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Annex B
Outline Phase 1 Geoenvironmental Desk Study (Preliminary Risk Assessment)

Pennant Walters

FOEL TRAWSNANT GRID CONNECTION

Outline Phase 1 Geoenvironmental Desk Study (Preliminary Risk Assessment)



MARCH 2025

PUBLIC

Pennant Walters

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Outline Phase 1 Geoenvironmental Desk Study (Preliminary Risk Assessment)

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EXECUTIVE SUMMARY

WSP UK Limited (WSP) was instructed by Pennant Walters (the 'Applicant') to undertake a Phase 1 Geoenvironmental Desk Study, also known as a Preliminary Risk Assessment (PRA), for a site situated in South Wales, to the southwest of Llangnwyd, near the town of Maesteg, centred at Grid Reference (E) 284175, (N) 187428 ('the Site'). The Site is proposed for development by Pennant Walters as a grid connection ('the Project') which is required to connect the Foel Trawsnant Wind Farm to the wider national grid. The Site is linear in shape and approximately 9.5km in length. The Project falls into two local authorities - Bridgend County Borough Council (BCBC) which the Project mostly resides, and Neath Port Talbot County Borough Council (NPTCBC), where the start and end sections of the grid connection are located.

The Project will comprise of both 66 kilovolt (kV) overhead lines (OHL) and underground cables (UGC) which will provide a connection between the Foel Trawsnant Wind Farm and the wider national grid. The Applicant, with design input from National Grid, is preparing and submitting an application for a Development of National Significance (DNS) to construct and operate the proposed grid connection. The 9.5km connection consists of approximately:

- 1.5km northern overhead line (OHL);
- 5.1km underground cable (UGC) mainly located within existing highway corridors; and
- 2.9km southern OHL.

The main land use on the Site is agriculture. The proposed northern and southern OHL routes run mainly through agricultural land, the southern OHL route also crosses an area of woodland, west of Pentre Farm. The UGC route begins near Nantyffyllon in the north, passing through agricultural land then urban areas at Kings Terrace, Garnwen Road, Heol Ty Gwyn, and B4282 Road (Neath Road). South of Neath Road the UGC continues along an unnamed road which runs past Maesteg Golf Club and continues through agricultural land until it reaches Synchbant Farm in the south.

LAND CONTAMINATION CONCLUSIONS

The Site is in an area used extensively for coal and other mineral extraction. No landfills are recorded onsite or within 250m, however, many former mineral extraction areas occur onsite. Localised mine wastes/ other wastes may have been deposited to ground (as spoil heaps or to fill voids). The UGC route also runs through a former iron works and former rifle range, and various small electrical substations are present on or close to the Site along the urban UGC route.

No moderate or higher risks have been identified, however moderate/ low risks to future site users and to the future built environment have been identified. These pose a potential constraint to the Project which will require further assessment as part of the detailed design process prior to construction. It is therefore recommended that intrusive ground investigation is undertaken to inform this assessment.

The requirements for landscaping or planting as part of the Project are not currently known, however where made ground is encountered it is possible that contaminants, including metals, may be present at concentrations which are phytotoxic. This will require investigation to confirm that existing vegetation can be reinstated following construction of the Project, or to confirm the suitability of soils if new planting is proposed.

GEOTECHNICAL CONCLUSIONS

A review of the geotechnical hazards across the site identified several constraints that require further investigation for the safe and economic design and construction of the Project. Notably, there is limited information on the ground and groundwater conditions. BGS mapping does indicate the potential presence of soft alluvial and/or peat deposits which are unlikely to provide a competent founding stratum for any foundations. Additionally, these superficial deposits are likely to require trench support for any excavations. The varying ground conditions may also impact the choice of underground cable, based on their thermal resistivity characteristics.

The area of the proposed works has been subjected to historic coal mining and legacy workings that could impact the Project have been identified underlying the north of the site. Detailed information on the coal mining risk is included in the Coal Mining Risk Assessment in the EIA Report for the Project.

RECOMMENDATIONS

It is recommended that an intrusive ground investigation with associated testing of soils, and testing and monitoring of gas and groundwater, should be undertaken along the proposed overhead line and cable route to provide insight into the ground and groundwater conditions beneath the site, including the presence of contamination. This would allow for the safe and economic design of the proposed overhead line foundations and any requirements for the underground cabling.

Following ground investigation, a detailed mine gas risk assessment should be undertaken to confirm that no new gas migration or accumulation pathways will be created.

It is recommended that in-situ thermal resistivity testing is undertaken to allow for the appropriate design of the underground cable selection and spacing.

An unexpected contamination protocol should be developed to be implemented with the Construction Environmental Management Plan (CEMP).

1 INTRODUCTION

1.1 TERMS OF REFERENCE

1.1.1. WSP UK Limited (WSP) was instructed by Pennant Walters (the 'Client') to undertake a Phase 1 Geoenvironmental Desk Study, also known as a Preliminary Risk Assessment (PRA), for a site situated in South Wales, to the southwest of Llangnwyd, near the town of Maesteg, centred at Grid Reference (E) 284175, (N) 187428 ('the Site'). The Site is proposed for development by Pennant Walters as a grid connection ('the Project') which is required to connect the Foel Trawsnant Wind Farm to the wider national grid. The Site is linear in shape and approximately 9.5km in length. The Project falls into two local authorities - Bridgend County Borough Council (BCBC) which the Project mostly resides, and Neath Port Talbot County Borough Council (NPTCBC), where the start and end sections of the grid connection are located.

1.1.2. A Site Location Map and Site Layout Plan are presented as **Figures 1** and **2** included within **Addendum A**.

1.2 DEVELOPMENT PLANS

1.2.1. Based on the information available at the time of writing this report, the Project will comprise of both 66 kilovolt (kV) overhead lines (OHL) and underground cables (UGC) which will provide a connection between the Foel Trawsnant Wind Farm and the wider national grid. Pennant Walters (the Applicant), with design input from National Grid, is preparing and submitting an application for a Development of National Significance (DNS) to construct and operate the proposed grid connection. The 9.5km connection consists of approximately:

- 1.5km northern overhead line (OHL);
- 5.1km underground cable (UGC) mainly located within existing highway corridors; and
- 2.9km southern OHL.

1.2.2. Temporary working areas (one temporary construction compound to be located within the northern section of the Site, measuring 20m x 20m.) and watercourse crossings will also be required. The indicative site layout is shown on **Figure 2** in **Addendum A**.

1.2.3. Whilst the requirement for a DNS application is triggered by the overhead section, the whole of the connection will require DNS consent.

OHL

1.2.4. The OHL will be carried on wooden H-poles. Whilst the intention is for the route to be as straight as possible, there will be some deviation to avoid environmental features, such as trees. At points of deviation, angle poles will be used; these are likely to be H-pole structures. In all locations where the line deviates, there will be the requirement to provide cable stays to the poles. The poles are not typically stayed, and do not require concrete foundations. However, pre-cast kicking blocks will be installed below ground, to provide the poles with adequate structural support. Foundations required for OHL poles are expected to be between 2-3m below ground level.

CABLE TRENCHES

1.2.5. Underground cabling work will involve placing cables within ducts; the ducts themselves will be within a trench. An open cut method will be used, where the duct is laid directly into a trench of up to

1.5 m depth. The ducts are placed at the bottom of the trench, and the excavation around the cables is then filled with sand before the remaining excavation is backfilled with the excavated material. Cables are jointed at approximately 250m intervals. The joint boxes are generally 1-2m deep and 5m x 3m. Once the cable ducts are laid, the cable will then be pulled through.

1.3 ASSESSMENT AIMS AND OBJECTIVES

1.3.1. The aim of this Preliminary Risk Assessment (PRA) is to provide information on and assessment of ground conditions to support the planning application for the Project.

1.3.2. To address the identified aim, the key objectives include:

- Developing a preliminary Conceptual Site Model (CSM) which identifies potential ground contamination sources, potential receptors, and potential pathways for receptors to be exposed to these contaminants;
- Completing a Tier 1 (or preliminary) risk assessment to develop the initial conceptual site model and establish whether there are any potentially unacceptable risks;
- Identifying geotechnical hazards which may have an impact on the Project; and
- Providing conclusions and recommendations for any further actions needed to address land contamination risks and/or geotechnical constraints to the Project.

1.4 SCOPE OF WORKS

1.4.1. To meet the aims and objectives identified in **Section 1.3**, the scope of works undertaken for the PRA includes the following:

- Identification and review of selected contemporary information including geological, environmental, hydrological, and hydrogeological data, where available, for the Site and its surroundings, including procurement and review of a Groundsure Insight report;
- Review of historical mapping for the Site and its surroundings to determine the historical land uses and to identify potentially contaminative activities on the Site or in the surrounding area;
- Development of a Conceptual Site Model (CSM) and a Tier 1: Preliminary Risk Assessment, to assess the status of any potential contamination and identify any potentially significant contaminant linkages requiring further consideration, in line with current guidance (see Section 1.5); and
- Identification of information gaps, geo-environmental development constraints, and any requirements for further assessment.

1.4.2. At the time of writing, a site walkover has not yet been completed. A site walkover will be undertaken later to identify potential evidence of contamination and verify selected desk study information, the PRA will then be updated.

1.4.3. Environmental information and records held by the Petroleum Officer have been requested from the local authorities for the Site, however at the time of writing, responses have not been received.

1.5 LEGISLATIVE CONTEXT

The assessment was undertaken in the legislative context of:

- Part 2A of The Environmental Protection Act (1990); and

- Welsh Government (2024) Planning Policy Wales[1].

1.5.1. The following good practice and statutory guidance was considered, and the assessment was undertaken in general accordance with:

- Welsh Local Government Association (2023) Development of Land Affected by Contamination: A Guide for Developers[2];
- Environment Agency 'Land Contamination Risk Management' (LCRM) (2023)[3]; and
- NHBC 'Guidance for the Safe Development of Housing on Land Affected by Contamination', R&D66 (2008).

1.6 SOURCES OF INFORMATION

The following relevant sources of information were used in the production of this report.

Table 1-1 – Sources of information

Source	Details
Pennant Walters	Foel Trawsnant Grid Connection EIA Report
Third Party Reports	Groundsure report, Order number WSP-ZW4-Q8B-XVU-MF6, dated 04 March 2025.
Public Information	▪ British Geological Survey (BGS) GeoIndex (onshore)[4]. ▪ The British Geological Survey (BGS) Map No. 248 (Pontypridd, Drift Edition, 1:50,000 series), accessed on 06 March 2025. ▪ MAGIC map website (https://magic.defra.gov.uk/), accessed 06 March 2025. ▪ DataMap Wales (https://datamap.gov.wales/), accessed 06 March 2025. ▪ UK Health Security Agency, UK Maps of Radon. (https://www.ukradon.org/information/ukmaps), accessed on 06 March 2025; ▪ Zetica UXO website (https://zeticauxo.com/downloads-and-resources/risk-maps/), accessed on 10 March 2025.

[1] Welsh Government (2024) Planning Policy Wales. Edition 12, February 2024. Available at: https://www.gov.wales/sites/default/files/publications/2024-07/planning-policy-wales-edition-12.pdf. Accessed March 2025.
[2] Welsh Local Government Association (2023) Development of Land Affected by Contamination: A Guide for Developers. Available at: https://naturalresources.wales/guidance-and-advice/business-sectors/planning-and-development/advice-for-developers/land-contamination/?lang=en. Accessed March 2025.
[3] Environment Agency (2023) Guidance: Land contamination risk management (LCRM): How to assess and manage the risks from land contamination. Available at: https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm. Accessed March 2025.
[4] BGS (2025) GeoIndex (onshore). Available at: https://www.bgs.ac.uk/map-viewers/geoindex-onshore/. Accessed March 2025.

Source	Details
	▪ Wales Government 'Flood map for planning natural resources' website (https://check-your-flood-risk.naturalresources.wales/), accessed 06 March 2025.

1.7 UNDERSTANDING RISK

1.7.1. It is important to understand that any risks identified during a preliminary assessment, such as the one presented in this document, are perceived risks based on the information reviewed. A more detailed assessment of the actual risks can only be assessed following further intrusive investigations.

1.7.2. The preliminary assessments presented herein are qualitative and based on professional judgements following the review of available data and within the context of the existing/proposed use.

1.7.3. The objective of a PRA is to identify the nature and magnitude of the potential risks. This involves consideration of each potential pollutant linkage (contaminant source – pathway – receptor), the current status of the site and the proposed new use, short-term (acute) and long-term (chronic) risks, and uncertainty. Those risk categories presented (very low, low, moderate/low, moderate, high, and very high) follow guidance presented in Volume 2, Annex 3 of Guidance for the safe development of housing on land affected by contamination[5]. This states that risk is based on a consideration of both:

- The likelihood of an event (probability) [considering both the presence of the hazard and receptor and the integrity of the pathway]; and
- The severity of the potential consequence [considering both the potential severity of the hazard and the sensitivity of the receptor].

1.7.4. See further information in **Addendum B**.

1.8 CONFIDENTIALITY AND LIMITATIONS

1.8.1. This report is addressed to and may be relied upon by Pennant Walters ('Client'). The report may not be relied upon or transferred to any other parties without the express written authorisation of WSP. This report should be read in full. No responsibility will be accepted where this report is used, either in its entirety or in part by any other party.

1.8.2. Third party information used in the production of this report has been taken in good faith as being accurate. WSP cannot and will not accept any liability for errors and/or omissions in data provided

[5] Environment Agency, National House Building Council and Chartered Institute of Environmental Health (2008) R&D Publication 66: 2008 Volume 1: Guidance for the Safe Development of Housing on Land Affected by Contamination. Available at: https://www.gov.uk/guidance/land-affected-by-contamination. Accessed March 2025.

by others and WSP cannot warrant the work of others. General limitations of the assessment are included in **Addendum C**.

2 SITE BACKGROUND INFORMATION AND SETTING

2.1 SITE DESCRIPTION AND CURRENT USE

2.1.1. A Site Location Map and Site Layout Plan are presented as **Figure 1** and **2** respectively within **Addendum A.**

2.1.2. A site walkover is planned but has not been undertaken at the time of writing. The PRA will be updated once this has been completed. The information presented in **Table 2-1** has been obtained from the sources of information detailed in **Section 1.6**.

Table 2-1 – Summary of Site Details

Detail	Comment
Name and Address of Site	The Site is situated in south Wales, to the southwest of Llangnwyd, near the town of Maesteg, at post code CF34 9PH.
National Grid reference	The Site is approximately centred at Grid Reference (E) 284175, (N) 187428.
Site Description and Current Use	Starting at its northern-most section, the Project route begins as OHL west of the A4063 and runs east for approximately 1.5km. To the north of Nantyffyllon, the route then transitions into UGC, mainly following the existing highway network south for approx. 5.1 km. At Sychbant Farm, the highway network ceases, this is where and the route transitions back into OHL and continues south for approx. 2.9km. The northern OHL route travels predominantly through improved grassland and marshy grassland, with some areas encroaching on bracken, broadleaved woodland and scrub. The southern OHL route crosses an area of mainly improved and poor semi-improved grassland, with some minor areas of broadleaved woodland, bracken and marshy grassland. The northern half UGC runs mainly within the existing built environment then follows an existing road through agricultural land to Sychbant Farm. In terms of site users, the main land use is agricultural at the proposed northern and southern OHL routes, and also around the southern portion of the UGC. The northern portion of the UGC runs mainly through residential areas with some commercial properties present. Most of the Site is publicly accessible. There will be no significant change to these land uses as a result of the Project.
Area	23.5 hectares (Ha)
Onsite Activities	As above, the main land use on the Site is agriculture. The proposed northern and southern OHL routes run mainly through agricultural land, the southern OHL route also crosses an area of woodland, west of Pentre Farm. The UGC route begins near Nantyffyllon in the north, passing through agricultural land then urban areas at Kings Terrace, Garnwen Road, Heol Ty Gwyn, and B4282 Road (Neath Road). South of Neath

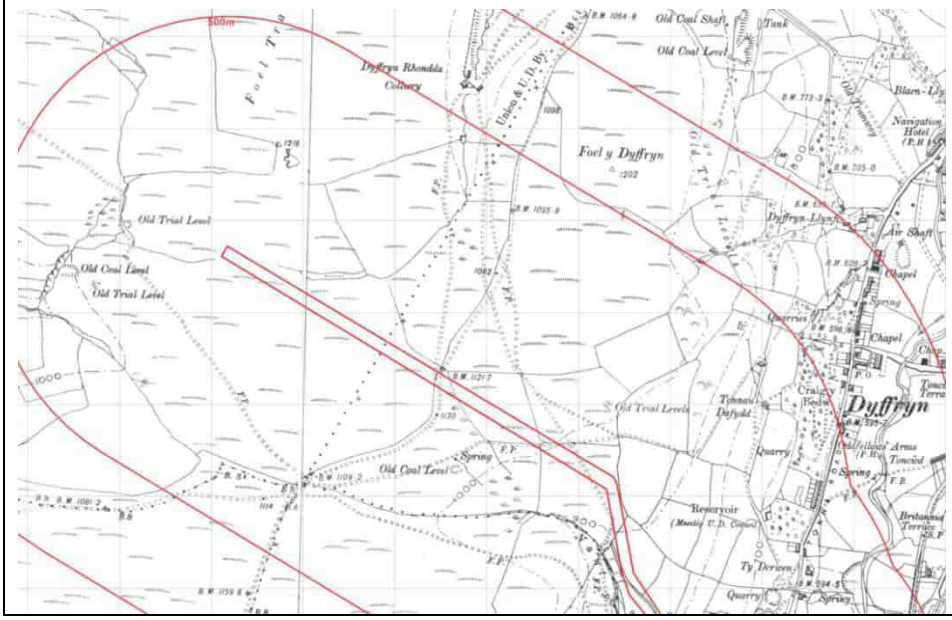
Detail	Comment
	Road the UGC continues along an unnamed road which runs past Maesteg Golf Club and continues through agricultural land until it reaches Synchbant Farm in the south. Further information on onsite activities will be provided following completion of the site walkover.
Site Setting and Surrounding Land Uses	To the west of the Project, the surrounding area consists mainly of fields and plantation woodland. To the east of the route there are residential properties and commercial facilities including Maesteg Fire Station, a football stadium, shops, various schools and farms. There are also a number of main roads within the surrounding area of the Project including the A4063 and the B4282.
Topography and Ground Cover	The topography to the west of the proposed southern OHL rises towards the hillside of Waun Lluest wen and Mynydd Margam where the landcover comprises coniferous forestry. South of the proposed southern OHL the topography rises towards the hillside summit of Moel Ton Mawr which comprises coniferous forestry and extends further east. The site walkover will include observations of local topography and ground cover.
Drainage and Flooding	The site walkover will include observations of any drainage and flooding issues.
Trees & Vegetation (including invasive species)	Ecological surveys have been completed for the Project separately and are reported in the EIA Report.
Foundations, Retaining Walls & Basements Evident on site	The site walkover will include checks for evidence of relic foundations, structures etc.
Visual Observations of Contamination or Ground Subsidence	The site walkover will include noting indications of potential contamination and ground instability based on visual observations.
Asbestos Containing Materials	Consideration of asbestos management within buildings and structures is outside the scope of this report, however the review of historical land uses in Section 3 includes consideration of whether asbestos containing materials or asbestos fibres may have been released to ground or buried in the ground during historical land uses. The site walkover will also note any potential asbestos containing material (ACMs) observed on the site (such as tipped waste or the presence of derelict buildings).

3 HISTORICAL LAND USE

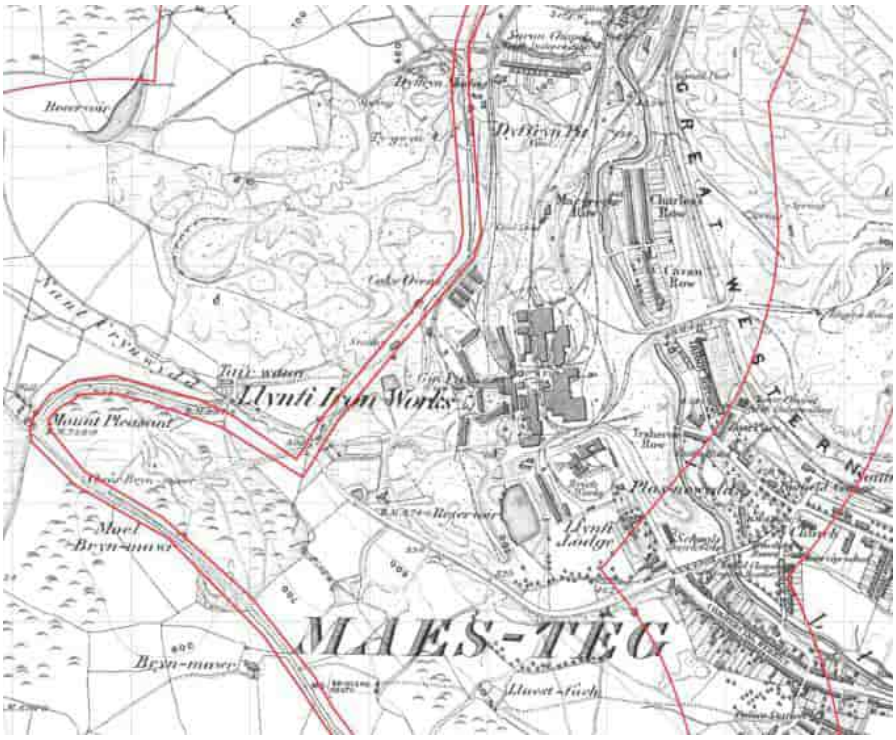
3.1 SITE DEVELOPMENT HISTORY

3.1.1. The historical site development review below is based on historical maps obtained as part of the Groundsure report and presented in **Addendum E**. This section describes historical land uses on site and in close proximity to it.

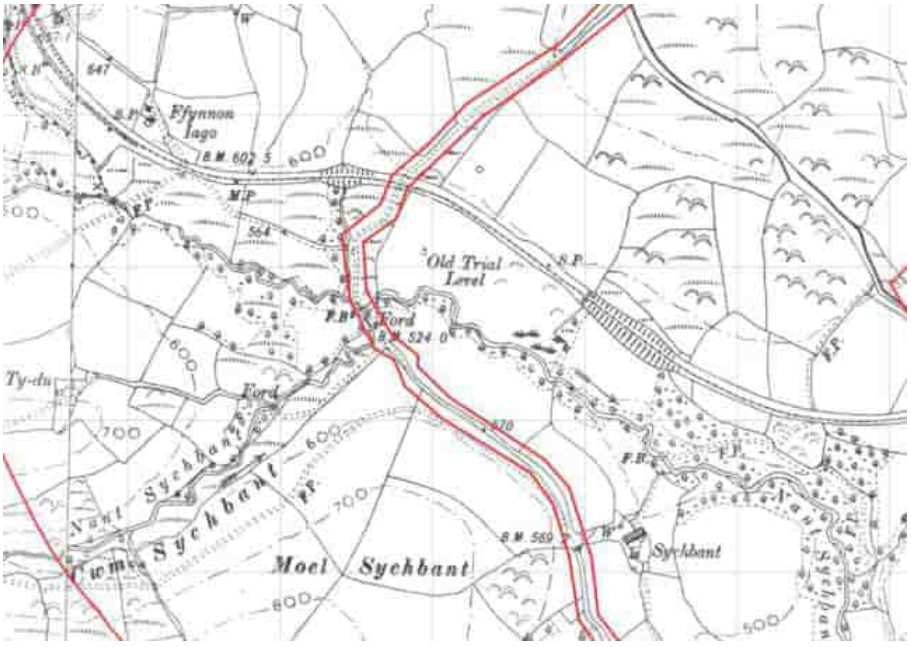
3.1.2. The Site is in an area where extensive coal mining has taken place historically and more information on this is provided in **Section 4.2**. Historical industrial land uses on the Site including quarries, old coal levels and trial levels, an iron works, spoil heaps, trial shafts, a rifle range, a pumping station, tramways, and a former mineral railway. Various hospitals were also present and a reservoir. Most of these features occur on the UGC route however all areas of the Site are located in areas of historical mineral extraction (coal and various quarries) and in some instances associated tracks and tramways intersect the OHL routes. Further description is provided below and the locations of historical features on the site are shown on **Figure 3, Addendum A**.



At the north OHL route, various old coal levels and trial levels are shown in the surrounding area by 1987 (map extract shown, see full map in **Addendum E**).



The earliest historical maps from 1875-1876 (map extract shown, see full map in **Addendum E**) indicate that the site remained undeveloped until early that year, other than a few named and unnamed roads crossing it. The 1875–1876 map shows heavy industry in the central area of the site along the UGC route, including Llynfi Iron Works, a smithy, and to the north of the iron works, Dyffryn Pit (coal). Coke ovens and railway sidings/tramways associated with these are shown adjacent to the Site and partly onsite, also numerous pits and spoil heaps. A quarry was present south of Neath Road at Mount Pleasant, labelled as 'Cwar Bryn-mawr', immediately east of the UGC route (labelled as disused by 1939). Llynfi Iron Works was disused by 1897 and Dyffryn Pit was disused by 1914. The 1921 map shows Kings Terrace road, and Garwen Road now present.

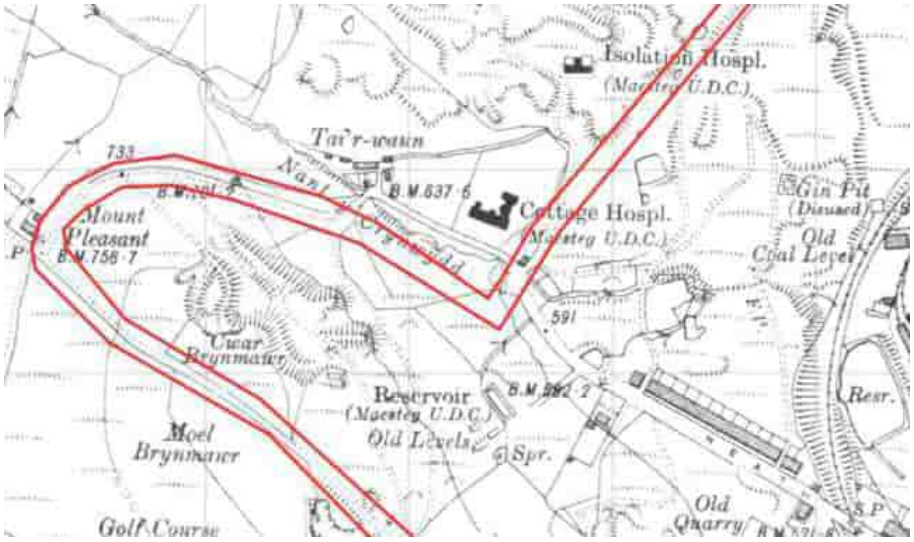


By 1897 the Port Talbot Railway Line (later the Port Talbot & GARW mineral railway) crossed the south portion of the UGC route (map extract shown, see full map in **Addendum E**), with an 'old trial level' shown nearby.

By 1914, a tramway (associated with an offsite quarry to the southwest) crossed the south of the southern OHL route from southwest to northeast.

A quarry was present onsite by 1914 south of Sychnbant farm, at the approximate southern extent of the OHL route.

Also, by 1914, a pumping station was present where the Nant Sychbant crosses the UGC route. The former Port Talbot & GARW mineral railway was dismantled by around 1989.



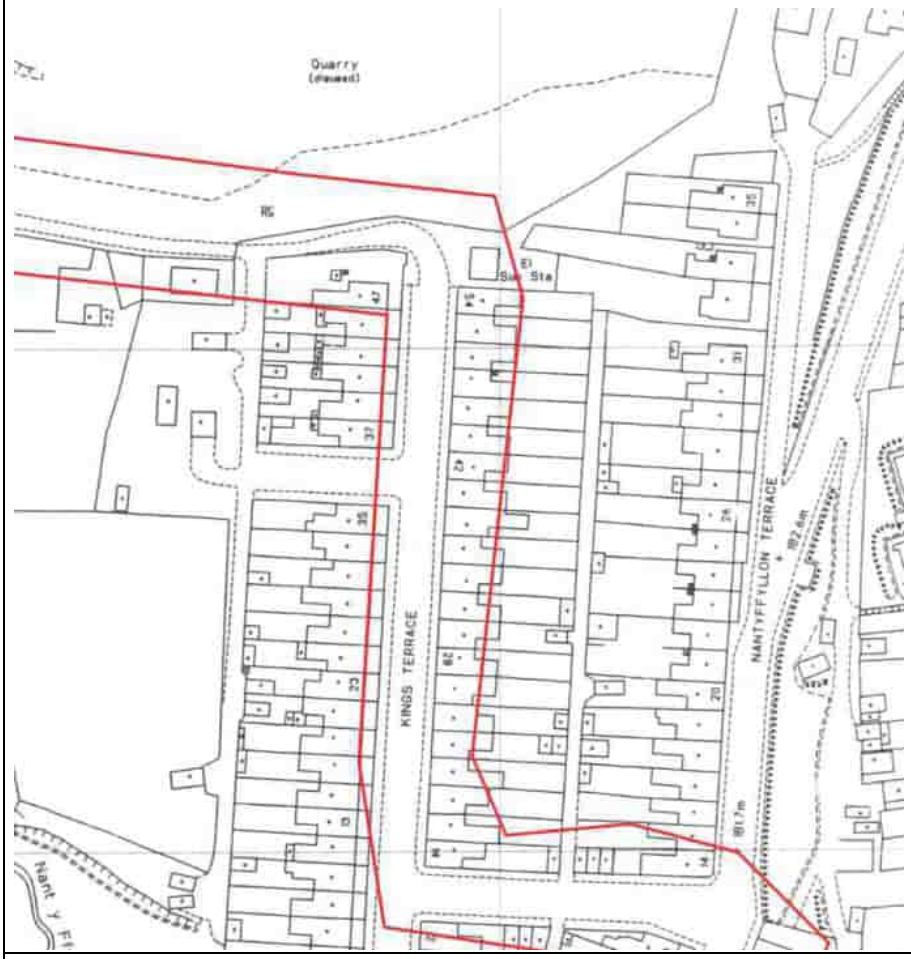
In 1919 the central portion of the UGC route is shown within the grounds of a Cottage Hospital by 1919 (this has been redeveloped and is currently Maesteg Hospital).

An isolation hospital is shown north of the Cottage Hospital by 1921 (map extract shown, see full map in **Addendum E**).

The isolation hospital was redeveloped as The Heol-Ty-Gwyn Industrial Estate and a depot by 2001.



The Forge Industrial Estate was developed approximately over the former Dyffryn Pit by 2001 (map extract shown, see full map in **Addendum E**), and Heol-Ty-Gwyn Industrial Estate was developed by 2001 west of Heol Tywyn road and north of Neath Road on the site of former quarries/pits. Tanks are shown within the industrial estate on 2003 mapping.



A substation is shown onsite on a 2003 map in the UGC route at the north end of Kings Terrace (map extract shown, see full map in **Addendum E**). Recent Google Streetview imagery indicates this is a small feature with no visible transformers, however based on the maps, an older substation may have been present at the same location.

Two additional substations are noted on historical mapping (1986 and 2003) a few metres west and a few metres east of the Site at the UGC route at Heol Ty Gwyn (approximate grid coordinates 284752, 191870, and 284835, 192289, respectively).



By 2001 clay workings are shown approximately 100m south of the north OHL route (map extract shown, see full map in **Addendum E**).

3.1.3. Farming activities have also taken place on the Site, and can include the use of hydrocarbons as fuels, burning of waste, use of chemicals such as herbicides and pesticides such as sheep dip. Asbestos can also be present in the ground or on the ground where former sheds/ structures have been located or associated with ad hoc waste disposal.

3.1.4. The historical maps show various springs and wells in the vicinity of the Site, and several reservoirs. A reservoir is shown in 1918 on the site at approximate coordinates 284500, 188300, this appears on maps up to 1993 but is not visible on current aerial photography, its status is not known.

3.1.5. No landfills are recorded on the Site, however due to the historical mineral extraction on the Site and other industrial uses (notably the former iron works on the Site) there is the potential for voids to have been infilled with waste materials.

3.2 HISTORY OF SURROUNDING AREA LAND USE

3.2.1. The historical maps (**Addendum E**) were reviewed to identify potentially contaminative former uses within a 250m radius of the Site boundary and a summary of these is provided in **Table 3-1**.

3.2.2. No licensed or historical landfills are recorded within 250m of the Site, however, as noted above, voids resulting from historical mineral extraction in the surrounding area may have been infilled with waste materials.

Table 3-1 – Summary of Historical Land Uses in the Surrounding Area

Historical Map (Date and Scale)	Offsite Feature (s)
1876 - 1990	Unspecified Pits and old trial level
1876 - 1990	Unspecified Ground Workings
1876 - 1989	Unspecified Heaps
1897 – 1947	Old Coal Levels
1876 - 1947	Trial level, old trial level and disused trial level
1897 – 1989	Unspecified quarry, unspecified old quarries and unspecified disused quarries
1914 – 1921	Tramway Sidings
1964 – 1989	Unspecified Disused Levels
1914 – 1965	Cuttings
1914 – 1989	Hospital and Isolation hospital
1964 – 1989	Coal Yards
1914 - 1947	Unspecified disused pit
1897	Unspecified Tanks
1876 – 1989	Railway Sidings and mineral railway sidings
1876 – 1897	Air shafts and old air shafts
1876 – 1897	Brick Works
1897 – 1947	Unspecified old levels
1897 – 1947	Refuse heap
1876	Iron works
1876	Coal pit
1876 – 1897	Coal level
1876	Smithy
1897 – 1947	Sulphurous wall
1876 - 1897	Brick works

4 ENVIRONMENTAL SETTING

4.1 PUBLISHED GEOLOGY

4.1.1. The British Geological Survey (BGS) Map No. 248 (1975) (Pontypridd, Drift Edition, 1:50,000 series) indicates that superficial deposits are absent across most of the Site, with sections of Glacial Till (described by the BGS as Diamicton) in the centre and south of the Site. Alluvium is also recorded to the east of the site and may be present beneath sections of the centre of the Site associated with the various rivers. The bedrock beneath the Site is recorded as the Llynfi Member and the Rhondda Member in the far north, the South Wales Upper and Middle Coal Measures Formation in the north central area, and the Rhondda Member in the centre and south section.

4.1.2. Several coal seams are recorded on the mapping to outcrop across the Site within the South Wales Upper and Middle Coal Measures section. The published mapping does not enable consideration of the depth at which these would be expected aside from the areas of outcrop. It should be noted that no 1:10,000 scale mapping is available for the Site, which may have provided clarity on the above and more detail in general regarding superficial and bedrock geology.

4.1.3. Given the Site location and development history, Made Ground soils are considered likely to be present across the Site. These soils are likely to exhibit a certain degree of heterogeneity. The nature of the material can be expected to vary substantially in both composition and thickness over short distances.

4.1.4. Twenty-five BGS borehole logs are available relating to the subject Site, or within a 50m radius. The nearest borehole logs (SS89SW21; SS89SW22) are located onsite in the central portion of the Site. The ground conditions presented in **Table 4-1** below are based on the available data presented in these nearest BGS borehole logs. A summary of the encountered ground conditions is presented below: The BGS borehole logs are presented as **Addendum F**.

