survey Plan	1:10,000	1964 - 1965	7
Ordnance Survey Plan	1:10,000	1969	8
Ordnance Survey Plan	1:10,000	1972	9
Ordnance Survey Plan	1:10,000	1980 - 1987	10
Ordnance Survey Plan	1:10,000	1992 - 1995	11
10K Raster Mapping	1:10,000	1999	12
10K Raster Mapping	1:10,000	2006	13
VectorMap Local	1:10,000	2026	14

Historical Map - Slice A

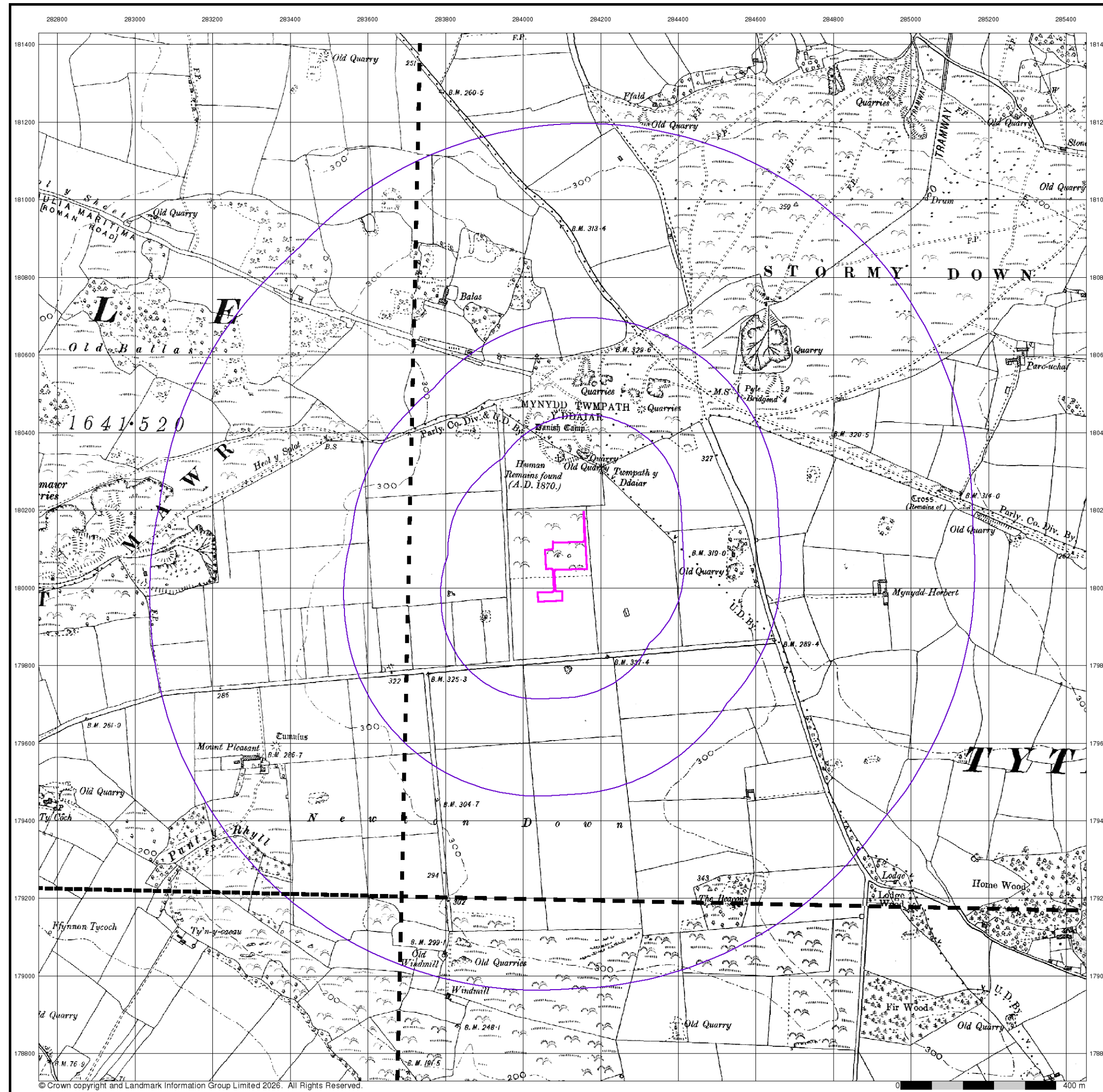


Order Details

Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 1000

Site Details

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Glamorganshire

Published 1900

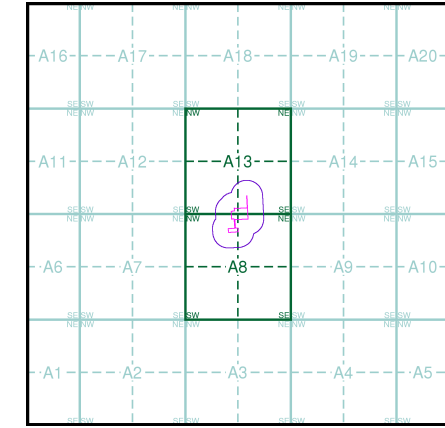
Source map scale - 1:10,560

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)

039NE 1900 1:10,560	040NW 1900 1:10,560
039SE 1900 1:10,560	040SW 1900 1:10,560

Historical Map - Slice A



Order Details

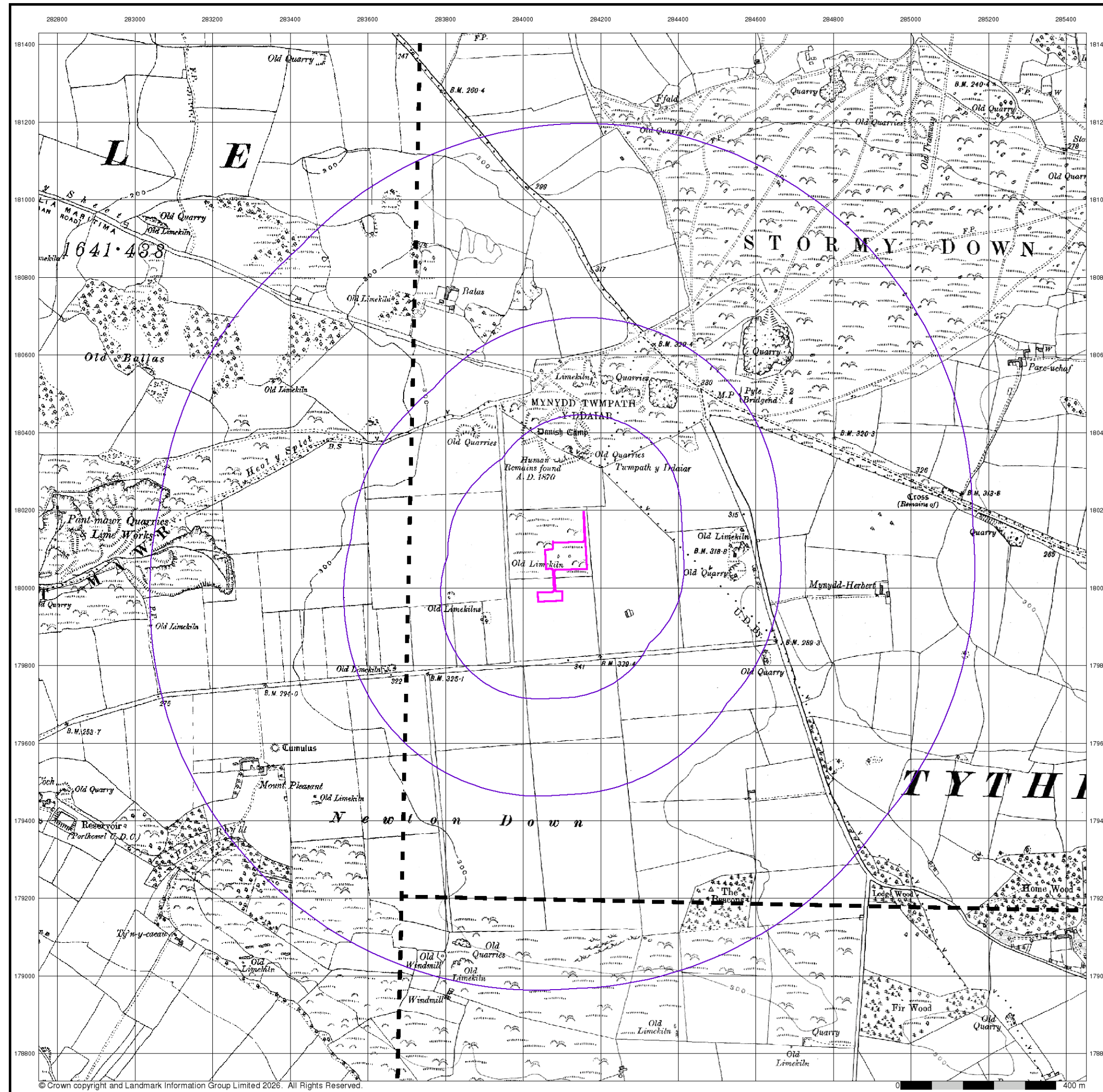
Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 1000

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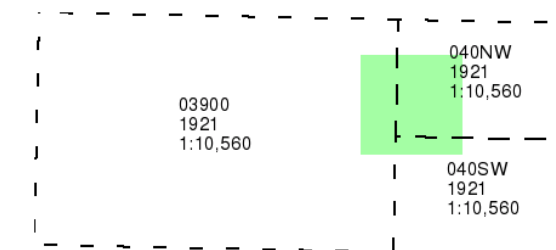
Glamorganshire

Published 1921

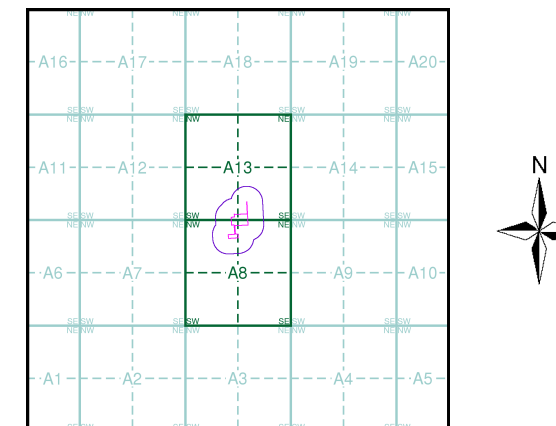
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

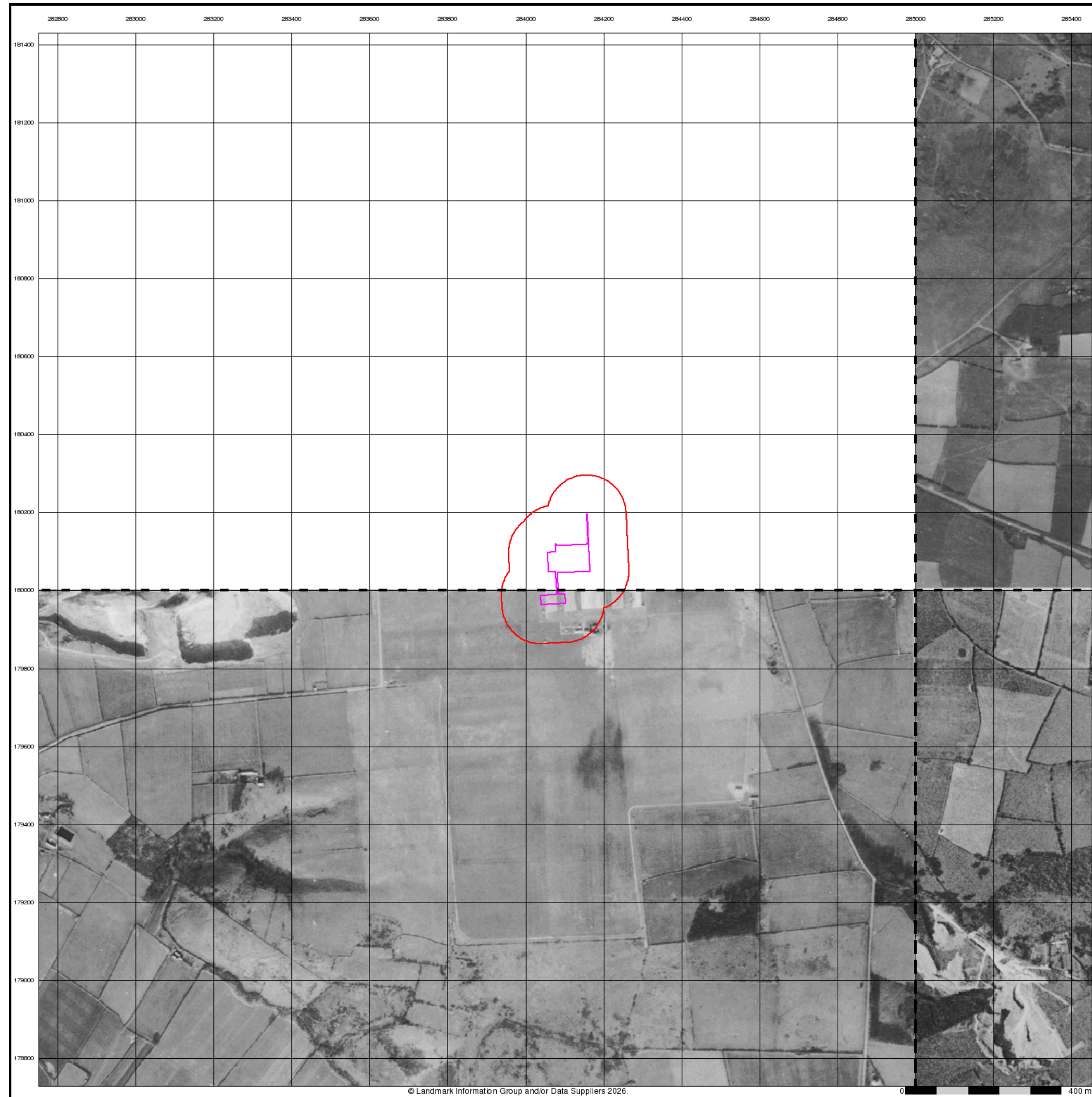
Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 1000

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Historical Aerial Photography

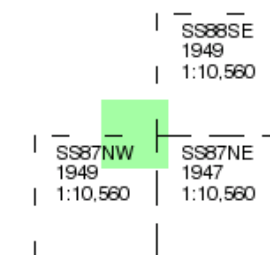
Published 1947 - 1949

Source map scale - 1:10,560

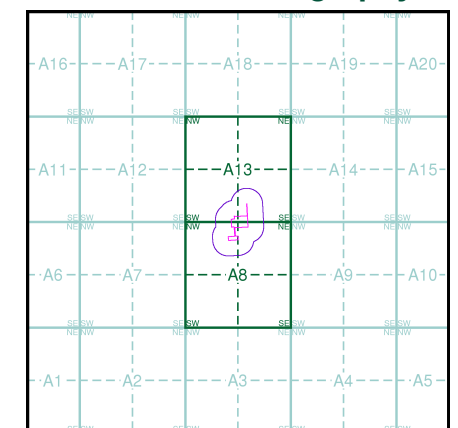
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A

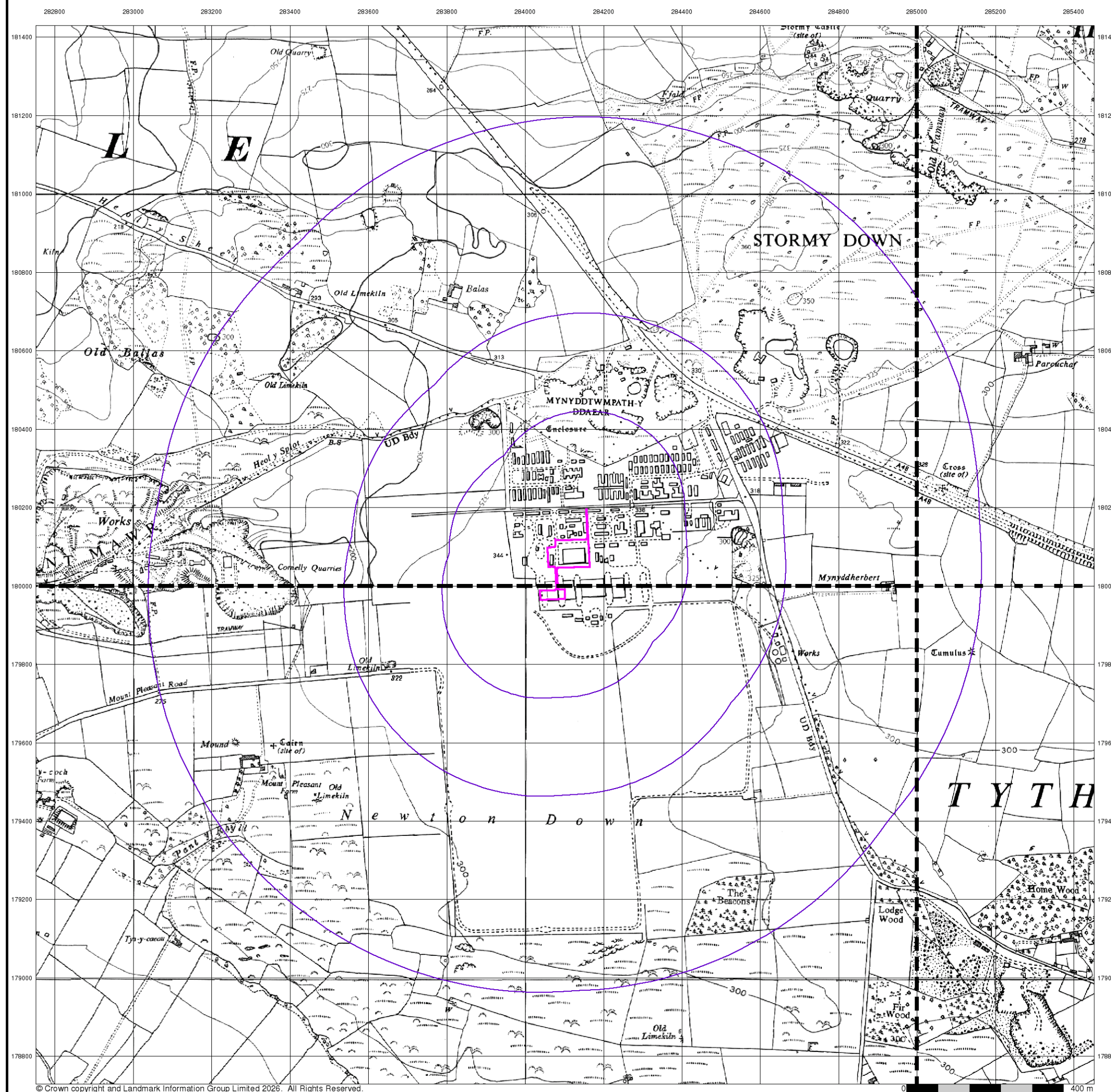


Order Details

Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1964 - 1965

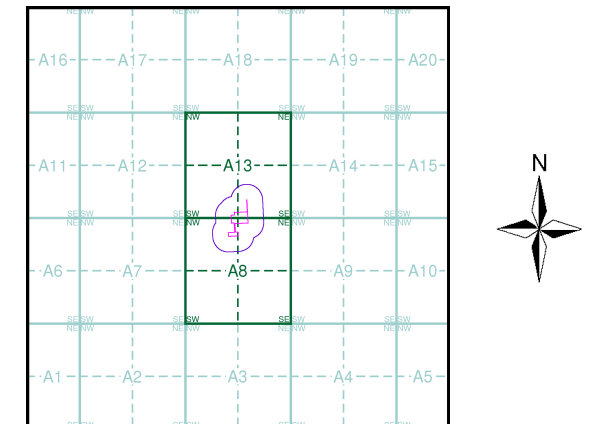
Source map scale - 1:10,000

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)