Table 4-1 – Summary of Ground Condition based on BGS Borehole Logs

Stratum	Depth to Base (m bgl) (mean)	Thickness Range (m) (mean)	General Description	BGS IDs of Available Logs
Made Ground	0.35 – 18.75 (3.6)	0.35 – 18.75 (3.6)	Colliery Waste Fill Dark brown clay with gravel Workings spoil	373310 373302 15949275 373313 15949280 15949279 15949278 373303
Glacial Till	0.2 – 10.0	0.15 – 10.0	Very stiff gravelly sandy SILT with frequent cobbles and boulders.	373302

Stratum	Depth to Base (m bgl) (mean)	Thickness Range (m) (mean)	General Description	BGS IDs of Available Logs
	(3.7)	(3.0)	Stiff grey gravelly CLAY Stiff shaly CLAY Soft to firm gravelly CLAY Firm grey CLAY Firm silty sandy CLAY	373305 15949278 15949273 373313 15949272 373301 373312 373315 373316 373314 373317
South Wales Coal Measures	Not proven	Not proven	Dark grey laminated shaly MUDSTONE Old workings Sandy SILTSTONE Weathered MUDSTONE Carbonaceous SHALE Thinly bedded SANDSTONE Thinly bedded MUDSTONE Carbonaceous SHALE Weak COAL Laminated MUDSTONE	373310 373302 373305 15949273 373301 15949272 373313

4.2 MINING AND OTHER MINERAL EXTRACTION

4.2.1. A review of the Mining Remediation Authority mapping indicates that the Site is located within a coal mining reporting area. A Coal Mining Risk Assessment report has been prepared separately[6] and is included with the EIA Report for the Project. Numerous mine entries are recorded on or in proximity to the site (22 within 50m of the Site, comprised of five shafts and 17 adits). These are detailed in a

[6] WSP (2025) Pennant Walters, Foel Trawsnant Grid Connection: Coal Mining Risk Assessment. March 2025, Ref. UK0037904.7662. (Included as **Appendix 4B to the EIA Report** for the Project).

Consultants Coal Mining Report included with the Coal Mining Risk Assessment, which is included, along with the Coal Mining Risk Assessment, with the EIA Report.

4.2.2. According to Groundsure report, there are sixty-three records of BritPits activity within 250m radius of the Site. Two are recorded on the site, relating to Lluest-fach (coal) and the closest offsite record relates to Ty Gwyn (coal).

4.2.3. Four hundred and thirty-three records of surface ground workings are recorded within 250m of the site. These relate to unspecified quarries, reservoirs, ponds, unspecified ground workings, unspecified heap, old trial level, unspecified disused levels, cuttings and trial levels.

4.2.4. There is one record of non-coal mining onsite are a further two records within 250m of the Site related to iron ore (bedded). The two located offsite are 41m north and 197m north of the Site, respectively.

MINE GAS

4.2.5. Due to the coal mining history on the Site and in the surrounding area there is the potential for mine gas to be present.

4.2.6. Information in the Coal Mining Risk Assessment confirms that:

- Past underground mining has taken place onsite, coal seams are recorded being worked at depths of between 21m and 524m; and
- There are probable unrecorded shallow workings on the Site.

4.2.7. Based on the CL:AIRE (2021) mine gas risk assessment guidance[7], this means that Site is located in a high-risk zone for mine gas. Further consideration of mine gas risks is included in the risk assessment in **Section 6**.

4.3 GROUND STABILITY

Based on information from the Groundsure report, ground stability hazards on the Site are summarised in **Table 4-2**.

Table 4-2 – Summary of Ground Stability Hazards

Hazard	Potential (within 50m)
Shrink swell clays	Very low
Running sands	Low
Compressible deposits	Moderate
Collapsible deposits	Very low

[7] CL:AIRE (2021) Good Practice for Risk Assessment for Coal Mine Gas Emissions. Available at: https://claire.co.uk/home/news/1561-new-cl-aire-publication. Accessed March 2025.

Hazard	Potential (within 50m)
Landslides	Moderate
Ground dissolution of soluble rocks	Negligible

4.4 HYDROGEOLOGY

AQUIFER STATUS

4.4.1. Where present on the Site, the superficial deposits of Glacial Till and Alluvium are classified by Natural Resources Wales and the BGS as a Secondary Undifferentiated and Secondary A Aquifer, respectively. All bedrock underlying the site (including the Pennant Sandstone Formation and South Wales Middle Coal Measures Formation) is classified as Secondary A Aquifer.

4.4.2. The depth to groundwater on the Site is likely to be variable given the partial coverage of the Site with superficial deposits with variable permeability, the presence of made ground of variable permeability and thickness, and many parts of the Site have bedrock at or near surface, which will be comprised of variably permeable layers.

4.4.3. BGS borehole record SS89SW21 on the Site (at grid coordinates 284630, 191670) records groundwater encountered at 2.0m below ground level (bgl) at the base of made ground (reworked natural materials comprising a gravelly sandy silt cobbles of sandstone). Borehole record SS89SW22 on the Site recorded no groundwater within a trial pit extended to 1.3m depth.

4.4.4. The Groundsure report records that the Swansea Carboniferous Coal Measures groundwater body underlying the Site is monitored as part of Natural Resources Wales Water Framework Directive (WFD) monitoring and was classed as having overall poor quality in 2017. The poor water quality is likely to reflect the history of industrial land uses on Site and in the surrounding area, these include extensive coal and other mineral extraction, in addition to railways, an iron works and other manufacturing works.

GROUNDWATER ABSTRACTIONS

4.4.5. The Groundsure Report records one current licensed groundwater abstraction within a 250m radius of the subject Site.

4.4.6. The Site is not located within any Source Protection Zone, as designated by Natural Resources Wales.

4.4.7. Most of the Site is located in an area of high groundwater vulnerability for the Secondary bedrock aquifer and part of the Site is in an area of medium groundwater vulnerability for the Secondary superficial aquifer.

4.5 HYDROLOGY

SURFACE WATER FEATURES

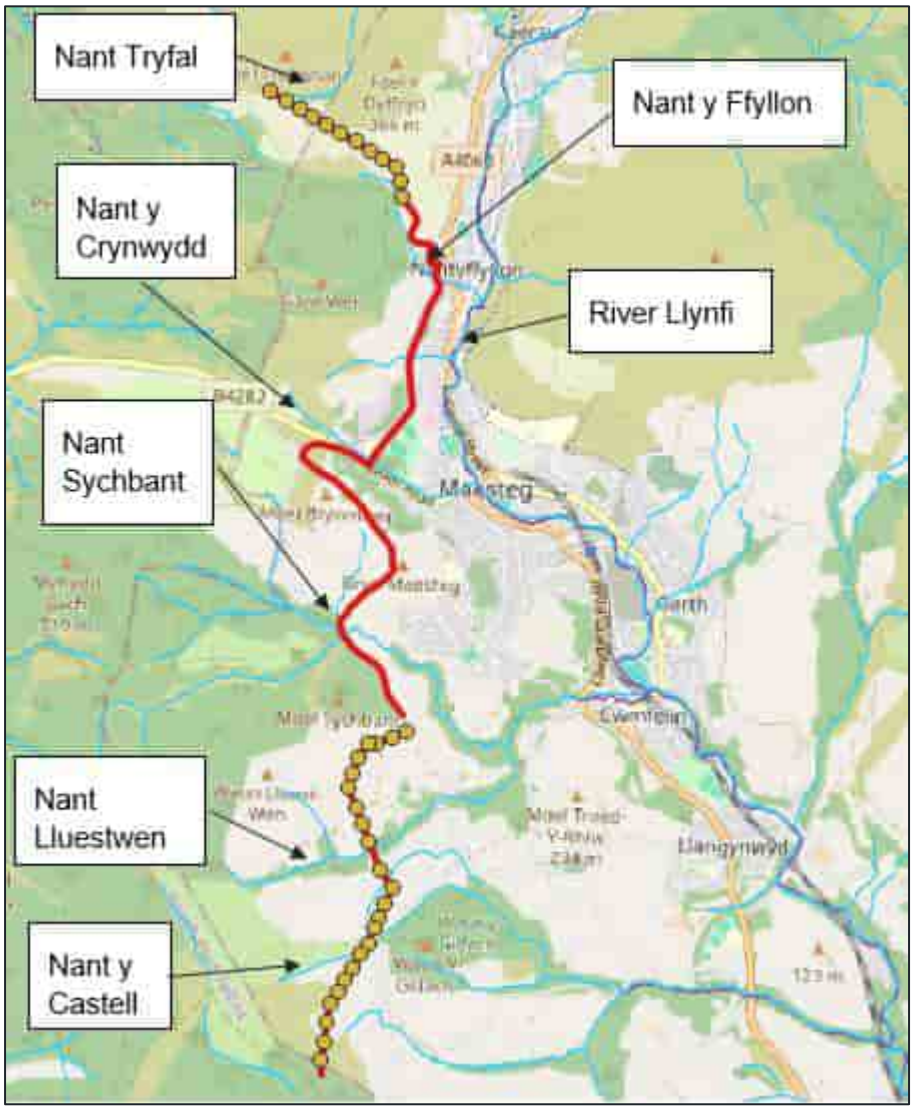
4.5.1. The Groundsure Report the nearest surface water features are various inland rivers on Site:

- the Nant y Castell;
- Nant Sychbant;
- Nant y Crynwydd;

- Nant Lluestwen;
- Nant y Ffyllon; and
- Nant y Goblyn.

4.5.2. The Nant Tryfal is c.25m north of the north OHL route. Watercourses in the vicinity of the Site are shown in Section 6 of the Groundsure report (**Addendum E**) and below (based on information from DataMap Wales).

Figure 4A.B-1 - Watercourses in the Vicinity of the Site



4.5.3. The nearest main river monitored by Natural Resources Wales is the River Llynfi (headwaters to Lletty Brongu STW) 203m northeast of the Site, the Groundsure report records that this was classed as having overall moderate quality in 2016.

SURFACE WATER ABSTRACTIONS AND DISCHARGES

4.5.4. The Groundsure Report records that there are no surface water abstractions recorded within 250m radius of the Site.

FLOODING

4.5.5. The Groundsure report and the Natural Resources Wales Flood Map for Planning[8] record that the Site is not in an area affected by coastal flooding. Most of the site is not in an area affected by river flooding except for where the south OHL route crosses an area of Flood Zone 3 associated with the Nant Sychbant at Cwm Sychbant. Flood Zone 3 is assigned to rivers with less than 1% (1 in 100) but greater than or equal to 0.5% (1 in 200) chance of flooding in any given year, including an allowance for climate change.

4.5.6. The Site also runs through various areas at risk of flooding by surface water or small watercourses (shown in **Addendum E**). It should be noted that climate change may result in changes to the frequency of extreme weather events and associated flooding.

4.5.7. Flood risk for the Project has been considered separately within **Chapter 10: Water Resources and Flood Risk of the EIA Report** (**Volume 1**).

4.5.8. The Groundsure report indicates that most of the Site has negligible risk of groundwater flooding except for parts in the northern, central and south-central portion of the Site which has low risk from groundwater flooding.

4.6 PRELIMINARY HYDROGEOLOGICAL MODEL

4.6.1. The superficial deposits of Glacial Till, and Alluvium are classified as Secondary Undifferentiated and Secondary A Aquifers, respectively. A Secondary Undifferentiated Aquifer refers to formations with variable permeability due to mixed lithology (e.g., interbedded sandstones, mudstones, clays, or other materials). Secondary A Aquifers have the potential to contain and transmit groundwater.

4.6.2. The bedrock Pennant Sandstone Formation and South Wales Middle Coal Measures Formation are both classified as Secondary A Aquifers, meaning they are likely to support a continuous groundwater body.

4.6.3. Made ground is not assigned an aquifer designation, however, groundwater may be present within granular strata within Made Ground deposits.

4.6.4. The depth to groundwater on the Site is likely to be variable given the partial coverage of the Site with superficial deposits with variable permeability, the presence of made ground of variable permeability and thickness, and many parts of the Site have bedrock at or near surface, which will be comprised of variably permeable layers. An onsite BGS borehole record records groundwater encountered at 2.0m bgl at the base of a Made Ground layer.

[8] Natural Resources Wales (2025) Flood map for planning/ development advice map. Available at: https://naturalresources.wales/flooding/flood-map-for-planning-development-advice-map/?lang=en

4.7 ECOLOGY & ARCHAEOLOGY

ECOLOGY

4.7.1. There are no statutory designated sites within the Site. The Groundsure report (**Addendum E**) indicates the following:

- The Site is not located within any surface water Nitrate Vulnerable Zone within 250m of the Site;
- There are no records of Special Areas of Conservation (SAC) or Special Protection Areas (SPAs) recorded within 250m of the Site;
- There are no Sites of Special Scientific Interest (SSSI) within 250m of the Site. The Site is not located within a SSSI Impact Risk Zone related to developments;
- There are no National Nature Reserves (NNR) within 250m of the Site;
- There are no Local Nature Reserves (LNR) within 250m of the Site; and
- There are no Green Belts recorded within 250m of the Site.

4.7.2. There are 17 Designated Ancient Woodlands recorded on Site or within 250m of the Site. The Groundsure report records three areas of Ancient Semi Natural Woodland on the Site and a Plantation on Ancient Woodland.

4.7.3. There is one Forest Park located onsite at Afan Argoed. Forest Parks are areas designated by the Forestry Commission on the basis of recreational, conservation or scenic interest.

ARCHAEOLOGY/ CULTURAL HERITAGE

- The Groundsure report records no visual or cultural designations on the Site;
- There are 5 Listed Buildings recorded within 250 m of the Site;
- There are 3 Scheduled Ancient Monuments recorded within 250 m of the Site; and
- There are no records of Visual and cultural designations located within 250 m of the Site.

4.8 CLIMATE CHANGE

4.8.1. Future Climate Change under RCP8.5 Scenario

Sea Level Rise/ Flood Risk

4.8.2. The Site is not located within the vicinity of the sea, and therefore future changes in sea level have not been considered.

4.8.3. The Groundsure report and information on DataMap Wales records that most of the Site is not in an area affected by river flooding, with the exception of the south OHL route where it crosses an area of Flood Zone 3 associated with the Nant Sychbant at Cwm Sychbant. It should be noted that climate change may result in changes to the frequency of extreme weather events and associated flooding. Flood risk for the Project has been considered separately within **Chapter 10: Water Resources and Flood Risk of the EIA Report** (**Volume 1**).

Projected Changes to Groundwater Level

4.8.4. The Site is within the Swansea Carboniferous Coal Measures groundwater catchment, which falls under the WFD definition of a groundwater body. The eFLaG project far-future (2050-2079)

projections for groundwater recharge within this catchment[9] report higher recharge in the winter months, up to a median 0.68mm increase per day in January for this groundwater body. Slightly lower recharge is indicated for summer months. This indicates potential future increases in groundwater level during winter, relative to the current baseline.

4.9 UNEXPLODED ORDNANCE (UXO)

4.9.1. A review of the Zetica Unexploded Bomb (UXB) Risk Map available online indicated that the Site is in an area of low unexploded ordnance (UXO) risk defined as "*areas indicated as having 15 bombs per 1000 acre or less"* during WWII. A Zetica Pre-Desk Study Assessment (PDSA) has been requested for the Site but at the time of writing this is not yet available.

4.9.2. A former rifle range is noted to have been present on the Site (see **Section 3.1**), some redevelopment has since taken place over its footprint, lowering the risk of unexploded ordnance being encountered but it cannot currently be ruled out.

4.9.3. A copy of the Zetica UXB Risk Map is included as **Addendum G**.

4.10 RADON

4.10.1. With reference to the Groundsure report, most of the site lies in an area where less than 1% of properties are affected by radon. In the northern and central portions of the Site between 1% and 3% of properties are affected. In these areas radon protection measures are not needed. Basic radon protection measures would however be required at the south-central portion of the site, which lies in an area where between 5% and 10% of properties are affected by radon (see **Addendum E**).

4.10.2. As the proposed development does not include any new buildings, there will be no new receptors introduced because of the Project. However, should future proposed developments of the Site include basements or occupied below-ground structures, the radon risk should be further assessed in line with UKHSA guidance.

[9] Available at: https://eip.ceh.ac.uk/hydrology/eflag/. Accessed March 2025.

5 REGULATORY INFORMATION AND CONSULTATION

5.1 REGULATORY DATABASE

5.1.1. The Groundsure Report (**Addendum E**) includes information and data collected from several organisations including the Environment Agency, the Local Authority, the British Geological Survey, Department for Environment, Food and Rural Affairs (DEFRA) and Health and Safety Executives (HSE). **Table 5-1** summarises this information.

Table 5-1 – Summary of Regulatory Database Searches

Descriptor	On site	0-50 m	50-250 m	Details
Historical Industrial Land Uses	54	82	204	A number of historical industrial land uses have been recorded on and within the vicinity of the Site.
Historical Tanks	1	2	22	A number of historical tanks have been recorded on and within the vicinity of the Site. One is located onsite, and the closest offsite historical tank is located 22m north, wherein the content of the tank is unspecified.
Historical Energy Features	3	10	22	A number of historical energy features have been recorded within the vicinity of the Site. The closest is an Electricity Transformer and Substation located onsite between 1972 to 1993 and the closest offsite is related to Electricity Transformer and Substation located 1m north of the site between 1984 to 1995. One electrical substation has been identified on historical mapping at the north end of the UGC route, however it is unclear where the other features are located.
Historical Garages	0	0	2	A number of historical garages have been recorded within the vicinity of the Site. The two offsite historical garages are both located 81m north of site between 1972 – 1993.
Current or Recent Petrol Stations	0	0	0	N/A.
Licensed Waste Sites	0	0	16	A number of licensed waste sites have been recorded within the vicinity of the site. The closest record relates to Partspeed Ltd located 135m northeast of the site.
Waste exemptions	0	0	71	A number of waste exemption sites have been recorded within the vicinity of the site. The closest record relates to Forge Travel Ltd located 62m north of the site for the use of waste in construction.
Licensed Discharges to Controlled Waters	0	0	10	A number of Licensed Discharges to Controlled Waters have been recorded within the vicinity of the Site. The closest record relates to Maesteghl (Brynmaco) located 65m northwest of the Site. The discharge type is unspecified.

Descriptor	On site	0-50 m	50-250 m	Details
List 1 Dangerous Substances	0	0	2	A number of List 1 Dangerous Substances have been recorded within the vicinity of the site. The closest record relates to Welsh Porcelain located 115m north of the site for Cadmium.
List 1 Dangerous Substances	0	0	1	The record relates to Midcast Forge located 123m northeast of the site for Total metals (non-ferrous).
Pollution Incidents (EA/NRW)	0	3	18	A number of Pollution Incidents (EA/NRW) have been recorded within the vicinity of the site. The closest three incidents occurred: ▪ 4m south of the site: Incident occurred on 1 May 2003 with the pollutant recorded as specific waste materials, which caused a minor impact to land and no impact to water and air. ▪ 26m north of the site: Incident occurred on 15 March 2016 with the pollutant recorded as not identified, which caused no impact to water, but details of impact are not recorded for land and air impact. ▪ 79m south of the site: Incident occurred on 25 September 2003 with the pollutant recorded as specific waste materials, which caused significant impact to land but no impact to water and air.

5.2 PLANNING HISTORY

5.2.1. Searches of the Neath Port Talbot Council and Bridgend County Borough Council Planning Portals were completed on 6 March 2025. No planning application/records were found in the area covered by the Site boundary, apart from the Project application for a Development of National Significance (DNS) 66kV electricity network infrastructure comprising overhead lines and underground cables, starting at Foel Trawsnant Wind Farm (grid ref: 283941, 194161) in the north, and heading south through the western edge of Maesteg (grid ref: 284482, 191458) to a connection point with the existing overhead line approximately 2km south west of the settlement of Llangynwyd (grid ref: 284175, 187428) with reference no. P2025/0043..

5.3 LOCAL AUTHORITY ENQUIRY

5.3.1. The Environmental Health Officers at Neath Port Talbot Council and Bridgend County Borough Council were contacted via email on 6 March 2025 regarding environmentally pertinent information held relating to the Site. Responses are awaited from the Local Authorities.

6 PRELIMINARY CONCEPTUAL SITE MODEL

6.1 INTRODUCTION

6.1.1. The Conceptual Site Model (CSM) is based upon the environmental conditions of the Site as described in the previous sections. The methods used in this assessment follow a risk-based approach with the potential environmental risk assessed qualitatively using the 'source-pathway-receptor' contaminant linkages concept in accordance with LCRM.

6.1.2. Environmental risk can be defined as the combination of the consequence of a harmful effect and the probability of its occurrence. The existing of a viable contaminant linkage is dependent on-site usage and/ or environmental conditions.

6.1.3. The environmental risk assessment has been carried out identifying and evaluating the significance of the following:

- Potential Sources of Contamination: these include any actual or potential activities of concern, located either on or in the vicinity of the Site;
- Potential Pathways: these are the routes or mechanisms by which contaminants of concern (CoC) may migrate from the source to the receptor; and
- Potential Receptors: these include current or future land users, activities or persons at the Site that could be harmed by CoC.

6.2 POTENTIAL SOURCES OF CONTAMINATION

6.2.1. **Table 6-1** provides a summary of the potential sources of contamination that may be present at the Site, as well as the likely distribution of such sources.

Table 6-1 – Potential Sources of Contamination

Potential Source	Potential Contaminants of Concern	Likely / Anticipated Distribution
ONSITE		
Made ground: residual coal mining waste (spoil heaps recorded on the Site and UGC runs through former Dyffryn Pit).	Heavy metals, sulphates, cyanide, PAHs.	Localised across the Site, may be present beneath roads as fill material along the UGC route.
Former iron works.	Asbestos, heavy metals, other inorganics including cyanides, sulphates, fluorides, polychlorinated biphenyls (PCBs).	Central portion of the site, UGC route north of Neath Road.
Made Ground associated with potentially infilled quarries, former tramways or mineral railways.	Asbestos, heavy metals, other inorganics, polycyclic aromatic hydrocarbons (PAH), total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), ground gases (e.g., methane, volatiles).	Localised across the Site, various former tramways on the Site and intersected by it, and former mineral railway.

Potential Source	Potential Contaminants of Concern	Likely / Anticipated Distribution
Electrical substations/ transformers.	Polychlorinated biphenyls (PCBs) and mineral oils.	Small features present within the UGC route or close to it as it runs through urban areas.
Former rifle range.	Heavy metals including lead and antimony (unexploded ordnance hazards are considered separately).	Central northern portion of the site, UGC route near Heol Ty Gwyn Road.
Farming activities.	Asbestos, hydrocarbons (fuels and oils), PAHs, pesticides, agricultural chemicals.	Locally within the north OHL route, south OHL route, north and south ends of UGC route.
Coal mining.	Mine gases (e.g., methane, carbon dioxide, hydrogen sulphide).	Site-wide.
OFFSITE		
Contaminated groundwater associated with potentially infilled quarries offsite, former industrial land uses, surrounding commercial land uses (including Forge Estate – tanks present, Heol-Ty-Gwyn Industrial Estate)	Heavy metals, other inorganics, hydrocarbons, VOCs, SVOCs	Locally in the north, central and south areas, including the UGC route, the north and south OHL routes

6.3 POTENTIAL PATHWAYS

6.3.1. In the context of the Project, the following potential exposure or migration pathways associated with the identified potential source(s) have been identified:

Pathways to Human Health receptors:

- Dermal/ direct contact with soils and groundwater.
- Ingestion of dusts/soil particles;
- Inhalation of dusts and fibres (on and offsite receptors); and
- Inhalation of hazardous ground gases/vapours (on and offsite receptors)

Pathways to Controlled Water receptors:

- Leaching of contaminants through the unsaturated zone and subsequent impact to groundwater within the underlying aquifers; and
- Lateral migration of contaminants within groundwater and subsequent impact of surface water receptors.

Pathways applicable to Site infrastructure:

- Direct contact with contaminants (e.g., sulphates) in the soil and groundwater with below ground structures (buried concrete); and
- Accumulation of hazardous gases within below ground structures in the future development (explosive risk).

Pathways applicable to Site plant life:

- Direct contact with contaminants within soils and shallow groundwater.

6.4 POTENTIAL RECEPTORS

6.4.1. In the context of the future proposed development of the Site, which involves development of National Significance (DNS) 66kV electricity network infrastructure comprising overhead lines and underground cables and connecting back with the existing overhead, the following potential receptors were identified:

Human Health

- Future site users (the public, agricultural workers, site workers e.g., grid connection maintenance workers); and
- Adjacent site users (the public, residents, commercial workers).

Controlled Waters

- Groundwater (Secondary undifferentiated aquifer – Glacial Till – present locally, Secondary A aquifer – Alluvium – present locally, Secondary A Aquifer - Pennant Sandstone Formation and South Wales Middle Coal Measures Formation – all Site areas); and,
- Surface waters – Nant y Castell, Nant Sychbant, Nant y Crynwydd, Nant Lluestwen, Nant y Ffyllon, Nant y Goblyn and potential for culverted drains on the Site.

Services and Built Environment

- Future buildings and services (including proposed cables, OHL pre-cast blocks).

Flora

- Plant life in landscaped areas.

6.4.2. No new landscaped areas are confirmed within the proposed development however it is expected that reinstatement of vegetation will be needed locally at the OHL pole locations and potentially in some areas of the UGC route.

6.5 PRELIMINARY CONCEPTUAL SITE MODEL

6.5.1. The CSM identifies the potential contamination sources, receptors, and the exposure pathways by which they may be linked. A Source-Pathway-Receptor linkage (SPRL) is present if a viable pathway exists between a potential source and an identified receptor.

6.5.2. The proposed end use of the Site will remain largely unchanged from the current use, which as described in Section 2 is largely agricultural, residential and commercial use, with much of the Site being publicly accessible.

6.5.3. A summary of potential contaminant linkages identified in the preliminary CSM is provided **Table 6-2**.

REDEVELOPMENT/CONSTRUCTION WORKERS

6.5.4. The conceptual model does not consider risks to construction/ site maintenance workers on the basis that risks to workers will be dealt with under the Health and Safety at Work Act (1974) and regulations made under the Act. Site-specific contamination data obtained from all Site investigations should be included in the pre-construction information (requirement of Construction Design and management Regulations 2015) for the proposed works, to enable any contractors to address potential risk from contamination as necessary in their risk assessments and method statements. Moreover, as the exact details of the method adopted are not currently known, it is not considered appropriate to provide a wide ranging and speculative risk assessment for redevelopment workers.

INVASIVE SPECIES

6.5.5. Invasive species (such as Japanese knot weed and giant hogweed) are not considered within the risk assessment for ground contamination.

UNEXPLODED ORDNANCE (UXO)

6.5.6. A UXO risk assessment has not been carried out as part of this study. A Zetica Pre-Desk Study Assessment (PDSA) has been commissioned (see **Section 4.10**).

Table 6-2 – Preliminary Risk Assessment for the Proposed End Use

SPRL	Potential Source	Contaminants	Pathway	Receptor	Likelihood	Hazard (Severity)	Preliminary Risk Rating	Comments
	ONSITE:							
1	Made ground: residual mine waste (spoil heaps recorded on the Site and UGC runs through former Dyffryn Pit)	Heavy metals, sulphates, cyanide, PAHs	Dermal/ direct contact, ingestion, inhalation	Future site users (the public, agricultural workers, site workers e.g., maintenance workers)	Low likelihood	Mild	Low	In UGC route most made ground is likely to be below hard surfaces. In OHL areas only localised waste disposal is likely
2	Made ground: residual mine waste (spoil heaps recorded on the Site and UGC runs through former Dyffryn Pit)	Heavy metals, sulphates, cyanide, PAHs	Controlled water – groundwater	Leaching, migration	Likely	Mild	Moderate/ low	Shallow groundwater was recorded in a BGS log and some impact on water quality due to residual buried mine waste is likely

SPRL	Potential Source	Contaminants	Pathway	Receptor	Likelihood	Hazard (Severity)	Preliminary Risk Rating	Comments
3	Made ground: residual mine waste (spoil heaps recorded on the Site and UGC runs through former Dyffryn Pit)	Heavy metals, sulphates, cyanide, PAHs	Controlled water – surface water	Leaching, migration	Likely	Mild	Moderate/ low	Several tributaries of the River Llynfi run through the site, Potential for runoff and groundwater baseflow to 4affect watercourses.
4	Made ground: residual mine waste (spoil heaps recorded on the Site and UGC runs through former Dyffryn Pit)	Heavy metals, sulphates, cyanide, PAHs	Direct contact	Future buildings and services	Likely	Mild	Moderate/ low	Elevated sulphate may be present in mine spoil if present. Concrete will be specified according to ground conditions as described in relevant guidance.
5	Former iron works	Asbestos	Inhalation of fibres	Future site users (the public, agricultural workers, site workers e.g., maintenance workers)	Unlikely	Severe	Moderate/ low	Where hardstanding is proposed this will limit the potential for site users to come into contact with fibres in soils/

SPRL	Potential Source	Contaminants	Pathway	Receptor	Likelihood	Hazard (Severity)	Preliminary Risk Rating	Comments
								Made Ground and there would be no pathway. However, in any unsealed areas (i.e., soft landscaping/ verges) there may be potential for a contaminant linkage to occur.
6	Former iron works	Heavy metals, other inorganics including cyanides, sulphates, fluorides, PCBs	Dermal/ direct contact, ingestion, inhalation	Future site users (the public, agricultural workers, site workers e.g., maintenance workers)	Unlikely	Medium	Low	Where hardstanding is proposed this will limit the potential for site users to come into contact with contaminants in soils/ Made Ground or shallow groundwater and there would be no pathway. However, in any unsealed areas (i.e., soft landscaping/ verges) there may be potential for a contaminant linkage to occur.

SPRL	Potential Source	Contaminants	Pathway	Receptor	Likelihood	Hazard (Severity)	Preliminary Risk Rating	Comments
7	Former iron works	Heavy metals, other inorganics including cyanides, sulphates, fluorides, PCBs	Controlled water – groundwater	Leaching, migration	Likely	Mild	Moderate/ low	Shallow groundwater was recorded in a BGS log and some impact on water quality due to residual contamination associated with the former iron works is likely.
8	Former iron works	Heavy metals, other inorganics including cyanides, sulphates, fluorides, PCBs	Controlled water – surface water	Leaching, migration	Likely	Mild	Moderate/ low	The former iron works is close to the River Llynfi and tributaries.
9	Former iron works	Heavy metals, other inorganics including cyanides, sulphates, fluorides, PCBs	Direct contact	Future buildings and services	Likely	Mild	Moderate/ low	Elevated sulphate may be present in mine spoil if present. Concrete will be specified according to ground conditions as described in relevant guidance.

SPRL	Potential Source	Contaminants	Pathway	Receptor	Likelihood	Hazard (Severity)	Preliminary Risk Rating	Comments
10	Made Ground associated with potentially infilled quarries, former tramways or mineral railways	Asbestos	Inhalation of fibres	Future site users (the public, agricultural workers, site workers e.g., maintenance workers)	Unlikely	Severe	Moderate/ low	Where hardstanding is proposed this will limit the potential for site users to come into contact with fibres in soils/ Made Ground and there would be no pathway. However, in any unsealed areas (i.e., soft landscaping/ verges, OHL routes) there may be potential for a contaminant linkage to occur.
11	Made Ground associated with potentially infilled quarries, former tramways or mineral railways	Heavy metals, other inorganics, PAH, TPH, VOCs, SVOCs, PCBs	Dermal/ direct contact, ingestion, inhalation	Future site users (the public, agricultural workers, site workers e.g., maintenance workers)	Unlikely	Medium	Low	In UGC route most made ground is likely to be below hard surfaces. In OHL areas only localised waste disposal is likely
12			Controlled water – groundwater	Leaching, migration	Likely	Mild	Moderate/ low	Shallow groundwater was recorded in a BGS log and some

SPRL	Potential Source	Contaminants	Pathway	Receptor	Likelihood	Hazard (Severity)	Preliminary Risk Rating	Comments
								impact on water quality is likely
13	Made Ground associated with potentially infilled quarries, former tramways or mineral railways	Heavy metals, other inorganics, PAH, TPH, VOCs, SVOCs, PCBs	Controlled water – surface water	Leaching, migration	Likely	Mild	Moderate/ low	Several tributaries of the River Llynfi run through the site, Potential for runoff and groundwater baseflow to affect watercourses.
14	Made Ground associated with potentially infilled quarries, former tramways or mineral railways	Heavy metals, other inorganics, PAH, TPH, VOCs, SVOCs, PCBs	Direct contact	Future buildings and services	Likely	Mild	Moderate/ low	Elevated sulphate or other aggressive ground conditions may be present. Concrete will be specified according to ground conditions as described in relevant guidance.
15	Made Ground associated with potentially infilled quarries, former tramways or mineral railways	Ground gas (methane, volatiles)	Inhalation of hazardous gases	Future site users (the public, agricultural workers, site workers e.g., maintenance workers)	Unlikely	Medium	Low	No above ground buildings are proposed for the Project which lowers the risk. However, the potential for any above or below ground structures

SPRL	Potential Source	Contaminants	Pathway	Receptor	Likelihood	Hazard (Severity)	Preliminary Risk Rating	Comments
								to allow gas accumulation should be considered in the final design and mitigated.
16	Made Ground associated with potentially infilled quarries, former tramways or mineral railways	Ground gas (methane, volatiles)	Accumulation of gas in enclosed spaces	Adjacent site users (residents, commercial workers)	Low likelihood	Medium	Moderate/ low	No ground gas issues known to affect existing properties however there may be potential for new gas migration pathways to be created by the Project and this should be considered in the final design and mitigated. Assessment also considers the long period since waste is likely to have been deposited.
17	Made Ground associated with potentially infilled quarries, former	Ground gas (methane, volatiles)	Accumulation of gas in enclosed spaces	Future buildings and services	Unlikely	Severe (explosion)	Moderate/ low	No above ground buildings are proposed for the Project which lowers the risk.

SPRL	Potential Source	Contaminants	Pathway	Receptor	Likelihood	Hazard (Severity)	Preliminary Risk Rating	Comments
	tramways or mineral railways							However, the potential for any above or below ground structures to allow gas accumulation should be considered in the final design and mitigated.
18	Electrical substations/ transformers	PCBs and mineral oils	Dermal/ direct contact, ingestion, inhalation	Future site users (the public, agricultural workers, site workers e.g., maintenance workers)	Unlikely	Mild	Very Low	In UGC route most made ground is likely to be below hard surfaces. In OHL areas only localised waste disposal is likely
19	Electrical substations/ transformers	PCBs and mineral oils	Controlled water – groundwater	Leaching, migration	Low likelihood	Mild	Low	Available information indicates small scale sources on or near site and significant impacts groundwater quality are unlikely

SPRL	Potential Source	Contaminants	Pathway	Receptor	Likelihood	Hazard (Severity)	Preliminary Risk Rating	Comments
20	Electrical substations/ transformers	PCBs and mineral oils	Controlled water – surface water	Leaching, migration	Low likelihood	Mild	Low	Several tributaries of the River Llynfi run through the site, Potential for runoff and groundwater baseflow to affect watercourses.
21	Electrical substations/ transformers	PCBs and mineral oils	Direct contact	Future buildings and services	Unlikely	Mild	Very low	Available information indicates small scale sources on or near site and significant impacts on the proposed development are unlikely.
22	Former rifle range	Heavy metals including lead and antimony	Dermal/ direct contact, ingestion, inhalation	Future site users (the public, agricultural workers, site workers e.g., maintenance workers)	Unlikely	Mild	Very Low	In UGC route most made ground is likely to be below hard surfaces. Source is limited in scale on the Site and any contamination is likely to be localised.