SS88SW 1965 1:10,560	SS88SE 1964 1:10,560
SS87NW 1964 1:10,560	SS87NE 1964 1:10,560

Historical Map - Slice A



Order Details

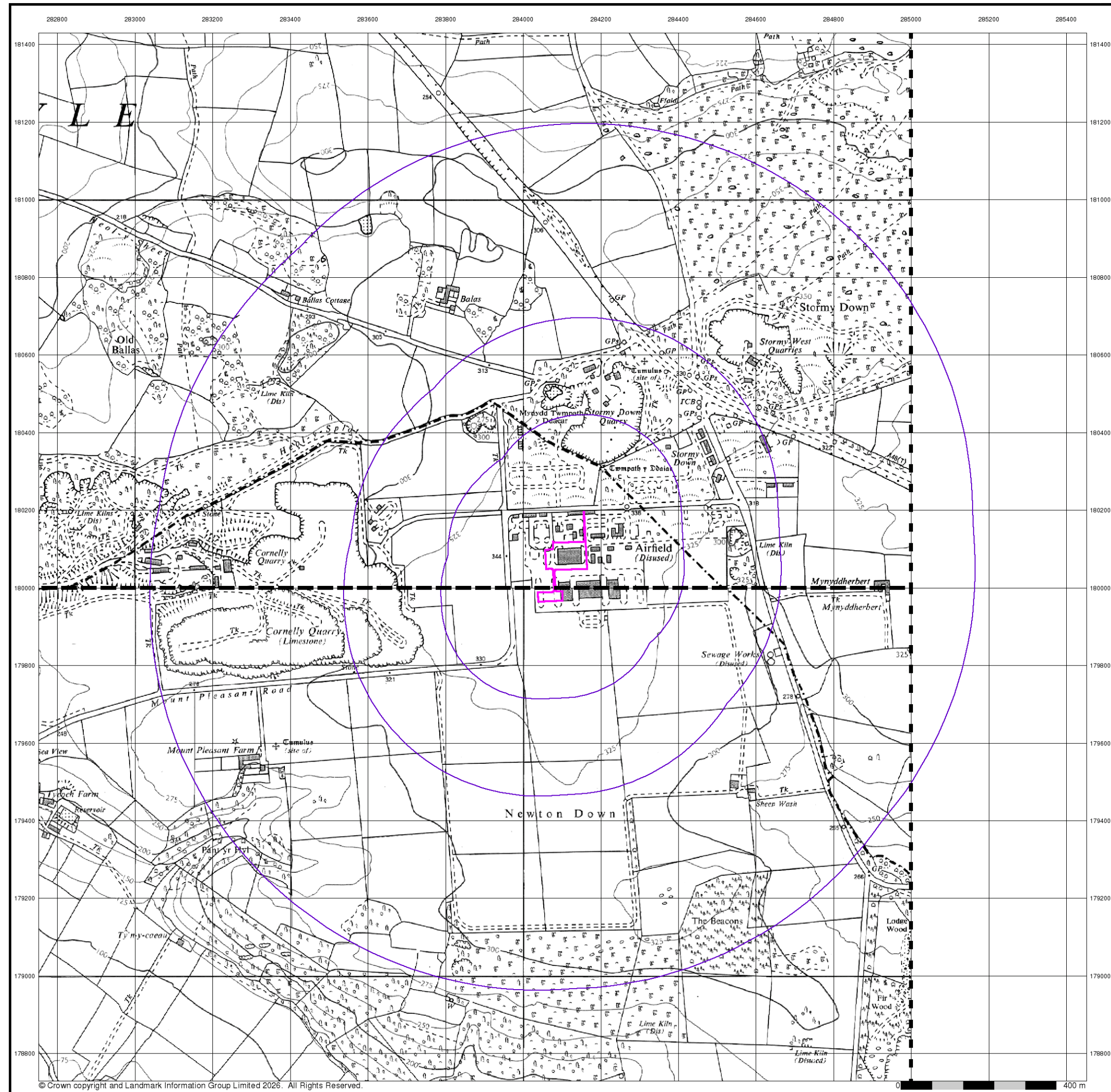
Order Number: 404923475_1_1
Customer Ref: CEN1.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1969

Source map scale - 1:10,000

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Map Name(s) and Date(s)

SS88SW	1969	1:10,560
SS87NW	1969	1:10,560

Historical Map - Slice A

Order Details

Order Number:	404923475_1_1
Customer Ref:	CENI.01.01
National Grid Reference:	284110, 180070
Slice:	A
Site Area (Ha):	0.89
Search Buffer (m):	1000

Site Details

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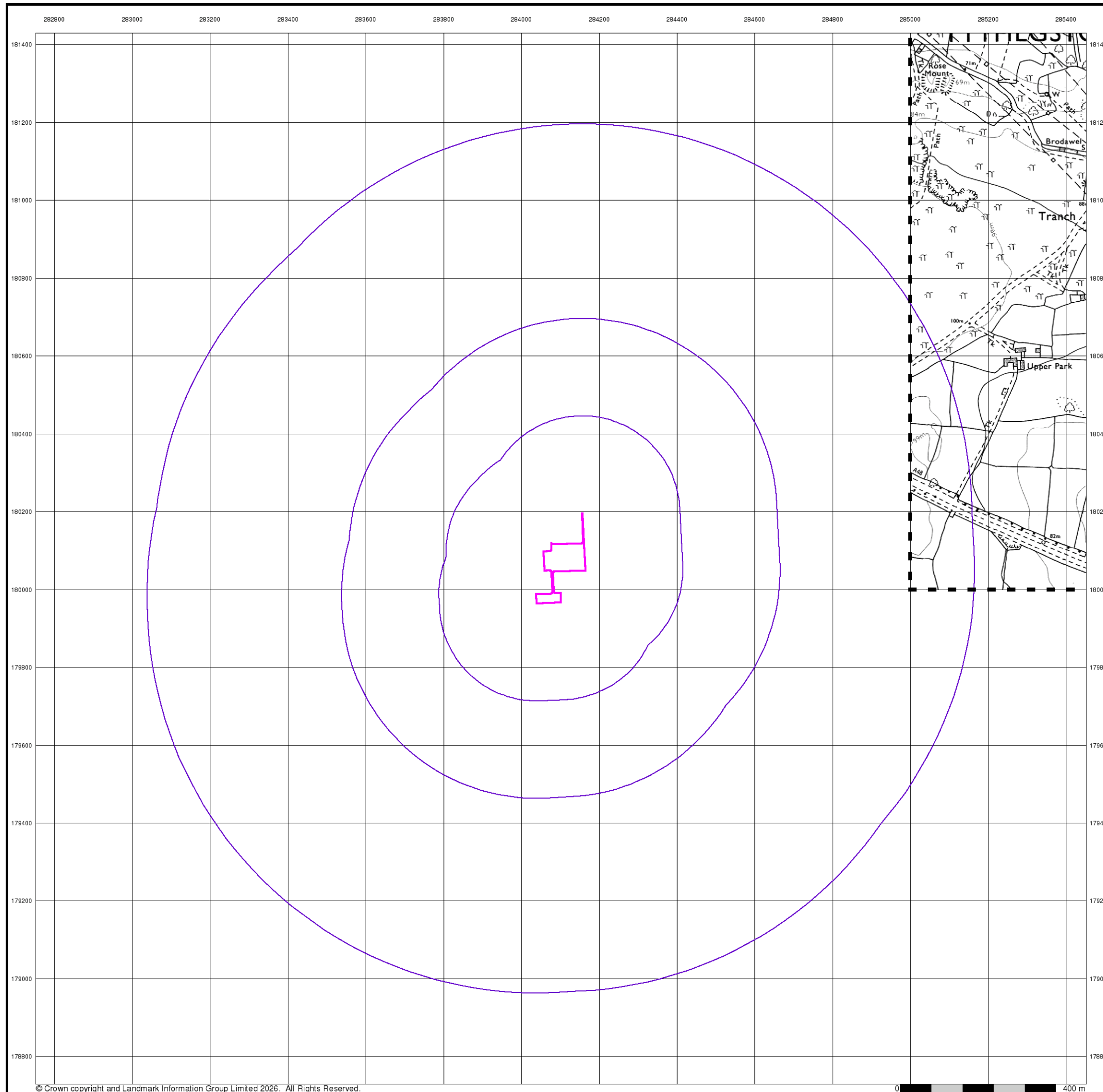
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A Landmark Information Group Service v50.0 17-Jun-2026 Page 8 of 14



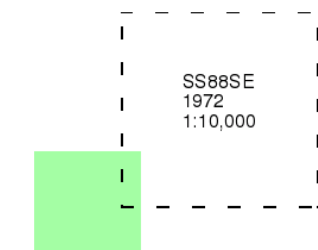
Ordnance Survey Plan

Published 1972

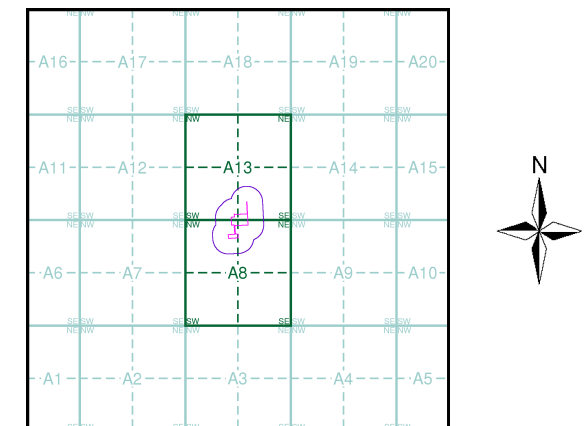
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

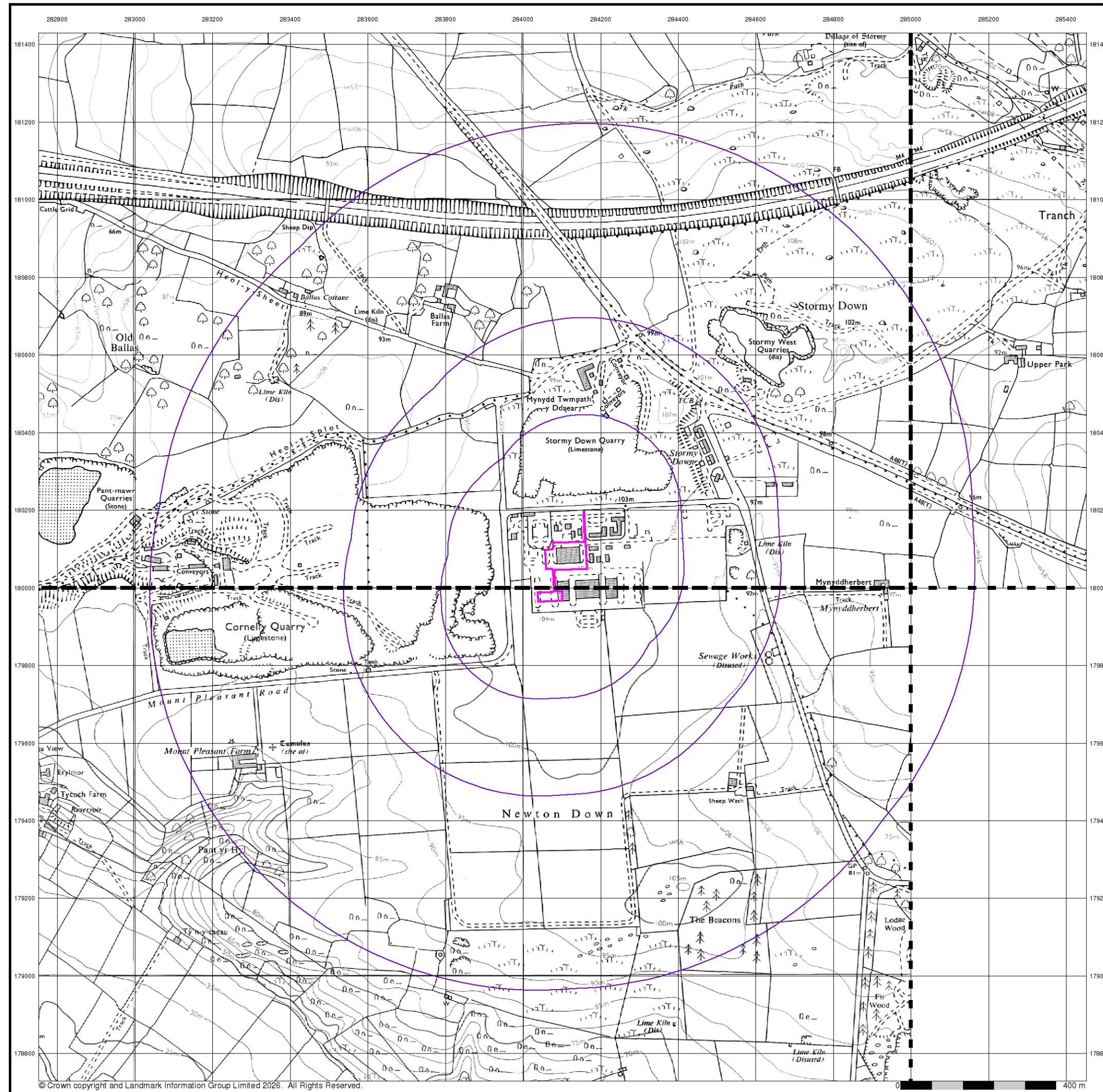


Order Details

Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1980 - 1987

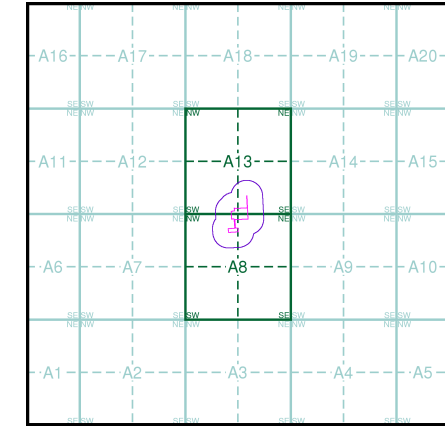
Source map scale - 1:10,000

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)

SS88SW	SS88SE
1987	1987
1:10,000	1:10,000
SS87NW	
1980	
1:10,000	

Historical Map - Slice A



Order Details

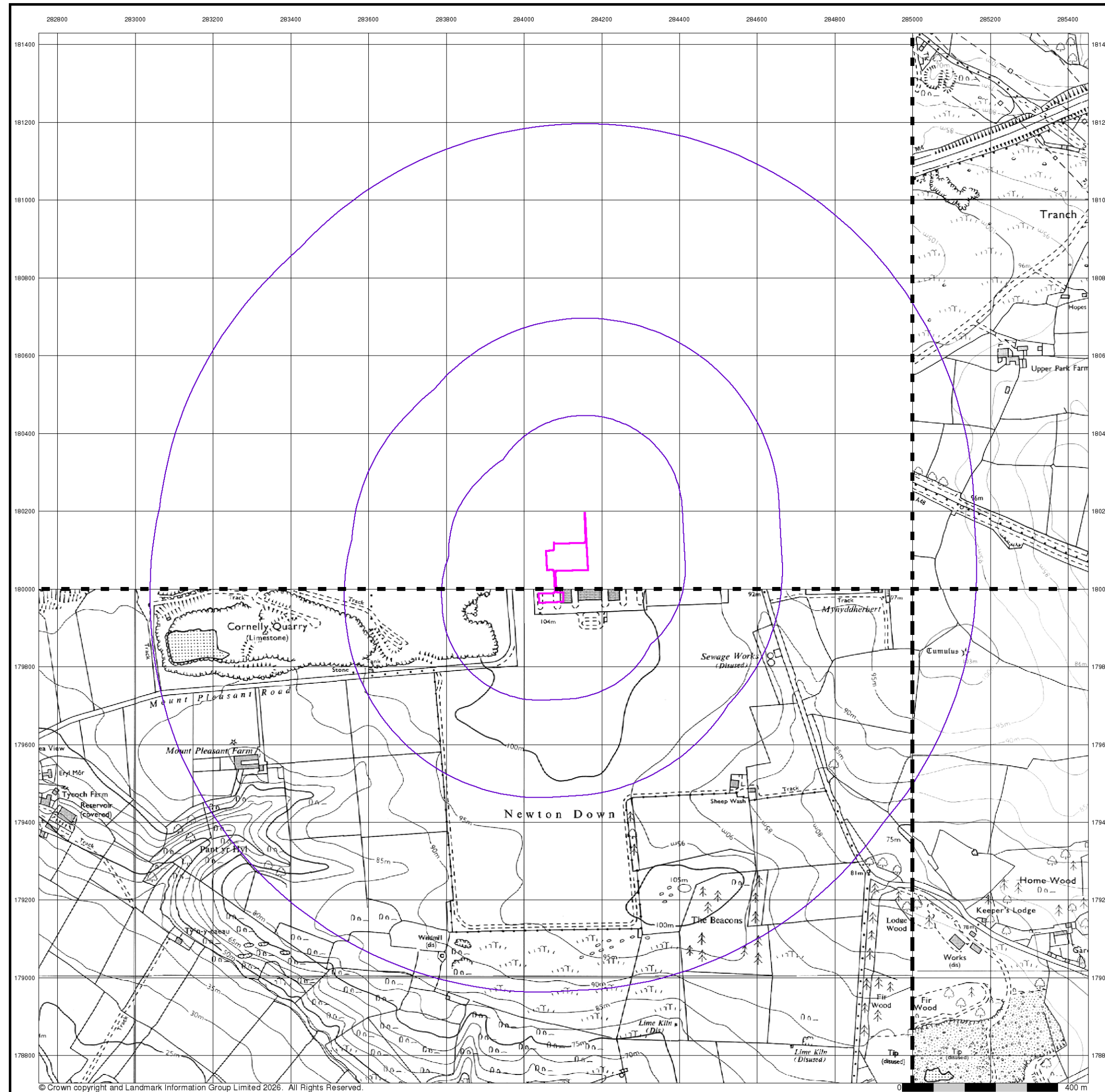
Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1992 - 1995

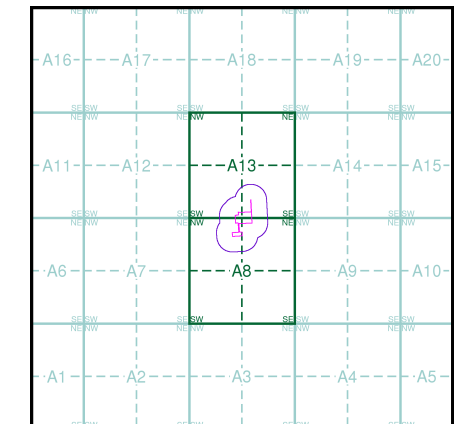
Source map scale - 1:10,000

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)