SPRL	Potential Source	Contaminants	Pathway	Receptor	Likelihood	Hazard (Severity)	Preliminary Risk Rating	Comments
23	Former rifle range	Heavy metals including lead and antimony	Controlled water – groundwater	Leaching, migration	Unlikely	Mild	Very low	Source is limited in scale on the Site and any contamination is likely to be localised.
24	Former rifle range	Heavy metals including lead and antimony	Controlled water – surface water	Leaching, migration	Unlikely	Mild	Very low	Several tributaries of the River Llynfi run through the site, potential for runoff and groundwater baseflow to affect watercourses.
25	Farming activities	Asbestos	Inhalation of fibres	Future site users (the public, agricultural workers, site workers e.g., maintenance workers)	Unlikely	Severe	Moderate/ low	In any unsealed areas (i.e., soft landscaping/ OHL routes) there may be potential for a contaminant linkage to occur.
26	Farming activities	Hydrocarbons (fuels and oils), PAHs, pesticides, agricultural chemicals	Dermal/ direct contact, ingestion, inhalation	Future site users (the public, agricultural workers, site workers e.g.,	Unlikely	Mild	Very Low	In UGC route most made ground is likely to be below hard surfaces. In OHL areas only

SPRL	Potential Source	Contaminants	Pathway	Receptor	Likelihood	Hazard (Severity)	Preliminary Risk Rating	Comments
				maintenance workers)				localised waste disposal is likely
27	Farming activities	Hydrocarbons (fuels and oils), PAHs, pesticides, agricultural chemicals	Controlled water – groundwater	Leaching, migration	Unlikely	Mild	Very low	No farm buildings noted on the Site and any sources are likely to be small and localised.
28	Farming activities	Hydrocarbons (fuels and oils), PAHs, pesticides, agricultural chemicals	Controlled water – surface water	Leaching, migration	Unlikely	Mild	Very low	No farm buildings noted on the Site and any sources are likely to be small and localised. affect watercourses.
29	Coal mining	Ground gas (e.g., methane, carbon dioxide, hydrogen sulphide)	Inhalation of hazardous gases	Future site users (the public, agricultural workers, site workers e.g., maintenance workers)	Unlikely	Severe (asphyxiation)	Moderate/ low	No above ground buildings are proposed for the Project which lowers the risk. However, the potential for any above or below ground structures to allow gas accumulation should be considered in the

SPRL	Potential Source	Contaminants	Pathway	Receptor	Likelihood	Hazard (Severity)	Preliminary Risk Rating	Comments
								final design and mitigated.
30	Coal mining	Ground gas (e.g., methane, carbon dioxide, hydrogen sulphide)	Accumulation of gas in enclosed spaces	Adjacent site users (residents, commercial workers)	Unlikely	Severe (asphyxiation)	Moderate/ low	No ground gas issues known to affect existing properties however there may be potential for new gas migration pathways to be created by the Project and this should be considered in the final design and mitigated.
31	Coal mining	Ground gas (e.g., methane, carbon dioxide, hydrogen sulphide)	Accumulation of gas in enclosed spaces	Future buildings and services	Unlikely	Severe (explosion)	Moderate/ low	No above ground buildings are proposed for the Project which lowers the risk. However, the potential for any above or below ground structures to allow gas accumulation should be considered in the

SPRL	Potential Source	Contaminants	Pathway	Receptor	Likelihood	Hazard (Severity)	Preliminary Risk Rating	Comments
								final design and mitigated.
	OFFSITE:							
	Contaminated groundwater associated with potentially infilled quarries offsite, surrounding commercial land uses (including Forge Estate, Heol-Ty-Gwyn Industrial Estate)	Heavy metals, other inorganics, hydrocarbons, VOCs, SVOCs	Direct contact	Future buildings and services	Low likelihood	Mild	Low	Most former industrial activity and current commercial activity occurs near the central portion of the UGC route. The cables could come into contact with contamination migrating in groundwater from the surrounding area if shallow groundwater is present.

SPRL = source – pathway – receptor linkage (contaminant linkage)

7 GEOTECHNICAL HAZARDS

7.1.1. Following a review of the available sources of information (as listed in **Section 1.6**), geotechnical constraints which may have an impact on the proposed development works have been identified. A summary of these constraints is provided below.

- Reworked ground/Made Ground: there is limited potential for Made Ground to be present on Site. Mine spoil/tipped materials have been identified outside the Site boundary and may locally encroach onto Site. In addition, localised spoil may be present adjacent to suspected/documented mine entries, although no specific areas have been identified. There is also potential for Made Ground to be present along the section of the site adjacent to the road and village related to localised development.
- Localised soft, compressible layers within the superficial deposits: Alluvium and Glacial Till are recorded in areas across the Site. The Alluvium has the potential for soft, compressible layers which may not be suitable as a founding stratum for the foundations of the overhead line poles.
- Mine entries: the Mining Remediation Authority data indicates that 22 no. historical mine entries (5 no. shafts and 17 no. adits) are present on and within close proximity to the Site (within 100m). There also remains the possibility of unrecorded mine entries. Areas of mine entries and their zone of influence should be ideally avoided for the overhead cable route sections. Where the underground cable route or overhead section supports cannot be adjusted to avoid building over these zones, consultation with the Mining Remediation Authority (MRA) will be required to agree permission and any special precautions or remedial work that may be required. A more detailed analysis of the potential risk to the proposed development from mine entries is included in the WSP Coal Mining Risk Assessment (included as **Appendix 4B of the EIA report**).
- Historical shallow mining: recorded shallow mining is only locally noted beneath a very small area of the northern half of the Site, associated with the Two-Foot-Nine seam. In addition, there is potential for unrecorded shallow workings in other subcrops, especially beneath the northern section of the Site. In these areas it is possible that shallow coal workings may be present and if present these may present a risk of surface instability, depending on depth, thickness and rock cover. A more detailed assessment of the potential risk to the proposed development from shallow workings is included in the WSP Coal Mining Risk Assessment.
- Historical deep mining: workings beneath the site in seams other than the Two-Foot-Nine are recorded to be at depths where bedrock cover is recorded to be ten times the worked seam thickness. Therefore, there is considered to be sufficient cover to these seams to mitigate risk of crown hole migration.
- Mining – Fault reactivation: Reactivation of faults by deep mining is a known feature of the South Wales coalfield. No features associated with fault reactivation have been identified from the MRA report (subsidence/fissures) therefore this is unlikely to pose a significant constraint to the proposed development.
- Faults: faults have been recorded beneath the Site. As noted above these may be reactivated by movement associated with mining subsidence and should be avoided when determining locations for the proposed infrastructure. The MRA do not identify any High Risk Development Areas associated with faulting or fissuring on Site. However, several faults are identified on published mapping.

- Soil chemistry: any peat is likely to be acidic and sulphate minerals may be present within the Coal Measures strata. This should be assessed to determine the requirements for the underground cable section.
- Historical in-ground structures: no significant historical development has been identified on site, and so residual in ground structures are not considered to represent a significant constraint to the proposed layout.
- Peat: potential for landslide/instability. It is recommended that the peat thickness at the proposed overhead line pole locations is proven by intrusive investigation and appropriate mitigation measures put in place during construction to ensure the stability of the peatland.
- Existing utilities: utilities information has not been obtained as part of this study. Any services that may be present in the area of the proposed works, may require specific impact assessments.
- Thermal resistivity: there is potential for thermal build up in soils due to issues with dissipating heat produced from the underground cables. Thermal resistivity tests should be undertaken within a ground investigation to determine the risk to the proposed development.
- UXO: potential for unexploded ordnance beneath the site. The site is classified as low risk (less than 15 bombs per 1000 acres or less) so the risk to the development due to UXO is low. UXO briefings should be undertaken by all contractors prior to intrusive works.
- Potential for shallow groundwater: The groundwater profile across the site is unknown. There is potential for shallow groundwater to be present along the cable route which could cause potential instability of any excavations.
- Instability of excavations in soft ground: excavations in soft ground may require a form of trench support.

7.2 GEOTECHNICAL RISK ASSESSMENT

7.2.1. A geotechnical risk assessment has been undertaken for the site to identify geotechnical hazards that may impact the design and construction. The aim of the assessment is to identify the risks and hazards, quantify them in relation to the proposed works and the site conditions and provide mitigation measures to help eliminate or reduce them.

7.2.2. The risk assessment has been undertaken in accordance with the following:

- Clayton C.R.I (2001), “Managing Geotechnical Risk”, Institution of Civil Engineers.

7.2.3. The risk register is a means of documenting perceived risks and their importance and recording actions taken to manage them. The key elements of a geotechnical risk register are as follows:

- Identify the geotechnical risks;
- Identify the methods of construction that may be incorporated into the Project;
- Scale the risks according to probability and impact;
- Based on the severity of each risk, decide on the type of action;
- Identify how each risk should be managed;
- Record the actions taken to manage the risk;
- Reassess the severity of each risk after action has been taken; and
- Review the risk register at regular intervals and communicate.

7.2.4. The risk register is a live document and should be reviewed on a regular basis and at the end of each stage of the Project. Probability and impact scales are provided in **Table 7-1** and **Table 7-2**.

Table 7-1 - Probability (P) that a given event will occur

Scale	Likelihood	Chance per section of work (Amend to suit local conditions and to be agreed with the Client)
1	Negligible	< 1 in 100
2	Unlikely	1 in 100 to 1 in 10
3	Possible	1 in 10 to 1 in 5
4	Probable	1 in 5 to 1 in 2
5	Almost certain	> 1 in 2

Table 7-2 - Impact (I) of a given event

Scale	Effect	Chance per section of work (Amend to suit local conditions and to be agreed with the Client)
1	Negligible	< 1%
2	Very low	1% to 4%
3	Low	4% to 8%
4	High	8% to 15%
5	Very high	> 15%

7.2.5. The risk after the application of risk control measures should be reviewed against **Table 7-3**.

Table 7-3 – Actions required related to risk

Degree of Risk	Risk Level	Action Required
1 - 4	Trivial	None
5 - 9	Tolerable	Consider more cost-effective solutions or improvements

10 - 15	Substantial	Work must not start until risk has been reduced
16 - 25	Intolerable	Work must not start until risk has been reduced. If risk cannot be reduced, project should not proceed.

7.2.6. The risks and their potential impacts may vary between the various stages of the project, such as the risk to and from buried services, where the impact can be much higher during a ground investigation than during a desk study.

8 CONCLUSIONS AND RECOMMENDATIONS

8.1.1. Based on the findings of the Site walkover and the desk-based assessment, WSP make the following conclusions and recommendations in the context of the Project.

8.2 SUMMARY OF LAND CONTAMINATION RISK ASSESSMENT

8.2.1. The Site is in an area used extensively for coal and other mineral extraction. No landfills are recorded onsite or within 250m, however, many former mineral extraction areas occur onsite. Localised mine wastes/ other wastes may have been deposited to ground (as spoil heaps or to fill voids). The UGC route also runs through a former iron works and former rifle range, and various small electrical substations are present on or close to the Site along the urban UGC route.

HUMAN HEALTH (FUTURE SITE USERS, ADJACENT SITE USERS)

8.2.2. At the former onsite iron works, the risk of future site from asbestos in soils is moderate/low based on the severity of the consequence. Moderate/low risks to future site users from asbestos associated with possible infilled quarries, former tramways and mineral railways, and former agricultural activities, are present locally across the Site in areas where hardstanding will not be present. Sources are likely to be small-scale and localised. The presence of hardstanding will act as a barrier to prevent future site users encountering underlying contaminated soils, notably at the UGC route where cables will run below roads. However, excavation of soils will be needed at the northern and southern OHL routes, and some unsealed ground along the UGC route is also possible. Excavations will be small, however, in open areas, there would be the potential for site users to coming contact with contaminated soils.

8.2.3. Due to the legacy of coal mining on the Site and in the surrounding area, mine gases could be present. No above ground buildings are proposed for the Project which lowers the risk to future Site users. However, the potential for any above or below ground structures to allow gas accumulation, or to create new gas migration pathways, should be considered in the final Project design where some mitigating measures may be required. Moderate/low risks to future site users and adjacent site users (residents and commercial workers in buildings) have been assessed.

CONTROLLED WATERS

8.2.4. Risks to controlled waters including groundwater and surface water from the identified onsite sources are generally moderate/low, based on mild impacts from the identified sources being possible given the potential for shallow groundwater to be present beneath the Site and the presence of onsite watercourses.

BUILT ENVIRONMENT (FUTURE BURIED ELECTRICAL CABLES)

8.2.5. Moderate/low risks to the future development (buried cables/ OHL poles) are assessed due to the infrastructure potentially coming into contact with contaminants in made ground comprised of mine waste, made ground or contaminated soils at the former iron works, or made ground at infilled quarries, tramways or mineral railways.

CONSTRUCTION/ GROUND WORKERS

8.2.6. As previously discussed, the conceptual model does not consider risks to construction /site maintenance workers on the basis that risks to workers will be dealt with under the Health and

Safety at Work Act (1974) and regulations made under the Act. Site-specific contamination data obtained through subsequent assessments of the Site should be included in the health and safety file for the proposed works, to enable any contractors to address as necessary in their risk assessments and method statements.

LAND CONTAMINATION CONCLUSIONS

8.2.7. No moderate or higher risks have been identified, however moderate/ low risks to future site users to the future built environment and to adjacent sites have been identified. These pose a potential constraint to the Project which will require further assessment as part of the detailed design process prior to construction. It is therefore recommended that pre-construction intrusive ground investigation is undertaken to inform this assessment.

8.2.8. The requirements for landscaping or planting as part of the Project are not currently known, however where made ground is encountered it is possible that contaminants, including metals, may be present at concentrations which are phytotoxic. This will require investigation to confirm that existing vegetation can be reinstated following construction of the Project, or to confirm the suitability of soils if new planting is proposed.

GEOTECHNICAL CONCLUSIONS

8.2.9. A review of the geotechnical hazards across the site identified several constraints that require further investigation for the safe and economic design and construction of the Project. Notably, there is limited information on the ground and groundwater conditions. BGS mapping does indicate the potential presence of soft alluvial and/or peat deposits which are unlikely to provide a competent founding stratum for any foundations. Additionally, these superficial deposits are likely to require trench support for any excavations. The varying ground conditions may also impact the choice of underground cable, based on their thermal resistivity characteristics.

8.2.10. The area of the proposed works has been subjected to historic coal mining and legacy workings that could impact the proposed development have been identified underlying the north of the site. Detailed information on the coal mining risk is included in the Coal Mining Risk Assessment (**Appendix 4B of the EIA Report**).

8.2.11. These constraints will require further assessment as part of the detailed design process prior to construction of the Project, and it is recommended that pre-construction intrusive ground investigation is undertaken to inform this assessment.

8.3 RECOMMENDATIONS

LAND CONTAMINATION

8.3.1. The potential land contamination constraints can be mitigated through targeted ground investigation. It is recommended that the ground conditions along the UGC route are confirmed through ground investigation to provide information on the soil conditions along the route, and the presence, thickness and composition of made ground.

8.3.2. The available design information for the UGC indicates that excavations of to up to 2m are required to install the cables and there is the potential for these excavations to encounter contamination in soils and/ or contaminated groundwater.

8.3.3. The investigations should target identified contamination source areas, with suitable chemical testing for the relevant contaminants, and include some boreholes of sufficient depth to enable groundwater monitoring, sampling and testing.

8.3.4. No above ground enclosed spaces are proposed as part of the Project. However, if there will be potential for ground gas to accumulate within joint boxes or cable ducts, it is recommended that gas monitoring is undertaken to determine whether there is a potential risk of gas accumulation within structures, which may pose a risk to property or to future maintenance workers or to adjacent site users (if a new gas migration pathway is created towards nearby properties). Similar consideration should also be given to radon gas in the higher risk areas on the Site to ensure that no new gas migration pathways are created that may affect existing properties.

8.3.5. Following ground investigation and depending on detailed design proposals, a detailed mine gas risk assessment may be required to confirm that no new gas migration or accumulation pathways will be created.

8.3.6. Targeted investigation at the OHL routes is also recommended where excavations for poles are needed close to identified potential contamination sources.

8.3.7. Where planting or landscaping is proposed in areas potentially affected by soil contamination, soil sampling and testing should be undertaken for relevant phytotoxic contaminants to confirm that existing vegetation can be reinstated following construction of the Project, or to confirm the suitability of soils for new planting if this is proposed.

8.3.8. An unexpected contamination protocol should be developed to be implemented with the Construction Environmental Management Plan (CEMP).

8.3.9. The information in this report, and subsequent investigation reports, should be thoroughly consulted and incorporated into the package of information for the Site for any ground works.

GEOTECHNICAL

8.3.10. It is recommended that an intrusive ground investigation with associated testing and monitoring for gas and groundwater should be undertaken along the proposed overhead line and cable route to provide insight into the ground and groundwater conditions beneath the Site. This would allow for the safe and economic design of the proposed overhead line foundations and any requirements for the underground cabling.

8.3.11. The ground investigation is likely to comprise a combination of both boreholes and trial pits. Boreholes should be used to investigate any areas where legacy coal mine workings may affect the route. Appropriate liaison with the MRA should be undertaken, including allowance for the attainment of permits for investigation work within the coal measures bedrock.

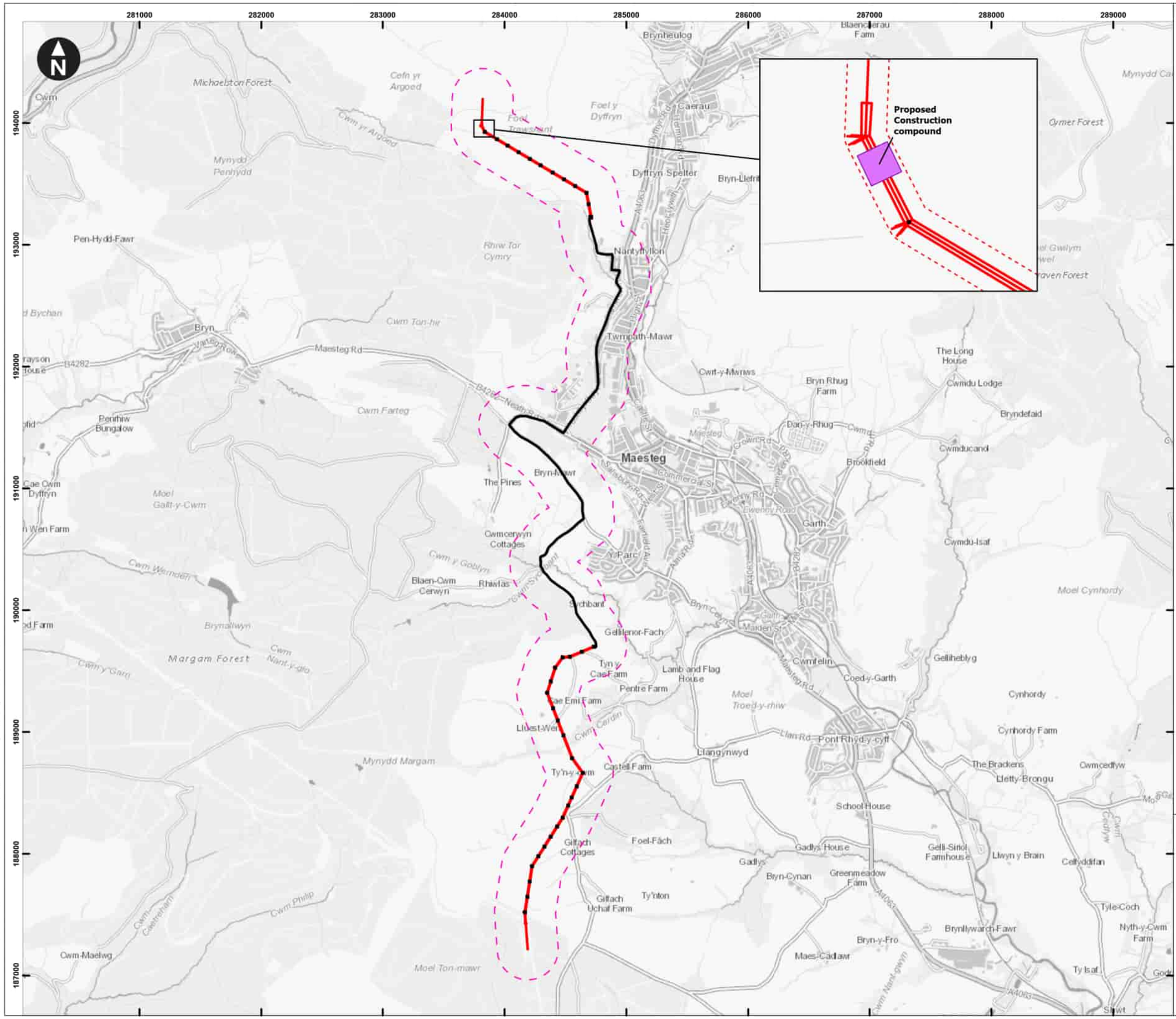
8.3.12. It is recommended that in-situ thermal resistivity testing is undertaken to allow for the appropriate design of the underground cable selection and spacing.

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Addendum A
Figures

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Llansawel / Briton Ferry
Port Talbot
Maesteg
Pontycymer
Treherbert
Treorci / Treorchy
Rhondda
Pencoed
Pen-Y-Bont Ar Ogwr / Bridgend
Bae Baglan / Baglan Bay
Bae Abertawe / Swansea Bay
Rheola Forest
Margam Forest
Cwm Nedd
Cwm Corrwg
Cwm Pelenna
Cwm Cynffig
Cwm Ogwr
Cwm Ogwr Fach
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Pennant Walters
Foel Trawsnant Grid Connection
Environmental Statement
Phase 1 Geoenvironmental Desk Study

Figure 2
Site Layout

March 2025

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194000 193000 192000 191000 190000 189000 188000 187000

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Old Trial level (1897)
Cottage hospital (1919)
Old Coal Level (1897)
Stepping Stones Quarry (1921)
Old Quarry and Quarry (1921)
Dyffryn Nadog (1875 - 1876)
Dyffryn Pit - Coal (1875-1875)
Rifle Range (1897)
Coke Ovens (1875 - 1876)
Smith (1875 - 1876)
Cwar Brynmawr (1875 - 1947)
Former Port Talbot & GARW mineral railway (1897 - 1989)
Old Trial Level (1897)
Pumping Station (1914)
Reservoir (1938)
Old Quarry (1897)
Tramway (1914)
Old Trial Level (1897)
Quarry (1897)
Tank (1897)
Old Quarry (1897)
Reservoir (1897 - ?)
Isolation Hospital (1897)
Sewage Tank (1914)
Quarry (1914) Not shown by 1947 - infilled?
Old Quarries (1897), Quarry Disused (1993)
Quarry (1897)
EI Substation (1993) - Onsite
EI Substation (2003) - Present
Factories (1984 - 1986)
Siding (1897)
EI Substation (1996) - Present
Engineering Works (1967 - 1972)
Brick School Works (1897)
Llynfi Iron Works (1875 - 1876)
Gin Pit - Coal (1875 - 1876)

Key

- Overhead line
- Underground cables
- 250m buffer (study area)

Historical Features

- Rifle Range (1897)
- Llynfi Iron Works (1875 - 1876)
- Old Quarries and pits
- Former railways and tramways
- Roads

0 0.4 0.8 1.2 1.6 km

Scale at A3: 1:30,000

World Imagery: Earthstar Geographics

Pennant Walters
Foel Trawsnant Grid Connection
Environmental Statement
Phase 1 Geoenvironmental Desk Study

Figure 3
Historical Features

March 2025

\\corp\global\GB\Projects\UK0037xxx\UK0037904.7662 - Foel Trawsnant Connection\03 WIP\GIS\02_APRX\UK0037804_FoelTrawsnant_0096.aprx Originator: UKTHS775

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Addendum B
Qualitative Environmental Risk Assessment Methodology

March 2025

RISK ASSESSMENT METHODOLOGY

The environmental risk assessment aims to assess the significance of each potential contaminant linkage. The key to the classification is that the designation of risk is based upon the consideration of both:

- **The magnitude of the potential consequence** (i.e. severity). It takes into account both the potential severity of the hazard and the sensitivity of the receptor.
- **The magnitude of probability** (i.e. likelihood). It takes into account both the presence of the hazard and receptor and the integrity of the pathway.

The definitions for the qualitative risk assessment have been taken from "Guidance for the Safe Development of Housing on Land Affected by Contamination" Annex 4 R&D Publication 66: 2008 Volume 2.

The Likelihood Probability Classifications of SPR Linkage being realised is presented in **Table B.1**.

TABLE B.1 LIKELIHOOD PROBABILITY CLASSIFICATIONS OF SPR LINKAGE BEING REALISED

Classification	Definition	Examples
Unlikely	There is pollutant linkage but circumstances are such that it is improbable that an event would occur even in the very long-term.	a) Elevated concentrations of toxic contaminants are present below hardstanding. b) Light industrial unit <10 yrs old containing a double skinned UST with annual integrity testing results available.
Low Likelihood	There is pollutant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a long period such an event would take place, and is less likely in the shorter term.	a) Elevated concentrations of toxic contaminants are present in soils at depths >1m in a residential garden, or 0.5-1.0m in public open space. b) Ground/groundwater contamination could be present on a light industrial unit constructed in the 1990s containing a UST in operation over the last 10 years – the tank is double skinned but there is no integrity testing or evidence of leakage.
Likely	There is pollutant linkage and all the elements are present and in the right place which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short-term and likely over the long-term.	a) Elevated concentrations of toxic contaminants are present in soils at depths of 0.5-1.0m in a residential garden, or the top 0.5m in public open space. b) Ground/ groundwater contamination could be present from an industrial site containing a UST present between 1970 and 1990. The tank is known to be single skin. There is no evidence of leakage although there are no records of integrity tests.
High Likelihood	There is pollutant linkage and an event would appear very likely in the short-term and almost inevitable over the long-term, or there is evidence at the receptor of harm or pollution	a) Elevated concentrations of toxic contaminants are present in soils in the top 0.5m in a residential garden. b) Ground/groundwater contamination could be present from chemical works, containing a number of USTs,

Classification	Definition	Examples
		having been in operation on the same site for over 50 years.

“Potential Consequence of Contaminant Linkage” gives an indication of the sensitivity of a given receptor to a particular source or contaminant of concern under consideration. It is based on full exposure via the particular linkage being examined. The classification of consequence is presented in **Table B.2**.

TABLE B.2 OUTLINE OF HAZARD CONSEQUENCE CLASSIFICATIONS FOR RECEPTOR TYPES FROM CONTAMINATION IMPACT:

Classification	Human Health	Controlled Water	Ecology	Property	Examples
				Structures/ Crops and animals	
Severe	Highly elevated concentrations **likely** to result in "significant harm" to human health as defined by the EPA 1990, Part 2A, if exposure occurs.	Equivalent to EA Category 1 pollution incident including persistent and/or extensive effects on water quality; leading to closure of a potable abstraction point; major impact on amenity value or major damage to agriculture or commerce.	Major damage to aquatic or other ecosystems, which **is likely** to result in a substantial adverse change in its functioning or harm to a species of special interest that endangers the long-term maintenance of the population.	Catastrophic damage to crops, buildings or property.	Significant harm to humans is defined in circular 01/2006 as death, disease*, serious injury, genetic mutation, birth defects or the impairment of reproductive functions. Major fish kill in surface water from large spillage of contaminants from site. Highly elevated concentrations of Hazardous or priority substances present in groundwater close to small potable abstraction (high sensitivity). Explosion, causing building collapse (can also equate to immediate human health risk if buildings are occupied).
Medium	Elevated concentrations which **could** result in "significant harm" to human health as defined by the EPA 1990, Part 2A if exposure occurs.	Equivalent to EA Category 2 pollution incident including significant effect on water quality; notification required to abstractors; reduction in amenity value or significant damage to agriculture or commerce.	Significant damage to aquatic or other ecosystems, which **may** result in a substantial adverse change in its functioning or harm to a species of special interest that may endanger the long-term maintenance of the population.	Significant damage to crops, buildings or property.	Significant harm to humans is defined in circular 01/2006 as death, disease*, serious injury, genetic mutation, birth defects or the impairment of reproductive functions. Damage to building rendering it unsafe to occupy e.g. foundation damage resulting in instability. Ingress of contaminants through plastic potable water pipes.

Classification	Human Health	Controlled Water	Ecology	Property	Examples
				Structures/ Crops and animals	
Mild	Exposure to human health **unlikely** to lead to "significant harm".	Equivalent to EA Category 3 pollution incident including minimal or short lived effect on water quality; marginal effect on amenity value, agriculture or commerce.	Minor or short lived damage to aquatic or other ecosystems, which **is unlikely** to result in a substantial adverse change in its functioning or harm to a species of special interest that would endanger the long-term maintenance of the population.	Minor damage to crops, buildings or property.	Exposure could lead to slight short-term effects (e.g. mild skin rash). Surface spalling of concrete.
Minor	No measurable effects on humans	Equivalent to insubstantial pollution incident with no observed effect on water quality or ecosystems.	Equivalent to insubstantial pollution incident with no observed effect on water quality or ecosystems.	Repairable effects of damage to buildings, structures and services.	The loss of plants in a landscaping scheme. Discoloration of concrete.

The risk matrix to link the likelihood and consequence is shown in Table B.3.

TABLE B.3 RISK MATRIX

Likelihood:	Unlikely	Low Likelihood	Likely	High Likelihood
Potential Consequence:				
Severe	Moderate/low risk	**Moderate Risk**	**High Risk**	**Very High Risk**
Medium	Low	Moderate/low risk	**Moderate Risk**	**High Risk**
Mild	Very low risk	Low Risk	Moderate/low risk	**Moderate Risk**
Minor	Very low risk	Very low risk	Low Risk	Low Risk

The overall risk definitions are summarised in Table B.4.

TABLE B.4 RISK DEFINITIONS

Risk	Definition
Very Low	It is a low possibility that harm could arise to a designated receptor, but it is likely at worst, that this harm if realised would normally be mild or minor.
Low	It is possible that harm could arise to a designated receptor from identified hazard, but it is likely at worst, that this harm if realised would normally be mild. It is unlikely that the site owner/or occupier would face substantial liabilities from such a risk. Further investigative work (which is likely to be limited) to clarify the risk may be required. Any subsequent remediation works are likely to be relatively limited.
Moderate	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely, that the harm would be relatively mild. Further investigative work is normally required to clarify the risk and to determine the potential liability to site owner/occupier. Some remediation works may be required in the longer term.
High	Harm is likely to arise to a designated receptor from an identified hazard at the site without remediation action. Realisation of the risk is likely to present a substantial liability to the site owner/or occupier. Investigation is

Risk	Definition
	required as a matter of urgency to clarify the risk. Remediation works may be necessary in the short-term and are likely over the longer term.
Very High	There is a high probability that severe harm could arise to a designated receptor from an identified hazard at the site without remediation action OR there is evidence that severe harm to a designated receptor is already occurring. Realisation of that risk is likely to present a substantial liability to be site owner/or occupier. Investigation is required as a matter of urgency and remediation works likely to follow in the short-term.

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Addendum C
Report Limitations

REPORT LIMITATIONS - GROUND AND WATER

GENERAL

1. WSP UK Limited has prepared this report solely for the use of the Client and those parties with whom a warranty agreement has been executed, or with whom an assignment has been agreed and outlined in the body of the report.

2. Unless explicitly agreed otherwise, in writing, this report has been prepared under WSP UK Limited standard Terms and Conditions as included within our proposal to the Client.

3. Project specific appointment documents may be agreed at our discretion and a charge may be levied for both the time to review and finalise appointments documents and also for associated changes to the appointment terms. WSP UK Limited reserves the right to amend the fee should any changes to the appointment terms create an increase risk to WSP UK Limited.

4. The report needs to be considered in the light of the WSP UK Limited proposal and associated limitations of scope. The report needs to be read in full and isolated sections cannot be used without full reference to other elements of the report and any previous works referenced within the report.

PHASE 1 GEO ENVIRONMENTAL AND PRELIMINARY RISK ASSESSMENTS

Coverage: *This section covers reports with the following titles or combination of titles: phase 1; desk top study; geo environmental assessment; development appraisal; preliminary environmental risk assessment; constraints report; due diligence report; geotechnical development review; environmental statement; environmental chapter; project scope summary report (PSSR), program environmental impact report (PEIR), geotechnical development risk register; and, baseline environmental assessment.*

5. The works undertaken to prepare this report comprised a study of available and easily documented information from a variety of sources (including the Client), together with (where appropriate) a brief walk over inspection of the Site and correspondence with relevant authorities and other interested parties. Due to the short timescales associated with these projects responses may not have been received from all parties. WSP UK Limited cannot be held responsible for any disclosures that are provided post production of our report and will not automatically update our report.

6. The opinions given in this report have been dictated by the finite data on which they are based and are relevant only for the purpose for which the report was commissioned. The information reviewed should not be considered exhaustive and has been accepted in good faith as providing true and representative data pertaining to site conditions. Should additional information become available which may affect the opinions expressed in this report, WSP UK Limited reserves the right to review such information and, if warranted, to modify the opinions accordingly.

7. It should be noted that any risks identified in this report are perceived risks based on the information reviewed. Actual risks can only be assessed following intrusive investigations of the site.

8. WSP UK Limited does not warrant work / data undertaken / provided by others.

REPORT LIMITATIONS - GROUND RISK AND REMEDIATION

INTRUSIVE INVESTIGATION REPORTS

Coverage: *The following report titles (or combination) may cover this category of work: geo environmental site investigation; geotechnical assessment; GIR (Ground Investigation reports); preliminary environmental and geotechnical risk assessment; and, geotechnical risk register.*

9. The investigation has been undertaken to provide information concerning either:

- **i.** The type and degree of contamination present at the site in order to allow a generic quantitative risk assessment to be undertaken; or
- **ii.** Information on the soil properties present at the site to allow for geotechnical development constraints to be considered.

10. The scope of the investigation was selected on the basis of the specific development and land use scenario proposed by the Client and may be inappropriate to another form of development or scheme. If the development layout was not known at the time of the investigation the report findings may need revisiting once the development layout is confirmed.

11. For contamination purposes, the objectives of the investigation are limited to establishing the risks associated with potential contamination sources with the potential to cause harm to human health, building materials, the environment (including adjacent land), or controlled waters.

12. For geotechnical investigations the purpose is to broadly consider potential development constraints associated with the physical property of the soils underlying the site within the context of the proposed future or continued use of the site, as stated within the report.

13. The amount of exploratory work, soil property testing and chemical testing undertaken has necessarily been restricted by various factors which may include accessibility, the presence of services; existing buildings; current site usage or short timescales. The exploratory holes completed assess only a small percentage of the area in relation to the overall size of the Site, and as such can only provide a general indication of conditions.

14. The number of sampling points and the methods of sampling and testing do not preclude the possible existence of contamination where concentrations may be significantly higher than those actually encountered or ground conditions that vary from those identified. In addition, there may be exceptional ground conditions elsewhere on the site which have not been disclosed by this investigation and which have therefore not been taken into account in this report.

15. The inspection, testing and monitoring records relate specifically to the investigation points and the timeframe that the works were undertaken. They will also be limited by the techniques employed. As part of this assessment, WSP UK Limited has used reasonable skill and care to extrapolate conditions between these points based upon assumptions to develop our interpretation and conclusions. The assumption made in forming our conclusions is that the ground and groundwater conditions (both chemically and physically) are the same as have been encountered during the works undertaken at the specific points of investigation. Conditions can change between investigation points and these interpretations should be considered indicative.

16. The risk assessment and opinions provided are based on currently available guidance relating to acceptable contamination concentrations; no liability can be accepted for the retrospective effects of any future changes or amendments to these values. Specific assumptions associated

with the WSP UK Limited risk assessment process have been outlined within the body or associated appendix of the report.

17. Additional investigations may be required in order to satisfy relevant planning conditions or to resolve any engineering and environmental issues.