	SS88SE	
	1995	
	1:10,000	
SS87NW		SS87NE
1992		1992
1:10,000		1:10,000

Historical Map - Slice A



Order Details

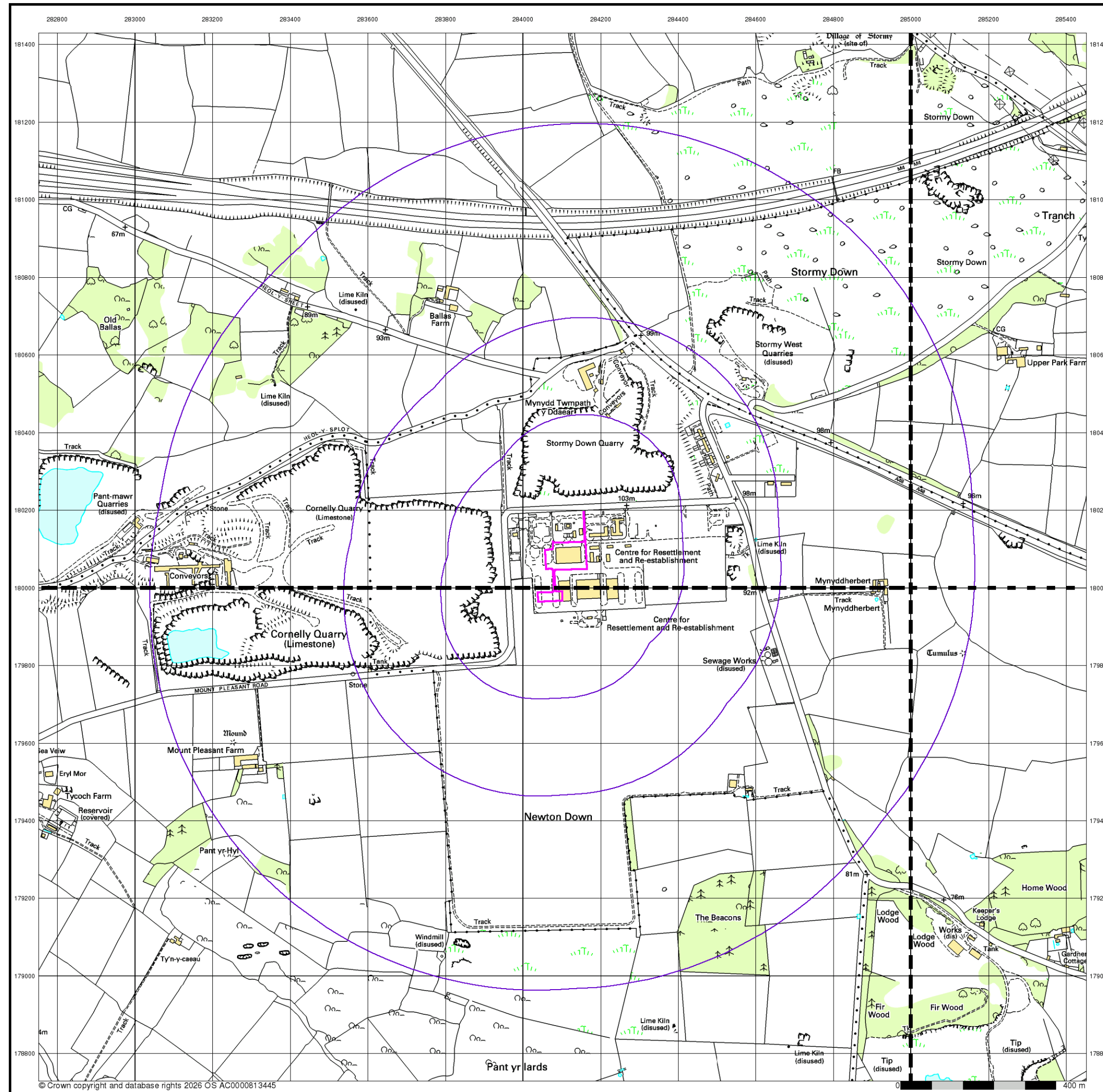
Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 1000

Site Details

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10k Raster Mapping

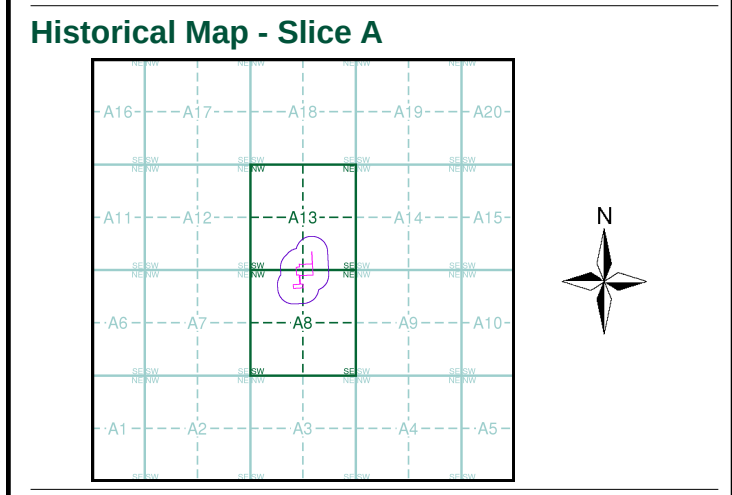
Published 1999

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)

SS88SW	SS88SE
1999	1999
1:10,000	1:10,000
SS87NW	SS87NE
1999	1999
1:10,000	1:10,000



Order Details

Order Number: 404923475_1_1

Customer Ref: CENI.01.01

National Grid Reference: 284110, 180070

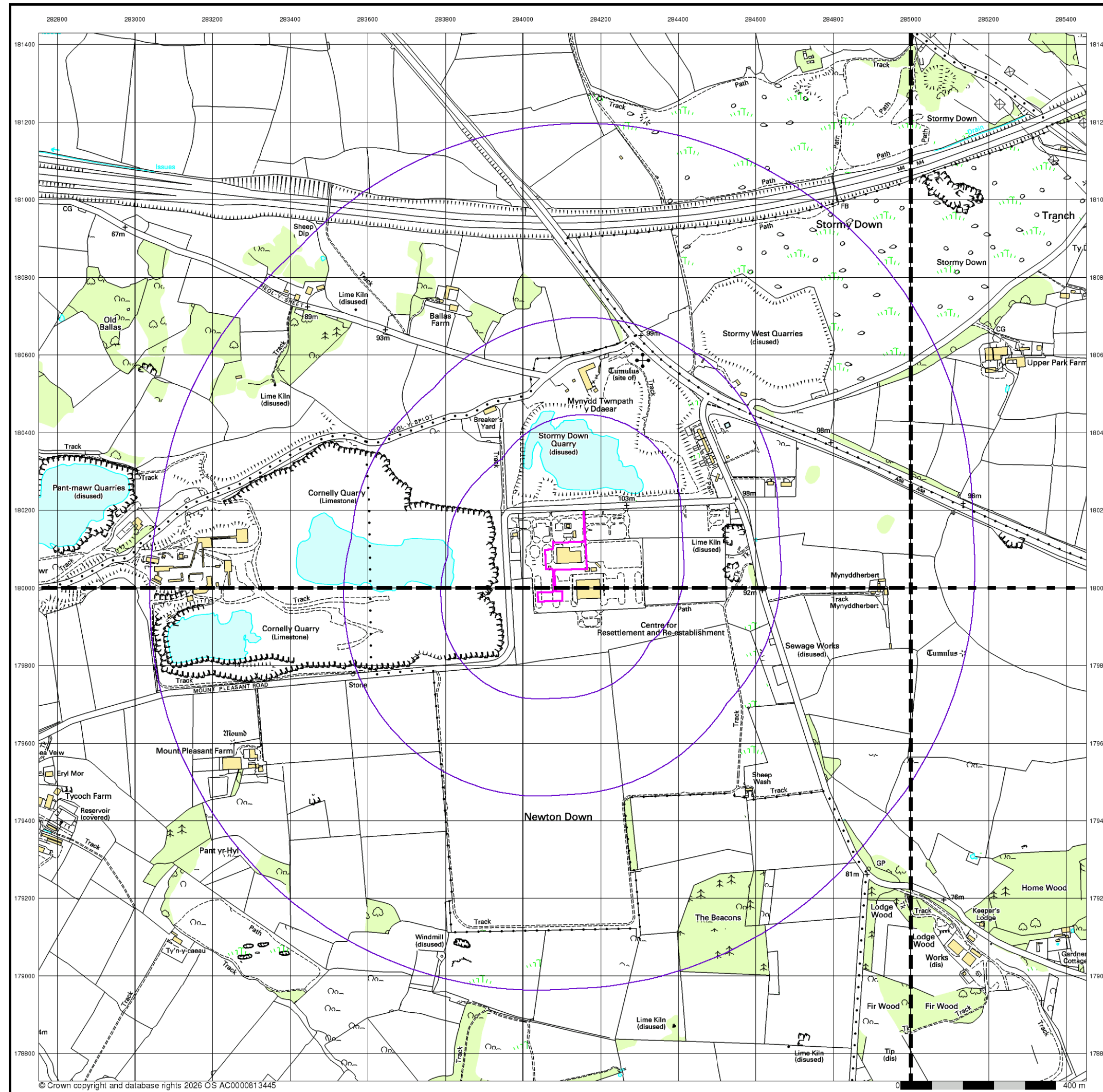
Slice: A

Site Area (Ha): 0.89

Search Buffer (m): 1000

Site Details

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10k Raster Mapping

Published 2006

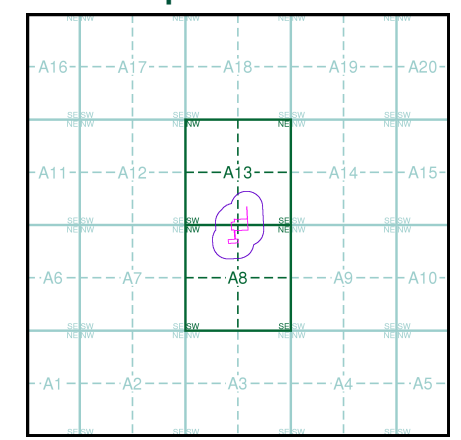
Source map scale - 1:10,000

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)

SS88SW	SS88SE
2006	2006
1:10,000	1:10,000
SS87NW	SS87NE
2006	2006
1:10,000	1:10,000

Historical Map - Slice A



Order Details

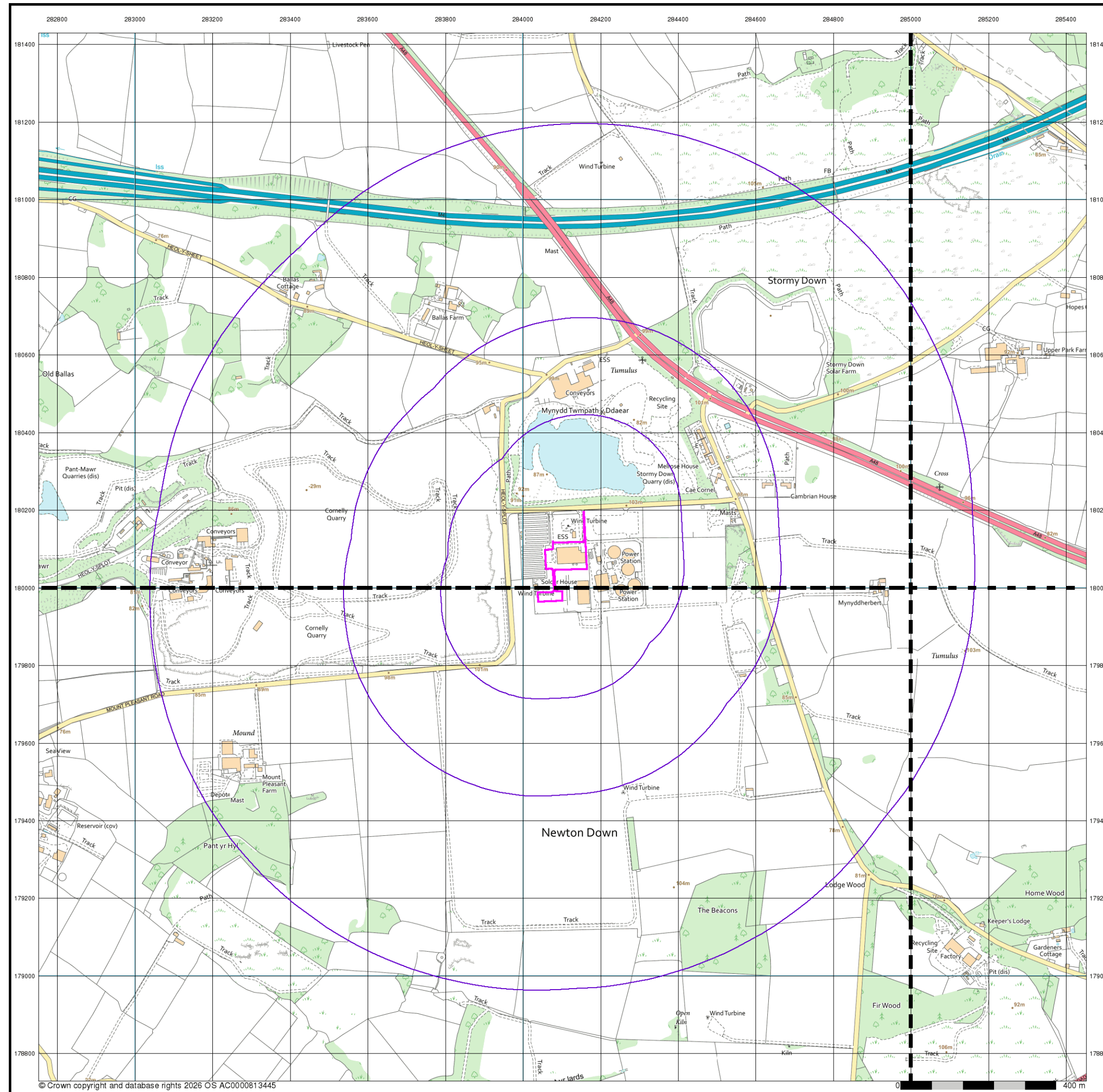
Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 1000

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VectorMap Local

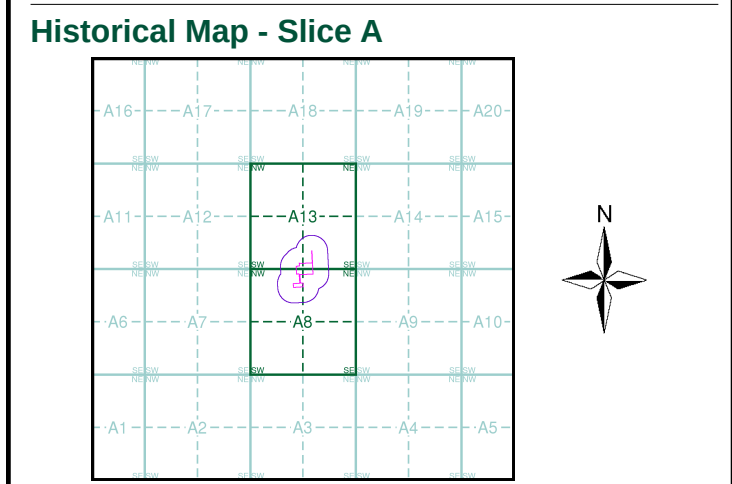
Published 2026

Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)

SS88SW	SS88SE
2026	2026
Variable	Variable
SS87NW	SS87NE
2026	2026
Variable	Variable



Order Details

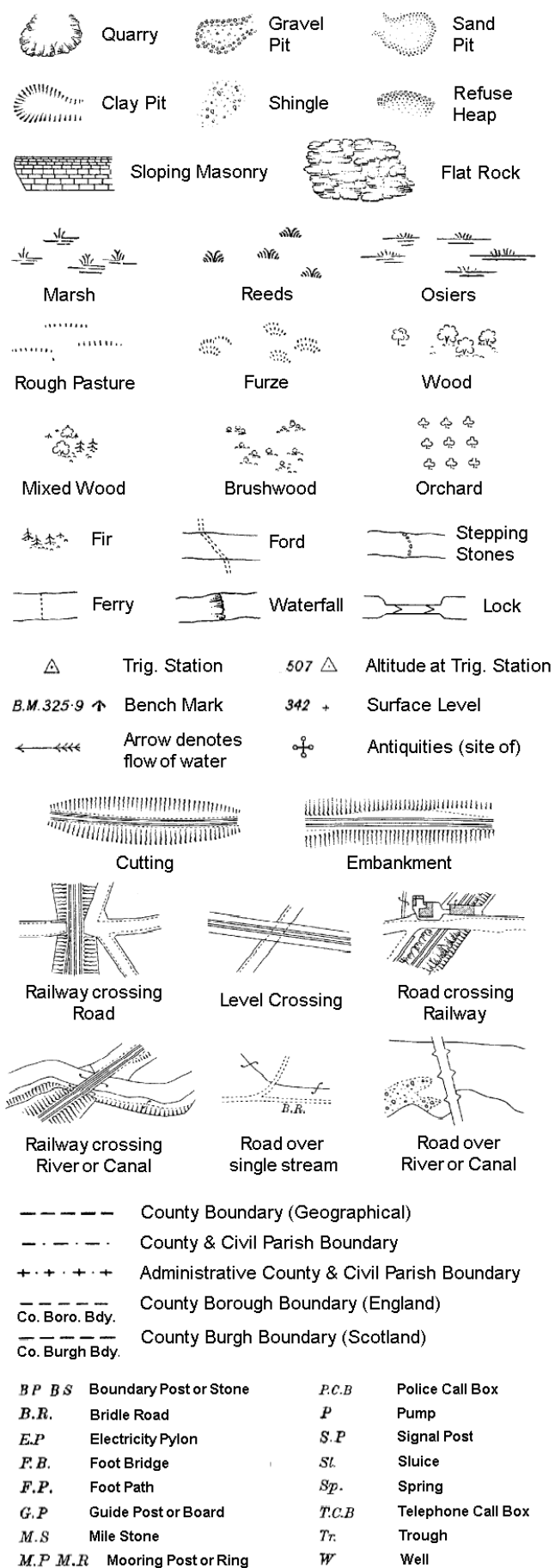
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National Grid Reference:	284110, 180070
Slice:	A
Site Area (Ha):	0.89
Search Buffer (m):	1000

Site Details

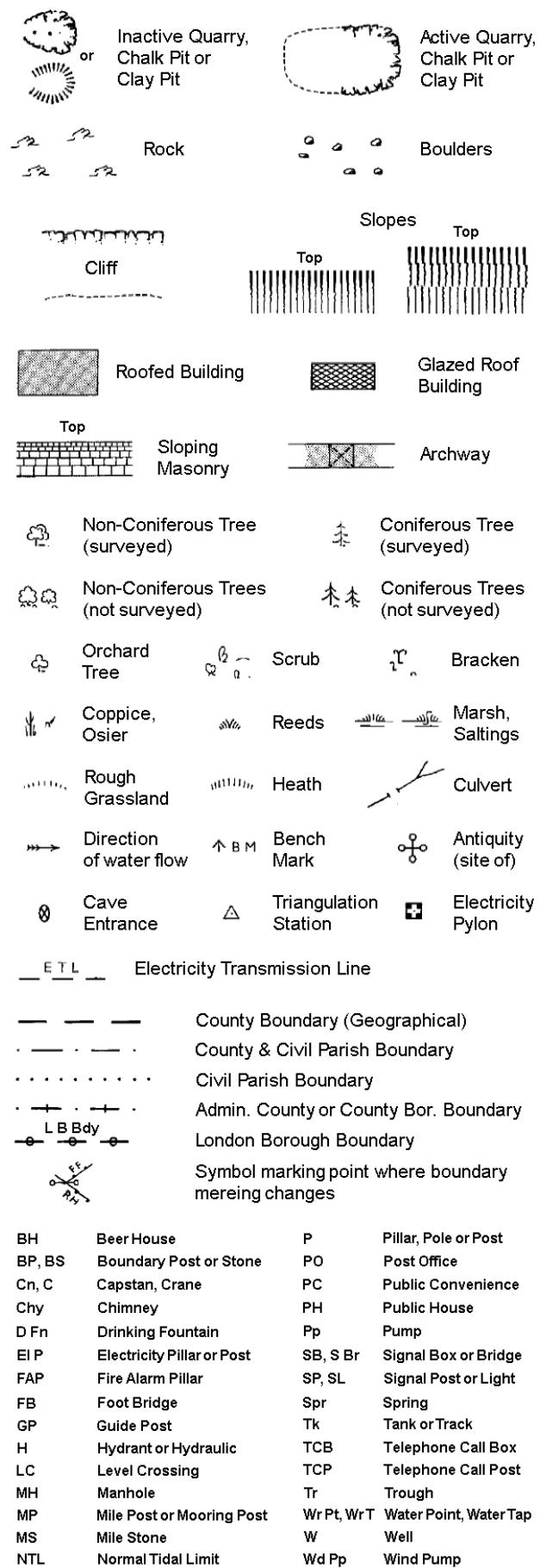
Cenin Renewables, Solcer House, Stormy Down, Pyle, Bridgend, CF33 4RS