18. Where soil contamination concentrations recorded as part of this investigation are used for commentary on potential waste classification of soils for disposal purposes, these should be classed as indicative only. Due consideration should be given to the variability of contaminant concentrations taken from targeted samples versus bulk excavated soils and the potential variability of contaminant concentrations between sampling locations. Where major waste disposal operations are considered, targeted waste classification investigations should be designed.

19. The results of the asbestos testing are factually reported and interpretation given as to how this relates to the previous use of the site, the types of ground encountered and site conceptualisation. This does not however constitute a formal asbestos assessment. These results should be treated cautiously and should not be relied upon to provide detailed and representative information on the delineation, type and extent of bulk ACMs and / or trace loose asbestos fibres within the soil matrix at the site.

20. If costs have been included in relation to additional site works, and / or site remediation works these must be considered as indicative only and must be confirmed by a qualified quantity surveyor.

EUROCODE 7: GEOTECHNICAL DESIGN

21. On 1st April 2010, BS EN 1997-1:2004 (Eurocode 7: Geotechnical Design – Part 1) became the mandatory baseline standard for geotechnical ground investigations.

22. In terms of geotechnical design for foundations, slopes, retaining walls and earthworks, EC7 sets guidance on design procedures including specific guidance on the numbers and spacings of boreholes for geotechnical design, there are limits to methods of ground investigation and the quality of data obtained and there are also prescriptive methods of assessing soil strengths and methods of design. Unless otherwise explicitly stated, the work has not been undertaken in accordance with EC7. A standard geotechnical interpretative report will not meet the requirements of the Geotechnical Design Report (GDR) under Eurocode 7. The GDR can only be prepared following confirmation of all structural loads and serviceability requirements. The report is likely to represent a Ground Investigation Report (GIR) under the Eurocode 7 guidance.

DETAILED QUANTITATIVE RISK ASSESSMENTS AND REMEDIAL STRATEGY REPORTS

23. These reports build upon previous report versions and associated notes. The scope of the investigation, further testing and monitoring and associated risk assessments were selected on the basis of the specific development and land use scenario proposed by the Client and may not be appropriate to another form of development or scheme layout. The risk assessment and opinions provided are based on currently available approaches in the generation of Site Specific Assessment Criteria relating to contamination concentrations and are not considered to represent a risk in a specific land use scenario to a specific receptor. No liability can be accepted for the retrospective effects of any future changes or amendments to these values, associated models or associated guidance.

24. The outputs of the Detailed Quantitative Risk Assessments are based upon WSP UK Limited manipulation of standard risk assessment models. These are our interpretation of the risk assessment criteria.

25. Prior to adoption on site they will need discussing and agreeing with the Regulatory Authorities prior to adoption on site. The regulatory discussion and engagement process may result in an alternative interpretation being determined and agreed. The process and timescales associated with the Regulatory Authority engagement are not within the control of WSP UK Limited. All costs and programmes presented as a result of this process should be validated by a quantity surveyor and should be presumed to be indicative.

GEOTECHNICAL DESIGN REPORT (GDR)

26. The GDR can only be prepared following confirmation of all structural loads and serviceability requirements. All the relevant information needs to be provided to allow for a GDR to be produced.

MONITORING (INCLUDING REMEDIATION MONITORING REPORTS)

27. These reports are factual in nature and comprise monitoring, normally groundwater and ground gas and data provided by contractors as part of an earthworks or remedial works.

28. The data is presented and will be compared with assessment criteria.

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Addendum D
Field Visit Photolog *(TBC)*

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Addendum E
Groundsure Insight Report

March 2025

Groundsure LOCATION INTELLIGENCE

Enviro+Geo Insight

FTN boundary

Order Details

Date: 04/03/2025

Your ref: R123054UK001

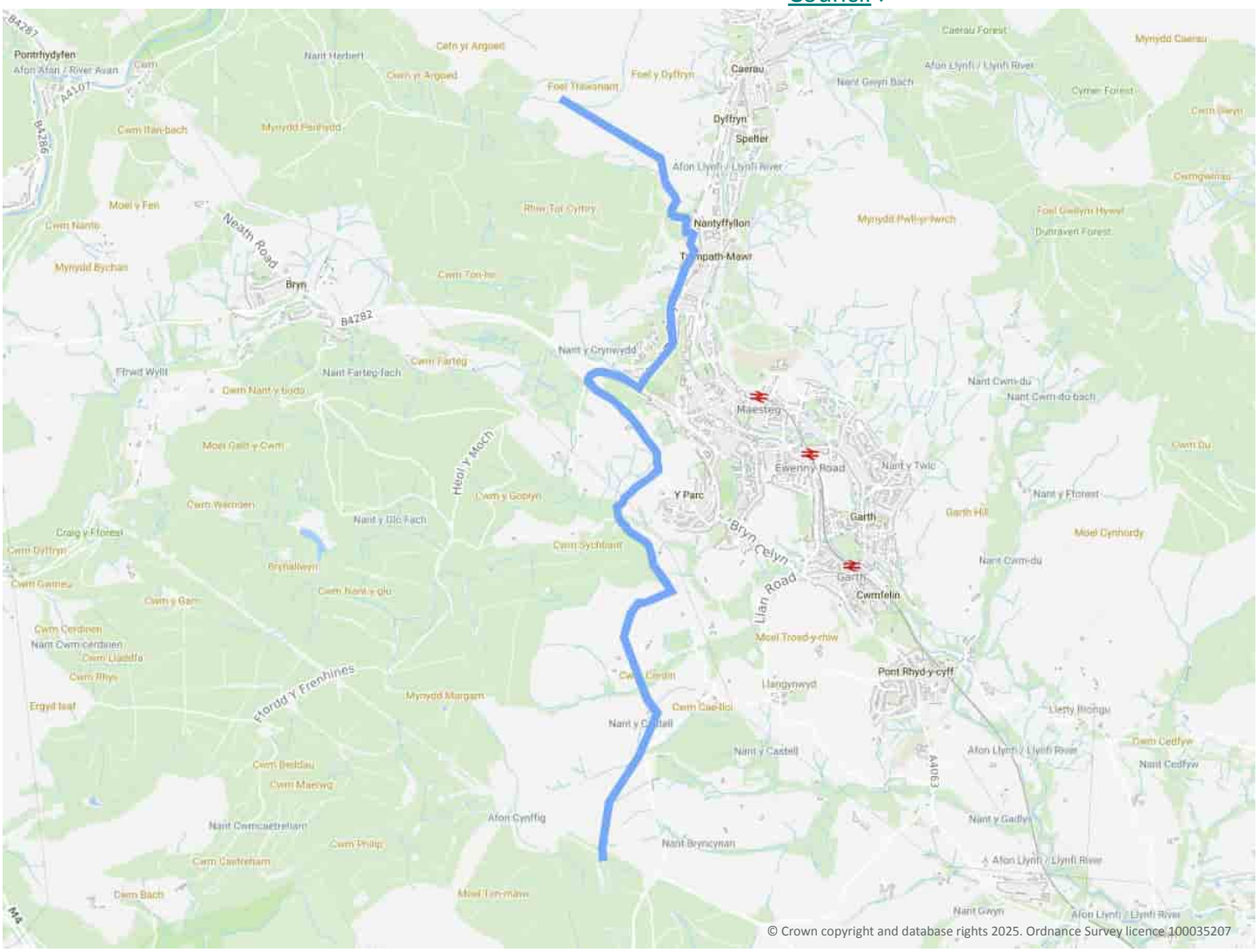
Our Ref: WSP-ZW4-Q8B-XVU-MF6

Site Details

Location: 284495 190901

Area: 23.91 ha

Authority: Castell-nedd Port Talbot - Neath Port Talbot County Borough ↗, Pen-y-bont ar Ogwr - Bridgend County Borough Council ↗



Summary of findings p. 2 >

OS MasterMap site plan N/A: >10ha

Aerial image p. 9 >

Insight User Guide ↗

Contact us with any questions at:
info@groundsure.com ↗
01273 257 755

Certified B Corporation

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
14 >	1.1 >	Historical industrial land uses >	54	82	204	279	-
37 >	1.2 >	Historical tanks >	1	2	15	7	-
38 >	1.3 >	Historical energy features >	3	7	21	17	-
40	1.4	Historical petrol stations	0	0	0	0	-
40 >	1.5 >	Historical garages >	0	0	2	1	-
41	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
42 >	2.1 >	Historical industrial land uses >	67	115	285	385	-
73 >	2.2 >	Historical tanks >	1	2	22	10	-
75 >	2.3 >	Historical energy features >	3	10	22	24	-
77	2.4	Historical petrol stations	0	0	0	0	-
77 >	2.5 >	Historical garages >	0	0	3	2	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
78	3.1	Active or recent landfill	0	0	0	0	-
78	3.2	Historical landfill (BGS records)	0	0	0	0	-
79	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
79 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	0	1	-
79 >	3.5 >	Historical waste sites >	0	0	0	1	-
80 >	3.6 >	Licensed waste sites >	0	0	16	4	-
85 >	3.7 >	Waste exemptions >	0	0	71	22	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
94 >	4.1 >	Recent industrial land uses >	1	7	48	-	-
98	4.2	Current or recent petrol stations	0	0	0	0	-
98	4.3	Electricity cables	0	0	0	0	-
98	4.4	Gas pipelines	0	0	0	0	-
98	4.5	Sites determined as Contaminated Land	0	0	0	0	-

98	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
99	4.7	Regulated explosive sites	0	0	0	0	-
99	4.8	Hazardous substance storage/usage	0	0	0	0	-
99	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
99	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
99	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
100	4.12	Radioactive Substance Authorisations	0	0	0	0	-
100 >	4.13 >	Licensed Discharges to controlled waters >	0	0	10	14	-
103	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
103	4.15	Pollutant release to public sewer	0	0	0	0	-
103 >	4.16 >	List 1 Dangerous Substances >	0	0	2	0	-
104 >	4.17 >	List 2 Dangerous Substances >	0	0	1	0	-
104 >	4.18 >	Pollution Incidents (EA/NRW) >	0	3	18	21	-
109	4.19	Pollution inventory substances	0	0	0	0	-
109	4.20	Pollution inventory waste transfers	0	0	0	0	-
110	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
111 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
113 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
115 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
119	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
119	5.5	Groundwater vulnerability- local information	None (within 0m)				
121 >	5.6 >	Groundwater abstractions >	0	0	4	0	0
123 >	5.7 >	Surface water abstractions >	0	0	0	4	1
124 >	5.8 >	Potable abstractions >	0	0	2	0	0
125	5.9	Source Protection Zones	0	0	0	0	-
125	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
126 >	6.1 >	Water Network (OS MasterMap) >	32	38	136	-	-

142 >	6.2 >	Surface water features >	1	20	87	-	-
143 >	6.3 >	WFD Surface water body catchments >	3	-	-	-	-
143 >	6.4 >	WFD Surface water bodies >	0	0	2	-	-
144 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
145 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
146	7.2	Historical Flood Events	0	0	0	-	-
146	7.3	Flood Defences	0	0	0	-	-
146	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
146	7.5	Flood Storage Areas	0	0	0	-	-
147 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
148 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
149 >	8.1 >	Surface water flooding >	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
151 >	9.1 >	Groundwater flooding >	Low (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
152	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
153	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
153	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
153	10.4	Special Protection Areas (SPA)	0	0	0	0	0
153	10.5	National Nature Reserves (NNR)	0	0	0	0	0
154 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	1
154 >	10.7 >	Designated Ancient Woodland >	5	3	9	9	101
159	10.8	Biosphere Reserves	0	0	0	0	0
159 >	10.9 >	Forest Parks >	1	0	0	0	1
159	10.10	Marine Conservation Zones	0	0	0	0	0
160	10.11	Green Belt	0	0	0	0	0
160	10.12	Proposed Ramsar sites	0	0	0	0	0

160	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
160	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
160	10.15	Nitrate Sensitive Areas	0	0	0	0	0
161	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
162	10.17	SSSI Impact Risk Zones	0	-	-	-	-
162	10.18	SSSI Units	0	0	0	0	0
Page	Section	**Visual and cultural designations** >	On site	0-50m	50-250m	250-500m	500-2000m
163	11.1	World Heritage Sites	0	0	0	-	-
164	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
164	11.3	National Parks	0	0	0	-	-
164 >	**11.4** >	**Listed Buildings** >	0	0	5	-	-
165	11.5	Conservation Areas	0	0	0	-	-
165 >	**11.6** >	**Scheduled Ancient Monuments** >	0	0	3	-	-
166	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	**Agricultural designations** >	On site	0-50m	50-250m	250-500m	500-2000m
167 >	**12.1** >	**Agricultural Land Classification** >	Grade 5 (within 250m)				
169 >	**12.2** >	**Open Access Land** >	3	1	1	-	-
170	12.3	Tree Felling Licences	0	0	0	-	-
170	12.4	Environmental Stewardship Schemes	0	0	0	-	-
170	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
171	13.1	Priority Habitat Inventory	0	0	0	-	-
171	13.2	Habitat Networks	0	0	0	-	-
171	13.3	Open Mosaic Habitat	0	0	0	-	-
171	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	**Geology 1:10,000 scale** >	On site	0-50m	50-250m	250-500m	500-2000m
172 >	**14.1** >	**10k Availability** >	Identified (within 500m)				
173	14.2	Artificial and made ground (10k)	0	0	0	0	-
174	14.3	Superficial geology (10k)	0	0	0	0	-

174	14.4	Landslip (10k)	0	0	0	0	-
175	14.5	Bedrock geology (10k)	0	0	0	0	-
175	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	**Geology 1:50,000 scale >**	On site	0-50m	50-250m	250-500m	500-2000m
176 >	15.1 >	50k Availability >	Identified (within 500m)				
177	15.2	Artificial and made ground (50k)	0	0	0	0	-
177	15.3	Artificial ground permeability (50k)	0	0	-	-	-
178 >	15.4 >	Superficial geology (50k) >	3	1	1	2	-
179 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
179	15.6	Landslip (50k)	0	0	0	0	-
180	15.7	Landslip permeability (50k)	None (within 50m)				
181 >	15.8 >	Bedrock geology (50k) >	19	2	3	9	-
183 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
184 >	15.10 >	Bedrock faults and other linear features (50k) >	17	6	11	17	-
Page	Section	**Boreholes >**	On site	0-50m	50-250m	250-500m	500-2000m
187 >	16.1 >	BGS Boreholes >	8	17	8	-	-
Page	Section	**Natural ground subsidence >**					
190 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
192 >	17.2 >	Running sands >	Low (within 50m)				
194 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
196 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
198 >	17.5 >	Landslides >	Moderate (within 50m)				
200 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	**Mining and ground workings >**	On site	0-50m	50-250m	250-500m	500-2000m
202 >	18.1 >	BritPits >	1	8	29	16	-
213 >	18.2 >	Surface ground workings >	63	110	260	-	-
229 >	18.3 >	Underground workings >	11	18	66	63	162
241	18.4	Underground mining extents	0	0	0	0	-
241	18.5	Historical Mineral Planning Areas	0	0	0	0	-

241 >	18.6 >	Non-coal mining >	1	1	1	0	0
242	18.7	JPB mining areas	None (within 0m)				
242 >	18.8 >	The Coal Authority non-coal mining >	2	0	2	0	-
242	18.9	Researched mining	0	0	0	0	-
243	18.10	Mining record office plans	0	0	0	0	-
243	18.11	BGS mine plans	0	0	0	0	-
243 >	18.12 >	Coal mining >	Identified (within 0m)				
243	18.13	Brine areas	None (within 0m)				
244	18.14	Gypsum areas	None (within 0m)				
244	18.15	Tin mining	None (within 0m)				
244	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes >	On site	0-50m	50-250m	250-500m	500-2000m
245	19.1	Natural cavities	0	0	0	0	-
246	19.2	Mining cavities	0	0	0	0	0
246 >	19.3 >	Reported recent incidents >	0	0	1	0	-
246	19.4	Historical incidents	0	0	0	0	-
Page	Section	Radon >					
247 >	20.1 >	Radon >	Between 5% and 10% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
249 >	21.1 >	BGS Estimated Background Soil Chemistry >	69	54	-	-	-
256	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
256	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
257	22.1	Underground railways (London)	0	0	0	-	-
257	22.2	Underground railways (Non-London)	0	0	0	-	-
258	22.3	Railway tunnels	0	0	0	-	-
258 >	22.4 >	Historical railway and tunnel features >	3	5	48	-	-
260	22.5	Royal Mail tunnels	0	0	0	-	-
260 >	22.6 >	Historical railways >	1	0	1	-	-

261	22.7	Railways	0	0	0	-	-
261	22.8	Crossrail 2	0	0	0	0	-
261	22.9	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 08/04/2023

Site Area: 23.91ha

Recent site history - 2019 aerial photograph



Capture Date: 19/09/2019

Site Area: 23.91ha

Recent site history - 2014 aerial photograph



Capture Date: 23/07/2014

Site Area: 23.91ha

Recent site history - 2009 aerial photograph



Capture Date: 12/10/2009

Site Area: 23.91ha

Recent site history - 2000 aerial photograph

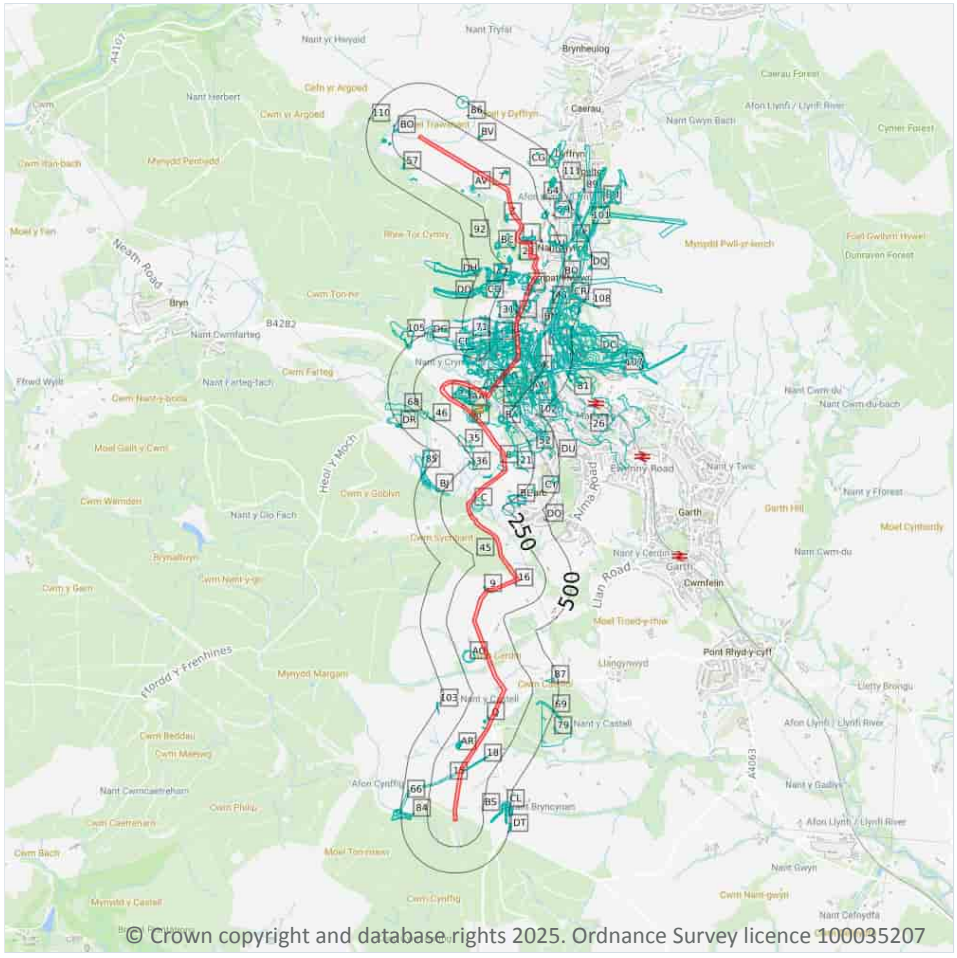


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Capture Date: 18/06/2000

Site Area: 23.91ha

1 Past land use



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Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

1.1 Historical industrial land uses

Records within 500m	619

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
1	**On site**	**Old Coal Level**	**1897**	**329392**

ID	Location	Land use	Dates present	Group ID
2	On site	Unspecified Quarry	1884	331222
3	On site	Old Coal Levels	1897	332645
4	On site	Disused Iron Works	1897	334276
5	On site	Unspecified Heap	1876	339789
6	On site	Unspecified Heap	1876	339790
7	On site	Trial Shaft	1876	341618
8	On site	Old Trial Level	1897	344681
9	On site	Unspecified Ground Workings	1921	346093
10	On site	Unspecified Ground Workings	1876	346096
11	On site	Rifle Ranges	1897	347615
12	On site	Pumping Station	1914 - 1921	351395
13	On site	Unspecified Quarry	1897	357345
14	On site	Unspecified Ground Workings	1964	363403
15	On site	Tramway Sidings	1938	384720
A	On site	Unspecified Quarry	1876	331217
A	On site	Old Coal Levels	1897	332644
A	On site	Unspecified Heaps	1921	368165
A	On site	Unspecified Ground Workings	1921 - 1947	376349
A	On site	Unspecified Heap	1921 - 1947	386579
B	On site	Old Coal Levels	1897	332643
B	On site	Unspecified Heap	1947	340694
B	On site	Unspecified Heaps	1921	376542
B	On site	Unspecified Heaps	1921	378043
C	On site	Unspecified Old Level	1947	334576
D	On site	Unspecified Heap	1876	340237
D	On site	Unspecified Ground Workings	1964	358849
E	On site	Unspecified Heap	1989	340695
E	On site	Old Coal Levels	1921	358176

ID	Location	Land use	Dates present	Group ID
E	**On site**	**Old Coal Levels**	**1897**	**362710**
E	**On site**	**Old Coal Levels**	**1921**	**376662**
E	**On site**	**Old Coal Levels**	**1947**	**377842**
E	**On site**	**Unspecified Disused Levels**	**1964 - 1988**	**391180**
F	**On site**	**Unspecified Ground Workings**	**1914**	**345768**
G	**On site**	**Rifle Ranges**	**1897**	**347614**
H	**On site**	**Unspecified Ground Workings**	**1947**	**350113**
H	**On site**	**Unspecified Ground Workings**	**1947**	**350114**
H	**On site**	**Unspecified Ground Workings**	**1914**	**350115**
H	**On site**	**Unspecified Ground Workings**	**1988**	**351939**
H	**On site**	**Unspecified Old Quarry**	**1921**	**357874**
H	**On site**	**Unspecified Old Quarry**	**1897**	**373884**
H	**On site**	**Unspecified Ground Workings**	**1989**	**380002**
I	**On site**	**Unspecified Heap**	**1914**	**352045**
I	**On site**	**Unspecified Heap**	**1947**	**361903**
I	**On site**	**Unspecified Quarry**	**1921**	**364409**
I	**On site**	**Unspecified Quarry**	**1947 - 1989**	**366123**
I	**On site**	**Unspecified Old Quarry**	**1897 - 1914**	**375729**
I	**On site**	**Unspecified Heap**	**1947**	**380051**
I	**On site**	**Unspecified Heap**	**1914**	**389742**
J	**On site**	**Unspecified Quarries**	**1921**	**356550**
J	**On site**	**Unspecified Quarries**	**1921 - 1947**	**390882**
K	**On site**	**Unspecified Quarry**	**1876**	**360310**
L	**On site**	**Hospital**	**1964 - 1989**	**383682**
L	**On site**	**Hospital**	**1921**	**384256**
F	1m N	Unspecified Pit	1884	343105
M	1m N	Unspecified Ground Workings	1947	363701
N	1m N	Unspecified Heap	1964 - 1989	372305

ID	Location	Land use	Dates present	Group ID
N	1m N	Unspecified Pits	1921	367177
C	2m S	Old Trial Level	1921	351880
M	2m N	Unspecified Ground Workings	1964	360068
N	3m N	Unspecified Heaps	1876	338487
N	4m N	Unspecified Ground Workings	1921	367141
P	4m N	Old Coal Levels	1921	380414
Q	4m S	Unspecified Heap	1876	340151
P	5m N	Old Coal Levels	1947	353956
M	6m N	Unspecified Ground Workings	1988 - 1989	379562
P	6m N	Old Coal Levels	1921	367432
R	7m N	Trial Level	1884	335992
16	7m S	Unspecified Quarry	1914 - 1921	390253
J	8m N	Unspecified Old Quarries	1897	347415
17	11m S	Unspecified Pit	1876	343433
S	11m NW	Unspecified Heap	1876	340385
G	12m N	Unspecified Ground Workings	1964 - 1989	351930
18	12m S	Tramway Sidings	1921	381626
P	12m N	Unspecified Heap	1989	339632
P	12m N	Unspecified Disused Levels	1964 - 1988	387635
J	12m N	Unspecified Ground Workings	1964 - 1989	353794
19	13m N	Tramway Sidings	1914 - 1921	359099
G	13m N	Unspecified Ground Workings	1876	351590
M	13m N	Cuttings	1914 - 1921	372832
P	14m N	Old Coal Levels	1897	376631
I	16m N	Unspecified Heap	1964 - 1989	355052
T	16m E	Unspecified Pit	1876	343411
N	16m N	Unspecified Ground Workings	1897	364555
N	18m N	Unspecified Heap	1876	339792

ID	Location	Land use	Dates present	Group ID
N	19m N	Unspecified Pit	1876	343108
O	20m N	Unspecified Ground Workings	1876	359508
U	20m N	Unspecified Quarry	1921	388691
V	21m N	Unspecified Ground Workings	1947	362382
V	21m N	Unspecified Ground Workings	1914	371768
W	21m N	Unspecified Heap	1876	340702
V	23m NW	Unspecified Ground Workings	1921	388814
V	23m N	Unspecified Ground Workings	1964 - 1989	376152
L	24m N	Hospital	1947	363961
L	24m N	Hospital	1914	365870
M	24m N	Old Coal Level	1897	374336
Q	24m S	Unspecified Pit	1876	368841
M	24m N	Unspecified Heap	1876	339654
B	25m N	Old Coal Shaft	1897	342504
V	25m N	Unspecified Ground Workings	1897	363003
X	25m N	Old Coal Level	1921	380333
G	26m N	Unspecified Heap	1914	350534
G	26m N	Unspecified Heap	1947	367270
Q	26m S	Unspecified Pit	1897	363383
R	27m N	Unspecified Heap	1884	340421
G	28m N	Unspecified Pit	1876	343584
V	28m NW	Unspecified Ground Workings	1964 - 1989	367127
G	28m N	Unspecified Heap	1921	353947
X	29m N	Old Coal Level	1947	350668
Q	30m S	Unspecified Pit	1988 - 1990	364156
20	30m S	Unspecified Ground Workings	1884	346092
N	30m N	Unspecified Pit	1964 - 1989	351728
Y	30m N	Unspecified Ground Workings	1921	376546

ID	Location	Land use	Dates present	Group ID
X	32m N	Old Coal Level	1921	372829
Z	33m N	Unspecified Quarry	1921 - 1947	363040
W	33m N	Unspecified Ground Workings	1897	387845
AA	33m NW	Unspecified Ground Workings	1964	381350
Z	34m N	Unspecified Levels	1964 - 1989	384030
AB	34m N	Old Coal Levels	1897	385353
Z	34m N	Unspecified Quarry	1921	387457
W	34m N	Unspecified Disused Pit	1897 - 1914	366012
M	35m N	Old Coal Level	1921	350957
X	36m N	Unspecified Heap	1964 - 1989	376613
S	36m NW	Unspecified Pit	1876	343957
W	36m N	Unspecified Pit	1947	342636
W	36m N	Unspecified Disused Pit	1921	375536
AA	37m NW	Unspecified Pit	1988 - 1989	382272
K	38m N	Unspecified Ground Workings	1914	346223
P	38m N	Unspecified Quarry	1921 - 1947	361003
P	39m N	Unspecified Quarry	1921	373725
U	43m N	Unspecified Quarry	1964	365607
AC	46m N	Unspecified Quarry	1897 - 1914	362989
M	47m N	Old Coal Level	1914	369268
AD	48m N	Isolation Hospital	1914 - 1921	391403
C	49m S	Old Trial Level	1897 - 1914	359475
AE	49m N	Unspecified Quarry	1921	366178
P	51m N	Old Coal Levels	1921	363737
P	52m N	Unspecified Ground Workings	1989	346798
P	52m N	Unspecified Disused Levels	1964 - 1988	358537
AE	52m N	Unspecified Quarry	1964 - 1989	388750
AF	52m N	Unspecified Quarry	1921	358377

ID	Location	Land use	Dates present	Group ID
T	54m E	Unspecified Pit	1876	343412
AE	54m N	Unspecified Quarry	1947	376880
AG	55m N	Coal Yards	1964	352063
AG	55m N	Coal Yards	1988 - 1989	384171
K	56m N	Unspecified Tank	1897	338977
N	56m N	Unspecified Ground Workings	1989	356557
N	56m N	Unspecified Ground Workings	1988	372689
N	56m N	Unspecified Ground Workings	1964	375133
H	56m N	Unspecified Ground Workings	1964	371034
B	57m N	Trial Level	1876	336013
AE	57m N	Unspecified Quarry	1897	365060
AH	58m N	Unspecified Quarry	1876	331216
AD	59m N	Unspecified Ground Workings	1964	350857
D	59m N	Unspecified Ground Workings	1876	372186
AI	59m N	Cuttings	1921	359773
AI	60m N	Cuttings	1921 - 1947	351445
21	68m E	Unspecified Heap	1876	340137
AJ	68m N	Unspecified Pit	1964 - 1989	360964
P	69m N	Unspecified Disused Levels	1964 - 1989	387051
T	70m E	Unspecified Heap	1876	340139
AJ	70m N	Old Coal Level	1921	376608
H	70m N	Unspecified Ground Workings	1964	352823
AF	70m N	Unspecified Quarry	1921 - 1947	375853
Y	71m N	Unspecified Ground Workings	1964 - 1989	378684
AJ	73m N	Old Coal Level	1947	363730
Z	76m N	Trial Level	1876	335994
22	77m N	Railway Sidings	1897	372171
AK	81m N	Mineral Railway Sidings	1988 - 1989	361942

ID	Location	Land use	Dates present	Group ID
AK	81m N	Mineral Railway Sidings	1964	364010
P	82m N	Cuttings	1921	389113
AH	82m N	Unspecified Heap	1876	339697
P	84m N	Unspecified Heap	1876	340701
W	84m N	Unspecified Heap	1876	339658
AD	84m N	Unspecified Heap	1964 - 1989	380067
23	85m N	Unspecified Ground Workings	1988 - 1989	365307
AM	86m N	Unspecified Disused Pit	1897	370877
P	87m N	Cuttings	1921 - 1947	374972
N	87m N	Refuse Heap	1897	335121
D	88m N	Air Shafts	1876	329638
AN	88m N	Railway Sidings	1914 - 1921	356031
AN	88m N	Tramway Sidings	1921	388033
K	88m N	Unspecified Old Levels	1921	388950
AK	88m N	Railway Sidings	1947	354737
K	88m N	Unspecified Disused Levels	1964	349947
K	88m N	Unspecified Pits	1988 - 1989	366595
K	89m N	Unspecified Old Levels	1947	362365
K	89m N	Unspecified Old Levels	1914	381042
K	90m N	Unspecified Old Levels	1897	379587
24	92m N	Unspecified Heap	1964 - 1989	364919
AO	96m S	Old Trial Level	1897 - 1914	369106
W	96m N	Unspecified Heap	1876	339657
25	98m N	Refuse Heap	1897	335451
M	99m N	Unspecified Old Level	1947	334591
K	102m N	Unspecified Old Levels	1914	371051
K	102m N	Unspecified Old Levels	1947	374989
W	102m N	Unspecified Disused Pit	1947	370505

ID	Location	Land use	Dates present	Group ID
AP	103m N	Unspecified Heap	1964	366521
W	103m N	Refuse Heap	1914 - 1921	377206
AO	103m S	Old Trial Level	1921	354606
AQ	104m N	Old Trial Levels	1947	375670
AQ	104m N	Old Trial Levels	1921	382470
AQ	105m N	Old Trial Levels	1921	353808
26	106m E	Railway Sidings	1876	388284
AP	106m N	Unspecified Heap	1988 - 1989	375346
AR	107m S	Unspecified Pit	1876	355841
27	107m N	Unspecified Heap	1964 - 1989	390405
AQ	110m N	Disused Trial Levels	1964 - 1989	380638
W	111m N	Unspecified Heap	1876	339656
AS	112m E	Iron Works	1876	336114
AR	115m S	Unspecified Old Quarry	1897	362245
AR	116m S	Unspecified Pit	1947	390239
AR	116m S	Unspecified Old Quarry	1914 - 1921	362671
AR	116m S	Unspecified Old Quarry	1947	385908
AR	117m S	Unspecified Old Quarry	1938	365400
28	117m N	Unspecified Heap	1876	340693
AR	118m S	Unspecified Ground Workings	1988 - 1990	359781
AQ	118m N	Old Trial Levels	1897	355535
AR	120m S	Unspecified Ground Workings	1947	352354
AV	121m N	Old Coal Level	1921 - 1947	371775
AV	122m N	Old Coal Level	1897	379266
AW	124m N	Coal Pit	1876	338229
AX	126m N	Unspecified Heap	1921	362332
AX	126m N	Unspecified Ground Workings	1947	390246
AM	128m N	Unspecified Disused Pit	1914 - 1921	363699

ID	Location	Land use	Dates present	Group ID
AM	128m N	Unspecified Pit	1947	390238
AZ	128m N	Unspecified Heaps	1921	363887
AM	130m N	Unspecified Pit	1964 - 1989	355920
BA	130m N	Unspecified Old Quarry	1914 - 1921	362616
BA	130m N	Unspecified Ground Workings	1947	366477
29	131m SE	Unspecified Ground Workings	1876	346097
AB	132m N	Unspecified Ground Workings	1947	387795
W	132m N	Unspecified Heap	1876	340692
H	133m N	Air Shafts	1876	329637
BA	133m N	Unspecified Ground Workings	1964 - 1989	378476
AB	133m N	Unspecified Heap	1921	362652
BA	134m NE	Unspecified Heap	1876	339655
BA	134m N	Unspecified Old Quarry	1897	386271
H	135m N	Unspecified Heaps	1921	338547
H	138m N	Unspecified Ground Workings	1914	354132
AB	140m N	Unspecified Pits	1921	354360
AB	140m N	Unspecified Ground Workings	1964 - 1989	350371
BB	142m NE	Railway Sidings	1897	369191
AB	144m N	Unspecified Heap	1921	380407
BA	144m NE	Unspecified Pit	1876	343585
BC	144m N	Unspecified Old Quarry	1921	384425
AB	144m N	Unspecified Pit	1921	367173
30	146m N	Coal Level	1876	347846
BC	146m N	Unspecified Old Quarry	1921 - 1947	361449
BD	147m N	Unspecified Pit	1947	356714
BD	147m N	Unspecified Pit	1914	371688
BA	147m NE	Smithy	1876	344944
U	148m N	Unspecified Heaps	1964 - 1989	369181

ID	Location	Land use	Dates present	Group ID
AV	151m N	Unspecified Disused Levels	1964 - 1989	382074
31	151m N	Unspecified Heap	1876	339788
AW	151m N	Unspecified Ground Workings	1914	346224
BE	152m N	Unspecified Disused Level	1964 - 1989	366097
AV	153m N	Unspecified Pit	1884	344003
BF	154m N	Refuse Heaps	1921	350479
AX	154m N	Unspecified Heap	1876	373718
H	154m N	Unspecified Heap	1914	340236
AW	154m N	Old Coal Level	1921	329391
BF	155m N	Refuse Heap	1947	335363
BF	156m N	Old Coal Level	1897	329406
U	156m N	Unspecified Old Quarries	1897 - 1914	387657
BC	160m N	Unspecified Old Quarries	1897	347417
32	160m N	Trial Level	1884	335993
AX	161m N	Unspecified Heap	1988 - 1989	381530
AB	161m N	Unspecified Pit	1964 - 1989	352720
BF	162m N	Railway Sidings	1897	369879
BC	162m N	Unspecified Quarry	1964 - 1989	362168
33	163m N	Unspecified Ground Workings	1964	352786
34	164m N	Coal Level	1876	347742
BE	164m N	Unspecified Heap	1921	356990
BE	166m N	Unspecified Pit	1947	344292
BE	166m N	Unspecified Heap	1921	368295
BA	167m NE	Trial Levels	1897	341835
BG	168m N	Old Air Shaft	1897	335821
BE	169m N	Old Coal Levels	1897	332646
35	170m NW	Unspecified Ground Workings	1876	346098
36	170m SW	Unspecified Quarry	1876	330238

ID	Location	Land use	Dates present	Group ID
37	171m N	Unspecified Ground Workings	1975	346511
38	172m N	Unspecified Pit	1914	343583
BH	172m N	Railway Sidings	1876	334330
39	173m NW	Unspecified Heap	1876	340138
BA	173m NE	Coal Pit	1876	338254
BA	173m NE	Unspecified Ground Workings	1947	346225
BA	173m NE	Old Trial Levels	1914 - 1921	380447
AC	174m N	Unspecified Ground Workings	1964	387506
U	175m N	Unspecified Heap	1876	339791
AC	176m N	Unspecified Ground Workings	1988 - 1989	383035
Y	176m NE	Unspecified Tank	1897	338801
BI	178m N	Unspecified Ground Workings	1964	383008
40	181m N	Old Air Shaft	1897	335820
41	183m NE	Unspecified Quarry	1914 - 1921	364134
BJ	184m SW	Railway Sidings	1914	388313
BI	185m N	Unspecified Old Quarry	1914	359331
BH	189m N	Unspecified Heaps	1876	338486
BK	190m N	Railway Sidings	1921	385866
BF	193m N	Unspecified Heap	1965	340420
42	194m N	Unspecified Heaps	1964	338548
43	195m N	Unspecified Old Quarries	1897	347464
BL	195m SE	Hospital	1989	336466
BL	195m SE	Isolation Hospital	1964 - 1988	372047
BM	197m N	Unspecified Quarry	1921	390572
BL	199m SE	Isolation Hospital	1914	353565
BL	199m SE	Isolation Hospital	1947	366441
BM	200m N	Unspecified Quarry	1897 - 1921	385471
BM	200m N	Unspecified Quarries	1947	349405

ID	Location	Land use	Dates present	Group ID
U	201m N	Unspecified Ground Workings	1876	345769
BN	202m N	Coal Level	1876	347844
BL	203m SE	Isolation Hospital	1921	366526
BG	204m N	Unspecified Pit	1876	344291
44	205m N	Unspecified Level	1964 - 1989	374399
BM	205m N	Cuttings	1965	333122
BM	205m N	Unspecified Disused Quarry	1975	334069
BO	207m N	Old Trial Level	1897	366490
45	208m S	Trial Level	1876	335970
BO	209m N	Unspecified Old Level	1947	334637
46	209m NW	Unspecified Ground Workings	1884	345442
BG	210m N	Unspecified Pit	1876	344290
BO	210m N	Old Trial Level	1914 - 1921	391316
BP	210m N	Unspecified Old Quarries	1921	387050
47	213m S	Trial Level	1876	335971
BR	219m N	Unspecified Heap	1876	339691
48	223m N	Unspecified Ground Workings	1965 - 1975	378400
49	223m NE	Unspecified Ground Workings	1965	345689
50	224m NW	Unspecified Ground Workings	1884	346470
BN	228m N	Refuse Heap	1897	335063
BK	230m N	Railway Building	1897	348170
AW	234m NE	Old Coal Level	1914	329347
BS	234m S	Sulphurous Well	1947	365817
BS	234m S	Sulphurous Well	1897 - 1921	382420
52	234m E	Brick Works	1876	341587
53	237m NE	Railway Sidings	1897	380385
BM	238m N	Unspecified Old Quarry	1921	355874
BM	242m N	Unspecified Old Quarry	1947	368886

ID	Location	Land use	Dates present	Group ID
BT	242m N	Unspecified Quarry	1876	331223
54	244m NE	Brick Works	1897	341576
AW	246m NE	Mineral Railway Sidings	1964 - 1988	362309
BT	252m N	Old Coal Level	1947	350410
AW	252m NE	Omnibus Depot	1988 - 1989	358772
AW	252m NE	Omnibus Depot	1964	388407
BT	253m N	Old Coal Level	1921	377191
BO	254m N	Unspecified Disused Level	1964 - 1989	390815
BT	254m N	Unspecified Ground Workings	1964 - 1989	376328
BU	255m NE	Railway Sidings	1965	385857
BT	257m N	Old Coal Levels	1897	332647
55	259m N	Unspecified Pit	1876	343107
BV	260m N	Unspecified Pit	1884	344287
BW	260m NE	Unspecified Ground Workings	1897	379786
BX	263m NE	Refuse Heap	1897	335065
AZ	264m N	Old Coal Levels	1947	382728
BY	265m N	Old Coal Levels	1921	372517
56	265m N	Disused Trial Shaft	1964 - 1989	358602
BZ	266m N	Unspecified Ground Workings	1921	365255
AZ	266m N	Old Coal Levels	1921	373953
BZ	266m N	Unspecified Pit	1947	343026
BY	267m N	Unspecified Heap	1964 - 1989	367960
BY	269m N	Old Coal Levels	1921	352523
CA	270m N	Old Trial Level	1914 - 1921	359728
AZ	270m N	Old Coal Level	1921	329428
BY	271m N	Old Coal Levels	1947	374954
CA	271m N	Unspecified Old Levels	1947	336105
CA	272m N	Old Trial Level	1897	387238

ID	Location	Land use	Dates present	Group ID
AZ	273m N	Unspecified Heap	1964 - 1989	388536
57	274m N	Unspecified Pit	1884	344002
58	275m NE	Railway Sidings	1975	387883
CB	276m N	Unspecified Ground Workings	1914 - 1947	364847
59	276m N	Unspecified Pit	1876	343106
BY	277m N	Old Coal Levels	1897	359360
CC	278m NE	Coke Ovens	1876	333533
60	279m NE	Cuttings	1914 - 1921	370036
AZ	279m N	Unspecified Heaps	1964 - 1989	367851
BV	279m N	Unspecified Pit	1884	344288
BJ	282m SW	Railway Sidings	1897	359927
BK	282m N	Railway Station	1965	355327
CC	284m NE	Unspecified Heap	1914 - 1921	360742
BY	286m N	Old Coal Levels	1921	389557
61	288m NE	Coal Level	1876	347797
BK	288m N	Railway Station	1897	359678
BK	291m N	Railway Station	1921 - 1947	391251
BP	291m N	Unspecified Heap	1876	339793
CE	292m NE	Unspecified Pit	1921	384253
CE	292m NE	Unspecified Pit	1965 - 1975	360919
CE	293m NE	Unspecified Pit	1921	378553
BP	294m N	Unspecified Ground Workings	1947	383424
CE	294m NE	Unspecified Pit	1947	355779
62	295m NE	Unspecified Pit	1947	343024
CF	295m N	Unspecified Old Level	1914 - 1947	354653
BH	295m N	Coal Level	1876	347750
63	298m SE	Unspecified Pit	1964 - 1989	359158
AS	300m NE	Unspecified Tank	1876	338976

ID	Location	Land use	Dates present	Group ID
CE	301m NE	Railway Building	1897	348205
CG	303m N	Trial Levels	1876	341839
64	303m N	Unspecified Disused Tip	1975	332223
BW	304m NE	Unspecified Heap	1965	339631
CE	305m NE	Police Station	1876	347521
BP	305m N	Unspecified Pit	1989	385091
BP	305m N	Unspecified Pit	1964	390666
AZ	306m N	Old Coal Levels	1947	370235
CF	307m N	Unspecified Disused Level	1964 - 1989	360570
AZ	308m N	Unspecified Heap	1964 - 1989	371549
CI	310m N	Old Coal Level	1897 - 1914	363493
CI	310m N	Old Coal Level	1921	375960
CG	311m N	Trial Levels	1876	341838
CB	311m N	Unspecified Pit	1914 - 1989	357501
CI	311m N	Unspecified Pit	1947	390247
CI	312m N	Unspecified Pit	1964 - 1989	364143
65	312m NE	Unspecified Heap	1965 - 1975	385882
BX	314m NE	Unspecified Heap	1975	339630
66	314m S	Tramway Sidings	1914 - 1921	362654
67	314m NE	Railway Building	1897	348269
AW	315m NE	Unspecified Heap	1947	355661
AW	315m NE	Unspecified Heap	1914	370775
CF	315m N	Unspecified Old Level	1897	372094
68	316m NW	Unspecified Ground Workings	1884	346472
AW	316m NE	Railway Building	1921	348521
69	317m S	Unspecified Ground Workings	1947	346101
AZ	318m N	Unspecified Heaps	1964 - 1989	376009
70	319m N	Unspecified Ground Workings	1876	355250

ID	Location	Land use	Dates present	Group ID
71	320m N	Unspecified Ground Workings	1884	368488
CJ	320m SE	Sewage Tank	1947	370616
CJ	320m SE	Sewage Tank	1914	376719
CK	321m NE	Railway Sidings	1947	388119
CL	321m S	Unspecified Ground Workings	1947	363087
CL	321m S	Unspecified Ground Workings	1914	381572
CM	322m N	Old Coal Levels	1897	351829
CN	324m NE	Railway Sidings	1975	364803
72	325m S	Unspecified Pit	1947	343427
CB	325m N	Unspecified Pit	1914 - 1947	377984
73	326m NE	Railway Sidings	1876	361639
AS	326m NE	Railway Sidings	1914	359590
AS	326m NE	Railway Sidings	1947	380318
AS	326m NE	Railway Sidings	1897	389169
BX	327m NE	Unspecified Ground Workings	1914	362875
BX	327m NE	Unspecified Ground Workings	1947	366924
CJ	331m SE	Sewage Tank	1921	373452
74	335m N	Coal Level	1876	347749
AS	335m NE	Railway Building	1897	348158
CK	335m NE	Cuttings	1965	332932
75	336m NE	Tramway Sidings	1947	371325
AS	338m NE	Railway Station	1897	379150
CO	341m N	Unspecified Heap	1947	365919
CP	342m NE	Railway Sidings	1897	385533
CO	343m N	Unspecified Heap	1921	378013
76	344m N	Railway Sidings	1921	371343
77	344m N	Unspecified Ground Workings	1965 - 1975	365377
CN	347m NE	Unspecified Ground Workings	1965	371906

ID	Location	Land use	Dates present	Group ID
CN	348m NE	Unspecified Old Quarries	1921 - 1947	371433
CN	348m NE	Unspecified Old Quarries	1897	371079
CB	348m N	Unspecified Old Quarries	1897 - 1914	369933
78	349m N	Unspecified Pit	1884	344004
CB	349m N	Unspecified Quarry	1947	330081
CN	349m NE	Unspecified Old Quarries	1921	370305
CO	349m N	Unspecified Heap	1964 - 1989	361246
CN	349m NE	Unspecified Disused Quarry	1975	333807
CQ	351m N	Unspecified Heap	1965	339780
CQ	351m N	Refuse Heap	1921 - 1947	360905
AS	352m NE	Railway Station	1947	368447
AS	352m NE	Railway Station	1914	382122
AS	352m NE	Railway Sidings	1921	363517
AS	352m NE	Railway Station	1921	370869
CG	353m N	Trial Levels	1876	341840
AS	354m NE	Railway Building	1897 - 1914	373798
CB	354m N	Unspecified Ground Workings	1964 - 1989	350425
CR	355m NE	Unspecified Heap	1921	378575
CR	357m NE	Unspecified Heap	1965	370677
CR	358m NE	Old Coal Levels	1897	357052
CR	358m NE	Old Coal Levels	1921 - 1947	360651
CR	359m NE	Unspecified Heaps	1975	338616
79	362m S	Unspecified Heap	1948	339348
80	364m NE	Railway Sidings	1947	350011
CS	366m N	Disused Air Shaft	1964 - 1989	364123
81	366m NE	Unspecified Quarry	1876	330041
82	368m NE	Unspecified Ground Workings	1897	346672
83	370m NE	Unspecified Old Quarries	1897	374668

ID	Location	Land use	Dates present	Group ID
CT	371m N	Old Coal Level	1921	329351
CM	372m N	Unspecified Pits	1964 - 1989	352397
CS	372m N	Old Air Shaft	1921	380231
CU	373m SW	Unspecified Ground Workings	1897	345424
CV	373m NE	Unspecified Ground Workings	1947	363864
CV	373m NE	Unspecified Ground Workings	1914	390988
CT	373m N	Unspecified Pit	1921	351401
CS	373m N	Old Air Shaft	1921 - 1947	362236
CT	373m N	Unspecified Pit	1947	377617
CS	373m N	Unspecified Disused Levels	1964 - 1989	375457
CW	376m NE	Unspecified Disused Tip	1975	332176
CW	377m NE	Refuse Heap	1947	355399
CW	377m NE	Refuse Heap	1921	365007
CS	378m N	Unspecified Pit	1921	379183
84	378m S	Unspecified Pit	1885	343431
CR	378m NE	Unspecified Heap	1965	340575
CR	379m NE	Old Coal Levels	1921	380655
CX	379m N	Unspecified Heaps	1876	338573
CQ	380m N	Unspecified Pit	1921	375285
85	380m SW	Railway Sidings	1947	372870
CS	381m N	Unspecified Pit	1921	360141
CZ	381m NE	Unspecified Ground Workings	1914	361397
DA	381m N	Unspecified Pit	1921	357033
CQ	382m N	Unspecified Pit	1897	374641
DA	384m N	Disused Trial Shaft	1964 - 1989	371976
CU	385m SW	Unspecified Heap	1914 - 1921	364645
CU	385m SW	Unspecified Heap	1875	376235
CU	386m SW	Cuttings	1897	388576

ID	Location	Land use	Dates present	Group ID
DA	386m N	Unspecified Pit	1914	357521
DA	386m N	Unspecified Pit	1947	379744
CU	387m SW	Cuttings	1875	366715
CU	387m SW	Cuttings	1914 - 1921	371723
86	387m N	Unspecified Level	1964 - 1989	369251
DB	387m N	Unspecified Quarry	1921	382726
DB	387m N	Unspecified Quarry	1947	390083
DC	387m NE	Colliery	1921	377414
87	389m S	Unspecified Ground Workings	1948	346102
DB	390m N	Unspecified Disused Quarry	1975	333806
DB	390m N	Unspecified Quarry	1921	372096
88	390m NE	Unspecified Ground Workings	1947	352053
DB	391m N	Unspecified Quarry	1965	358667
DB	392m N	Unspecified Quarry	1897	359422
CQ	392m N	Unspecified Ground Workings	1947	345708
89	393m N	Railway Sidings	1965	356495
90	394m NE	Unspecified Old Quarries	1921	368272
CU	399m SW	Cuttings	1947	357716
DB	399m N	Refuse Heap	1921	335362
CP	401m NE	Unspecified Ground Workings	1914	352735
DD	401m N	Old Coal Level	1921	368288
DE	402m S	Unspecified Quarry	1897	352287
DE	403m S	Unspecified Ground Workings	1988 - 1990	384198
DD	403m N	Unspecified Pit	1947	343050
91	405m N	Colliery	1921	353791
DE	407m S	Unspecified Quarry	1947	373574
DE	408m S	Unspecified Quarry	1914 - 1921	352813
CX	411m N	Refuse Heap	1921 - 1947	372358

ID	Location	Land use	Dates present	Group ID
92	412m N	Unspecified Pit	1876	344005
DE	413m S	Unspecified Disused Quarry	1947	333868
DF	414m NE	Unspecified Heap	1965 - 1975	384031
DG	416m NW	Rifle Range	1875	352431
DH	416m N	Unspecified Old Quarry	1921	386709
93	417m NW	Unspecified Ground Workings	1884	346471
DI	417m E	Unspecified Quarry	1914 - 1921	369575
DI	419m E	Unspecified Quarry	1897	357096
DJ	420m N	Unspecified Quarry	1897	365193
DJ	421m N	Unspecified Quarry	1947	371089
DH	421m N	Unspecified Old Quarry	1947	351945
DK	422m N	Disused Colliery	1921	355942
DH	426m N	Unspecified Old Quarry	1897	354497
94	427m NE	Railway Sidings	1921	363563
95	429m N	Unspecified Heap	1876	339787
96	429m SE	Unspecified Ground Workings	1876	346094
DD	431m N	Old Coal Level	1921	364601
CL	433m S	Unspecified Heaps	1947	338534
BU	435m NE	Unspecified Heap	1876	339689
DB	435m N	Unspecified Quarry	1897	385613
BU	437m NE	Unspecified Old Quarries	1921	378367
DL	438m N	Unspecified Quarries	1921 - 1947	359828
BU	439m NE	Unspecified Pit	1921 - 1947	368950
97	440m N	Unspecified Factory	1975	335897
98	440m NE	Railway Sidings	1921 - 1947	363503
99	440m NE	Railway Sidings	1947	386375
DG	441m NW	Rifle Range	1914	369402
DL	441m N	Unspecified Quarries	1897 - 1921	360646

ID	Location	Land use	Dates present	Group ID
DL	442m N	Unspecified Disused Quarries	1975	342110
DL	442m N	Unspecified Ground Workings	1965	346512
CW	442m N	Unspecified Heap	1897	339682
100	444m S	Railway Building	1921	348481
101	444m N	Refuse Heap	1921	352861
DM	448m N	Unspecified Heap	1884	339785
CL	448m S	Unspecified Ground Workings	1947	372559
CR	449m NE	Unspecified Heap	1965	340574
CR	449m NE	Unspecified Disused Level	1975	334728
CR	450m NE	Old Coal Levels	1897	368779
CP	452m NE	Unspecified Pit	1947	343118
DC	452m NE	Colliery	1914	350095
DC	452m NE	Refuse Heap	1975	376147
103	453m S	Cuttings	1884	332996
DF	453m NE	Unspecified Ground Workings	1947	358202
DF	453m NE	Unspecified Ground Workings	1914	377185
CL	455m S	Unspecified Pit	1947	343428
DF	458m NE	Unspecified Heaps	1965	338478
104	459m N	Unspecified Pit	1884	343048
DF	459m NE	Unspecified Heap	1975	339779
DF	464m NE	Unspecified Heap	1975	339778
105	465m NW	Refuse Heap	1947	364651
DN	466m NE	Unspecified Ground Workings	1914	357575
DN	466m NE	Unspecified Ground Workings	1947	362487
CP	468m NE	Unspecified Ground Workings	1947	386736
CZ	468m NE	Unspecified Ground Workings	1947	386553
DM	469m N	Unspecified Pit	1884	343104
DP	469m NW	Gravel Pit	1921	356650

ID	Location	Land use	Dates present	Group ID
DP	469m NW	Gravel Pit	1914	364646
CL	470m S	Unspecified Pits	1947	345289
DQ	471m NE	Unspecified Heap	1965 - 1975	373143
DK	472m N	Disused Colliery	1921	380116
DQ	472m NE	Unspecified Heap	1921	382923
DP	472m NW	Gravel Pit	1875	361712
106	473m NE	Unspecified Heap	1876	339799
DN	473m NE	Unspecified Ground Workings	1921	355110
107	474m NE	Mineral Railway Sidings	1965 - 1975	373817
DQ	474m NE	Unspecified Heap	1921	389347
DQ	475m NE	Old Coal Level	1897	375560
DQ	475m NE	Old Coal Level	1947	391381
DC	475m NE	Unspecified Ground Workings	1947	354572
DR	476m W	Unspecified Pit	1897	385913
DC	477m NE	Unspecified Ground Workings	1914	384397
108	477m NE	Cuttings	1876	332916
DM	481m N	Unspecified Heap	1884	339784
109	481m W	Tramway Sidings	1921	335619
DR	482m W	Unspecified Pit	1947	364052
DR	482m W	Unspecified Pit	1875	367853
DR	482m W	Unspecified Pit	1914 - 1921	381286
DH	482m N	Unspecified Quarry	1964	354440
DS	483m N	Refuse Heap	1947	387298
DS	487m N	Refuse Heap	1921	381941
110	492m N	Unspecified Quarry	1884	331219
CW	494m NE	Unspecified Tank	1921	362240
DC	494m NE	Refuse Heap	1965	377437
DP	496m NW	Unspecified Ground Workings	1964 - 1989	355717

ID	Location	Land use	Dates present	Group ID
DT	496m S	Unspecified Ground Workings	1914 - 1921	352148
DT	496m S	Unspecified Ground Workings	1947	355855

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	**25**

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
I	**On site**	**Unspecified Tank**	**1962**	**42081**
I	22m N	Unspecified Tank	1987	42617
I	24m N	Unspecified Tank	1993	43810
K	60m N	Unspecified Tank	1899	39503
M	93m N	Unspecified Tank	1991 - 1995	41485
M	94m N	Unspecified Tank	1971	43284
M	94m N	Unspecified Tank	1984	42795
AT	116m NE	Unspecified Tank	1991 - 1995	45269
AT	116m NE	Unspecified Tank	1971 - 1984	44751
W	167m N	Unspecified Tank	1972 - 1986	45870
Y	175m NE	Unspecified Tank	1878 - 1899	44008
BB	176m NE	Unspecified Tank	1984	39497
AW	219m NE	Unspecified Tank	1878 - 1899	42678
AW	225m NE	Unspecified Tank	1919 - 1939	44373
51	228m NW	Unspecified Tank	1996	39724
BH	241m N	Unspecified Tank	1986	39727

ID	Location	Land use	Dates present	Group ID
AW	243m NE	Unspecified Tank	1878	39512
BT	245m N	Unspecified Tank	1986	39728
BR	258m NE	Unspecified Tank	1878	39511
AW	286m NE	Unspecified Tank	1991 - 1995	43984
AW	286m NE	Unspecified Tank	1971 - 1984	44003
AW	286m NE	Unspecified Tank	1989	42116
AW	287m NE	Unspecified Tank	1970	43729
AW	287m NE	Unspecified Tank	1993	42186
CJ	328m SE	Sewage Tank	1918 - 1940	42883

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	**48**

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
J	**On site**	**Electricity Transformer**	**1972**	**21146**
J	**On site**	**Electricity Substation**	**1985**	**21701**
J	**On site**	**Electricity Substation**	**1993**	**22325**
O	1m N	Electricity Substation	1991 - 1995	22369
O	1m N	Electricity Substation	1984	24865
O	2m N	Electricity Transformer	1971	21154
E	14m N	Electricity Transformer	1972	21147
E	14m N	Electricity Substation	1967	24611
E	14m N	Electricity Substation	1986	24900

ID	Location	Land use	Dates present	Group ID
A	45m N	Electricity Substation	1967 - 1986	23627
W	73m N	Electricity Transformer	1972	21148
AU	117m N	Electricity Substation	1995	22850
AU	117m N	Electricity Substation	1972	25221
AY	127m N	Electricity Transformer	1989	22263
AY	128m N	Electricity Transformer	1970	23930
AY	129m N	Electricity Substation	1993	20421
H	152m N	Electricity Substation	1991 - 1995	22494
AK	162m NE	Electricity Substation	1984	22411
AK	162m NE	Electricity Substation	1991	25481
AK	163m NE	Electricity Transformer	1971	21152
AK	167m NE	Electricity Substation	1995	20409
AG	175m NE	Electricity Substation	1995	22849
AG	175m NE	Electricity Substation	1991	23248
AG	175m NE	Electricity Substation	1984	25189
AG	175m NE	Electricity Transformer	1971	21153
BQ	211m N	Electricity Substation	1995	22764
BQ	220m N	Electricity Substation	1950	22222
BQ	220m N	Electricity Substation	1972	22973
BR	224m N	Electricity Transformer	1972	21145
BR	242m NE	Electricity Substation	1993	25179
BR	242m NE	Electricity Substation	1984	21758
AW	273m NE	Electricity Substation	1971 - 1984	24161
AW	273m NE	Electricity Substation	1991	24370
CD	280m NE	Electricity Substation	1972 - 1984	22911
CD	280m NE	Electricity Substation	1995 - 1997	23114
CH	308m N	Electricity Substation	1995	22034
CH	308m N	Electricity Transformer	1976	21141

ID	Location	Land use	Dates present	Group ID
CH	308m N	Electricity Substation	1985	25131
BX	336m NE	Electricity Substation	1995 - 1997	23115
AS	363m NE	Electricity Transformer	1970	21151
AS	367m NE	Electricity Substation	1989 - 1993	22097
CY	380m SE	Electricity Substation	1993	20351
CY	381m SE	Electricity Transformer	1975	21142
DO	469m SE	Electricity Substation	1988 - 1993	24695
DO	469m SE	Electricity Transformer	1971	21140
DU	498m E	Electricity Transformer	1967	21143
DU	498m E	Electricity Substation	1995	20403
111	498m N	Electricity Substation	1995	20406

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	3

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
AL	81m N	Garage	1993	8386
AL	81m N	Garage	1972 - 1985	7960
102	450m NE	Garage	1950 - 1962	8731

This data is sourced from Ordnance Survey / Groundsure.

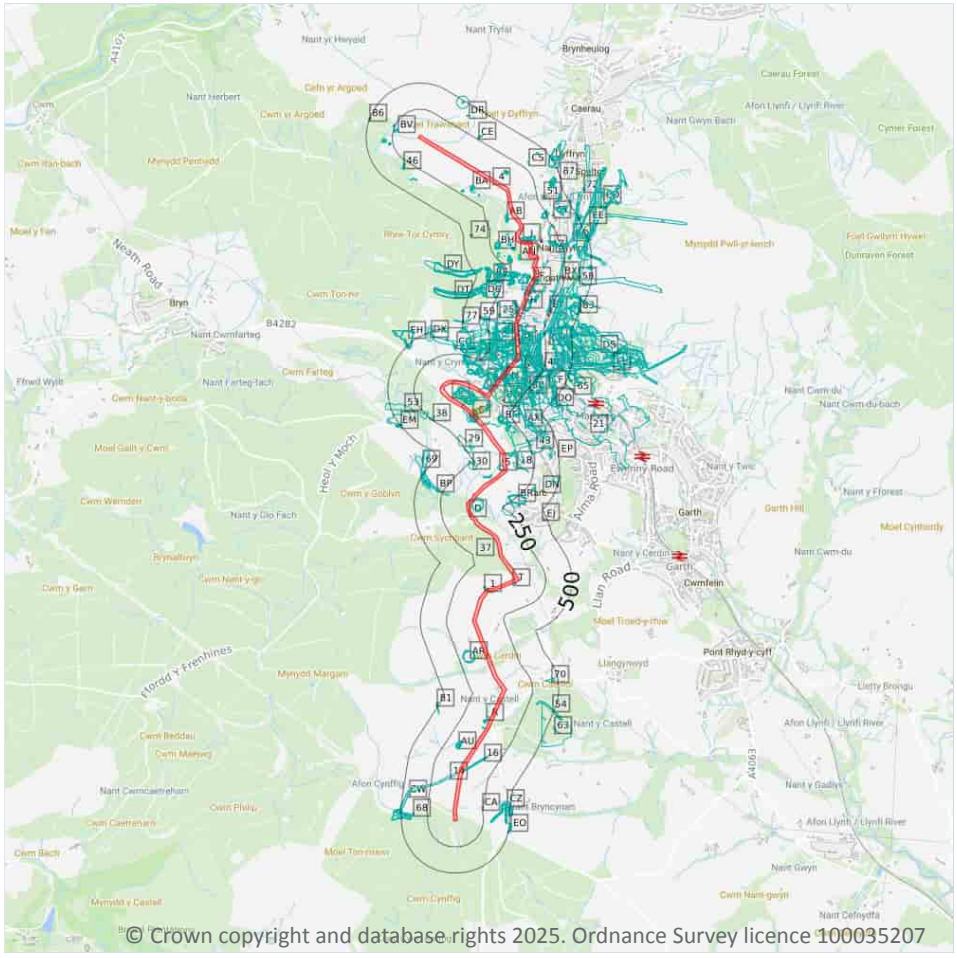
1.6 Historical military land

Records within 500m	**0**

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.

2 Past land use - un-grouped



Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

2.1 Historical industrial land uses

Records within 500m	852

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 42 >**

ID	Location	Land Use	Date	Group ID
1	**On site**	**Unspecified Ground Workings**	**1921**	**346093**
2	**On site**	**Unspecified Heap**	**1876**	**339789**
3	**On site**	**Unspecified Heap**	**1876**	**339790**

ID	Location	Land Use	Date	Group ID
4	On site	Trial Shaft	1876	341618
5	On site	Unspecified Ground Workings	1876	346096
6	On site	Old Coal Levels	1897	332645
7	On site	Unspecified Quarry	1884	331222
8	On site	Unspecified Quarry	1897	357345
9	On site	Unspecified Ground Workings	1964	363403
10	On site	Old Coal Level	1897	329392
11	On site	Old Trial Level	1897	344681
12	On site	Rifle Ranges	1897	347615
13	On site	Disused Iron Works	1897	334276
14	On site	Tramway Sidings	1938	384720
A	On site	Unspecified Ground Workings	1914	350115
A	On site	Unspecified Ground Workings	1947	350113
A	On site	Unspecified Old Quarry	1921	357874
A	On site	Unspecified Old Quarry	1897	373884
A	On site	Unspecified Ground Workings	1989	380002
A	On site	Unspecified Ground Workings	1988	351939
B	On site	Unspecified Ground Workings	1914	345768
C	On site	Unspecified Heap	1914	389742
C	On site	Unspecified Heap	1914	352045
C	On site	Unspecified Heap	1947	361903
C	On site	Unspecified Heap	1947	380051
C	On site	Unspecified Old Quarry	1914	375729
C	On site	Unspecified Quarry	1921	364409
C	On site	Unspecified Quarry	1989	366123
C	On site	Unspecified Quarry	1988	366123
C	On site	Unspecified Quarry	1964	366123
C	On site	Unspecified Old Quarry	1897	375729

ID	Location	Land Use	Date	Group ID
C	On site	Unspecified Quarry	1947	366123
D	On site	Pumping Station	1914	351395
D	On site	Pumping Station	1921	351395
E	On site	Hospital	1921	384256
E	On site	Hospital	1989	383682
E	On site	Hospital	1988	383682
E	On site	Hospital	1964	383682
F	On site	Unspecified Heaps	1921	376542
F	On site	Unspecified Heap	1947	340694
F	On site	Old Coal Levels	1897	332643
F	On site	Unspecified Heaps	1921	378043
F	On site	Unspecified Heaps	1921	378043
G	On site	Unspecified Heap	1921	386579
G	On site	Unspecified Ground Workings	1921	376349
G	On site	Unspecified Ground Workings	1947	376349
G	On site	Unspecified Heap	1947	386579
G	On site	Old Coal Levels	1897	332644
G	On site	Unspecified Quarry	1876	331217
G	On site	Unspecified Heaps	1921	368165
G	On site	Unspecified Heaps	1921	368165
H	On site	Old Coal Levels	1921	376662
H	On site	Old Coal Levels	1947	377842
H	On site	Old Coal Levels	1897	362710
H	On site	Unspecified Heap	1989	340695
H	On site	Unspecified Disused Levels	1988	391180
H	On site	Unspecified Disused Levels	1964	391180
H	On site	Old Coal Levels	1921	358176
H	On site	Old Coal Levels	1921	358176

ID	Location	Land Use	Date	Group ID
I	**On site**	**Unspecified Heap**	**1876**	**340237**
I	**On site**	**Unspecified Ground Workings**	**1964**	**358849**
J	**On site**	**Unspecified Quarries**	**1921**	**390882**
J	**On site**	**Unspecified Quarries**	**1947**	**390882**
J	**On site**	**Unspecified Quarries**	**1921**	**356550**
K	**On site**	**Unspecified Quarry**	**1876**	**360310**
L	**On site**	**Unspecified Old Level**	**1947**	**334576**
M	**On site**	**Rifle Ranges**	**1897**	**347614**
B	1m N	Unspecified Pit	1884	343105
N	1m N	Unspecified Ground Workings	1947	363701
O	1m N	Unspecified Heap	1989	372305
O	1m N	Unspecified Heap	1988	372305
O	1m N	Unspecified Heap	1964	372305
O	1m N	Unspecified Pits	1921	367177
O	1m N	Unspecified Pits	1921	367177
L	2m S	Old Trial Level	1921	351880
N	2m N	Unspecified Ground Workings	1964	360068
O	3m N	Unspecified Heaps	1876	338487
O	4m N	Unspecified Ground Workings	1921	367141
O	4m N	Unspecified Ground Workings	1947	350114
Q	4m N	Old Coal Levels	1921	380414
R	4m S	Unspecified Heap	1876	340151
Q	5m N	Old Coal Levels	1947	353956
N	6m N	Unspecified Ground Workings	1989	379562
N	6m N	Unspecified Ground Workings	1988	379562
Q	6m N	Old Coal Levels	1921	367432
Q	6m N	Old Coal Levels	1921	367432
S	7m N	Trial Level	1884	335992

ID	Location	Land Use	Date	Group ID
T	7m S	Unspecified Quarry	1914	390253
T	7m S	Unspecified Quarry	1921	390253
J	8m N	Unspecified Old Quarries	1897	347415
15	11m S	Unspecified Pit	1876	343433
U	11m NW	Unspecified Heap	1876	340385
M	12m N	Unspecified Ground Workings	1989	351930
M	12m N	Unspecified Ground Workings	1988	351930
M	12m N	Unspecified Ground Workings	1964	351930
16	12m S	Tramway Sidings	1921	381626
Q	12m N	Unspecified Heap	1989	339632
Q	12m N	Unspecified Disused Levels	1988	387635
Q	12m N	Unspecified Disused Levels	1964	387635
J	12m N	Unspecified Ground Workings	1989	353794
J	12m N	Unspecified Ground Workings	1988	353794
J	12m N	Unspecified Ground Workings	1964	353794
V	13m N	Tramway Sidings	1914	359099
M	13m N	Unspecified Ground Workings	1876	351590
N	13m N	Cuttings	1921	372832
Q	14m N	Old Coal Levels	1897	376631
N	15m N	Cuttings	1914	372832
C	16m N	Unspecified Heap	1989	355052
C	16m N	Unspecified Heap	1988	355052
C	16m N	Unspecified Heap	1964	355052
W	16m E	Unspecified Pit	1876	343411
O	16m N	Unspecified Ground Workings	1897	364555
O	18m N	Unspecified Heap	1876	339792
O	19m N	Unspecified Pit	1876	343108
P	20m N	Unspecified Ground Workings	1876	359508