Historical Mapping Legends

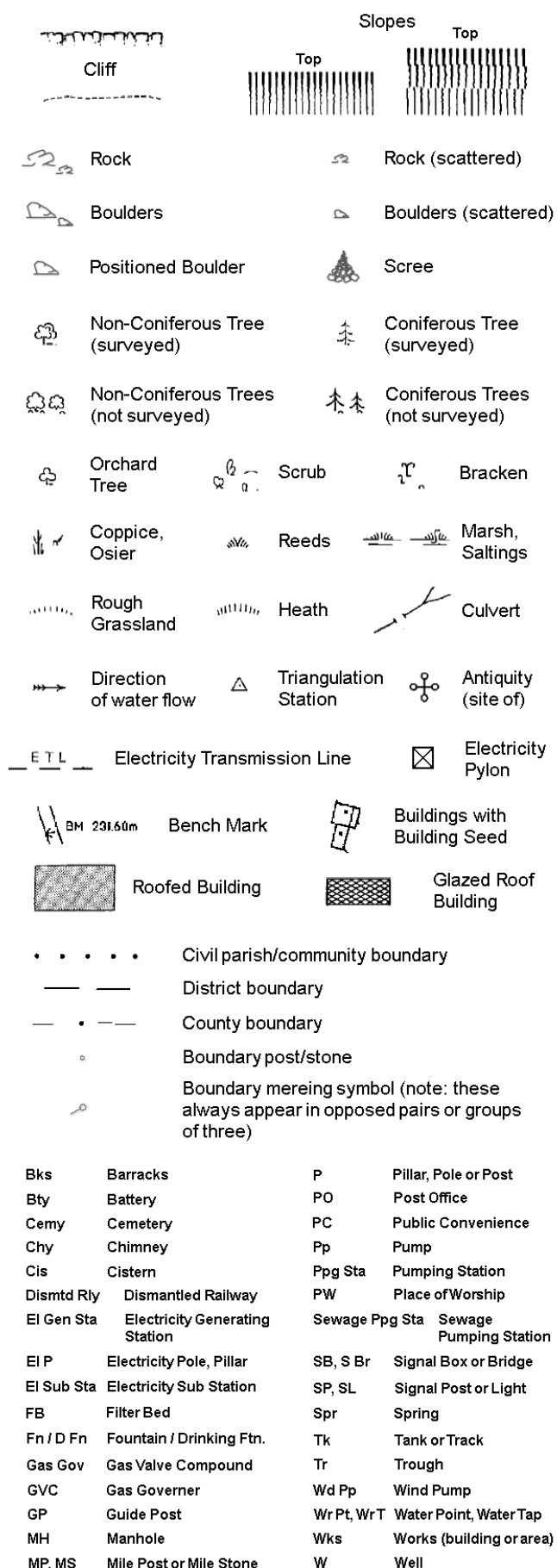
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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



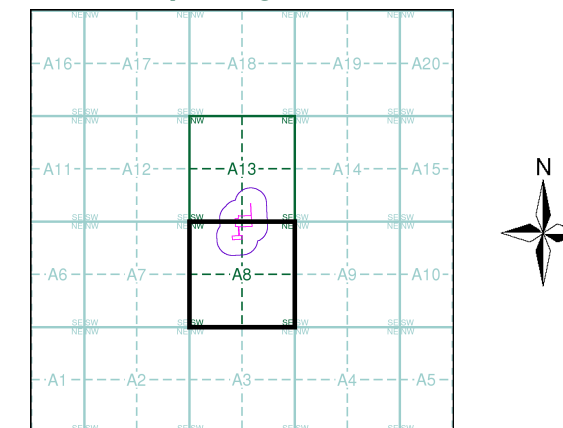
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1876	2
Glamorganshire	1:2,500	1899	3
Glamorganshire	1:2,500	1919	4
Glamorganshire	1:2,500	1940	5
Ordnance Survey Plan	1:2,500	1966	6
Additional SIMs	1:2,500	1982 - 1987	7
Additional SIMs	1:2,500	1986	8
Ordnance Survey Plan	1:2,500	1988	9
Large-Scale National Grid Data	1:2,500	1993	10
Historical Aerial Photography	1:2,500	2000	11

Historical Map - Segment A8



Order Details

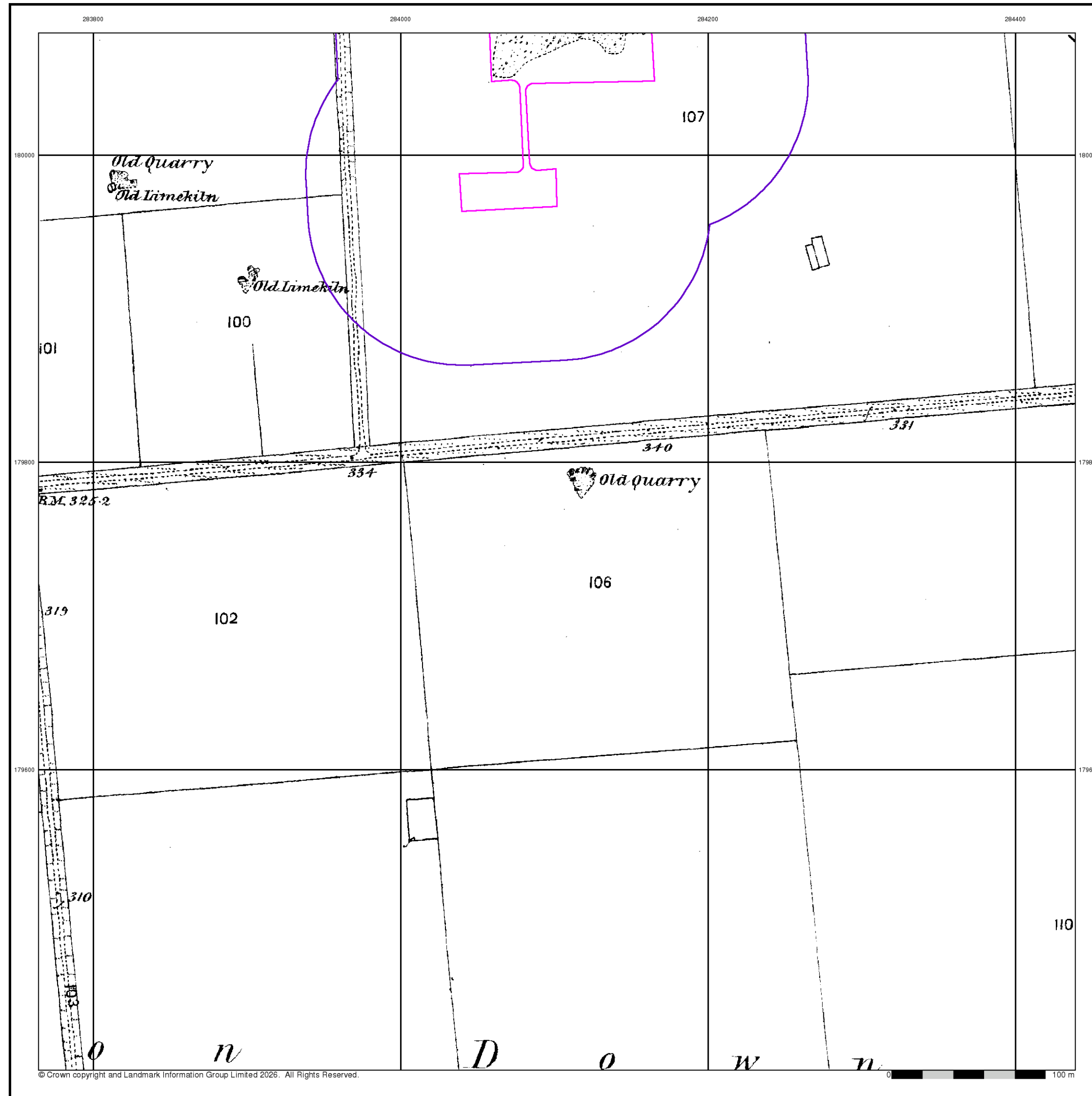
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Customer Ref:	CENI.01.01
National Grid Reference:	284110, 180070
Slice:	A
Site Area (Ha):	0.89
Search Buffer (m):	100

Site Details

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Bridgend, CF33 4RS

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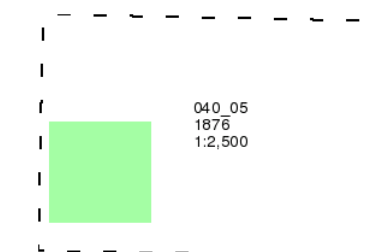
Glamorganshire

Published 1876

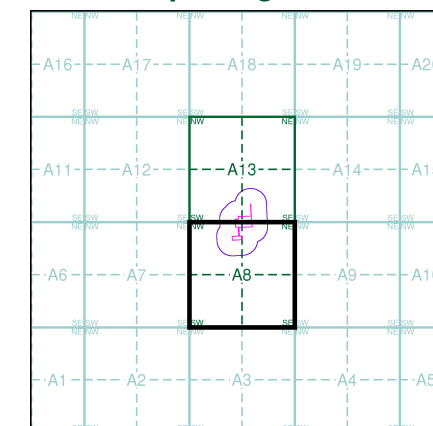
Source map scale - 1:2,500

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 A8



Order Details

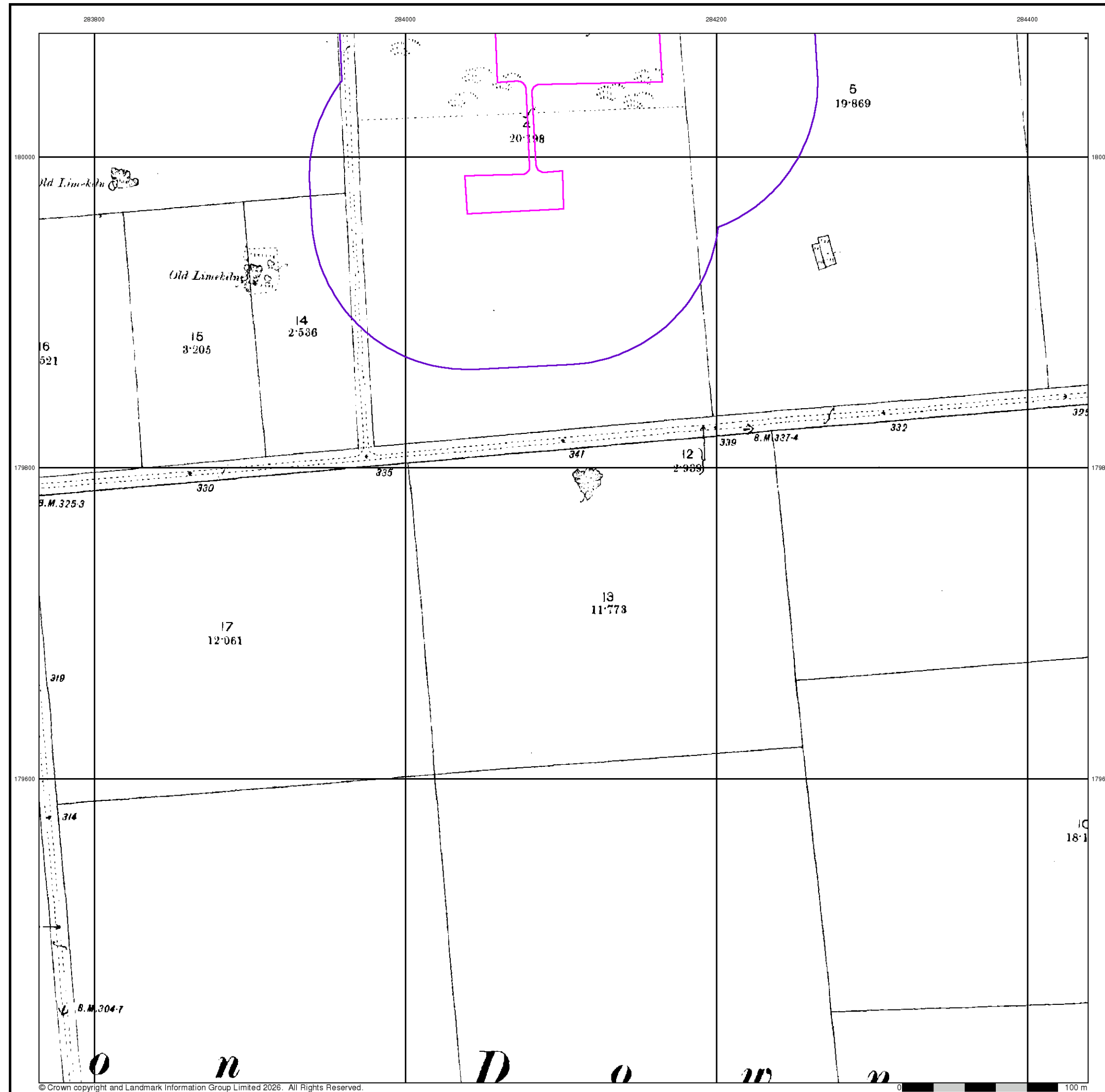
Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 100

Site Details

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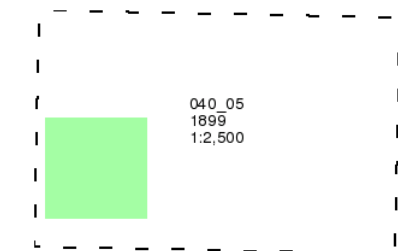
Glamorganshire

Published 1899

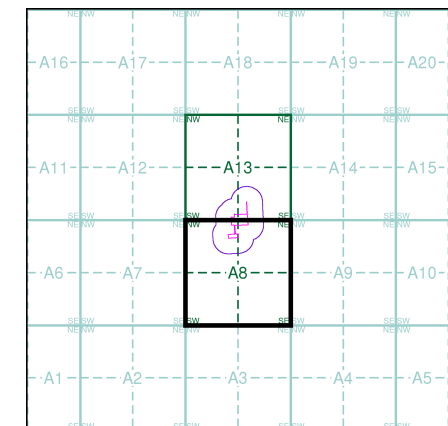
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)



Historical Map - Segment A8

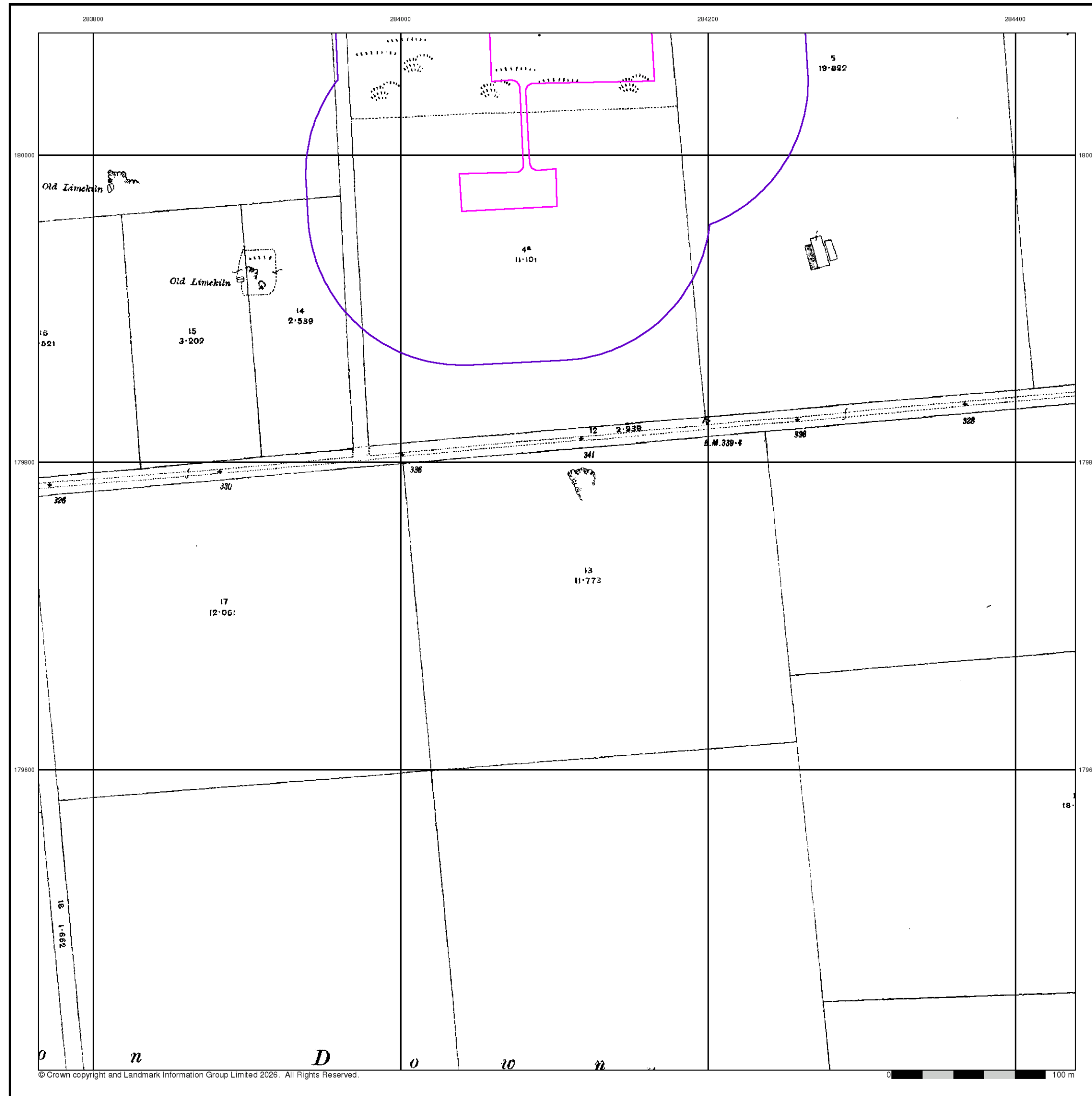


Order Details

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National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 100

Site Details

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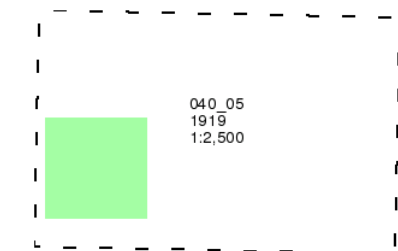
Glamorganshire

Published 1919

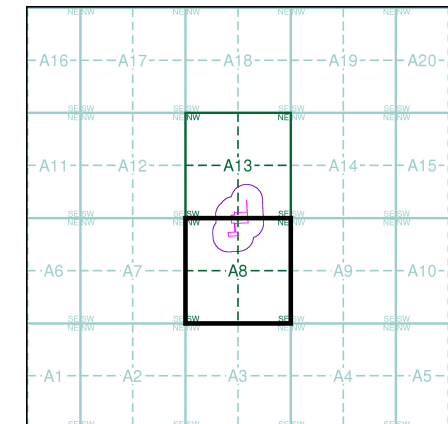
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A8

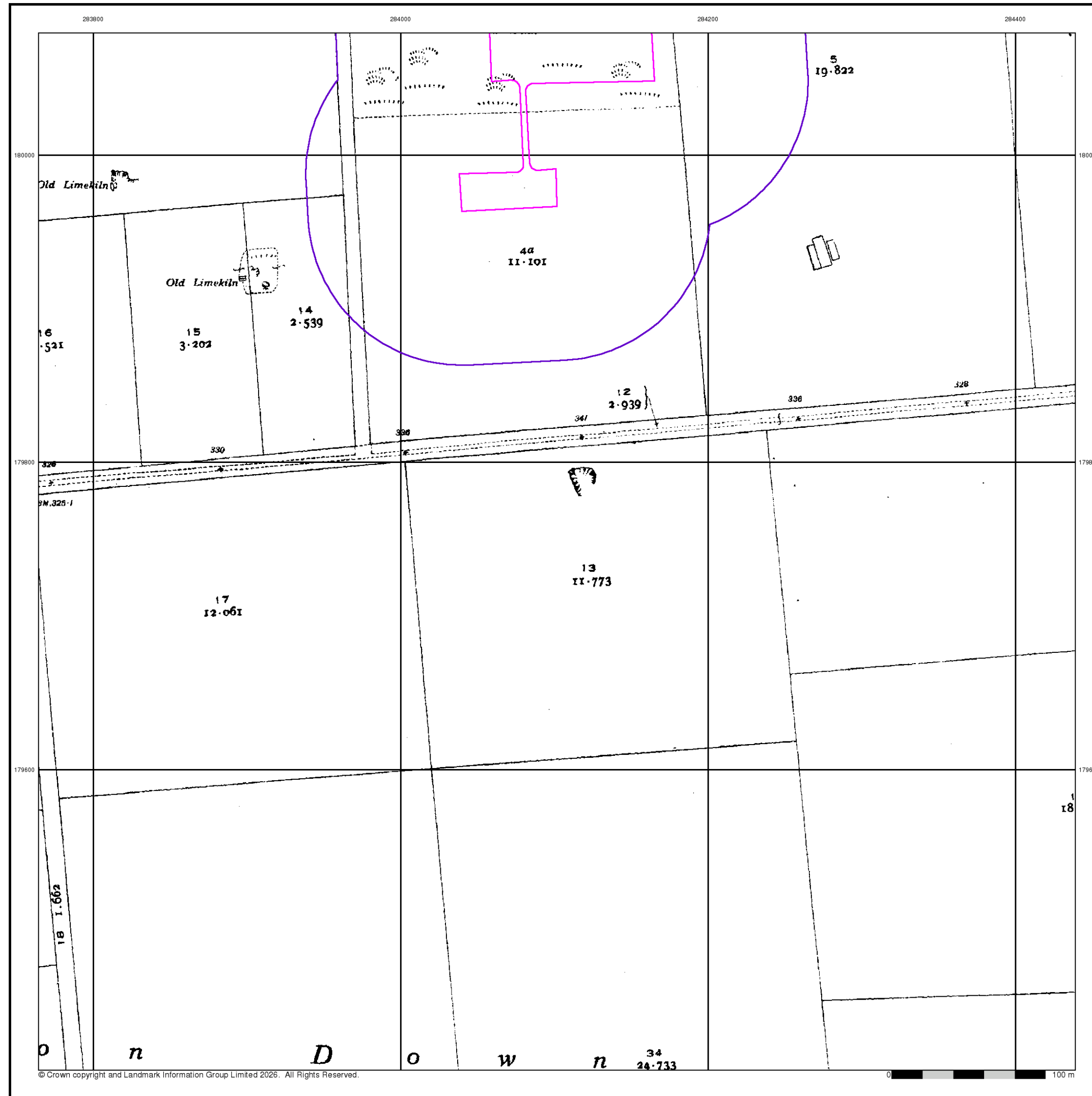


Order Details

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Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 100

Site Details

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0 100 m

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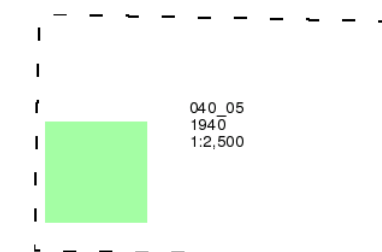
Glamorganshire

Published 1940

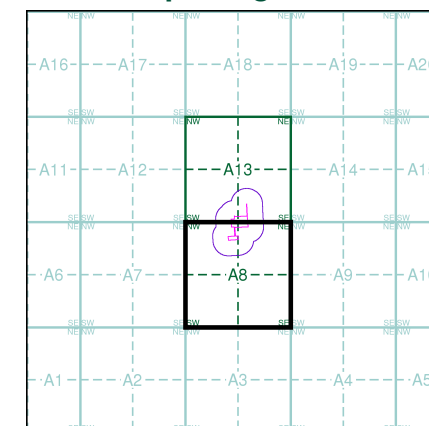
Source map scale - 1:2,500

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 A8



Order Details

Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1966

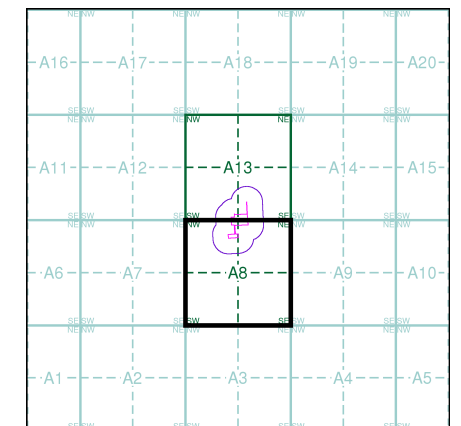
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Map Name(s) and Date(s)

SS8380 1966 12,500	SS8480 1966 12,500
SS8379 1966 12,500	SS8479 1966 12,500

Historical Map - Segment A8

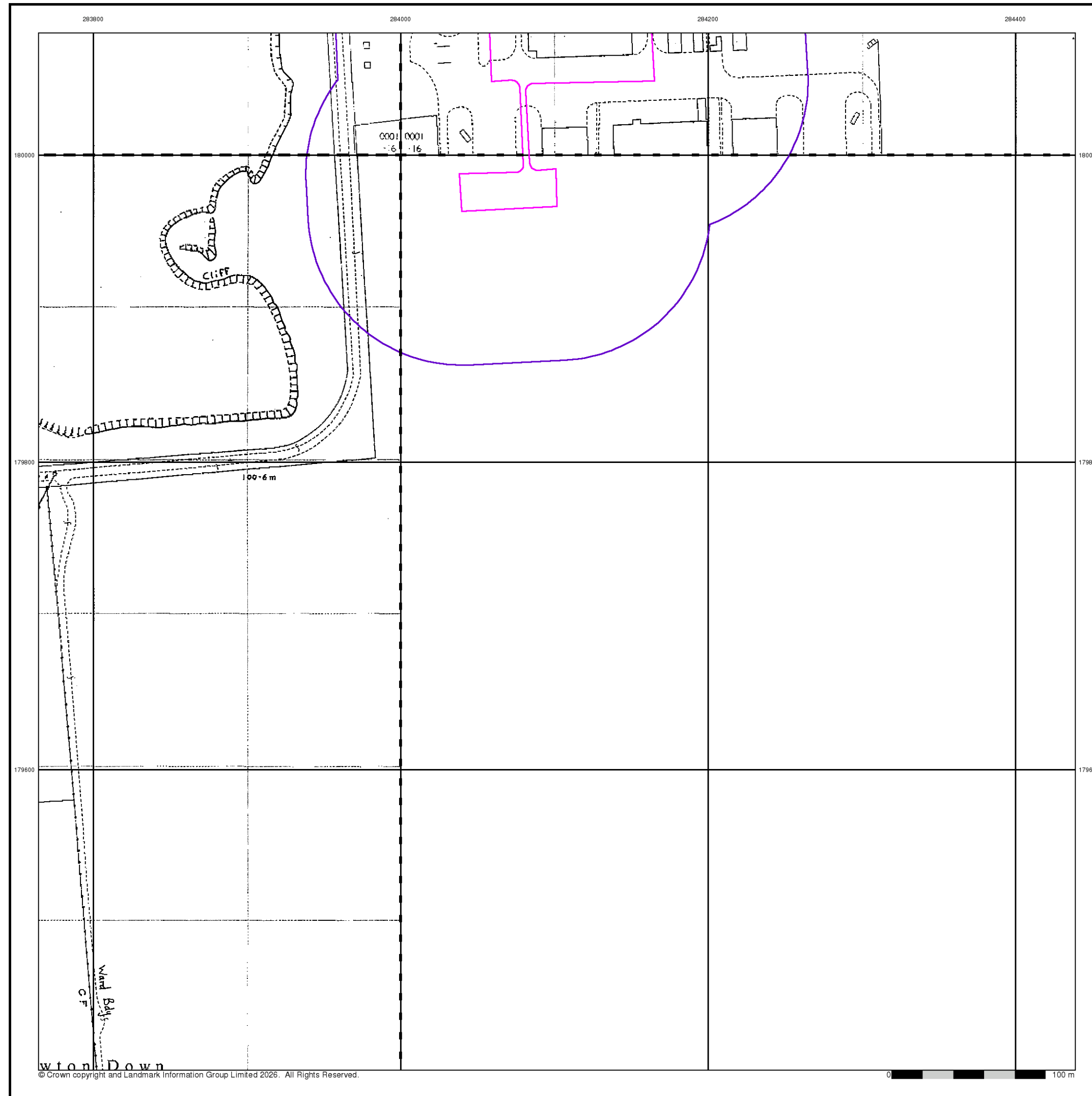


Order Details

Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 100

Site Details

Cenin Renewables, Solcer House, Stormy Down, Pyle, Bridgend, CF33 4RS



Additional SIMs

Published 1982 - 1987

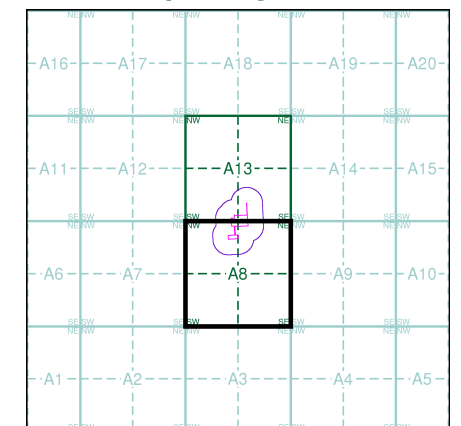
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SS8380 1982 1:2,500	SS8480 1982 1:2,500
SS8379 1987 1:2,500	

Historical Map - Segment A8

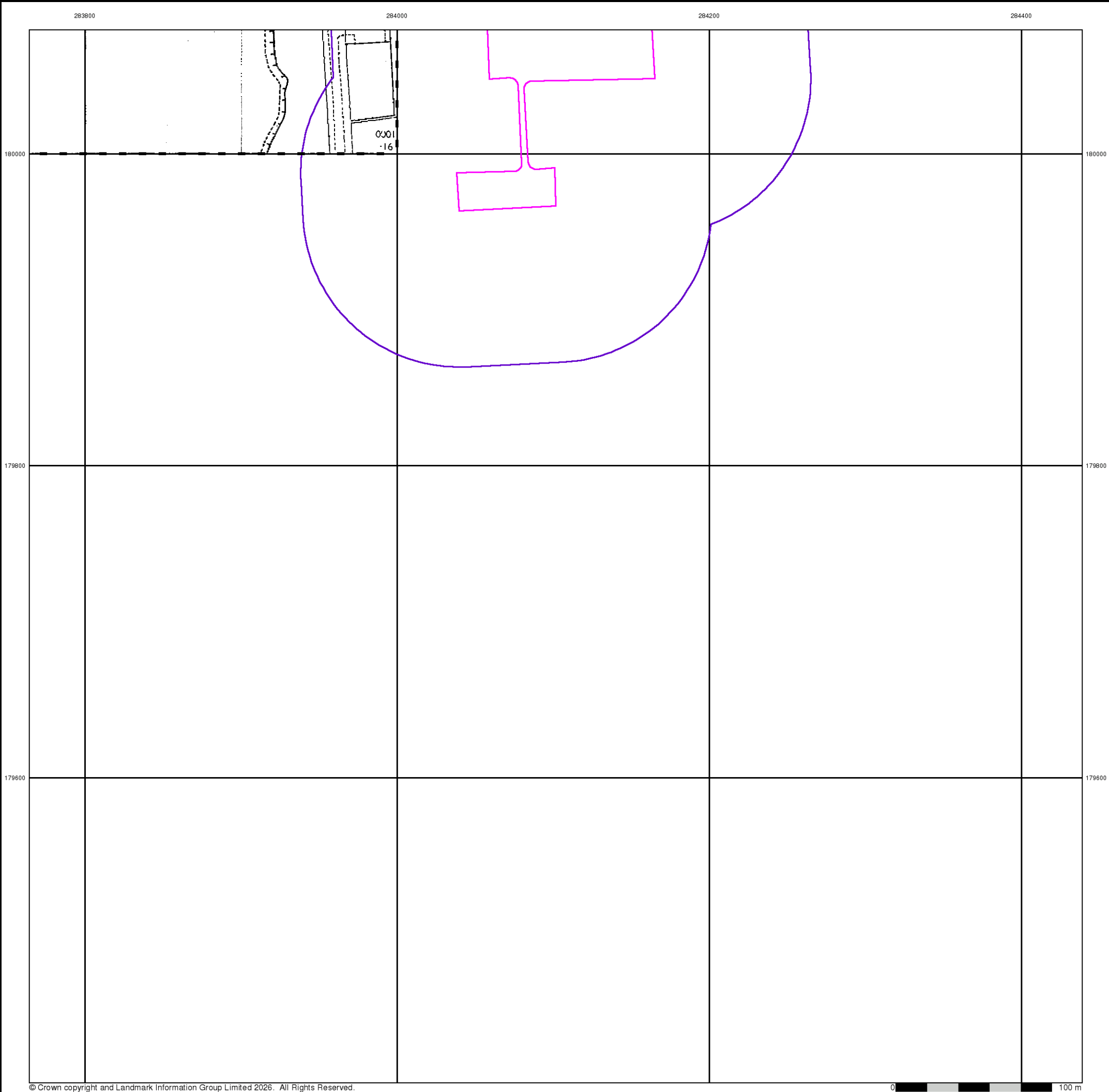


Order Details

Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 100

Site Details

Cenin Renewables, Solcer House, Stormy Down, Pyle, Bridgend, CF33 4RS



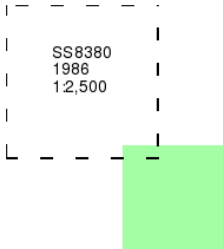
Additional SIMs

Published 1986

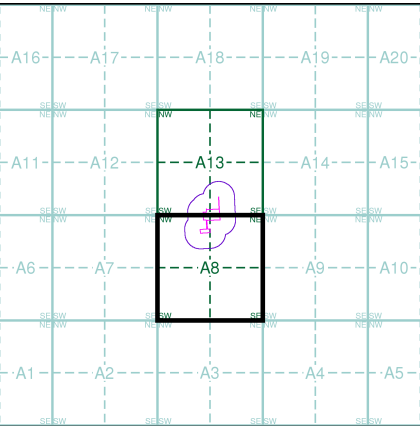
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A8

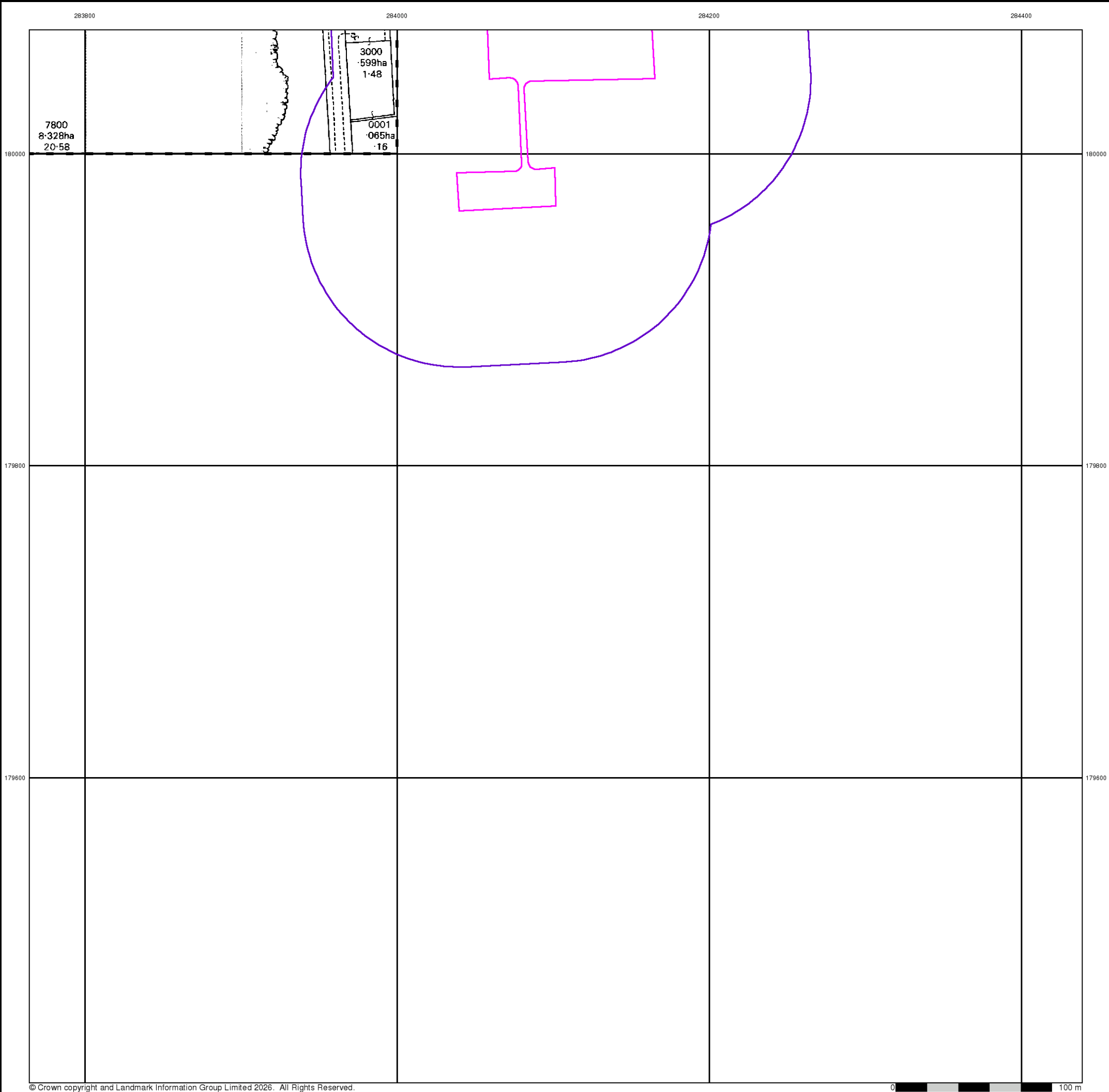


Order Details

Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 100

Site Details

Cenin Renewables, Solcer House, Stormy Down, Pyle, Bridgend, CF33 4RS



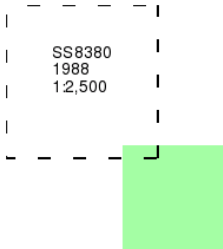
Ordnance Survey Plan

Published 1988

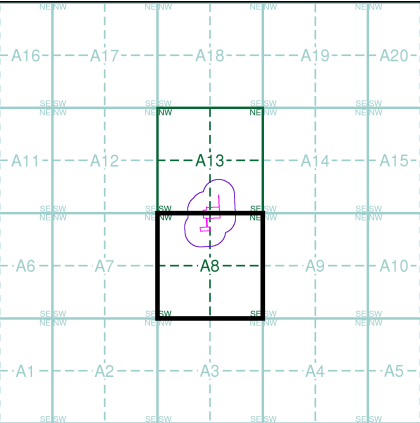
Source map scale - 1:2,500

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 A8



Order Details

Order Number:

Customer Ref:

National Grid Reference:

Slice:

Site Area (Ha):

Search Buffer (m):