ID	Location	Land Use	Date	Group ID
V	20m N	Tramway Sidings	1921	359099
X	20m N	Unspecified Quarry	1921	388691
Y	21m N	Unspecified Ground Workings	1914	371768
Y	21m N	Unspecified Ground Workings	1947	362382
B	21m N	Unspecified Heap	1876	340702
Y	23m NW	Unspecified Ground Workings	1921	388814
Y	23m N	Unspecified Ground Workings	1989	376152
Y	23m N	Unspecified Ground Workings	1988	376152
Y	23m N	Unspecified Ground Workings	1964	376152
E	24m N	Hospital	1914	365870
E	24m N	Hospital	1947	363961
N	24m N	Old Coal Level	1897	374336
R	24m S	Unspecified Pit	1876	368841
N	24m N	Unspecified Heap	1876	339654
F	25m N	Old Coal Shaft	1897	342504
Y	25m N	Unspecified Ground Workings	1897	363003
Z	25m N	Old Coal Level	1921	380333
M	26m N	Unspecified Heap	1914	350534
M	26m N	Unspecified Heap	1947	367270
R	26m S	Unspecified Pit	1897	363383
S	27m N	Unspecified Heap	1884	340421
M	28m N	Unspecified Pit	1876	343584
Y	28m NW	Unspecified Ground Workings	1989	367127
Y	28m NW	Unspecified Ground Workings	1988	367127
Y	28m NW	Unspecified Ground Workings	1964	367127
M	28m N	Unspecified Heap	1921	353947
Z	29m N	Old Coal Level	1947	350668
R	30m S	Unspecified Pit	1990	364156

ID	Location	Land Use	Date	Group ID
R	30m S	Unspecified Pit	1988	364156
17	30m S	Unspecified Ground Workings	1884	346092
O	30m N	Unspecified Pit	1989	351728
O	30m N	Unspecified Pit	1988	351728
O	30m N	Unspecified Pit	1964	351728
AA	30m N	Unspecified Ground Workings	1921	376546
Z	32m N	Old Coal Level	1921	372829
Z	32m N	Old Coal Level	1921	372829
AB	33m N	Unspecified Quarry	1947	363040
B	33m N	Unspecified Ground Workings	1897	387845
AC	33m NW	Unspecified Ground Workings	1964	381350
AB	34m N	Unspecified Quarry	1921	363040
AB	34m N	Unspecified Levels	1989	384030
AB	34m N	Unspecified Levels	1988	384030
AB	34m N	Unspecified Levels	1964	384030
AD	34m N	Old Coal Levels	1897	385353
AB	34m N	Unspecified Quarry	1921	387457
B	34m N	Unspecified Disused Pit	1914	366012
N	35m N	Old Coal Level	1921	350957
Z	36m N	Unspecified Heap	1989	376613
Z	36m N	Unspecified Heap	1988	376613
Z	36m N	Unspecified Heap	1964	376613
B	36m N	Unspecified Pit	1947	342636
U	36m NW	Unspecified Pit	1876	343957
B	36m N	Unspecified Disused Pit	1921	375536
AC	37m NW	Unspecified Pit	1989	382272
AC	37m NW	Unspecified Pit	1988	382272
K	38m N	Unspecified Ground Workings	1914	346223

ID	Location	Land Use	Date	Group ID
Q	38m N	Unspecified Quarry	1921	361003
Q	38m N	Unspecified Quarry	1947	361003
Q	39m N	Unspecified Quarry	1921	373725
B	41m N	Unspecified Disused Pit	1897	366012
X	43m N	Unspecified Quarry	1964	365607
X	46m N	Unspecified Quarry	1914	362989
N	47m N	Old Coal Level	1914	369268
AE	48m N	Isolation Hospital	1921	391403
L	49m S	Old Trial Level	1897	359475
AF	49m N	Unspecified Quarry	1921	366178
L	50m S	Old Trial Level	1914	359475
Q	51m N	Old Coal Levels	1921	363737
Q	51m N	Old Coal Levels	1921	363737
Q	52m N	Unspecified Ground Workings	1989	346798
Q	52m N	Unspecified Disused Levels	1988	358537
Q	52m N	Unspecified Disused Levels	1964	358537
Q	52m N	Old Coal Levels	1921	363737
AF	52m N	Unspecified Quarry	1989	388750
AF	52m N	Unspecified Quarry	1988	388750
AF	52m N	Unspecified Quarry	1964	388750
AG	52m N	Unspecified Quarry	1921	358377
AF	53m N	Unspecified Quarry	1921	366178
W	54m E	Unspecified Pit	1876	343412
AF	54m N	Unspecified Quarry	1947	376880
AE	54m N	Isolation Hospital	1914	391403
AH	55m N	Coal Yards	1989	384171
AH	55m N	Coal Yards	1988	384171
AH	55m N	Coal Yards	1964	352063

ID	Location	Land Use	Date	Group ID
K	56m N	Unspecified Tank	1897	338977
O	56m N	Unspecified Ground Workings	1989	356557
O	56m N	Unspecified Ground Workings	1988	372689
O	56m N	Unspecified Ground Workings	1964	375133
A	56m N	Unspecified Ground Workings	1964	371034
F	57m N	Trial Level	1876	336013
AF	57m N	Unspecified Quarry	1897	365060
AI	58m N	Unspecified Quarry	1876	331216
AE	59m N	Unspecified Ground Workings	1964	350857
I	59m N	Unspecified Ground Workings	1876	372186
AJ	59m N	Cuttings	1921	359773
AJ	60m N	Cuttings	1947	351445
AJ	62m N	Cuttings	1921	351445
18	68m E	Unspecified Heap	1876	340137
AK	68m N	Unspecified Pit	1989	360964
AK	68m N	Unspecified Pit	1988	360964
AK	68m N	Unspecified Pit	1964	360964
Q	69m N	Unspecified Disused Levels	1989	387051
Q	69m N	Unspecified Disused Levels	1988	387051
Q	69m N	Unspecified Disused Levels	1964	387051
W	70m E	Unspecified Heap	1876	340139
AK	70m N	Old Coal Level	1921	376608
A	70m N	Unspecified Ground Workings	1964	352823
AG	70m N	Unspecified Quarry	1921	375853
AG	70m N	Unspecified Quarry	1947	375853
AA	71m N	Unspecified Ground Workings	1989	378684
AA	71m N	Unspecified Ground Workings	1988	378684
AA	71m N	Unspecified Ground Workings	1964	378684

ID	Location	Land Use	Date	Group ID
AK	73m N	Old Coal Level	1947	363730
AK	74m N	Old Coal Level	1921	376608
AK	74m N	Old Coal Level	1921	376608
AB	76m N	Trial Level	1876	335994
19	77m N	Railway Sidings	1897	372171
AL	81m N	Mineral Railway Sidings	1989	361942
AL	81m N	Mineral Railway Sidings	1988	361942
AL	81m N	Mineral Railway Sidings	1964	364010
Q	82m N	Cuttings	1921	389113
AI	82m N	Unspecified Heap	1876	339697
Q	84m N	Unspecified Heap	1876	340701
B	84m N	Unspecified Heap	1876	339658
AE	84m N	Unspecified Heap	1989	380067
AE	84m N	Unspecified Heap	1988	380067
AE	84m N	Unspecified Heap	1964	380067
AN	85m N	Unspecified Ground Workings	1989	365307
AN	85m N	Unspecified Ground Workings	1988	365307
AO	86m N	Unspecified Disused Pit	1897	370877
Q	87m N	Cuttings	1921	374972
O	87m N	Refuse Heap	1897	335121
I	88m N	Air Shafts	1876	329638
AP	88m N	Railway Sidings	1914	356031
AP	88m N	Tramway Sidings	1921	388033
K	88m N	Unspecified Old Levels	1921	388950
AL	88m N	Railway Sidings	1947	354737
K	88m N	Unspecified Pits	1989	366595
K	88m N	Unspecified Pits	1988	366595
K	88m N	Unspecified Disused Levels	1964	349947

ID	Location	Land Use	Date	Group ID
Q	89m N	Cuttings	1947	374972
K	89m N	Unspecified Old Levels	1914	381042
K	89m N	Unspecified Old Levels	1947	362365
K	90m N	Unspecified Old Levels	1897	379587
AQ	92m N	Unspecified Heap	1989	364919
AQ	92m N	Unspecified Heap	1988	364919
AQ	92m N	Unspecified Heap	1964	364919
AR	96m S	Old Trial Level	1914	369106
AR	96m S	Old Trial Level	1897	369106
B	96m N	Unspecified Heap	1876	339657
20	98m N	Refuse Heap	1897	335451
N	99m N	Unspecified Old Level	1947	334591
K	102m N	Unspecified Old Levels	1914	371051
K	102m N	Unspecified Old Levels	1947	374989
B	102m N	Unspecified Disused Pit	1947	370505
AS	103m N	Unspecified Heap	1964	366521
B	103m N	Refuse Heap	1914	377206
AR	103m S	Old Trial Level	1921	354606
AT	104m N	Old Trial Levels	1947	375670
AT	104m N	Old Trial Levels	1921	382470
AT	104m N	Old Trial Levels	1921	382470
AT	105m N	Old Trial Levels	1921	353808
21	106m E	Railway Sidings	1876	388284
AS	106m N	Unspecified Heap	1989	375346
AS	106m N	Unspecified Heap	1988	375346
AU	107m S	Unspecified Pit	1876	355841
AV	107m N	Unspecified Heap	1989	390405
AV	107m N	Unspecified Heap	1988	390405

ID	Location	Land Use	Date	Group ID
AV	107m N	Unspecified Heap	1964	390405
B	108m N	Refuse Heap	1921	377206
AW	109m N	Unspecified Quarry	1897	362989
AT	110m N	Disused Trial Levels	1989	380638
AT	110m N	Disused Trial Levels	1988	380638
AT	110m N	Disused Trial Levels	1964	380638
B	111m N	Unspecified Heap	1876	339656
AX	112m E	Iron Works	1876	336114
AU	115m S	Unspecified Old Quarry	1897	362245
AU	116m S	Unspecified Pit	1947	390239
AU	116m S	Unspecified Old Quarry	1921	362671
AU	116m S	Unspecified Old Quarry	1947	385908
AU	116m S	Unspecified Old Quarry	1914	362671
AU	117m S	Unspecified Old Quarry	1938	365400
22	117m N	Unspecified Heap	1876	340693
AU	118m S	Unspecified Ground Workings	1990	359781
AU	118m S	Unspecified Ground Workings	1988	359781
AT	118m N	Old Trial Levels	1897	355535
AU	120m S	Unspecified Ground Workings	1947	352354
BA	121m N	Old Coal Level	1921	371775
BA	121m N	Old Coal Level	1921	371775
BA	122m N	Old Coal Level	1921	371775
BA	122m N	Old Coal Level	1947	371775
BA	122m N	Old Coal Level	1897	379266
BB	124m N	Coal Pit	1876	338229
BC	126m N	Unspecified Heap	1921	362332
BC	126m N	Unspecified Heap	1921	362332
BC	126m N	Unspecified Ground Workings	1947	390246

ID	Location	Land Use	Date	Group ID
AO	128m N	Unspecified Disused Pit	1914	363699
AO	128m N	Unspecified Pit	1947	390238
BE	128m N	Unspecified Heaps	1921	363887
AO	130m N	Unspecified Pit	1989	355920
AO	130m N	Unspecified Pit	1988	355920
AO	130m N	Unspecified Pit	1964	355920
BF	130m N	Unspecified Ground Workings	1947	366477
BF	130m N	Unspecified Old Quarry	1914	362616
BF	130m N	Unspecified Old Quarry	1921	362616
23	131m SE	Unspecified Ground Workings	1876	346097
AD	132m N	Unspecified Ground Workings	1947	387795
B	132m N	Unspecified Heap	1876	340692
A	133m N	Air Shafts	1876	329637
BF	133m N	Unspecified Ground Workings	1989	378476
BF	133m N	Unspecified Ground Workings	1988	378476
BF	133m N	Unspecified Ground Workings	1964	378476
AD	133m N	Unspecified Heap	1921	362652
AD	133m N	Unspecified Heap	1921	362652
BF	134m NE	Unspecified Heap	1876	339655
BF	134m N	Unspecified Old Quarry	1897	386271
A	135m N	Unspecified Heaps	1921	338547
AO	135m N	Unspecified Disused Pit	1921	363699
A	138m N	Unspecified Ground Workings	1914	354132
AD	140m N	Unspecified Pits	1921	354360
AD	140m N	Unspecified Pits	1921	354360
AD	140m N	Unspecified Ground Workings	1989	350371
AD	140m N	Unspecified Ground Workings	1988	350371
AD	140m N	Unspecified Ground Workings	1964	350371

ID	Location	Land Use	Date	Group ID
BG	142m NE	Railway Sidings	1897	369191
AD	144m N	Unspecified Heap	1921	380407
AD	144m N	Unspecified Heap	1921	380407
BF	144m NE	Unspecified Pit	1876	343585
BH	144m N	Unspecified Old Quarry	1921	384425
AD	144m N	Unspecified Pit	1921	367173
24	146m N	Coal Level	1876	347846
BH	146m N	Unspecified Old Quarry	1947	361449
BH	146m N	Unspecified Old Quarry	1921	361449
BI	147m N	Unspecified Pit	1914	371688
BI	147m N	Unspecified Pit	1947	356714
BF	147m NE	Smithy	1876	344944
X	148m N	Unspecified Heaps	1989	369181
X	148m N	Unspecified Heaps	1988	369181
X	148m N	Unspecified Heaps	1964	369181
BA	151m N	Unspecified Disused Levels	1989	382074
BA	151m N	Unspecified Disused Levels	1988	382074
BA	151m N	Unspecified Disused Levels	1964	382074
25	151m N	Unspecified Heap	1876	339788
BB	151m N	Unspecified Ground Workings	1914	346224
BJ	152m N	Unspecified Disused Level	1989	366097
BJ	152m N	Unspecified Disused Level	1988	366097
BJ	152m N	Unspecified Disused Level	1964	366097
BA	153m N	Unspecified Pit	1884	344003
BK	154m N	Refuse Heaps	1921	350479
BK	154m N	Refuse Heaps	1921	350479
BC	154m N	Unspecified Heap	1876	373718
A	154m N	Unspecified Heap	1914	340236

ID	Location	Land Use	Date	Group ID
BB	154m N	Old Coal Level	1921	329391
BK	155m N	Refuse Heap	1947	335363
BK	156m N	Old Coal Level	1897	329406
X	156m N	Unspecified Old Quarries	1897	387657
BH	160m N	Unspecified Old Quarries	1897	347417
26	160m N	Trial Level	1884	335993
BC	161m N	Unspecified Heap	1989	381530
BC	161m N	Unspecified Heap	1988	381530
AD	161m N	Unspecified Pit	1989	352720
AD	161m N	Unspecified Pit	1988	352720
AD	161m N	Unspecified Pit	1964	352720
BK	162m N	Railway Sidings	1897	369879
BH	162m N	Unspecified Quarry	1989	362168
BH	162m N	Unspecified Quarry	1988	362168
BH	162m N	Unspecified Quarry	1964	362168
27	163m N	Unspecified Ground Workings	1964	352786
28	164m N	Coal Level	1876	347742
BJ	164m N	Unspecified Heap	1921	356990
BJ	164m N	Unspecified Heap	1921	356990
BJ	166m N	Unspecified Heap	1921	368295
BJ	166m N	Unspecified Pit	1947	344292
BF	167m NE	Trial Levels	1897	341835
BL	168m N	Old Air Shaft	1897	335821
BJ	169m N	Old Coal Levels	1897	332646
29	170m NW	Unspecified Ground Workings	1876	346098
30	170m SW	Unspecified Quarry	1876	330238
31	171m N	Unspecified Ground Workings	1975	346511
32	172m N	Unspecified Pit	1914	343583

ID	Location	Land Use	Date	Group ID
BM	172m N	Railway Sidings	1876	334330
33	173m NW	Unspecified Heap	1876	340138
BF	173m NE	Coal Pit	1876	338254
BF	173m NE	Old Trial Levels	1914	380447
BF	173m NE	Old Trial Levels	1921	380447
BF	173m NE	Unspecified Ground Workings	1947	346225
AW	174m N	Unspecified Ground Workings	1964	387506
X	175m N	Unspecified Heap	1876	339791
AW	176m N	Unspecified Ground Workings	1989	383035
AW	176m N	Unspecified Ground Workings	1988	383035
AA	176m NE	Unspecified Tank	1897	338801
BN	178m N	Unspecified Ground Workings	1964	383008
34	181m N	Old Air Shaft	1897	335820
BO	183m NE	Unspecified Quarry	1914	364134
BO	183m NE	Unspecified Quarry	1921	364134
BP	184m SW	Railway Sidings	1914	388313
BN	185m N	Unspecified Old Quarry	1914	359331
BM	189m N	Unspecified Heaps	1876	338486
BQ	190m N	Railway Sidings	1921	385866
BK	193m N	Unspecified Heap	1965	340420
35	194m N	Unspecified Heaps	1964	338548
36	195m N	Unspecified Old Quarries	1897	347464
BR	195m SE	Hospital	1989	336466
BR	195m SE	Isolation Hospital	1988	372047
BR	195m SE	Isolation Hospital	1964	372047
BS	197m N	Unspecified Quarry	1921	390572
BR	199m SE	Isolation Hospital	1914	353565
BR	199m SE	Isolation Hospital	1947	366441

ID	Location	Land Use	Date	Group ID
BS	200m N	Unspecified Quarry	1921	385471
BS	200m N	Unspecified Quarries	1947	349405
X	201m N	Unspecified Ground Workings	1876	345769
BT	202m N	Coal Level	1876	347844
BR	203m SE	Isolation Hospital	1921	366526
BL	204m N	Unspecified Pit	1876	344291
BU	205m N	Unspecified Level	1989	374399
BU	205m N	Unspecified Level	1988	374399
BU	205m N	Unspecified Level	1964	374399
BS	205m N	Unspecified Disused Quarry	1975	334069
BS	205m N	Cuttings	1965	333122
BV	207m N	Old Trial Level	1897	366490
37	208m S	Trial Level	1876	335970
BV	209m N	Unspecified Old Level	1947	334637
38	209m NW	Unspecified Ground Workings	1884	345442
BL	210m N	Unspecified Pit	1876	344290
BV	210m N	Old Trial Level	1914	391316
BV	210m N	Old Trial Level	1921	391316
BW	210m N	Unspecified Old Quarries	1921	387050
BS	211m N	Unspecified Quarry	1897	385471
BW	211m N	Unspecified Old Quarries	1914	387657
39	213m S	Trial Level	1876	335971
BY	219m N	Unspecified Heap	1876	339691
BZ	223m N	Unspecified Ground Workings	1965	378400
40	223m NE	Unspecified Ground Workings	1965	345689
41	224m NW	Unspecified Ground Workings	1884	346470
BZ	225m N	Unspecified Ground Workings	1975	378400
BT	228m N	Refuse Heap	1897	335063

ID	Location	Land Use	Date	Group ID
BQ	230m N	Railway Building	1897	348170
BB	234m NE	Old Coal Level	1914	329347
CA	234m S	Sulphurous Well	1921	382420
CA	234m S	Sulphurous Well	1947	365817
CA	234m S	Sulphurous Well	1914	382420
CA	234m S	Sulphurous Well	1897	382420
43	234m E	Brick Works	1876	341587
CB	236m NE	Railway Sidings	1921	356031
CB	237m NE	Railway Sidings	1897	380385
BS	238m N	Unspecified Old Quarry	1921	355874
BS	238m N	Unspecified Old Quarry	1921	355874
BS	242m N	Unspecified Old Quarry	1947	368886
CC	242m N	Unspecified Quarry	1876	331223
44	244m NE	Brick Works	1897	341576
BB	246m NE	Mineral Railway Sidings	1988	362309
BB	246m NE	Mineral Railway Sidings	1964	362309
BB	252m NE	Omnibus Depot	1989	358772
BB	252m NE	Omnibus Depot	1988	358772
BB	252m NE	Omnibus Depot	1964	388407
CC	252m N	Old Coal Level	1947	350410
CC	253m N	Old Coal Level	1921	377191
CC	253m N	Old Coal Level	1921	377191
BV	254m N	Unspecified Disused Level	1989	390815
BV	254m N	Unspecified Disused Level	1988	390815
BV	254m N	Unspecified Disused Level	1964	390815
CC	254m N	Unspecified Ground Workings	1989	376328
CC	254m N	Unspecified Ground Workings	1988	376328
CC	254m N	Unspecified Ground Workings	1964	376328

ID	Location	Land Use	Date	Group ID
CD	255m NE	Railway Sidings	1965	385857
CC	257m N	Old Coal Levels	1897	332647
45	259m N	Unspecified Pit	1876	343107
CE	260m N	Unspecified Pit	1884	344287
CF	260m NE	Unspecified Ground Workings	1897	379786
CG	263m NE	Refuse Heap	1897	335065
BE	264m N	Old Coal Levels	1947	382728
CH	265m N	Old Coal Levels	1921	372517
CI	265m N	Disused Trial Shaft	1989	358602
CI	265m N	Disused Trial Shaft	1988	358602
CI	265m N	Disused Trial Shaft	1964	358602
CJ	266m N	Unspecified Ground Workings	1921	365255
CJ	266m N	Unspecified Ground Workings	1921	365255
BE	266m N	Old Coal Levels	1921	373953
BE	266m N	Old Coal Levels	1921	373953
CJ	266m N	Unspecified Pit	1947	343026
CH	267m N	Unspecified Heap	1989	367960
CH	267m N	Unspecified Heap	1988	367960
CH	267m N	Unspecified Heap	1964	367960
CH	269m N	Old Coal Levels	1921	352523
CH	269m N	Old Coal Levels	1921	352523
BE	270m N	Old Coal Level	1921	329428
CK	270m N	Old Trial Level	1914	359728
CK	270m N	Old Trial Level	1921	359728
CH	271m N	Old Coal Levels	1947	374954
CK	271m N	Unspecified Old Levels	1947	336105
CK	272m N	Old Trial Level	1897	387238
BE	273m N	Unspecified Heap	1989	388536

ID	Location	Land Use	Date	Group ID
BE	273m N	Unspecified Heap	1988	388536
BE	273m N	Unspecified Heap	1964	388536
46	274m N	Unspecified Pit	1884	344002
47	275m NE	Railway Sidings	1975	387883
CL	276m N	Unspecified Ground Workings	1914	364847
CL	276m N	Unspecified Ground Workings	1921	364847
CL	276m N	Unspecified Ground Workings	1947	364847
48	276m N	Unspecified Pit	1876	343106
CH	277m N	Old Coal Levels	1897	359360
CM	278m NE	Coke Ovens	1876	333533
CN	279m NE	Cuttings	1914	370036
CN	279m NE	Cuttings	1921	370036
BE	279m N	Unspecified Heaps	1989	367851
BE	279m N	Unspecified Heaps	1988	367851
BE	279m N	Unspecified Heaps	1964	367851
CE	279m N	Unspecified Pit	1884	344288
BP	282m SW	Railway Sidings	1897	359927
BQ	282m N	Railway Station	1965	355327
CM	284m NE	Unspecified Heap	1914	360742
CM	284m NE	Unspecified Heap	1921	360742
CH	286m N	Old Coal Levels	1921	389557
49	288m NE	Coal Level	1876	347797
BQ	288m N	Railway Station	1897	359678
BQ	291m N	Railway Station	1921	391251
BW	291m N	Unspecified Heap	1876	339793
CP	292m NE	Unspecified Pit	1921	384253
BQ	292m N	Railway Station	1921	391251
BQ	292m N	Railway Station	1947	391251

ID	Location	Land Use	Date	Group ID
CP	292m NE	Unspecified Pit	1975	360919
CP	292m NE	Unspecified Pit	1965	360919
CP	293m NE	Unspecified Pit	1921	378553
CP	293m NE	Unspecified Pit	1921	378553
BW	294m N	Unspecified Ground Workings	1947	383424
CP	294m NE	Unspecified Pit	1947	355779
50	295m NE	Unspecified Pit	1947	343024
CQ	295m N	Unspecified Old Level	1914	354653
CQ	295m N	Unspecified Old Level	1921	354653
CQ	295m N	Unspecified Old Level	1947	354653
BM	295m N	Coal Level	1876	347750
CR	298m SE	Unspecified Pit	1989	359158
CR	298m SE	Unspecified Pit	1988	359158
CR	298m SE	Unspecified Pit	1964	359158
AX	300m NE	Unspecified Tank	1876	338976
CP	301m NE	Railway Building	1897	348205
CS	303m N	Trial Levels	1876	341839
51	303m N	Unspecified Disused Tip	1975	332223
CF	304m NE	Unspecified Heap	1965	339631
CP	305m NE	Police Station	1876	347521
BW	305m N	Unspecified Pit	1989	385091
BW	305m N	Unspecified Pit	1964	390666
BE	306m N	Old Coal Levels	1947	370235
CQ	307m N	Unspecified Disused Level	1989	360570
CQ	307m N	Unspecified Disused Level	1988	360570
CQ	307m N	Unspecified Disused Level	1964	360570
BE	308m N	Unspecified Heap	1989	371549
BE	308m N	Unspecified Heap	1988	371549

ID	Location	Land Use	Date	Group ID
BE	308m N	Unspecified Heap	1964	371549
CU	310m N	Old Coal Level	1914	363493
CU	310m N	Old Coal Level	1921	375960
CS	311m N	Trial Levels	1876	341838
CL	311m N	Unspecified Pit	1914	357501
CL	311m N	Unspecified Pit	1921	357501
CL	311m N	Unspecified Pit	1947	357501
CU	311m N	Unspecified Pit	1947	390247
CU	312m N	Unspecified Pit	1989	364143
CU	312m N	Unspecified Pit	1988	364143
CU	312m N	Unspecified Pit	1964	364143
CU	312m N	Old Coal Level	1897	363493
CV	312m NE	Unspecified Heap	1975	385882
CV	312m NE	Unspecified Heap	1965	385882
CG	314m NE	Unspecified Heap	1975	339630
52	314m NE	Railway Building	1897	348269
CW	314m S	Tramway Sidings	1914	362654
CW	314m S	Tramway Sidings	1921	362654
BB	315m NE	Unspecified Heap	1914	370775
BB	315m NE	Unspecified Heap	1947	355661
CQ	315m N	Unspecified Old Level	1897	372094
53	316m NW	Unspecified Ground Workings	1884	346472
BB	316m NE	Railway Building	1921	348521
54	317m S	Unspecified Ground Workings	1947	346101
BE	318m N	Unspecified Heaps	1989	376009
BE	318m N	Unspecified Heaps	1988	376009
BE	318m N	Unspecified Heaps	1964	376009
55	319m N	Unspecified Ground Workings	1876	355250

ID	Location	Land Use	Date	Group ID
56	320m N	Unspecified Ground Workings	1884	368488
CX	320m SE	Sewage Tank	1914	376719
CX	320m SE	Sewage Tank	1947	370616
CY	321m NE	Railway Sidings	1947	388119
CZ	321m S	Unspecified Ground Workings	1947	363087
CZ	321m S	Unspecified Ground Workings	1914	381572
DA	322m N	Old Coal Levels	1897	351829
DB	324m NE	Railway Sidings	1975	364803
57	325m S	Unspecified Pit	1947	343427
CL	325m N	Unspecified Pit	1914	377984
CL	325m N	Unspecified Pit	1921	377984
CL	325m N	Unspecified Pit	1947	377984
58	326m NE	Railway Sidings	1876	361639
AX	326m NE	Railway Sidings	1914	359590
AX	326m NE	Railway Sidings	1947	380318
AX	326m NE	Railway Sidings	1897	389169
CG	327m NE	Unspecified Ground Workings	1914	362875
CG	327m NE	Unspecified Ground Workings	1947	366924
CX	331m SE	Sewage Tank	1921	373452
CL	333m N	Unspecified Pit	1989	357501
CL	333m N	Unspecified Pit	1988	357501
CL	333m N	Unspecified Pit	1964	357501
59	335m N	Coal Level	1876	347749
AX	335m NE	Railway Building	1897	348158
CY	335m NE	Cuttings	1965	332932
60	336m NE	Tramway Sidings	1947	371325
AX	338m NE	Railway Station	1897	379150
DC	341m N	Unspecified Heap	1947	365919

ID	Location	Land Use	Date	Group ID
DD	342m NE	Railway Sidings	1897	385533
DC	343m N	Unspecified Heap	1921	378013
DC	343m N	Unspecified Heap	1921	378013
61	344m N	Railway Sidings	1921	371343
DE	344m N	Unspecified Ground Workings	1965	365377
DE	344m N	Unspecified Ground Workings	1975	365377
DB	347m NE	Unspecified Ground Workings	1965	371906
DB	348m NE	Unspecified Old Quarries	1921	371433
DB	348m NE	Unspecified Old Quarries	1947	371433
DB	348m NE	Unspecified Old Quarries	1897	371079
CL	348m N	Unspecified Old Quarries	1897	369933
62	349m N	Unspecified Pit	1884	344004
DB	349m NE	Unspecified Old Quarries	1921	370305
DC	349m N	Unspecified Heap	1989	361246
DC	349m N	Unspecified Heap	1988	361246
DC	349m N	Unspecified Heap	1964	361246
CL	349m N	Unspecified Old Quarries	1914	369933
CL	349m N	Unspecified Quarry	1947	330081
DB	349m NE	Unspecified Disused Quarry	1975	333807
DF	351m N	Unspecified Heap	1965	339780
DF	351m N	Refuse Heap	1921	360905
DF	351m N	Refuse Heap	1921	360905
DF	352m N	Refuse Heap	1921	360905
DF	352m N	Refuse Heap	1947	360905
AX	352m NE	Railway Station	1914	382122
AX	352m NE	Railway Station	1947	368447
AX	352m NE	Railway Station	1921	370869
AX	352m NE	Railway Sidings	1921	363517

ID	Location	Land Use	Date	Group ID
CS	353m N	Trial Levels	1876	341840
AX	354m NE	Railway Building	1897	373798
CL	354m N	Unspecified Ground Workings	1989	350425
CL	354m N	Unspecified Ground Workings	1988	350425
CL	354m N	Unspecified Ground Workings	1964	350425
DG	355m NE	Unspecified Heap	1921	378575
DG	355m NE	Unspecified Heap	1921	378575
AX	356m NE	Railway Building	1914	373798
DG	357m NE	Unspecified Heap	1965	370677
DG	358m NE	Old Coal Levels	1897	357052
DG	358m NE	Old Coal Levels	1921	360651
DG	358m NE	Old Coal Levels	1921	360651
DG	358m NE	Old Coal Levels	1947	360651
DG	359m NE	Unspecified Heaps	1975	338616
63	362m S	Unspecified Heap	1948	339348
64	364m NE	Railway Sidings	1947	350011
DH	366m N	Disused Air Shaft	1989	364123
DH	366m N	Disused Air Shaft	1988	364123
DH	366m N	Disused Air Shaft	1964	364123
65	366m NE	Unspecified Quarry	1876	330041
66	368m NE	Unspecified Ground Workings	1897	346672
67	370m NE	Unspecified Old Quarries	1897	374668
DI	371m N	Old Coal Level	1921	329351
DA	372m N	Unspecified Pits	1989	352397
DA	372m N	Unspecified Pits	1988	352397
DA	372m N	Unspecified Pits	1964	352397
DH	372m N	Old Air Shaft	1921	380231
DJ	373m SW	Unspecified Ground Workings	1897	345424

ID	Location	Land Use	Date	Group ID
DK	373m NE	Unspecified Ground Workings	1914	390988
DK	373m NE	Unspecified Ground Workings	1947	363864
DI	373m N	Unspecified Pit	1921	351401
DI	373m N	Unspecified Pit	1921	351401
DH	373m N	Old Air Shaft	1921	362236
DI	373m N	Unspecified Pit	1947	377617
DH	373m N	Unspecified Disused Levels	1989	375457
DH	373m N	Unspecified Disused Levels	1988	375457
DH	373m N	Unspecified Disused Levels	1964	375457
DH	374m N	Old Air Shaft	1947	362236
DL	376m NE	Unspecified Disused Tip	1975	332176
DL	377m NE	Refuse Heap	1921	365007
DL	377m NE	Refuse Heap	1947	355399
DH	378m N	Unspecified Pit	1921	379183
68	378m S	Unspecified Pit	1885	343431
DG	378m NE	Unspecified Heap	1965	340575
DG	379m NE	Old Coal Levels	1921	380655
DG	379m NE	Old Coal Levels	1921	380655
DM	379m N	Unspecified Heaps	1876	338573
DF	380m N	Unspecified Pit	1921	375285
DF	380m N	Unspecified Pit	1921	375285
69	380m SW	Railway Sidings	1947	372870
DH	381m N	Unspecified Pit	1921	360141
DH	381m N	Unspecified Pit	1921	360141
DO	381m NE	Unspecified Ground Workings	1914	361397
DP	381m N	Unspecified Pit	1921	357033
DF	382m N	Unspecified Pit	1897	374641
DP	384m N	Disused Trial Shaft	1989	371976

ID	Location	Land Use	Date	Group ID
DP	384m N	Disused Trial Shaft	1988	371976
DP	384m N	Disused Trial Shaft	1964	371976
DJ	385m SW	Unspecified Heap	1875	376235
DJ	385m SW	Unspecified Heap	1914	364645
DJ	385m SW	Unspecified Heap	1921	364645
DJ	386m SW	Cuttings	1897	388576
DP	386m N	Unspecified Pit	1914	357521
DP	386m N	Unspecified Pit	1947	379744
DJ	387m SW	Cuttings	1921	371723
DJ	387m SW	Cuttings	1875	366715
DJ	387m SW	Cuttings	1914	371723
DQ	387m N	Unspecified Quarry	1921	382726
DR	387m N	Unspecified Level	1989	369251
DR	387m N	Unspecified Level	1988	369251
DR	387m N	Unspecified Level	1964	369251
DQ	387m N	Unspecified Quarry	1947	390083
DS	387m NE	Colliery	1921	377414
70	389m S	Unspecified Ground Workings	1948	346102
DQ	390m N	Unspecified Disused Quarry	1975	333806
DQ	390m N	Unspecified Quarry	1921	372096
71	390m NE	Unspecified Ground Workings	1947	352053
DQ	391m N	Unspecified Quarry	1965	358667
DQ	392m N	Unspecified Quarry	1897	359422
DF	392m N	Unspecified Ground Workings	1947	345708
72	393m N	Railway Sidings	1965	356495
73	394m NE	Unspecified Old Quarries	1921	368272
DJ	399m SW	Cuttings	1947	357716
DQ	399m N	Refuse Heap	1921	335362

ID	Location	Land Use	Date	Group ID
DD	401m NE	Unspecified Ground Workings	1914	352735
DT	401m N	Old Coal Level	1921	368288
DT	401m N	Old Coal Level	1921	368288
DU	402m S	Unspecified Quarry	1897	352287
DU	403m S	Unspecified Ground Workings	1990	384198
DU	403m S	Unspecified Ground Workings	1988	384198
DT	403m N	Unspecified Pit	1947	343050
DV	405m N	Colliery	1921	353791
DV	405m N	Colliery	1921	353791
DU	407m S	Unspecified Quarry	1947	373574
DU	408m S	Unspecified Quarry	1921	352813
DU	408m S	Unspecified Quarry	1914	352813
DM	411m N	Refuse Heap	1921	372358
DM	411m N	Refuse Heap	1921	372358
DM	412m N	Refuse Heap	1921	372358
DM	412m N	Refuse Heap	1947	372358
74	412m N	Unspecified Pit	1876	344005
DU	413m S	Unspecified Disused Quarry	1947	333868
DW	414m NE	Unspecified Heap	1965	384031
DW	416m NE	Unspecified Heap	1975	384031
DX	416m NW	Rifle Range	1875	352431
DY	416m N	Unspecified Old Quarry	1921	386709
75	417m NW	Unspecified Ground Workings	1884	346471
DZ	417m E	Unspecified Quarry	1914	369575
DZ	417m E	Unspecified Quarry	1921	369575
DZ	419m E	Unspecified Quarry	1897	357096
EA	420m N	Unspecified Quarry	1897	365193
EA	421m N	Unspecified Quarry	1947	371089