404923475_1_1

CENI.01.01

284110, 180070

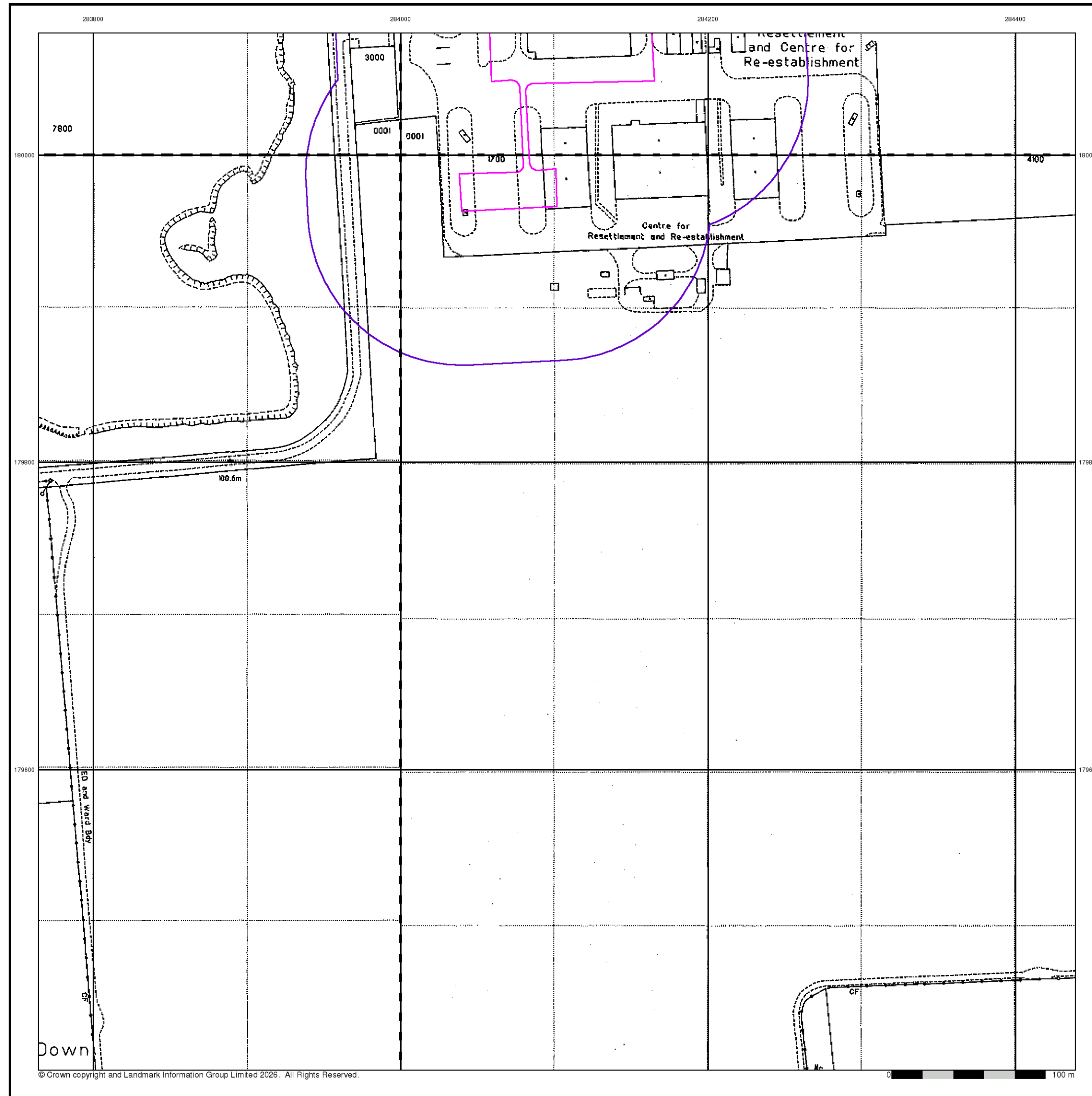
A

0.89

100

Site Details

Cenin Renewables, Solcer House, Stormy Down, Pyle, Bridgend, CF33 4RS



Large-Scale National Grid Data

Published 1993

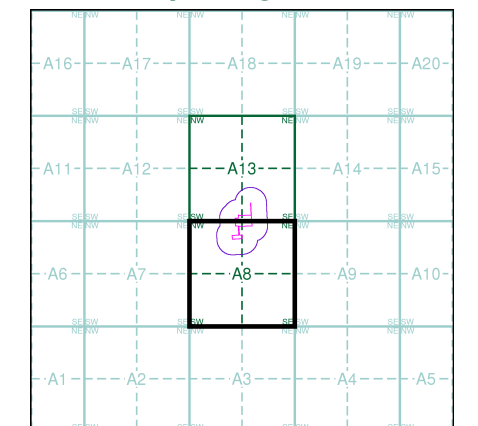
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SS8380	SS8480
1993	1993
12,500	12,500
SS8379	SS8479
1993	1993
12,500	12,500

Historical Map - Segment A8



Order Details

Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 100

Site Details

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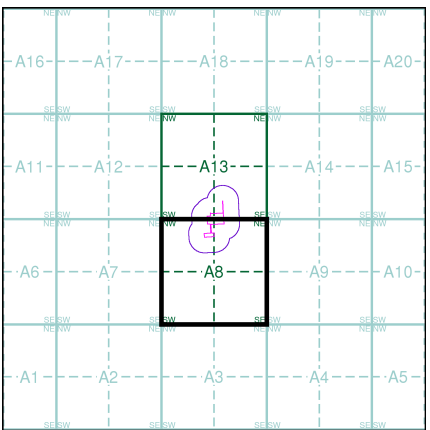
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Historical Aerial Photography

Published 2000

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A8



Order Details

Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 100

Site Details

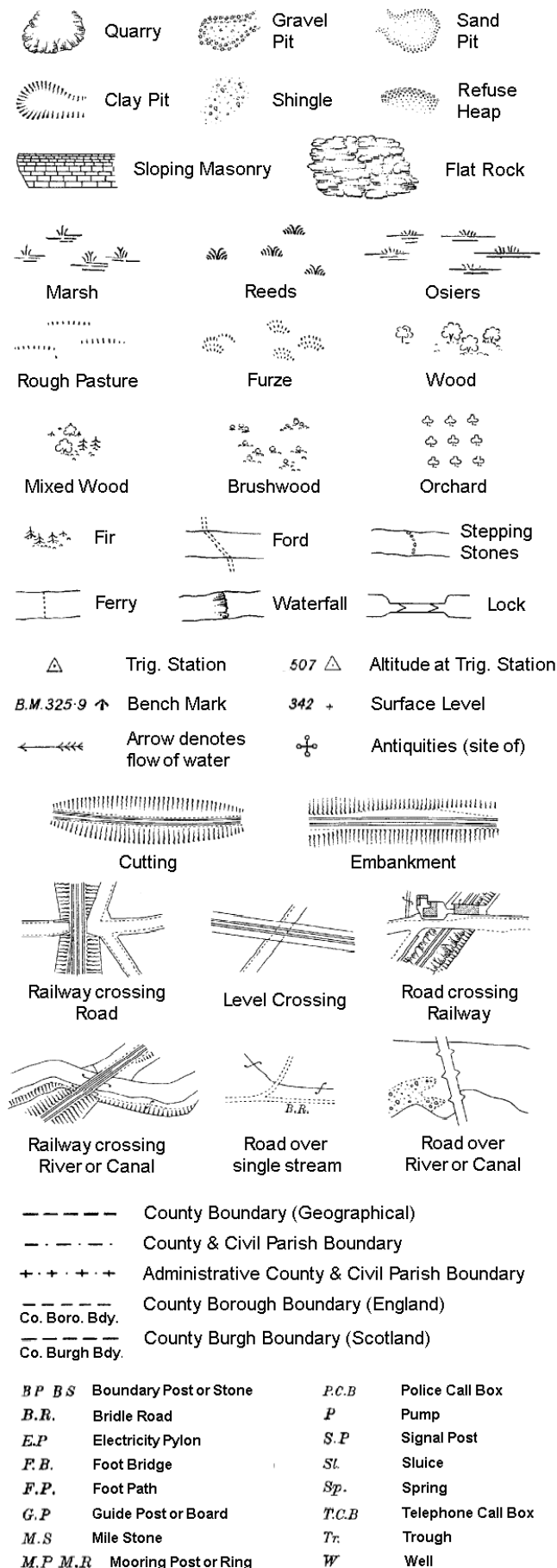
Cenin Renewables, Solcer House, Stormy Down, Pyle, Bridgend, CF33 4RS

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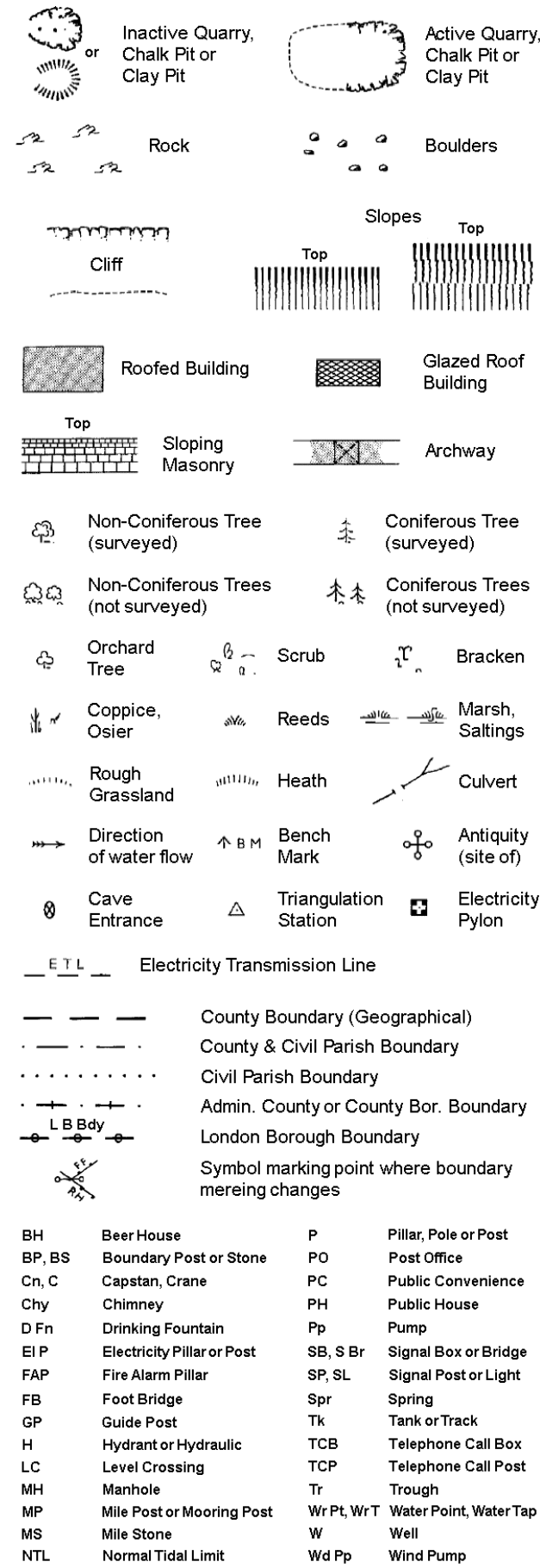
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Web: www.envirocheck.co.uk

Historical Mapping Legends

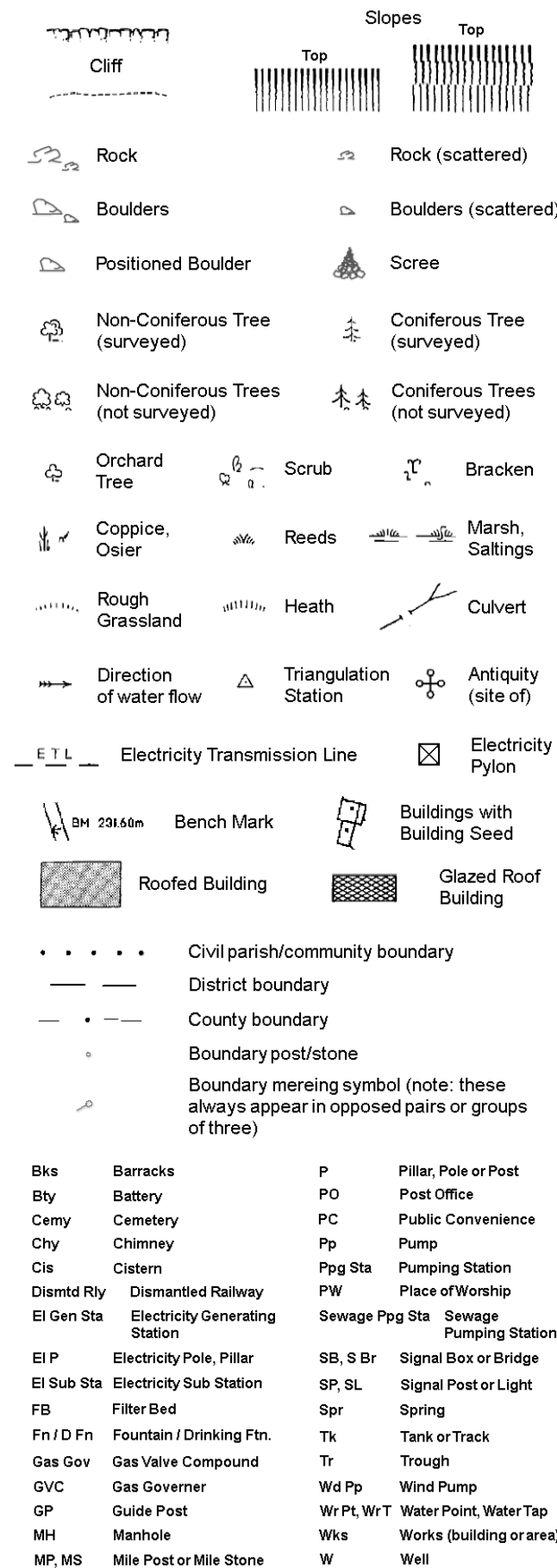
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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



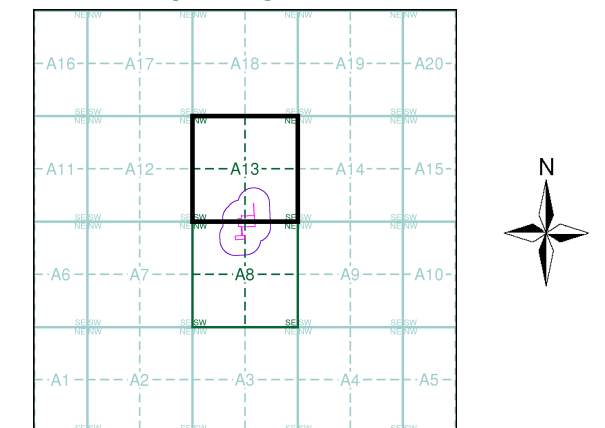
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1876	2
Glamorganshire	1:2,500	1899	3
Glamorganshire	1:2,500	1919	4
Glamorganshire	1:2,500	1940	5
Ordnance Survey Plan	1:2,500	1966	6
Additional SIMs	1:2,500	1982	7
Additional SIMs	1:2,500	1986	8
Ordnance Survey Plan	1:2,500	1988	9
Large-Scale National Grid Data	1:2,500	1993	10
Historical Aerial Photography	1:2,500	2000	11

Historical Map - Segment A13



Order Details

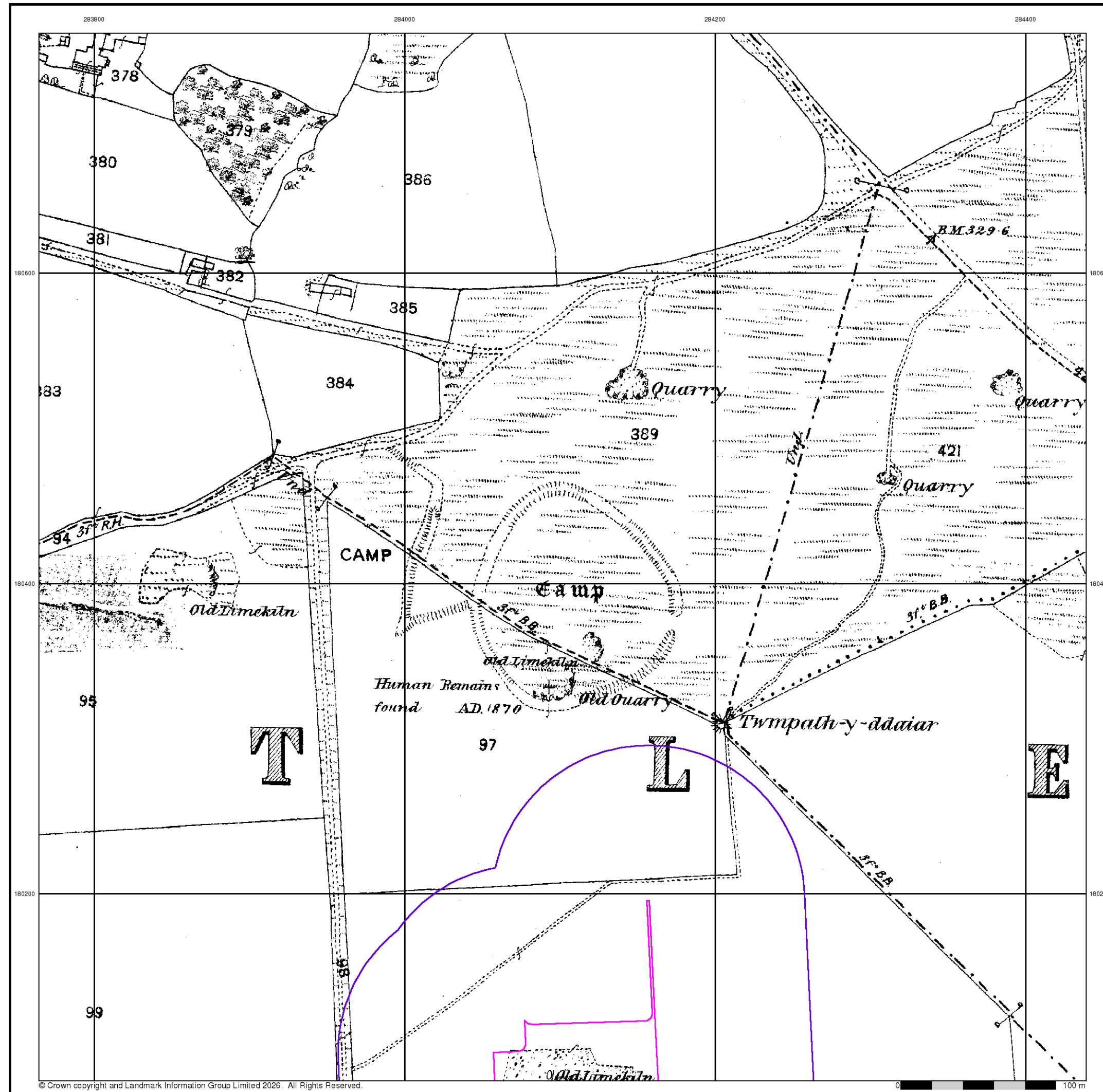
Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 100

Site Details

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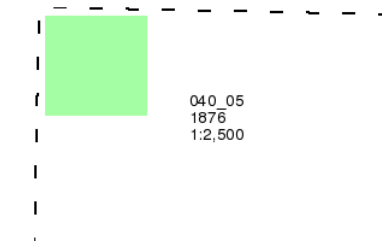
Glamorganshire

Published 1876

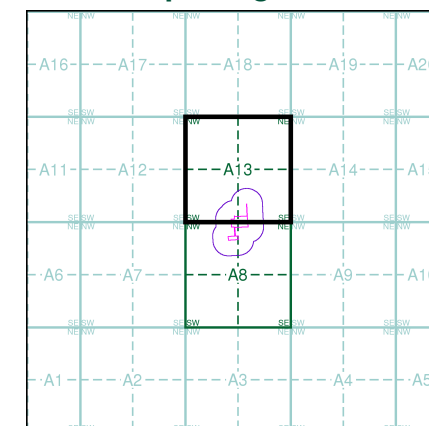
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

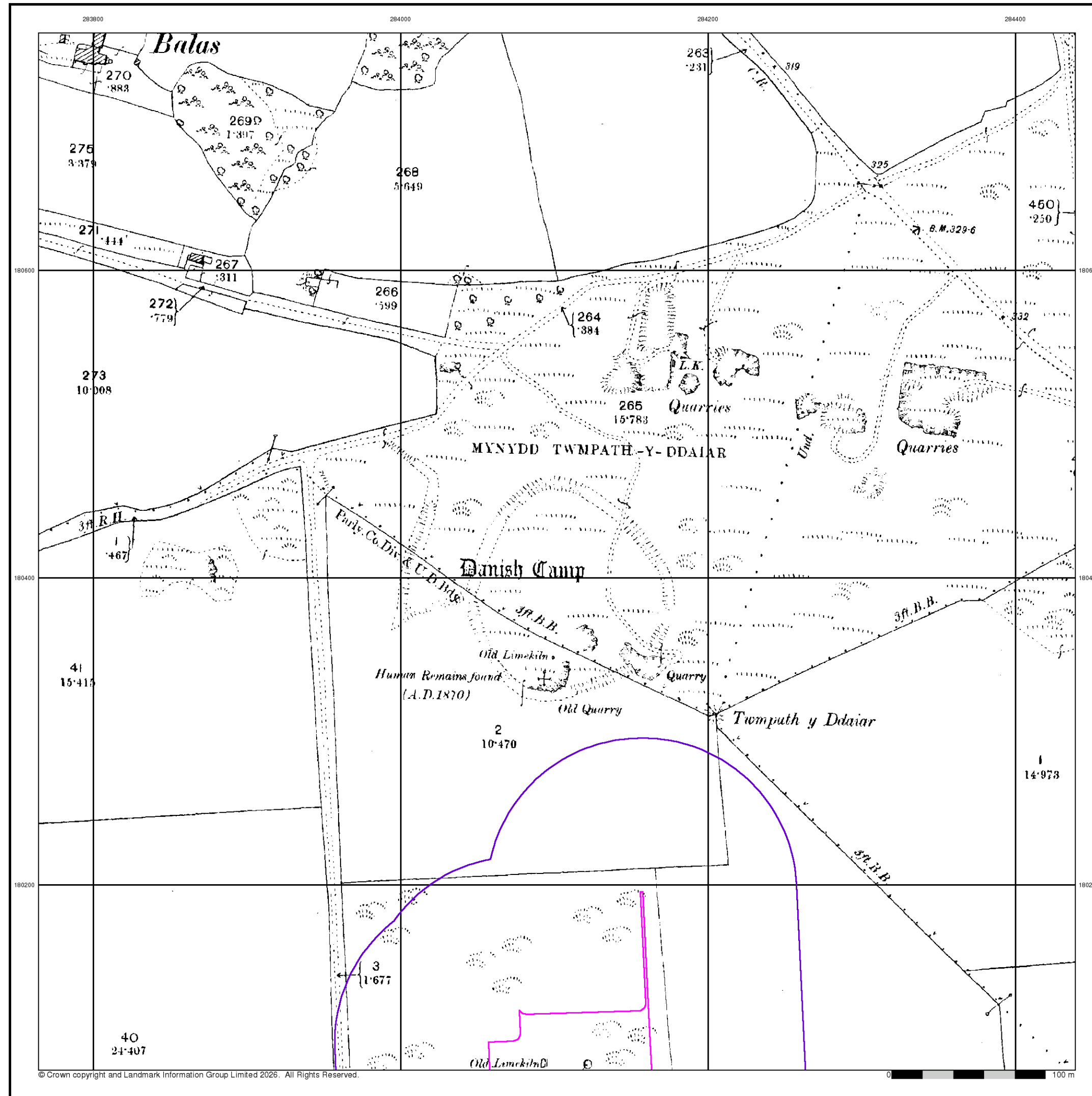
Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 100

Site Details

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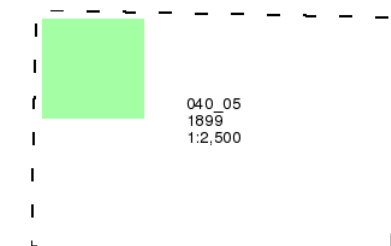
Glamorganshire

Published 1899

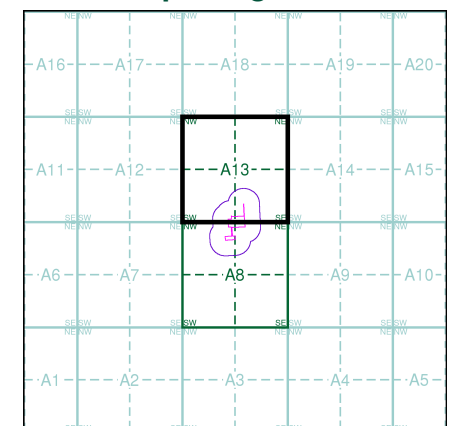
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13

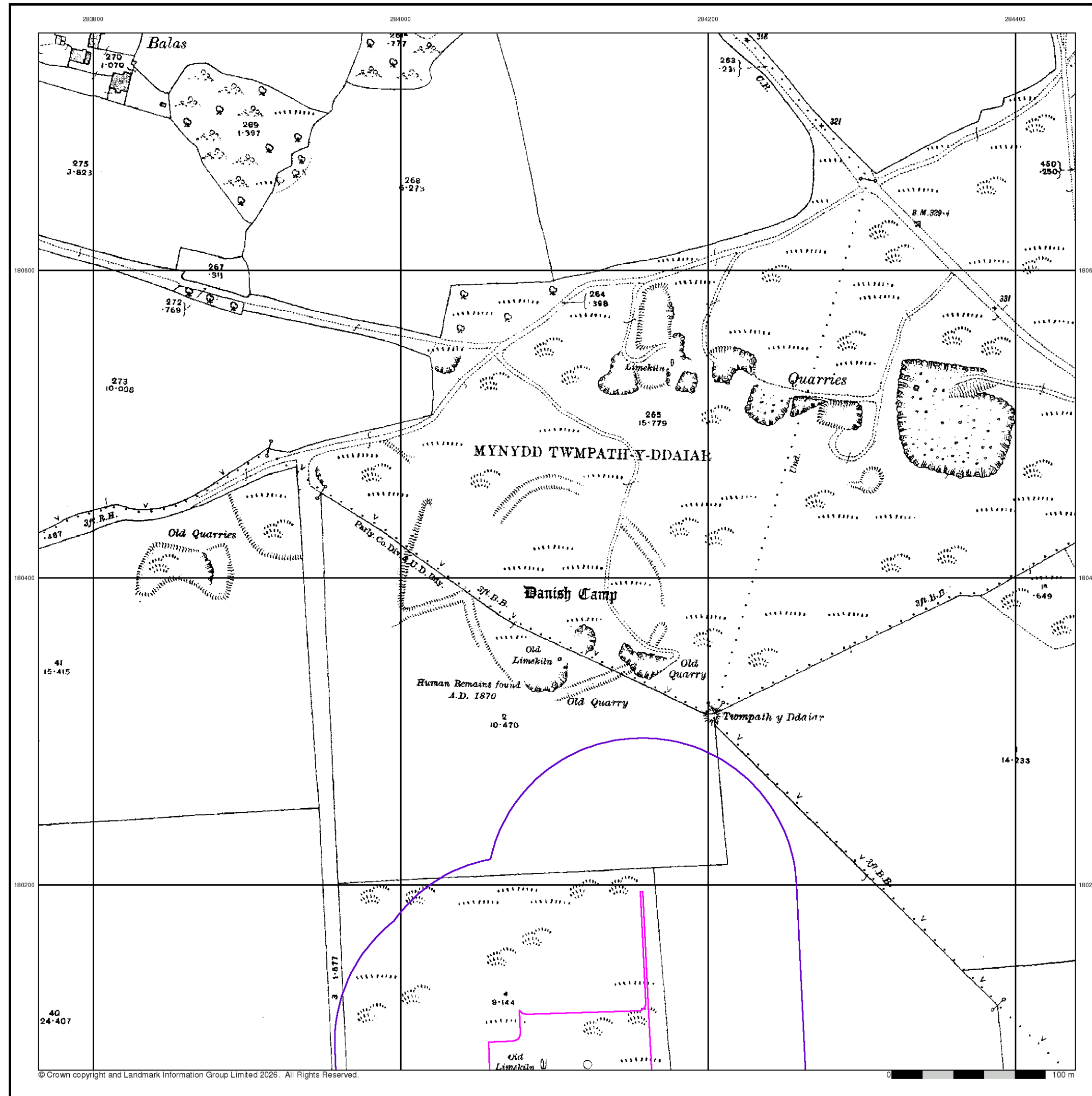


Order Details

Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 100

Site Details

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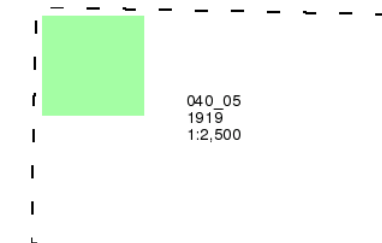
Glamorganshire

Published 1919

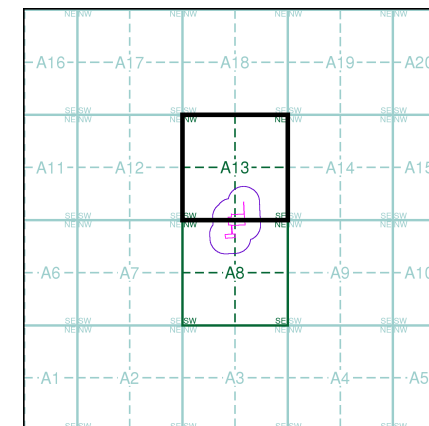
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

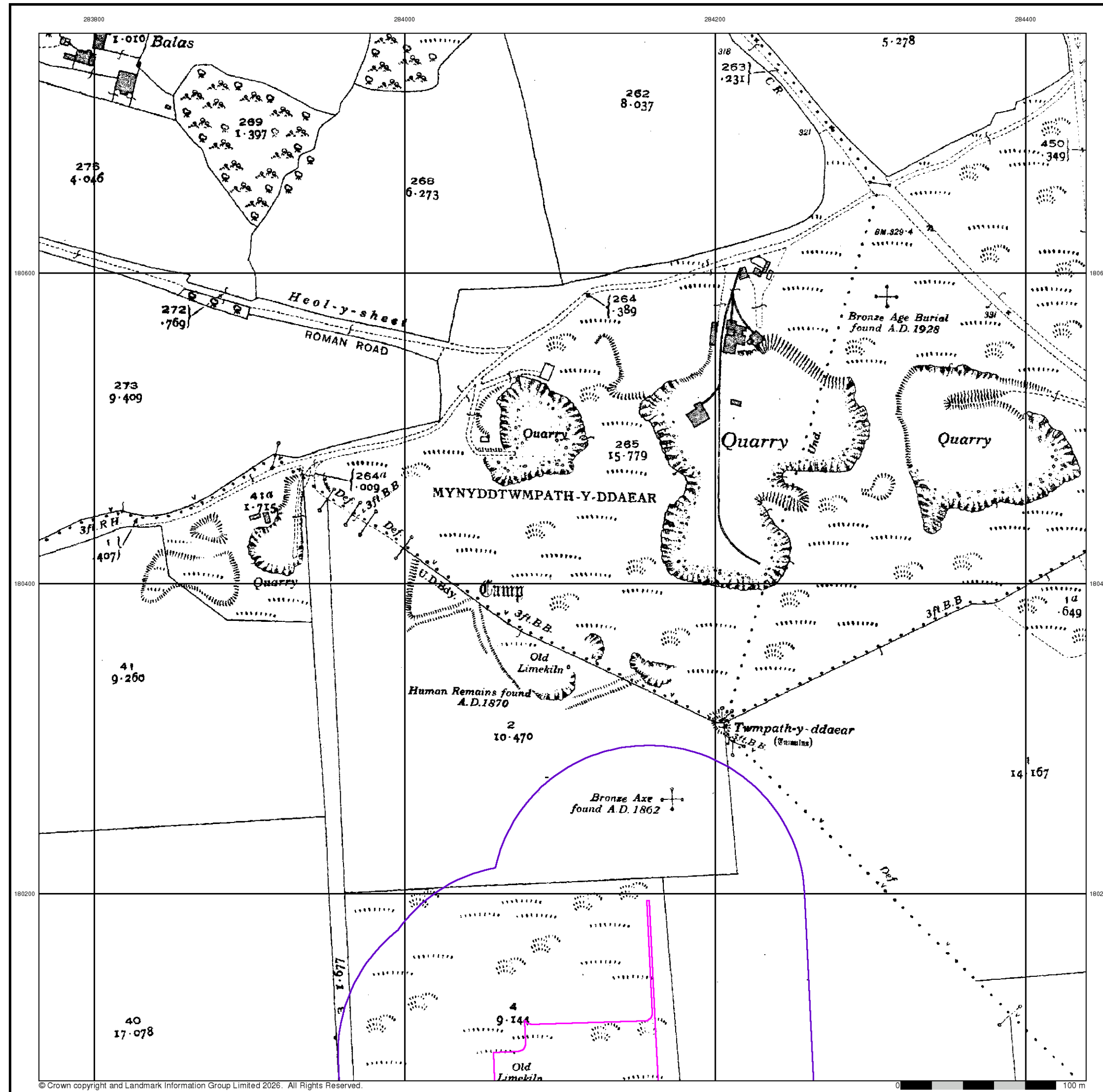
Order Number: 404923475_1_1
Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 100

Site Details

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Glamorganshire

Published 1940

Source map scale - 1:2,500

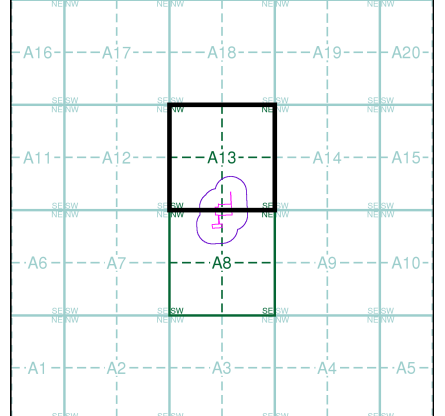
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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



040_05
1940
1:2,500

Historical Map - Segment A13

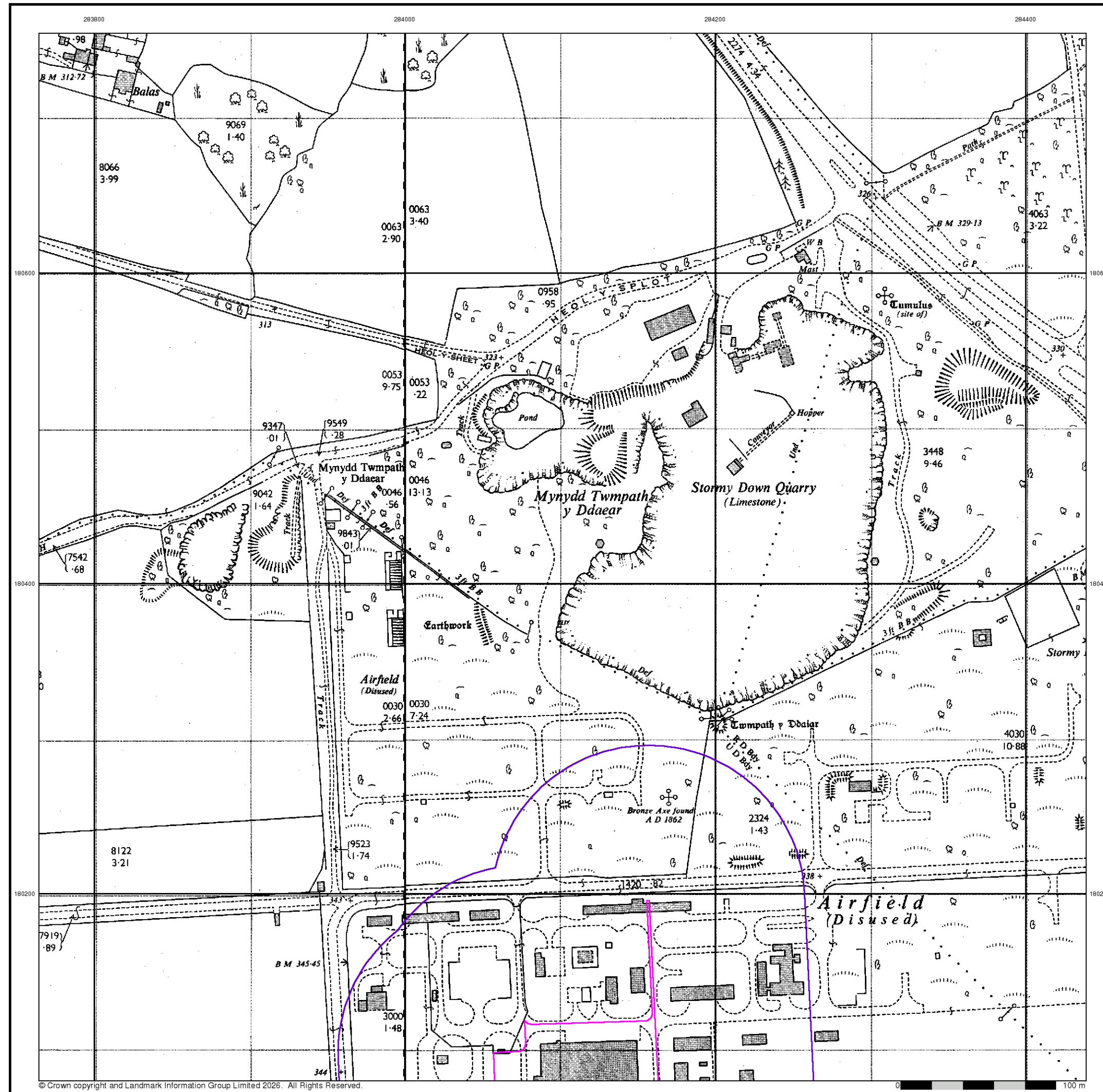


Order Details

Order Number:	404923475_1_1
Customer Ref:	CENI.01.01
National Grid Reference:	284110, 180070
Slice:	A
Site Area (Ha):	0.89
Search Buffer (m):	100

Site Details

Cenin Renewables, Solcer House, Stormy Down, Pyle, Bridgend, CF33 4RS



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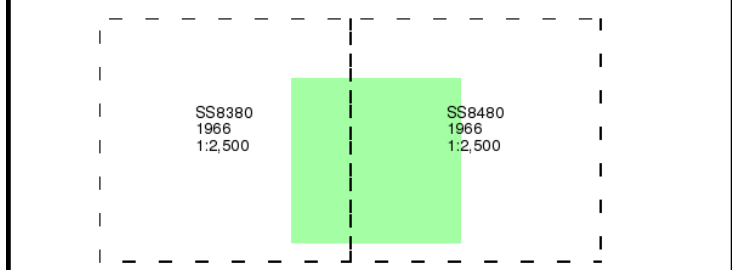
Ordnance Survey Plan

Published 1966

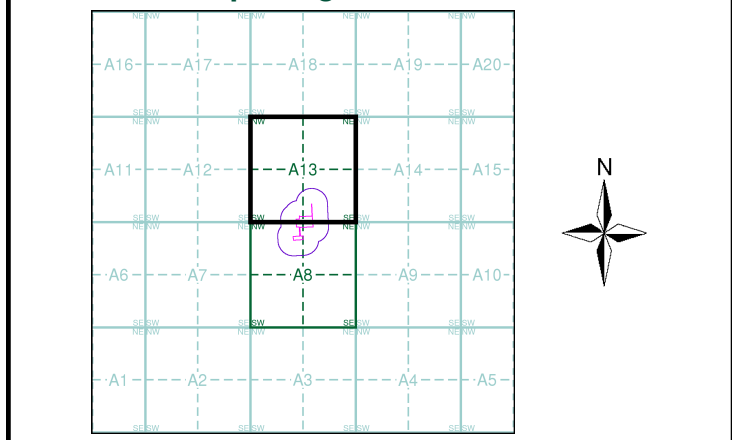
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)