ID	Location	Land Use	Date	Group ID
DY	421m N	Unspecified Old Quarry	1921	386709
DY	421m N	Unspecified Old Quarry	1947	351945
EB	422m N	Disused Colliery	1921	355942
DY	426m N	Unspecified Old Quarry	1897	354497
76	427m NE	Railway Sidings	1921	363563
77	429m N	Unspecified Heap	1876	339787
78	429m SE	Unspecified Ground Workings	1876	346094
DT	431m N	Old Coal Level	1921	364601
CZ	433m S	Unspecified Heaps	1947	338534
CD	435m NE	Unspecified Heap	1876	339689
DQ	435m N	Unspecified Quarry	1897	385613
CD	437m NE	Unspecified Old Quarries	1921	378367
EC	438m N	Unspecified Quarries	1921	359828
CD	439m NE	Unspecified Pit	1921	368950
CD	439m NE	Unspecified Pit	1947	368950
79	440m N	Unspecified Factory	1975	335897
EC	440m N	Unspecified Quarries	1947	359828
ED	440m NE	Railway Sidings	1921	363503
ED	440m NE	Railway Sidings	1947	386375
DX	441m NW	Rifle Range	1914	369402
EC	441m N	Unspecified Quarries	1921	360646
EC	442m N	Unspecified Disused Quarries	1975	342110
EC	442m N	Unspecified Ground Workings	1965	346512
DL	442m N	Unspecified Heap	1897	339682
80	444m S	Railway Building	1921	348481
EE	444m N	Refuse Heap	1921	352861
EE	444m N	Refuse Heap	1921	352861
EF	448m N	Unspecified Heap	1884	339785

ID	Location	Land Use	Date	Group ID
CZ	448m S	Unspecified Ground Workings	1947	372559
DG	449m NE	Unspecified Heap	1965	340574
DG	449m NE	Unspecified Disused Level	1975	334728
DG	450m NE	Old Coal Levels	1897	368779
DD	452m NE	Unspecified Pit	1947	343118
DS	452m NE	Colliery	1914	350095
DS	452m NE	Refuse Heap	1975	376147
81	453m S	Cuttings	1884	332996
DW	453m NE	Unspecified Ground Workings	1914	377185
DW	453m NE	Unspecified Ground Workings	1947	358202
CZ	455m S	Unspecified Pit	1947	343428
DW	458m NE	Unspecified Heaps	1965	338478
82	459m N	Unspecified Pit	1884	343048
DW	459m NE	Unspecified Heap	1975	339779
DW	464m NE	Unspecified Heap	1975	339778
EH	465m NW	Refuse Heap	1947	364651
EH	465m NW	Refuse Heap	1947	364651
EI	466m NE	Unspecified Ground Workings	1914	357575
EI	466m NE	Unspecified Ground Workings	1947	362487
DD	468m NE	Unspecified Ground Workings	1947	386736
DO	468m NE	Unspecified Ground Workings	1947	386553
EF	469m N	Unspecified Pit	1884	343104
EH	469m NW	Gravel Pit	1921	356650
EH	469m NW	Gravel Pit	1914	364646
CZ	470m S	Unspecified Pits	1947	345289
EK	471m NE	Unspecified Heap	1975	373143
EK	471m NE	Unspecified Heap	1965	373143
EB	472m N	Disused Colliery	1921	380116

ID	Location	Land Use	Date	Group ID
EB	472m N	Disused Colliery	1921	380116
EK	472m NE	Unspecified Heap	1921	382923
EK	472m NE	Unspecified Heap	1921	382923
EH	472m NW	Gravel Pit	1875	361712
83	473m NE	Unspecified Heap	1876	339799
EI	473m NE	Unspecified Ground Workings	1921	355110
EK	474m NE	Unspecified Heap	1921	389347
EL	474m NE	Mineral Railway Sidings	1965	373817
EK	475m NE	Old Coal Level	1947	391381
EK	475m NE	Old Coal Level	1897	375560
DS	475m NE	Unspecified Ground Workings	1947	354572
EM	476m W	Unspecified Pit	1897	385913
DS	477m NE	Unspecified Ground Workings	1914	384397
84	477m NE	Cuttings	1876	332916
EF	481m N	Unspecified Heap	1884	339784
85	481m W	Tramway Sidings	1921	335619
EM	482m W	Unspecified Pit	1947	364052
EM	482m W	Unspecified Pit	1947	364052
EM	482m W	Unspecified Pit	1875	367853
EM	482m W	Unspecified Pit	1914	381286
EM	482m W	Unspecified Pit	1921	381286
DY	482m N	Unspecified Quarry	1964	354440
EN	483m N	Refuse Heap	1947	387298
DX	483m NW	Rifle Range	1914	369402
EN	487m N	Refuse Heap	1921	381941
EN	487m N	Refuse Heap	1921	381941
EC	491m N	Unspecified Quarries	1897	360646
EL	492m NE	Mineral Railway Sidings	1975	373817

ID	Location	Land Use	Date	Group ID
86	492m N	Unspecified Quarry	1884	331219
DL	494m NE	Unspecified Tank	1921	362240
DS	494m NE	Refuse Heap	1965	377437
EH	496m NW	Unspecified Ground Workings	1989	355717
EH	496m NW	Unspecified Ground Workings	1988	355717
EH	496m NW	Unspecified Ground Workings	1964	355717
EO	496m S	Unspecified Ground Workings	1921	352148
EO	496m S	Unspecified Ground Workings	1947	355855
EO	496m S	Unspecified Ground Workings	1914	352148

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	**35**

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 42 >**

ID	Location	Land Use	Date	Group ID
C	**On site**	**Unspecified Tank**	**1962**	**42081**
C	22m N	Unspecified Tank	1987	42617
C	24m N	Unspecified Tank	1993	43810
K	60m N	Unspecified Tank	1899	39503
N	93m N	Unspecified Tank	1995	41485
N	94m N	Unspecified Tank	1971	43284
N	94m N	Unspecified Tank	1984	42795
N	94m N	Unspecified Tank	1991	41485
AY	116m NE	Unspecified Tank	1995	45269
AY	116m NE	Unspecified Tank	1971	44751
AY	116m NE	Unspecified Tank	1984	44751

ID	Location	Land Use	Date	Group ID
AY	116m NE	Unspecified Tank	1991	45269
B	167m N	Unspecified Tank	1986	45870
B	167m N	Unspecified Tank	1972	45870
AA	175m NE	Unspecified Tank	1878	44008
AA	175m NE	Unspecified Tank	1899	44008
BG	176m NE	Unspecified Tank	1984	39497
BB	219m NE	Unspecified Tank	1878	42678
BB	219m NE	Unspecified Tank	1899	42678
BB	225m NE	Unspecified Tank	1919	44373
BB	225m NE	Unspecified Tank	1939	44373
42	228m NW	Unspecified Tank	1996	39724
BM	241m N	Unspecified Tank	1986	39727
BB	243m NE	Unspecified Tank	1878	39512
CC	245m N	Unspecified Tank	1986	39728
BY	258m NE	Unspecified Tank	1878	39511
BB	286m NE	Unspecified Tank	1984	44003
BB	286m NE	Unspecified Tank	1991	43984
BB	286m NE	Unspecified Tank	1971	44003
BB	286m NE	Unspecified Tank	1989	42116
BB	287m NE	Unspecified Tank	1995	43984
BB	287m NE	Unspecified Tank	1970	43729
BB	287m NE	Unspecified Tank	1993	42186
CX	328m SE	Sewage Tank	1918	42883
CX	328m SE	Sewage Tank	1940	42883

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	59

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 42 >**

ID	Location	Land Use	Date	Group ID
J	**On site**	**Electricity Substation**	**1985**	**21701**
J	**On site**	**Electricity Transformer**	**1972**	**21146**
J	**On site**	**Electricity Substation**	**1993**	**22325**
P	1m N	Electricity Substation	1984	24865
P	1m N	Electricity Substation	1991	22369
P	2m N	Electricity Transformer	1971	21154
P	3m N	Electricity Substation	1995	22369
H	14m N	Electricity Substation	1986	24900
H	14m N	Electricity Substation	1967	24611
H	14m N	Electricity Transformer	1972	21147
G	45m N	Electricity Substation	1986	23627
G	45m N	Electricity Substation	1967	23627
G	45m N	Electricity Substation	1972	23627
B	73m N	Electricity Transformer	1972	21148
AZ	117m N	Electricity Substation	1995	22850
AZ	117m N	Electricity Substation	1972	25221
BD	127m N	Electricity Transformer	1989	22263
BD	128m N	Electricity Transformer	1970	23930
BD	129m N	Electricity Substation	1993	20421
A	152m N	Electricity Substation	1995	22494
A	152m N	Electricity Substation	1991	22494
AL	162m NE	Electricity Substation	1984	22411
AL	162m NE	Electricity Substation	1991	25481

ID	Location	Land Use	Date	Group ID
AL	163m NE	Electricity Transformer	1971	21152
AL	167m NE	Electricity Substation	1995	20409
AH	175m NE	Electricity Substation	1995	22849
AH	175m NE	Electricity Substation	1984	25189
AH	175m NE	Electricity Substation	1991	23248
AH	175m NE	Electricity Transformer	1971	21153
BX	211m N	Electricity Substation	1995	22764
BX	220m N	Electricity Substation	1972	22973
BX	220m N	Electricity Substation	1950	22222
BY	224m N	Electricity Transformer	1972	21145
BY	242m NE	Electricity Substation	1993	25179
BY	242m NE	Electricity Substation	1984	21758
BB	273m NE	Electricity Substation	1984	24161
BB	273m NE	Electricity Substation	1991	24370
BB	273m NE	Electricity Substation	1971	24161
CO	280m NE	Electricity Substation	1972	22911
CO	280m NE	Electricity Substation	1995	23114
CO	280m NE	Electricity Substation	1997	23114
CO	281m NE	Electricity Substation	1984	22911
CT	308m N	Electricity Substation	1995	22034
CT	308m N	Electricity Substation	1985	25131
CT	308m N	Electricity Transformer	1976	21141
CG	336m NE	Electricity Substation	1995	23115
CG	336m NE	Electricity Substation	1997	23115
AX	363m NE	Electricity Transformer	1970	21151
AX	367m NE	Electricity Substation	1989	22097
AX	368m NE	Electricity Substation	1993	22097
DN	380m SE	Electricity Substation	1993	20351

ID	Location	Land Use	Date	Group ID
DN	381m SE	Electricity Transformer	1975	21142
EJ	469m SE	Electricity Substation	1993	24695
EJ	469m SE	Electricity Transformer	1971	21140
EJ	469m SE	Electricity Substation	1988	24695
EJ	469m SE	Electricity Substation	1988	24695
EP	498m E	Electricity Transformer	1967	21143
EP	498m E	Electricity Substation	1995	20403
87	498m N	Electricity Substation	1995	20406

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	**0**

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m	**5**

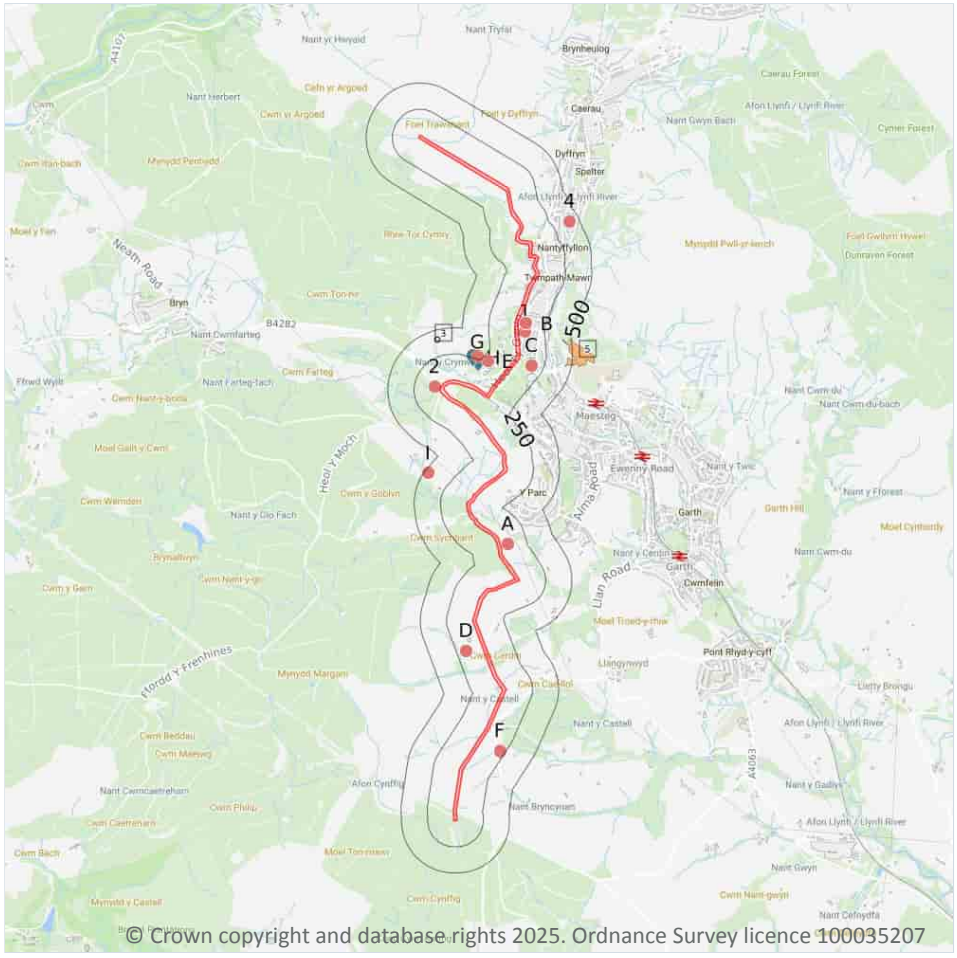
Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 42 >**

ID	Location	Land Use	Date	Group ID
AM	81m N	Garage	1993	8386
AM	81m N	Garage	1985	7960
AM	81m N	Garage	1972	7960
EG	450m NE	Garage	1950	8731
EG	450m NE	Garage	1962	8731

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



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3.1 Active or recent landfill

Records within 500m	0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m	0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m	1

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

Features are displayed on the Waste and landfill map on **page 78 >**

ID	Location	Details		
3	384m NW	Site Address: Ty Gwyn, Maesteg Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded 31/12/1960 Last Recorded: 31/12/1969

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m	1

Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on **page 78 >**

ID	Location	Address	Further Details	Date
5	413m NE	Site Address: N/A	Type of Site: Ground Workings and Refuse Heap Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1987

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m	**20**

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on **page 78 >**

ID	Location	Details		
C	135m NE	Site Name: - Site Address: Partspeed Ltd, Unit 2, Maesteg, Bridgend, Glamorgan, CF34 0AY Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: - Environmental Permitting Regulations (Waste) Licence Number: GB3437AK EPR reference: - Operator: Partspeed Ltd Waste Management licence No: - Annual Tonnage: 74999	Issue Date: 01/05/2012 Effective Date: 01/05/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
C	135m NE	Site Name: - Site Address: Partspeed Ltd, Unit 2, Maesteg, Bridgend, Glamorgan, CF34 0AY Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: - Environmental Permitting Regulations (Waste) Licence Number: GB3437AK EPR reference: - Operator: Partspeed Ltd Waste Management licence No: - Annual Tonnage: 74999	Issue Date: 01/05/2012 Effective Date: 01/05/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
C	135m NE	Site Name: - Site Address: Partspeed Ltd, Unit 2, Maesteg, Bridgend, Glamorgan, CF34 0AY Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: GB3437AK EPR reference: - Operator: - Waste Management licence No: 104123 Annual Tonnage: 74999	Issue Date: 01/05/2012 Effective Date: 01/05/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective

ID	Location	Details		
C	135m NE	Site Name: Partspeed Ltd Site Address: Unit 2, Forge Lane Industrial Estate, Maesteg, Bridgend, Glamorgan, CF34 0AY Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PAR180 EPR reference: EA/EPR/GB3437AK/A001 Operator: Partspeed Ltd Waste Management licence No: 104123 Annual Tonnage: 74999	Issue Date: 01/05/2012 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	135m NE	Site Name: - Site Address: Partspeed Ltd, Unit 2, Maesteg, Bridgend, Bridgend, CF34 0AY Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: GB3437AK EPR reference: - Operator: Partspeed Ltd Waste Management licence No: 0 Annual Tonnage: 74999	Issue Date: 01/05/2012 Effective Date: 01/05/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
C	135m NE	Site Name: - Site Address: Partspeed Ltd, Unit 2, Maesteg, Glamorgan, Bridgend, Bridgend, CF34 0AY Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: GB3437AK EPR reference: - Operator: Partspeed Ltd Waste Management licence No: 104123 Annual Tonnage: 74999	Issue Date: 01/05/2012 Effective Date: 01/05/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
C	136m NE	Site Name: Partspeed Ltd Site Address: Unit 2, Forge Lane Industrial Estate, Maesteg, Bridgend, Glamorgan, CF34 0AY Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: PAR180 EPR reference: GB3437AK/A001 Operator: Partspeed Ltd Waste Management licence No: 104123 Annual Tonnage: 0	Issue Date: 01/05/2012 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Issued

ID	Location	Details		
G	217m N	Site Name: - Site Address: Heol Ty Gwyn Civic Amenity Site, Heol Ty Gwyn Ind Est, Maesteg, Bridgend, Glamorgan, CF34 0BQ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: - Environmental Permitting Regulations (Waste) Licence Number: FP3894LX EPR reference: - Operator: Plan B Management Solutions Limited Waste Management licence No: - Annual Tonnage: 24999	Issue Date: 18/03/2024 Effective Date: 01/04/2024 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
G	217m N	Site Name: - Site Address: Heol Ty Gwyn Civic Amenity Site, Heol Ty Gwyn Ind Est, Maesteg, Bridgend, Glamorgan, CF34 0BQ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: - Environmental Permitting Regulations (Waste) Licence Number: FP3894LX EPR reference: - Operator: Kier Services Limited Waste Management licence No: - Annual Tonnage: 24999	Issue Date: 03/09/2021 Effective Date: 03/09/2021 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
G	217m N	Site Name: - Site Address: Heol Ty Gwyn Civic Amenity Site, Heol Ty Gwyn Ind Est, Maesteg, Bridgend, Glamorgan, CF34 0BQ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: - Environmental Permitting Regulations (Waste) Licence Number: FP3894LX EPR reference: - Operator: Kier Services Limited Waste Management licence No: - Annual Tonnage: 24999	Issue Date: 03/09/2021 Effective Date: 03/09/2021 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
G	217m N	Site Name: Tythegston Civic Amenity Site Site Address: Tythegston Landfill Site, Tythegston, Bridgend, Mid Glam, CF32 0NE Correspondence Address: "Lakeside Pavillion, Chaucer Business Park", Watery Lane, Kemsing, Sevenoaks, Kent, TN15 6QY	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VER004 EPR reference: - Operator: Verdant Group Plc Waste Management licence No: 34254 Annual Tonnage: 0	Issue Date: 15/11/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
G	217m N	Site Name: Heol Ty Gwyn Civic Amenity Site Site Address: Kier MG Limited, Heol Ty Gwyn Civic Amenity Site, Heol Ty Gwyn Ind Est, Bridgend, Glamorgan, CF34 0BQ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: FP3894LX EPR reference: - Operator: Kier MG Limited Waste Management licence No: 34248 Annual Tonnage: 24999	Issue Date: 17/11/2015 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
G	217m N	Site Name: Heol Ty Gwyn Civic Amenity Site Site Address: Heol Ty Gwyn C A Site, Heol Ty Gwyn Ind Est, Maesteg, Bridgend, CF34 0BQ Correspondence Address: Lakeside Pavillion, Chaucer Business Park, Kemsing, Kent, TN15 6QY	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VER005 EPR reference: - Operator: Verdant Group Plc Waste Management licence No: 34248 Annual Tonnage: 0	Issue Date: 28/05/2004 Effective Date: - Modified: 17/01/2008 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
G	217m N	Site Name: - Site Address: Heol Ty Gwyn Civic Amenity Site, Heol Ty Gwyn Ind Est, Maesteg, Bridgend, Bridgend, CF34 0BQ Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: FP3894LX EPR reference: - Operator: Kier Integrated Services Limited Waste Management licence No: 0 Annual Tonnage: 24999	Issue Date: 15/04/2016 Effective Date: 15/04/2016 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
G	217m N	Site Name: - Site Address: Heol Ty Gwyn Civic Amenity Site, Heol Ty Gwyn Ind Est, Maesteg, Glamorgan, Bridgend, Bridgend, CF34 0BQ Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: FP3894LX EPR reference: - Operator: Kier Services Limited Waste Management licence No: 34248 Annual Tonnage: 24999	Issue Date: 21/08/2017 Effective Date: 21/08/2017 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective

ID	Location	Details		
G	223m N	Site Name: Heol Ty Gwyn Civic Amenity Site Site Address: Land/premises At, Heol Ty Gwyn Ind Est, Maesteg, Bridgend, Glamorgan, CF34 0BQ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MAY095 EPR reference: FP3894LX/T001 Operator: May Gurney Ltd Waste Management licence No: 34248 Annual Tonnage: 24999	Issue Date: 28/05/2004 Effective Date: 07/04/2010 Modified: 17/01/2008 Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Transferred
H	251m N	Site Name: Heol Ty Gwyn Civic Amenity Site Site Address: Heol Ty Gwyn C A Site, Heol Ty Gwyn Ind Est, Maesteg, Bridgend, CF34 0BQ Correspondence Address: Old Quarry Site, Heol Ty Gwyn Ind Est, Maesteg, Bridgend, CF33 5TR	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VER005 EPR reference: - Operator: Verdant Group Plc Waste Management licence No: 34248 Annual Tonnage: 4999	Issue Date: 28/05/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
H	251m N	Site Name: Heol Ty Gwyn Site Address: Heol Ty Gwyn, Heol Ty Gwyn Industrial Estate, Maesteg, Mid Glamorgan, CF34 0BQ Correspondence Address: Heol Ty Gwyn, Old Quarry Site, Heol -ty -gwyn Industrial, Maesteg, Bridgend, CF33 5TR	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: V001 EPR reference: - Operator: Verdant Group Plc Waste Management licence No: 34248 Annual Tonnage: 4999	Issue Date: 28/05/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
H	251m N	Site Name: Heol Ty Gwyn Site Address: Heol Ty Gwyn, Heol Ty Gwyn Industrial Estate, Maesteg Correspondence Address: Heol Ty Gwyn, Old Quarry Site, Heol -ty -gwyn Industrial, Maesteg, Bridgend Cbc	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: V001 EPR reference: - Operator: Verdant Group Plc Waste Management licence No: 34248 Annual Tonnage: 0	Issue Date: 28/05/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
H	251m N	Site Name: Heol Ty Gwyn Site Address: Heol Ty Gwyn, Heol Ty Gwyn Industrial Estate, Maesteg, Mid Glamorgan, CF34 0BQ Correspondence Address: Maxine Hopkin, Heol Ty Gwyn, Old Quarry Site, Heol -ty -gwyn Industrial, Maesteg, Bridgend, CF33 5TR	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: V001 EPR reference: - Operator: Verdant Group Plc Waste Management licence No: 34248 Annual Tonnage: 0	Issue Date: 28/05/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m	**93**

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on **page 78 >**

ID	Location	Site	Reference	Category	Sub-Category	Description
1	62m N	Forge Travel Ltd, Forge Travel, Forge Industrial Estate, Nantyfyllon, Maesteg, Pen-Y-Bont Ar Ogwr, Cf34 0ah	NRW-WME084814	Using waste exemption	Not on a farm	Use of waste in construction
2	63m NW	Maesteg Golf Club, Mount Pleasant, Neath Road, Maesteg, Pen-Y-Bont Ar Ogwr, Cf349pr	NRW-WME034566	Using waste exemption	Not on a farm	Use of waste in construction
A	68m S	Sychpant Farm, Maesteg, Mid Glamorgan, Cf349py	NRW-WME013760	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
A	68m S	Sychpant Farm, Maesteg, Mid Glamorgan, Cf349py	NRW-WME013760	Treating waste exemption	On a farm	Anaerobic digestion at premises used for agriculture and burning of resultant biogas
A	68m S	Sychpant Farm, Maesteg, Mid Glamorgan, Cf349py	NRW-WME013760	Disposing of waste exemption	On a farm	Burning waste in the open

ID	Location	Site	Reference	Category	Sub-Category	Description
A	68m S	Sychpant Farm, Maesteg, Mid Glamorgan, Cf349py	NRW-WME013760	Using waste exemption	On a farm	Use of waste in construction
A	68m S	Sychpant Farm, Maesteg, Mid Glamorgan, Cf349py	NRW-WME013760	Using waste exemption	On a farm	Use of waste for a specified purpose
A	68m S	Sychpant Farm, Maesteg, Mid Glamorgan, Cf349py	NRW-WME013760	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
A	68m S	Sychpant Farm, Maesteg, Mid Glamorgan, Cf349py	NRW-WME013760	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	68m S	Sychpant Farm, Maesteg, Mid Glamorgan, Cf349py	NRW-WME013760	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
A	68m S	Sychpant Farm, Maesteg, Mid Glamorgan, Cf349py	NRW-WME013760	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
A	68m S	Sychpant Farm, Maesteg, Mid Glamorgan, Cf349py	NRW-WME013760	Storing waste exemption	On a farm	Storage of waste in secure containers
A	68m S	Sychpant Farm, Maesteg, Mid Glamorgan, Cf349py	NRW-WME013760	Storing waste exemption	On a farm	Storage of waste in a secure place
B	76m N	A L K Skips, Forge Industrial Estate, Nantyfyllon, Maesteg, Pen-Y-Bont Ar Ogwr, Cf34 0ah	NRW-WME075285	Using waste exemption	Not on a farm	Use of waste in construction
B	76m N	A L K Skips, Forge Industrial Estate, Nantyfyllon, Maesteg, Pen-Y-Bont Ar Ogwr, Cf34 0ah	NRW-WME075285	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
B	76m N	A L K Skips, Forge Industrial Estate, Nantyfyllon, Maesteg, Pen-Y-Bont Ar Ogwr, Cf34 0ah	NRW-WME075285	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
B	76m N	A L K Skips, Forge Industrial Estate, Nantyfyllon, Maesteg, Pen-Y-Bont Ar Ogwr, Cf34 0ah	NRW-WME075285	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	76m N	A L K Skips, Forge Industrial Estate, Nantyfyllon, Maesteg, Pen-Y-Bont Ar Ogwr, Cf34 0ah	NRW-WME075285	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising

ID	Location	Site	Reference	Category	Sub-Category	Description
B	76m N	A L K Skips, Forge Industrial Estate, Nantyfyllon, Maesteg, Pen-Y-Bont Ar Ogwr, Cf34 0ah	NRW-WME075285	Storing waste exemption	Not on a farm	Storage of waste in secure containers
B	76m N	A L K Skips, Forge Industrial Estate, Nantyfyllon, Maesteg, Pen-Y-Bont Ar Ogwr, Cf34 0ah	NRW-WME075285	Disposing of waste exemption	Not on a farm	Burning waste in the open
B	76m N	A L K Skips, Forge Industrial Estate, Nantyfyllon, Maesteg, Pen-Y-Bont Ar Ogwr, Cf34 0ah	NRW-WME075285	Treating waste exemption	Not on a farm	Recovery of scrap metal
B	76m N	A L K Skips, Forge Industrial Estate, Nantyfyllon, Maesteg, Pen-Y-Bont Ar Ogwr, Cf34 0ah	NRW-WME075285	Treating waste exemption	Not on a farm	Sorting mixed waste
B	76m N	A L K Skips, Forge Industrial Estate, Nantyfyllon, Maesteg, Pen-Y-Bont Ar Ogwr, Cf34 0ah	NRW-WME075285	Treating waste exemption	Not on a farm	Manual treatment of waste
C	135m NE	A.l.k Skip Hire, Forge Industrial Estate, Nantyfyllon, Maesteg, Pen-Y-Bont Ar Ogwr, Cf340ay	NRW-WME015154	Storing waste exemption	Not on a farm	Storage of waste in a secure place
C	135m NE	A.k.k Skip Hire, Forge Industrial Estate Nantyffyllon, Maesteg, Mid Glamorgan, Cf340ay	NRW-WME039525	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
C	135m NE	A.k.k Skip Hire, Forge Industrial Estate Nantyffyllon, Maesteg, Mid Glamorgan, Cf340ay	NRW-WME039525	Disposing of waste exemption	Not on a farm	Burning waste in the open
C	135m NE	A.k.k Skip Hire, Forge Industrial Estate Nantyffyllon, Maesteg, Mid Glamorgan, Cf340ay	NRW-WME039525	Treating waste exemption	Not on a farm	Sorting mixed waste
C	135m NE	A.k.k Skip Hire, Forge Industrial Estate Nantyffyllon, Maesteg, Mid Glamorgan, Cf340ay	NRW-WME039525	Treating waste exemption	Not on a farm	Recovery of scrap metal

ID	Location	Site	Reference	Category	Sub-Category	Description
C	135m NE	A.k.k Skip Hire, Forge Industrial Estate Nantyffyllon, Maesteg, Mid Glamorgan, Cf340ay	NRW-WME039525	Treating waste exemption	Not on a farm	Manual treatment of waste
C	135m NE	A.l.k Skip Hire, Forge Industrial Estate, Nantyffyllon, Mid Glamorgan, Cf340ay	NRW-WME039526	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
C	135m NE	A.l.k Skip Hire, Forge Industrial Estate, Nantyffyllon, Mid Glamorgan, Cf340ay	NRW-WME039526	Treating waste exemption	Not on a farm	Sorting mixed waste
C	135m NE	A.l.k Skip Hire, Forge Industrial Estate, Nantyffyllon, Mid Glamorgan, Cf340ay	NRW-WME039526	Disposing of waste exemption	Not on a farm	Burning waste in the open
C	135m NE	A.l.k Skip Hire, Forge Industrial Estate, Nantyffyllon, Mid Glamorgan, Cf340ay	NRW-WME039526	Treating waste exemption	Not on a farm	Recovery of scrap metal
C	135m NE	A.l.k Skip Hire, Forge Industrial Estate, Nantyffyllon, Mid Glamorgan, Cf340ay	NRW-WME039526	Treating waste exemption	Not on a farm	Manual treatment of waste
C	135m NE	A.l.k Skip Hire, Forge Industrial Estate, Nantyffyllon, Mid Glamorgan, Cf340ay	NRW-WME039526	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
C	135m NE	A.k.k Skip Hire, Forge Industrial Estate Nantyffyllon, Maesteg, Mid Glamorgan, Cf340ay	NRW-WME039525	Storing waste exemption	Not on a farm	Storage of waste in secure containers
C	135m NE	A.k.k Skip Hire, Forge Industrial Estate Nantyffyllon, Maesteg, Mid Glamorgan, Cf340ay	NRW-WME039525	Using waste exemption	Not on a farm	Use of waste in construction
C	135m NE	A.k.k Skip Hire, Forge Industrial Estate Nantyffyllon, Maesteg, Mid Glamorgan, Cf340ay	NRW-WME039525	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance

ID	Location	Site	Reference	Category	Sub-Category	Description
C	135m NE	A.k.k Skip Hire, Forge Industrial Estate Nantyffyllon, Maesteg, Mid Glamorgan, Cf340ay	NRW-WME039525	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	135m NE	A.l.k Skip Hire, Forge Industrial Estate, Nantyffyllon, Mid Glamorgan, Cf340ay	NRW-WME039526	Storing waste exemption	Not on a farm	Storage of waste in secure containers
C	135m NE	A.l.k Skip Hire, Forge Industrial Estate, Nantyffyllon, Mid Glamorgan, Cf340ay	NRW-WME039526	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	135m NE	A.l.k Skip Hire, Forge Industrial Estate, Nantyffyllon, Mid Glamorgan, Cf340ay	NRW-WME039526	Using waste exemption	Not on a farm	Use of waste in construction
C	135m NE	A.l.k Skip Hire, Forge Industrial Estate, Nantyffyllon, Mid Glamorgan, Cf340ay	NRW-WME039526	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	164m S	Lluest Wen Farm Maesteg Mid Glamorgan Cf349ra	NRW-WME018062	Using waste exemption	On a farm	Use of waste in construction
D	164m S	Lluest Wen Farm Maesteg Mid Glamorgan Cf349ra	NRW-WME018062	Using waste exemption	On a farm	Use of waste for a specified purpose
D	164m S	Lluest Wen Farm Maesteg Mid Glamorgan Cf349ra	NRW-WME018062	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
D	164m S	Lluest Wen Farm Maesteg Mid Glamorgan Cf349ra	NRW-WME018062	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	164m S	Lluest Wen Farm Maesteg Mid Glamorgan Cf349ra	NRW-WME018062	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
D	164m S	Lluest Wen Farm Maesteg Mid Glamorgan Cf349ra	NRW-WME018062	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
D	164m S	Lluest Wen Farm Maesteg Mid Glamorgan Cf349ra	NRW-WME018062	Storing waste exemption	On a farm	Storage of waste in secure containers
D	164m S	Lluest Wen Farm Maesteg Mid Glamorgan Cf349ra	NRW-WME018062	Storing waste exemption	On a farm	Storage of waste in a secure place

ID	Location	Site	Reference	Category	Sub-Category	Description
D	164m S	Lluest Wen Farm Maesteg Mid Glamorgan Cf349ra	NRW-WME018062	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
D	164m S	Lluest Wen Farm Maesteg Mid Glamorgan Cf349ra	NRW-WME018062	Treating waste exemption	On a farm	Anaerobic digestion at premises used for agriculture and burning of resultant biogas
D	164m S	Lluest Wen Farm Maesteg Mid Glamorgan Cf349ra	NRW-WME018062	Disposing of waste exemption	On a farm	Burning waste in the open
E	194m N	Kier Services Limited, Maesteg Civic Amenity Site, Heol Ty Gwyn Industrial Estate, Bridgend, Maesteg, Pen-Y-Bont Ar Ogwr, Cf34 0bq	NRW-WME068688	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	194m N	Kier Services Limited, Maegsteg Household Amenity Site, Heol Ty Gwyn Industrial Estate, Pen-Y-Bont Ar Ogwr, Pen-Y-Bont Ar Ogwr, Mid Glamorgan, Cf340bq	NRW-WME031536	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	198m S	D Rees & Sons, Neuadd Domas Farm, Llangynwyd, Maesteg, Mid Glamorgan, Cf349sd	NRW-WME016140	Using waste exemption	On a farm	Incorporation of ash into soil
F	198m S	D Rees & Sons, Neuadd Domas Farm, Llangynwyd, Maesteg, Mid Glamorgan, Cf349sd	NRW-WME016140	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
F	198m S	D Rees & Sons, Neuadd Domas Farm, Llangynwyd, Maesteg, Mid Glamorgan, Cf349sd	NRW-WME016140	Storing waste exemption	On a farm	Storage of waste in a secure place
F	198m S	D Rees & Sons, Neuadd Domas Farm, Llangynwyd, Maesteg, Mid Glamorgan, Cf349sd	NRW-WME016140	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
F	198m S	D Rees & Sons, Neuadd Domas Farm, Llangynwyd, Maesteg, Mid Glamorgan, Cf349sd	NRW-WME016140	Using waste exemption	On a farm	Use of waste in construction