Historical Map - Segment A13



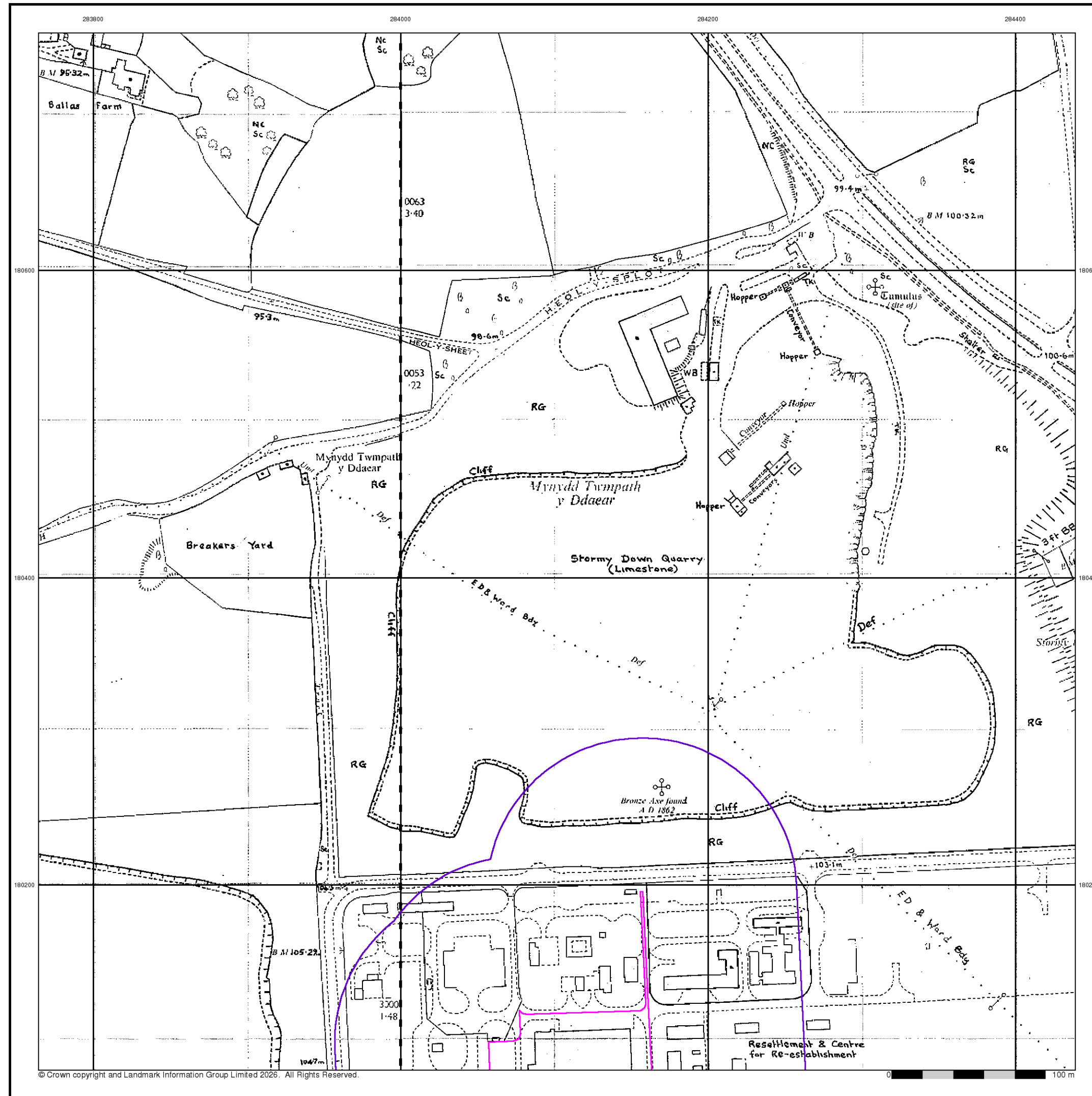
Order Details

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Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
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Site Details

Cenin Renewables, Solcer House, Stormy Down, Pyle, Bridgend, CF33 4RS

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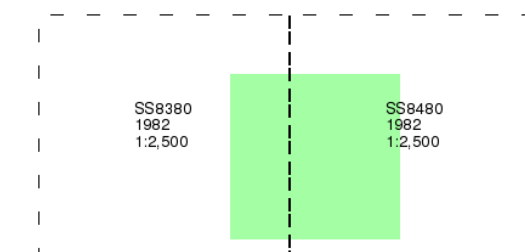
Additional SIMs

Published 1982

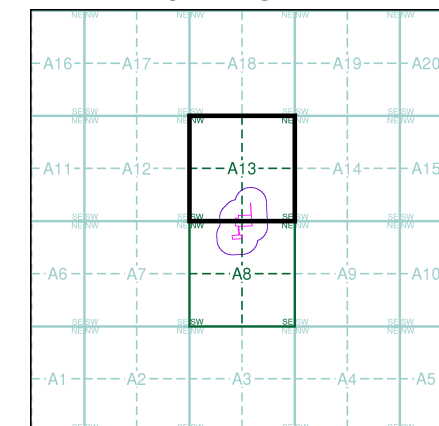
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



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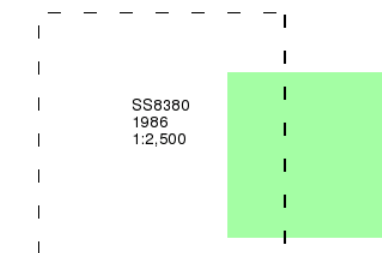
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Published 1986

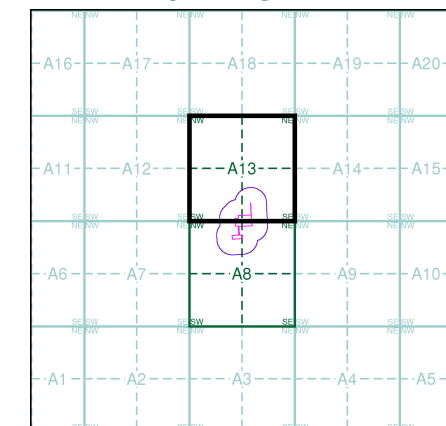
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13

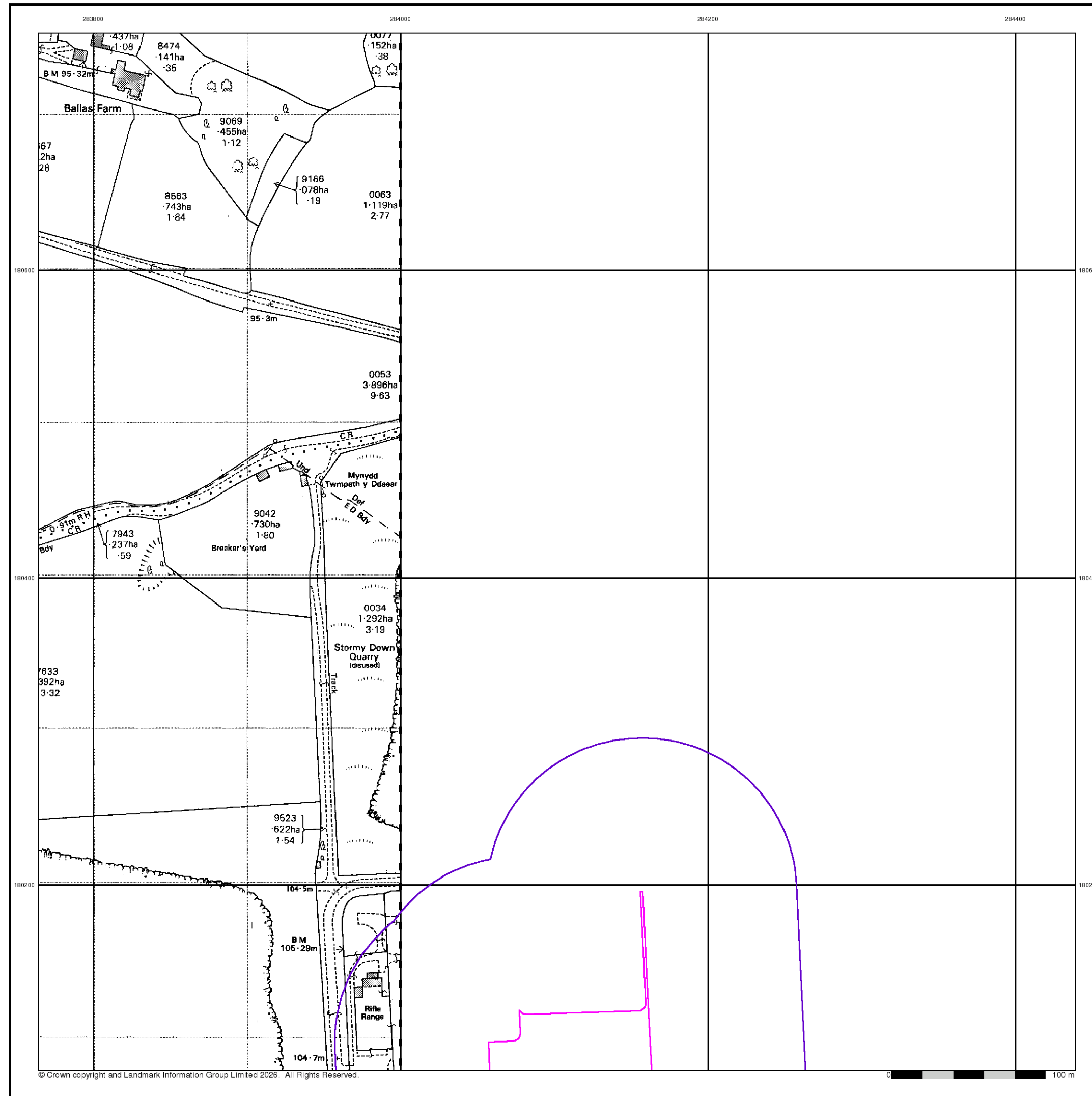


Order Details

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Customer Ref: CENI.01.01
National Grid Reference: 284110, 180070
Slice: A
Site Area (Ha): 0.89
Search Buffer (m): 100

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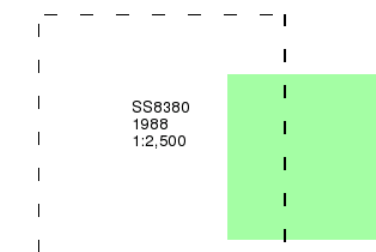
Ordnance Survey Plan

Published 1988

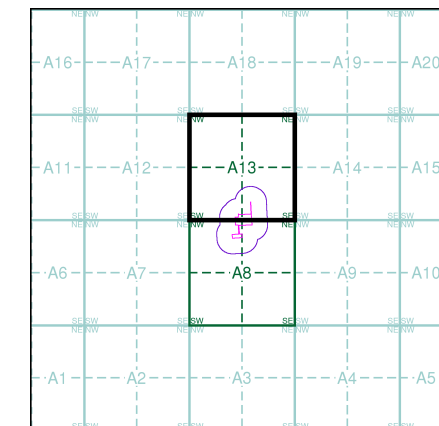
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

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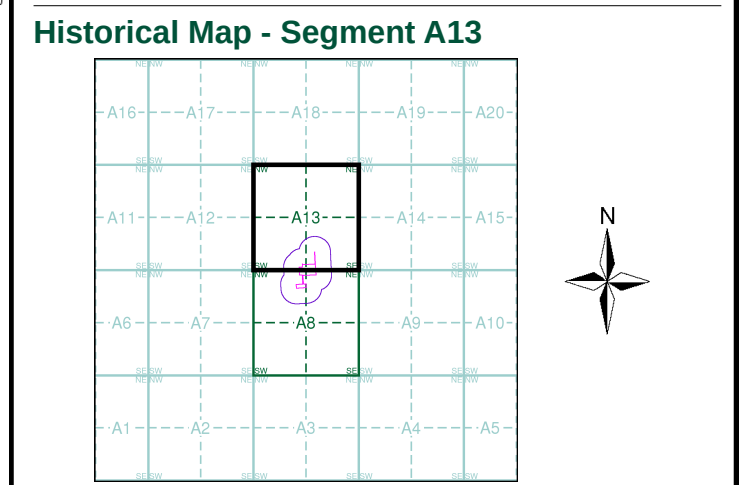
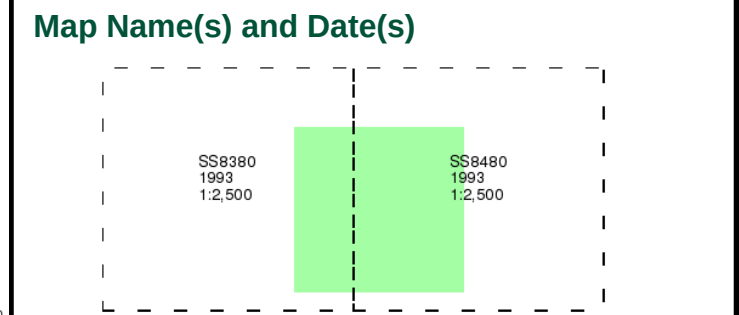


Large-Scale National Grid Data

Published 1993

Source map scale - 1:2,500

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



Order Details

Order Number:

404923475_1_1

Customer Ref:

CENI.01.01

National Grid Reference:

284110, 180070

Slice:

A

Site Area (Ha):

0.89

Search Buffer (m):

100

Site Details

Cenin Renewables, Solcer House, Stormy Down, Pyle, Bridgend, CF33 4RS



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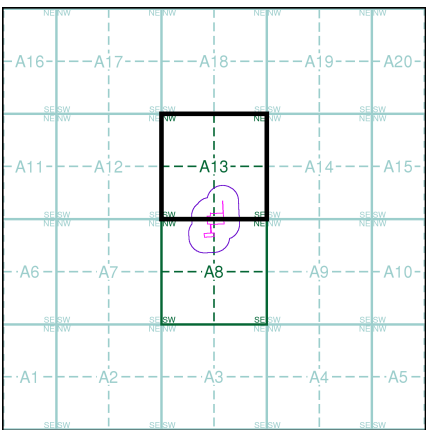
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Historical Aerial Photography

Published 2000

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



Order Details

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APPENDIX IV COAL MINING REPORT



The Coal
Authority

CON29M

coal mining report

CENIN RENEWABLES, SOLCER HOUSE, BRIDGEND, BRIDGEND

We can confirm that the location is **off the coalfield**



No known coal mining risks

No recorded or potential coal mining risks have been identified in the report.



Recommended reports

There are no further actions required as no known or potential coal mining risks have been identified.

For more information on our reports please visit
www.miningremediation.co.uk



Professional opinion

According to the official mining information records held by the Coal Authority at the time of this search, there were no areas of concern relating to coal mining.

Your reference: **404923475_2**
Our reference: **51003577171001**
Date: **17 June 2026**

Client name:
NLIS Hub

If you require any further assistance
please contact our experts on:
0345 762 6848
reports@miningremediation.gov.uk



The Law
Society

Enquiry boundary

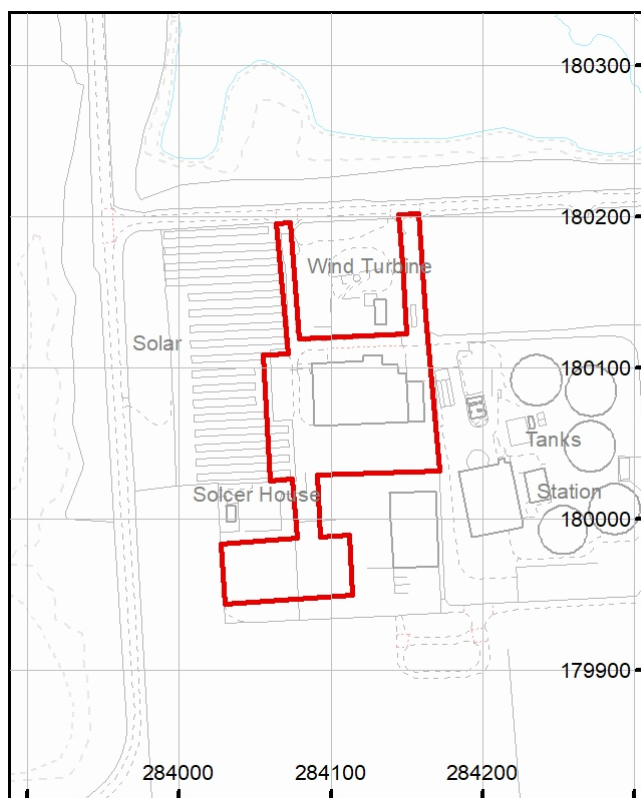
Key

Approximate position of enquiry boundary shown



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Coal Mining Subsidence Act 1991

In the unlikely event that any damage were to occur resulting from coal mining then the Coal Mining Subsidence Act 1991 (as amended by the Coal Industry Act 1994) requires the mine owner to make good any such damage, with **no costs falling on the property owner, mortgage lender or insurer**. In most cases the mine owner is the Coal Authority, except a small number of cases that are owned by private landowners or relate to minerals other than coal.

Detailed findings

This report is prepared in accordance with the latest Law Society's Guidance Notes 2018, the User Guide 2018 and the Coal Authority's Terms and Conditions applicable at the time the report was produced.

Information provided by the Coal Authority in this report is compiled in response to the Law Society's CON29M Coal Mining enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL.

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1 Past underground coal mining

The property is not within a surface area that could be affected by any past recorded underground coal mining.

2 Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

3 Future underground coal mining

The property is not in an area where the Coal Authority has received an application for, and is currently considering whether to grant a licence to remove or work coal by underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

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

4 Mine entries

There are no recorded coal mine entries known to the Coal Authority within, or within 20 metres, of the boundary of the property.

5 Coal mining geology

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

6 Past opencast coal mining

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

7 Present opencast coal mining

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

8 Future opencast coal mining

There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

9 Coal mining subsidence

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

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

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

10 Mine gas

The Coal Authority has no record of a mine gas emission requiring action.

11 Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Coal Authority, under its Emergency Surface Hazard Call Out procedures.

12 Withdrawal of support

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

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

13 Working facilities order

The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

14 Payments to owners of former copyhold land

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

Statutory cover



Coal mining subsidence

In the unlikely event of any coal mining related subsidence damage, the Coal Authority or the mine operator has a duty to take remedial action in respect of subsidence caused by the withdrawal of support from land or property in connection with lawful coal mining operations.

When the works are the responsibility of the Coal Authority, our dedicated public safety and subsidence team will manage the claim. The house or land owner ("the owner") is covered for these works under the terms of the Coal Mining Subsidence Act 1991 (as amended by the Coal Industry Act 1994). Please note, this Act does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

If you believe your land or property is suffering from coal mining subsidence damage and you need more information on what to do next, please use the following link to our website which sets out what your rights are and what you need to consider before making a claim.

www.gov.uk/government/publications/coal-mining-subsidence-damage-notice-form



Coal mining hazards

Our Public Safety & Subsidence and Resilience teams provide a 24 hour a day, 7 days a week hazard reporting service, to help protect the public from hazards caused by past coal workings, such as a mine shaft or shallow working collapse. To report any hazards please call **0800 288 4242**. Further information can be found on our website: www.gov.uk/coalauthority.

Glossary



Key terms

adit - horizontal or sloped entrance to a mine

coal mining subsidence - ground movement caused by the removal of coal by underground mining

Coal Mining Subsidence Act 1991 - the Act setting out the duties of the Coal Authority to repair damage caused by coal mining subsidence

coal mining subsidence damage - damage to land, buildings or structures caused by the removal of coal by underground mining

coal seams - bed of coal of varying thickness

future opencast coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal from the surface

future underground coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal underground. Although it is unlikely, remaining coal reserves could create a possibility for future mining, which would be licensed by the Coal Authority

mine entries - collective name for shafts and adits

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

payments to owners of former copyhold land - historically, copyhold land gave rights to coal to the copyholder. Legislation was set up to allow others to work this coal, but they had to issue a notice and pay compensation if a copyholder came forward

shaft - vertical entry into a mine

site investigation - investigations of coal mining risks carried out with the Coal Authority's permission

stop notice - a delay to repairs because further coal mining subsidence damage may occur and it would be unwise to carry out permanent repairs

subsidence claim - a formal notice of subsidence damage to the Coal Authority since it was established on 31 October 1994

withdrawal of support - a historic notice informing landowners that the coal beneath their property was going to be worked

working facilities orders - a court order which gave permission, restricted or prevented coal mine workings



Accessibility

If you would like this information in an alternative format, please contact us on **0345 762 6848** or email communityresponse@miningremediation.gov.uk