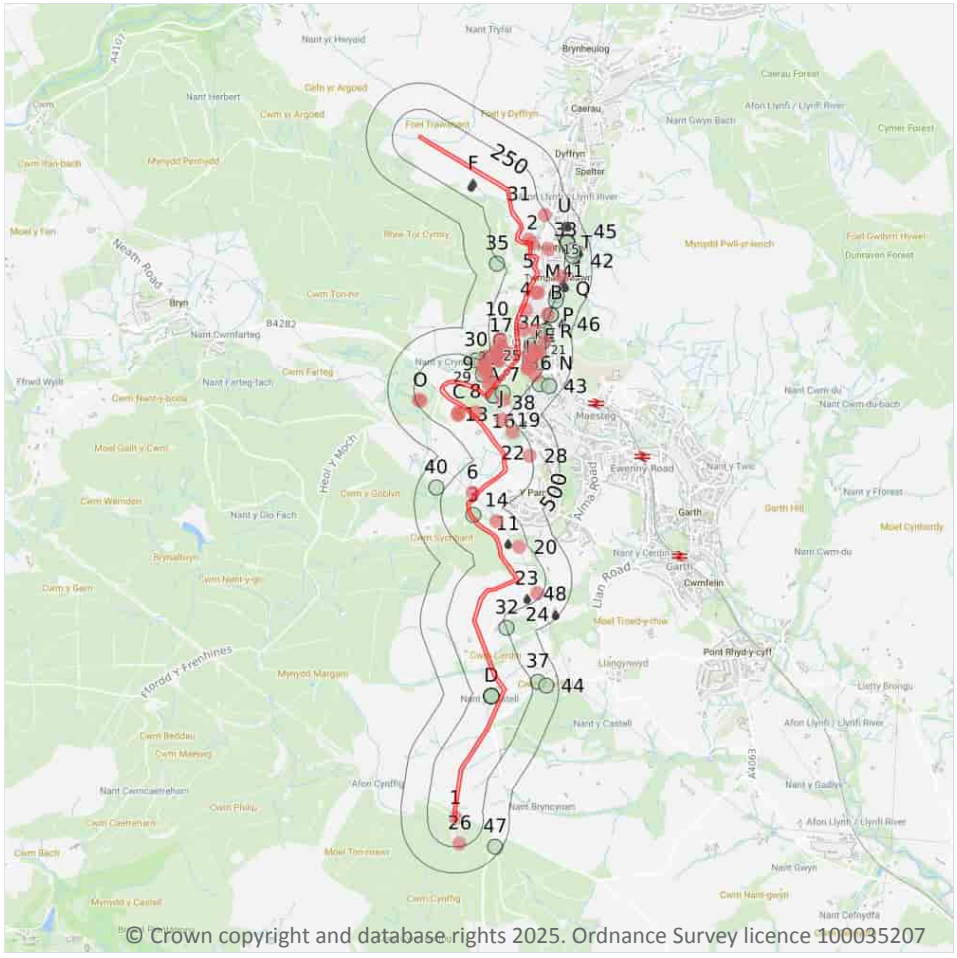
ID	Location	Site	Reference	Category	Sub-Category	Description
F	198m S	D Rees & Sons, Neuadd Domas Farm, Llangynwyd, Maesteg, Mid Glamorgan, Cf349sd	NRW-WME016140	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
F	198m S	D Rees & Sons, Neuadd Domas Farm, Llangynwyd, Maesteg, Mid Glamorgan, Cf349sd	NRW-WME016140	Using waste exemption	On a farm	Use of waste for a specified purpose
F	198m S	Mootress Ltd, Neuadd Domos Farm, Llangynydd, Maesteg, Cf349sd	NRW-WME018926	Using waste exemption	Waste exemption - agricultural and non-agricultural	Use of waste for a specified purpose
F	198m S	D Rees & Sons, Neuadd Domas Farm, Llangynwyd, Maesteg, Mid Glamorgan, Cf349sd	NRW-WME016140	Using waste exemption	On a farm	Use of waste to manufacture finished goods
F	198m S	D Rees & Sons, Neuadd Domas Farm, Llangynwyd, Maesteg, Mid Glamorgan, Cf349sd	NRW-WME016140	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
F	198m S	D Rees & Sons, Neuadd Domas Farm, Llangynwyd, Maesteg, Mid Glamorgan, Cf349sd	NRW-WME016140	Disposing of waste exemption	On a farm	Burning waste in the open
F	198m S	Mootress Ltd, Neuadd Domos Farm, Llangynydd, Maesteg, Cf349sd	NRW-WME018926	Using waste exemption	Waste exemption - agricultural and non-agricultural	Spreading waste on agricultural land to confer benefit
F	198m S	Mootress Ltd, Neuadd Domos Farm, Llangynwyd, Maesteg, Pen-Y-Bont Ar Ogwr, Cf349sd	NRW-WME009316	Using waste exemption	Waste exemption - agricultural and non-agricultural	Spreading waste on agricultural land to confer benefit
F	198m S	Mootress Ltd, Neuadd Domos Farm, Llangynwyd, Maesteg, Pen-Y-Bont Ar Ogwr, Cf349sd	NRW-WME009316	Using waste exemption	Waste exemption - agricultural and non-agricultural	Use of waste for a specified purpose
F	203m S	Castell Farm Llangynwyd Maesteg Pen-Y-Bont Ar Ogwr Cf349sd	NRW-WME034506	Using waste exemption	On a farm	Use of waste in construction

ID	Location	Site	Reference	Category	Sub-Category	Description
H	269m N	Plan B Management Solutions, Maesteg Civic Amenity Site, Heol Ty Gwyn Industrial Estate, Maesteg, Pen-Y-Bont Ar Ogwr, Cf34 0bq	NRW-WME097703	Storing waste exemption	Not on a farm	Storage of waste in a secure place
4	407m N	Old Milk Depot, Coednant Road, Maesteg, Pen-Y-Bont Ar Ogwr, Cf34 0tu	NRW-WME001209	Storing waste exemption	Waste exemption - non-agricultural	Storage of waste in a secure place
I	466m W	The Pines, Maesteg, Pen-Y-Bont Ar Ogwr, Cf349pt	NRW-WME015924	Using waste exemption	On a farm	Use of waste for a specified purpose
I	466m W	The Pines, Maesteg, Pen-Y-Bont Ar Ogwr, Cf349pt	NRW-WME015924	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
I	466m W	The Pines, Maesteg, Pen-Y-Bont Ar Ogwr, Cf349pt	NRW-WME015924	Using waste exemption	On a farm	Use of waste in construction
I	466m W	The Pines, Maesteg, Pen-Y-Bont Ar Ogwr, Cf349pt	NRW-WME015924	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
I	466m W	The Pines, Maesteg, Pen-Y-Bont Ar Ogwr, Cf349pt	NRW-WME015924	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
I	466m W	The Pines, Maesteg, Pen-Y-Bont Ar Ogwr, Cf349pt	NRW-WME015924	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
I	466m W	The Pines, Maesteg, Pen-Y-Bont Ar Ogwr, Cf349pt	NRW-WME015924	Disposing of waste exemption	On a farm	Disposal by incineration
I	466m W	The Pines, Maesteg, Pen-Y-Bont Ar Ogwr, Cf349pt	NRW-WME015924	Disposing of waste exemption	On a farm	Burning waste in the open
I	466m W	The Pines, Maesteg, Pen-Y-Bont Ar Ogwr, Cf349pt	NRW-WME015924	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
I	466m W	The Pines, Maesteg, Pen-Y-Bont Ar Ogwr, Cf349pt	NRW-WME015924	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
I	470m W	The Pines, Cwmcerwyn Farm, Maesteg, Bridgend, Cf349pt	NRW-WME044201	Using waste exemption	Waste exemption - agricultural and non-agricultural	Use of waste in construction

ID	Location	Site	Reference	Category	Sub-Category	Description
I	470m W	The Pines, Cwmcerwyn Farm, Maesteg, Bridgend, Cf349pt	NRW-WME044201	Using waste exemption	Waste exemption - agricultural and non-agricultural	Burning of waste as a fuel in a small appliance
I	470m W	The Pines, Cwmcerwyn Farm, Maesteg, Bridgend, Cf349pt	NRW-WME044201	Using waste exemption	Waste exemption - agricultural and non-agricultural	Use of waste for a specified purpose
I	470m W	The Pines, Cwmcerwyn Farm, Maesteg, Bridgend, Cf349pt	NRW-WME044201	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
I	470m W	The Pines, Cwmcerwyn Farm, Maesteg, Bridgend, Cf349pt	NRW-WME044201	Treating waste exemption	Waste exemption - agricultural and non-agricultural	Aerobic composting and associated prior treatment
I	470m W	The Pines, Cwmcerwyn Farm, Maesteg, Bridgend, Cf349pt	NRW-WME044201	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
I	470m W	The Pines, Cwmcerwyn Farm, Maesteg, Bridgend, Cf349pt	NRW-WME044201	Disposing of waste exemption	On a farm	Burning waste in the open
I	470m W	The Pines, Cwmcerwyn Farm, Maesteg, Bridgend, Cf349pt	NRW-WME044201	Disposing of waste exemption	On a farm	Disposal by incineration
I	470m W	The Pines, Cwmcerwyn Farm, Maesteg, Bridgend, Cf349pt	NRW-WME044201	Using waste exemption	Waste exemption - agricultural and non-agricultural	Spreading waste on agricultural land to confer benefit
I	470m W	The Pines, Cwmcerwyn Farm, Maesteg, Bridgend, Cf349pt	NRW-WME044201	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice

This data is sourced from the Environment Agency and Natural Resources Wales.

4 Current industrial land use



Site Outline

Search buffers in metres (m)

Recent industrial land uses

Licensed Discharges to controlled waters

List 1 Dangerous Substances

List 2 Dangerous Substances

Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m	56

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 94 >**

ID	Location	Company	Address	Activity	Category
1	**On site**	**Pylon**	**West Glamorgan, CF34**	**Electrical Features**	**Infrastructure and Facilities**
2	2m N	Electricity Sub Station	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
4	22m N	Electricity Sub Station	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
5	22m N	Quarry (Disused)	Mid Glamorgan, CF34	Unspecified Quarries Or Mines	Extractive Industries
6	23m SW	Pylon	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
7	23m N	Electricity Sub Station	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
8	26m N	Tank	Mid Glamorgan, CF34	Tanks (Generic)	Industrial Features
9	44m N	Maesteg Community Hospital	Neath Road, Maesteg, Mid Glamorgan, CF34 9PW	Hospitals	Health Practitioners and Establishments
10	51m N	Forge Travel	Forge Industrial Estate, Nantyfyllon, Maesteg, Mid Glamorgan, CF34	Vehicle Hire and Rental	Hire Services
B	56m N	Electricity Sub Station	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
C	58m NW	TV Relay Station	Mid Glamorgan, CF34	Telecommunications Features	Infrastructure and Facilities
12	69m N	Chimney	Mid Glamorgan, CF34	Chimneys	Industrial Features
C	78m NW	Mast	Mid Glamorgan, CF34	Telecommunications Features	Infrastructure and Facilities
C	79m NW	Pylon	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
B	79m N	Chimney	Mid Glamorgan, CF34	Chimneys	Industrial Features
E	94m N	Tank	Mid Glamorgan, CF34	Tanks (Generic)	Industrial Features
E	99m NE	Chimney	Mid Glamorgan, CF34	Chimneys	Industrial Features
G	108m N	E M I S	Unit 8, Heol Ty Gwyn Industrial Estate, Maesteg, Mid Glamorgan, CF34 0BQ	Electrical and Electronic Engineers	Engineering Services
14	116m S	Pylon	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
I	119m NE	Chimney	Mid Glamorgan, CF34	Chimneys	Industrial Features
G	120m N	R T Jeffery	Unit 7-8 The Corn Stores, Heol Ty Gwyn Industrial Estate, Maesteg, Mid Glamorgan, CF34 0BQ	Vehicle Repair, Testing and Servicing	Repair and Servicing
I	120m NE	Tank	Mid Glamorgan, CF34	Tanks (Generic)	Industrial Features
G	121m N	Llynfi Coaches	Unit 7-9, Heol Ty Gwyn Industrial Estate, Maesteg, Mid Glamorgan, CF34 0BQ	Vehicle Hire and Rental	Hire Services

ID	Location	Company	Address	Activity	Category
G	121m N	C J R Vehicle Services	Plot 9 Unit A, Heol Ty Gwyn Industrial Estate, Maesteg, Mid Glamorgan, CF34 0BQ	Vehicle Repair, Testing and Servicing	Repair and Servicing
G	123m N	Swwi Composite Gates & Railings Ltd	Unit D Plot 9, Heol Ty Gwyn Industrial Estate, Maesteg, Mid Glamorgan, CF34 0BQ	Fences, Gates and Railings	Industrial Products
15	123m N	Electricity Sub Station	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
16	126m N	Electricity Sub Station	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
H	128m NE	Forge Industrial Estate	Mid Glamorgan, CF34	Business Parks and Industrial Estates	Industrial Features
I	135m NE	G E Door Manufacturing	Forge Industrial Estate, Nantyffyllon, Maesteg, Mid Glamorgan, CF34 0AH	General Construction Supplies	Industrial Products
G	140m N	Scaffolding Solutions Wales	Unit 11, Heol Ty Gwyn Industrial Estate, Maesteg, Mid Glamorgan, CF34 0BQ	Construction and Tool Hire	Hire Services
17	144m N	Maesteg Business Centre	Heol Ty Gwyn Industrial Estate, Maesteg, Mid Glamorgan, CF34 0BQ	Business Parks and Industrial Estates	Industrial Features
J	149m N	Geraint Davies Motors	Trading Estate, Heol Ty Gwyn Industrial Estate, Maesteg, Mid Glamorgan, CF34 0BQ	Vehicle Repair, Testing and Servicing	Repair and Servicing
18	150m N	Industrial Pipework UK Ltd	Industrial Pipework Limited, Heol Ty Gwyn Industrial Estate, Maesteg, Mid Glamorgan, CF34 0BQ	Hydraulic Engineers	Engineering Services
J	150m N	Industrial Estate	Mid Glamorgan, CF34	Business Parks and Industrial Estates	Industrial Features
G	154m N	Electricity Sub Station	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
19	169m N	Quarry (Disused)	Mid Glamorgan, CF34	Unspecified Quarries Or Mines	Extractive Industries
20	170m S	Pylon	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
21	173m N	Tank	Mid Glamorgan, CF34	Tanks (Generic)	Industrial Features
K	175m NE	Electricity Sub Station	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
K	177m NE	Electricity Sub Station	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
22	185m NE	Quarry (Disused)	Mid Glamorgan, CF34	Unspecified Quarries Or Mines	Extractive Industries
L	187m N	Maesteg Business Centre	Mid Glamorgan, CF34	Business Parks and Industrial Estates	Industrial Features
G	188m N	Altegra	Unit 3 New Cornstores, Heol Ty Gwyn Industrial Estate, Maesteg, Mid Glamorgan, CF34 0BQ	Industrial Repairs and Servicing	Repair and Servicing
G	193m N	Cynffig Motor Factors Ltd	Unit 2 New Cornstores, Heol Ty Gwyn Industrial Estate, Maesteg, Mid Glamorgan, CF34 0BQ	Vehicle Parts and Accessories	Motoring
L	197m N	Premier Blinds Wales Ltd	Unit 1 Maesteg Business Centre, Heol Ty Gwyn Industrial Estate, Maesteg, Mid Glamorgan, CF34 0BQ	Curtains and Blinds	Consumer Products
24	209m S	Pylon	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
O	213m NW	Pumping Station	Mid Glamorgan, CF34	Water Pumping Stations	Industrial Features
25	215m NE	Electricity Sub Station	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
26	221m S	Pylon	West Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
27	222m N	Electricity Sub Station	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
28	225m E	Quarry (Disused)	Mid Glamorgan, CF34	Unspecified Quarries Or Mines	Extractive Industries
O	225m NW	Tank	Mid Glamorgan, CF34	Tanks (Generic)	Industrial Features
29	233m N	Llynfi Enterprise Centre	Mid Glamorgan, CF34	Business Parks and Industrial Estates	Industrial Features
P	235m NE	Electricity Sub Station	Mid Glamorgan, CF34	Electrical Features	Infrastructure and Facilities
31	238m N	Quarry (Disused)	Mid Glamorgan, CF34	Unspecified Quarries Or Mines	Extractive Industries
N	243m NE	Pumping Station	Mid Glamorgan, CF34	Water Pumping Stations	Industrial Features

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	0

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m	0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m	0

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m	0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m	0

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	0

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m	24

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 94 >**

ID	Location	Address	Details	
C	65m NW	MAESTEGHL(BRYNMACO	Effluent Type: UNSPECIFIED Permit Number: BP0190601 Permit Version: 1 Receiving Water: TO LAND	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 02/10/1989 Effective Date: 02/10/1989 Revocation Date: 14/03/1994
11	69m S	SYCHBANTFARMMAESTEG,MAESTEG	Effluent Type: UNSPECIFIED Permit Number: BM0023001 Permit Version: 1 Receiving Water: UNDERGROUND STRATA	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 17/05/1982 Effective Date: 17/05/1982 Revocation Date: 02/07/1994
F	106m N	NANTGLASNEWYDDMINENANTYFYLLON,NANTGLASNEWYDDMINENANTYFYL,NANTYFYLLON,NANTYFYLLO	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: BP0054201 Permit Version: 1 Receiving Water: UNNAMED TRIB OF NANT Y FFYLLON	Status: REVOKED - UNSPECIFIED Issue date: 15/09/1987 Effective Date: 15/09/1987 Revocation Date: 20/09/1993
F	138m N	NANTGLASNEWYDDMINENANTYFYLLON,NANTGLASNEWYDDMINENANTYFYL,NANTYFYLLON,NANTYFYLLO	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: BP0054201 Permit Version: 2 Receiving Water: UNNAMED TRIB OF NANT Y FFYLLON	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 21/06/1993 Effective Date: 21/09/1993 Revocation Date: 02/02/1994
23	190m S	TYNYCAELLANGYNWYDMAESTEG,LLANGYNWYDMAESTEG,MAESTEG	Effluent Type: UNSPECIFIED Permit Number: BP0086801 Permit Version: 1 Receiving Water: TO LAND	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 28/04/1988 Effective Date: 28/04/1988 Revocation Date: 10/10/1994

ID	Location	Address	Details	
M	199m N	MEASTEG,SILOHCHAPLE,HIGHSTREET,MANTYFFYLLON	Effluent Type: UNSPECIFIED Permit Number: BP0139601 Permit Version: 1 Receiving Water: TRIBUTARY RIVER LLYNFI	Status: REVOKED - UNSPECIFIED Issue date: 01/01/1901 Effective Date: 01/01/1901 Revocation Date: 16/02/1989
N	211m NE	SWOHIGHSTREETMAESTEG(POINT16,SWOHIGHSTREETMAESTEG(POINT,MAESTEG(POINT16	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BW3204801 Permit Version: 1 Receiving Water: RIVER LLYNFI	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 16/12/1963 Effective Date: 16/12/1963 Revocation Date: 28/03/2001
Q	243m NE	CAERAUSTHCSOASSET52420MAESTEG,CAERAUSOUTHCSOASSET52420,EXWKGMENSCLUB31HEOLTYWITH,NANTYFFYLLONMAESTEG	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BW3204901 Permit Version: 2 Receiving Water: RIVER LLYNFI	Status: Effective Issue date: 29/02/2000 Effective Date: 01/03/2000 Revocation Date: -
Q	244m NE	SWOREAROFLIBRARYNANTYFFYLLON,SWOREAROFLIBRARY(POINT15,NANTYFYLLON	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BW3204901 Permit Version: 1 Receiving Water: RIVER LLYNFI	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 16/12/1963 Effective Date: 16/12/1963 Revocation Date: 29/02/2000
Q	245m NE	CAERAUSTHCSOASSET52420MAESTEG,Rear31,BangorTerrace,NantYFfyllon,Maesteg,CF340LA	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: BW3204901 Permit Version: 0 Receiving Water: Afon Llyfni	Status: Effective Issue date: 17/12/2019 Effective Date: 17/12/2019 Revocation Date: -
33	263m N	LANDADJMAESYRDERWENHEOLT	Effluent Type: UNSPECIFIED Permit Number: BB4016501 Permit Version: 1 Receiving Water: RIVER LLYNFI	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 27/10/1975 Effective Date: 27/10/1975 Revocation Date: 07/12/1993
Q	274m NE	MAESTEGWASHERYDISCHARGEPOINT2,MAESTEGWASHERYDISCHAREG2,OFFCROWNROAD,MAESTEG,BRIDGEND,CF430AL	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: BP0309601 Permit Version: 1 Receiving Water: THE AFON LLYNFI	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 23/12/2003 Effective Date: 23/12/2003 Revocation Date: 19/02/2007
Q	274m NE	MAESTEGWASHERYDISCHARGEPOINT2,MAESTEGWASHERYDISCHAREG2,OFFCROWNROAD,MAESTEG,BRIDGEND,CF430AL	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: BP0309601 Permit Version: 1 Receiving Water: THE AFON LLYNFI	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 23/12/2003 Effective Date: 23/12/2003 Revocation Date: 19/02/2007

ID	Location	Address	Details	
S	287m NE	MAESTEGWASHERYRECLAMATION, OFFCROWNROAD,MAESTEG,BRIDGENDCBC,WALES,CF340AL	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: BP0309301 Permit Version: 1 Receiving Water: THE AFON LLYNFI	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 23/12/2003 Effective Date: 23/12/2003 Revocation Date: 19/02/2007
S	287m NE	MAESTEGWASHERYRECLAMATION, OFFCROWNROAD,MAESTEG,BRIDGENDCBC,WALES,CF340AL	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: BP0309301 Permit Version: 1 Receiving Water: THE AFON LLYNFI	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 23/12/2003 Effective Date: 23/12/2003 Revocation Date: 19/02/2007
S	294m NE	MAESTEGCENTRALWASHERYSURFACEWAT,MAESTEGCENTRALWASHERYSURFACE,SURFACEWATER	Effluent Type: MINEWATER Permit Number: BB3015101 Permit Version: 1 Receiving Water: RIVER LLYNFI	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 30/06/1969 Effective Date: 30/06/1969 Revocation Date: 16/09/1993
38	312m NE	1LLUESTFACHCOTTAGEPRIORYTERRAC,1LLUESTFACHCOTTAGEPRIORYTER,PRIORYTERRACEMAESTEG,MAESTEG	Effluent Type: UNSPECIFIED Permit Number: BP0041401 Permit Version: 1 Receiving Water: TO LAND	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 17/03/1987 Effective Date: 17/03/1987 Revocation Date: 18/11/1992
U	345m N	HEARTSOFOAKCOTTAGES(STORMMA,HEARTSOFOAKCOTTAGES(STORM,MAESTEG	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BP0234901 Permit Version: 2 Receiving Water: RIVER LLYNFI	Status: Effective Issue date: 31/10/1995 Effective Date: 01/11/1995 Revocation Date: -
42	356m NE	SWOANNSENTERPRISESNANTYFFYLLON,SWOANNSENTERPRISESNANTYFFYLL,NANTYFFYLLON	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BW3205001 Permit Version: 1 Receiving Water: RIVER LLYNFI	Status: Surrendered Issue date: 16/12/1963 Effective Date: 16/12/1963 Revocation Date: -
U	372m N	HEARTSOFOAKCOTTAGES(STORMMA,HeartsofOakCottages,Maesteg,Bridgend,CF340TU	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: BP0234901 Permit Version: 0 Receiving Water: River Llynfi	Status: Effective Issue date: 06/02/2020 Effective Date: 06/02/2020 Revocation Date: -
U	372m N	HEARTSOFOAKCOTTAGES(STORMMA,HeartsofOakCottages,Maesteg,Bridgend,CF340TU	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: BP0234901 Permit Version: 0 Receiving Water: River Llynfi	Status: Effective Issue date: 06/02/2020 Effective Date: 06/02/2020 Revocation Date: -

ID	Location	Address	Details	
45	387m NE	COEGNANTCOLLIERYSCHEMENANTYFFYLL,COEGNANTCOLLIERYSCHEMENANTYFF,NANTYFFYLLONMAESTEG,MAESTEG	Effluent Type: FRESHWATER - UNSPECIFIED Permit Number: BP0211301 Permit Version: 1 Receiving Water: UNNAMED	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 31/10/1991 Effective Date: 31/10/1991 Revocation Date: 03/11/1994
46	395m NE	MEASTEG,SILOHCHAPLE,HIGHSTREET,MANTYFFYLLON	Effluent Type: UNSPECIFIED Permit Number: BP0139601 Permit Version: 2 Receiving Water: TRIBUTARY RIVER LLYNFI	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 17/02/1989 Effective Date: 17/02/1989 Revocation Date: 10/10/1994
48	471m S	MAESTEGPENTREFARM,PENTREFARM	Effluent Type: UNSPECIFIED Permit Number: BP0041201 Permit Version: 1 Receiving Water: TO LAND	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 18/03/1987 Effective Date: 18/03/1987 Revocation Date: 27/05/1994

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m	0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to public sewer

Records within 500m	0

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m	2

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

Features are displayed on the Current industrial land use map on **page 94 >**

ID	Location	Name	Status	Receiving Water	Authorised Substances
H	115m N	Welsh Porcelain, Forge Ind.est, Maesteg	Not Active	-	Cadmium
E	123m NE	Midcast, Forge Ind.est, Maesteg	Active	-	Cadmium

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m	**1**

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

Features are displayed on the Current industrial land use map on **page 94 >**

ID	Location	Name	Status	Receiving Water	Authorised Substances
E	123m NE	Midcast Forge Ind Est, Maesteg	Not Active	-	Total metals (non-ferrous)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m	**42**

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 94 >**

ID	Location	Details	
3	4m S	Incident Date: 01/05/2003 Incident Identification: 155416 Pollutant: Specific Waste Materials Pollutant Description: Other Specific Waste Material	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
A	26m N	Incident Date: 15/03/2016 Incident Identification: 1600937 Pollutant: Pollutant Not Identified Pollutant Description: Pollutant Not Identified	Water Impact: Category 4 (No Impact) Land Impact: No Details Air Impact: No Details
A	26m N	Incident Date: 15/03/2016 Incident Identification: 1600937 Pollutant: - Pollutant Description: -	Water Impact: Category 4 (No Impact) Land Impact: No Details Air Impact: No Details

ID	Location	Details	
D	79m S	Incident Date: 25/09/2003 Incident Identification: 192536 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
D	79m S	Incident Date: 25/09/2003 Incident Identification: 192536 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
D	79m S	Incident Date: 25/09/2003 Incident Identification: 192536 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
D	79m S	Incident Date: 25/09/2003 Incident Identification: 192536 Pollutant: Specific Waste Materials Pollutant Description: Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
D	79m S	Incident Date: 25/09/2003 Incident Identification: 192536 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
D	79m S	Incident Date: 25/09/2003 Incident Identification: 192536 Pollutant: General Biodegradable Materials and Wastes:Inert Materials and Wastes:Organic Chemicals/Products:Specific Waste Materials:Specific Waste Materials Pollutant Description: Other General Biodegradable Material or Waste:Construction and Demolition Materials and Wastes:Other Organic Chemical or Product:Asbestos:Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
D	79m S	Incident Date: 25/09/2003 Incident Identification: 192536 Pollutant: General Biodegradable Materials and Wastes : Inert Materials and Wastes : Organic Chemicals/Products : Specific Waste Materials Pollutant Description: Other General Biodegradable Material or Waste :Construction and Demolition Materials and Wastes :Other Organic Chemical or Product :Asbestos :Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)

ID	Location	Details	
D	79m S	Incident Date: 25/09/2003 Incident Identification: 192536 Pollutant: Inert Materials and Wastes Organic Chemicals/Products Specific Waste Materials Specific Waste Materials Pollutant Description: Other General Biodegradable Material or Waste Construction and Demolition Materials and Wastes Other Organic Chemical or Product Asbestos Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
13	84m N	Incident Date: 09/12/2015 Incident Identification: 1393421 Pollutant: Contaminated Water Pollutant Description: Other Contaminated Water	Water Impact: - Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
H	119m N	Incident Date: 09/05/2001 Incident Identification: 4996 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
J	131m N	Incident Date: 08/04/2013 Incident Identification: 1100684 Pollutant: Multiple Pollutants Pollutant Description: 4 Pollutants Including Solvents	Water Impact: - Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
N	221m NE	Incident Date: 16/07/2001 Incident Identification: 16718 Pollutant: Oils and Fuel:Oils and Fuel Pollutant Description: Cutting Oils:Lubricating Oils	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
N	221m NE	Incident Date: 16/07/2001 Incident Identification: 16718 Pollutant: Oils and Fuel Pollutant Description: Lubricating Oils	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
N	221m NE	Incident Date: 16/07/2001 Incident Identification: 16718 Pollutant: Oils and Fuel Pollutant Description: Cutting Oils	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
L	224m N	Incident Date: 27/05/2016 Incident Identification: 1602747 Pollutant: Pollutant Not Identified Pollutant Description: Pollutant Not Identified	Water Impact: Category 4 (No Impact) Land Impact: No Details Air Impact: No Details
L	224m N	Incident Date: 27/05/2016 Incident Identification: 1602747 Pollutant: - Pollutant Description: -	Water Impact: Category 4 (No Impact) Land Impact: No Details Air Impact: No Details

ID	Location	Details	
30	236m N	Incident Date: 22/12/2015 Incident Identification: 1396045 Pollutant: Contaminated Water Pollutant Description: Other Contaminated Water	Water Impact: - Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
M	243m NE	Incident Date: 01/12/2014 Incident Identification: 1298576 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
32	253m S	Incident Date: 30/07/2003 Incident Identification: 177796 Pollutant: Contaminated Water:Oils and Fuel Pollutant Description: Firefighting Run-Off:Unidentified Oil	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
R	259m NE	Incident Date: 16/07/2001 Incident Identification: 16665 Pollutant: Oils and Fuel:Oils and Fuel:Oils and Fuel Pollutant Description: Cutting Oils:Lubricating Oils:Mixed/Waste Oils	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
R	259m NE	Incident Date: 16/07/2001 Incident Identification: 16665 Pollutant: Oils and Fuel Pollutant Description: Lubricating Oils	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
R	259m NE	Incident Date: 16/07/2001 Incident Identification: 16665 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
R	259m NE	Incident Date: 16/07/2001 Incident Identification: 16665 Pollutant: Oils and Fuel Pollutant Description: Cutting Oils	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
P	262m NE	Incident Date: 28/04/2016 Incident Identification: 1602049 Pollutant: Sewage Material Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: No Details Air Impact: No Details
P	262m NE	Incident Date: 28/04/2016 Incident Identification: 1602049 Pollutant: - Pollutant Description: -	Water Impact: Category 3 (Minor) Land Impact: No Details Air Impact: No Details
34	263m NE	Incident Date: 25/02/2015 Incident Identification: 1316492 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: - Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)

ID	Location	Details	
35	284m N	Incident Date: 13/06/2023 Incident Identification: 2304499 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Damage to Buildings, Vehicles,Vegetation	Water Impact: No Details Land Impact: No Details Air Impact: Category 1 (Major)
36	304m NE	Incident Date: 13/08/2013 Incident Identification: 1147381 Pollutant: Multiple Pollutants Pollutant Description: 2 Pollutants Including Smoke	Water Impact: - Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
T	306m N	Incident Date: 04/10/2014 Incident Identification: 1284059 Pollutant: Contaminated Water Pollutant Description: Suspended Solids	Water Impact: - Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
T	307m N	Incident Date: 18/09/2013 Incident Identification: 1160076 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: - Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
T	307m N	Incident Date: 30/06/2020 Incident Identification: 2004683 Pollutant: Inert Materials and Waste Pollutant Description: Soils and Clay	Water Impact: Category 2 (Significant) Land Impact: No Details Air Impact: No Details
T	307m N	Incident Date: 30/06/2020 Incident Identification: 2004683 Pollutant: Inert Materials and Waste Pollutant Description: Soils and Clay	Water Impact: Category 2 (Significant) Land Impact: No Details Air Impact: No Details
37	310m S	Incident Date: 24/11/2003 Incident Identification: 203273 Pollutant: Agricultural Materials and Wastes Pollutant Description: Slurry and Dilute Slurry	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
39	324m NE	Incident Date: 09/09/2022 Incident Identification: 2206791 Pollutant: Inert Materials and Waste Pollutant Description: Other Inert Material or Waste	Water Impact: No Details Land Impact: Category 2 (Significant) Air Impact: No Details
40	328m SW	Incident Date: 07/10/2013 Incident Identification: 1165706 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
41	332m N	Incident Date: 12/07/2003 Incident Identification: 173075 Pollutant: Sewage Materials Pollutant Description: Grey Water	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

ID	Location	Details	
43	384m NE	Incident Date: 10/05/2001 Incident Identification: 5084 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
44	387m S	Incident Date: 30/05/2003 Incident Identification: 161975 Pollutant: Agricultural Materials and Wastes Pollutant Description: Silage Liquors	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
47	441m S	Incident Date: 12/10/2001 Incident Identification: 36766 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m	**0**

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m	**0**

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

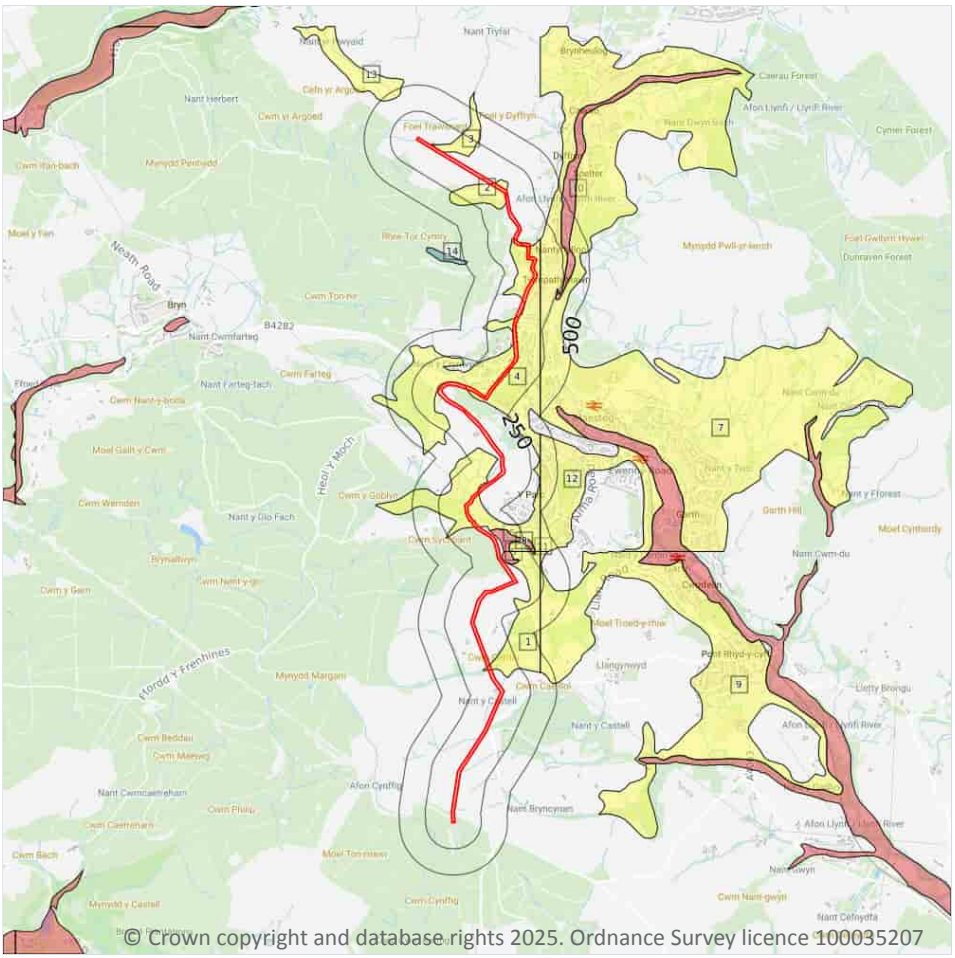
4.21 Pollution inventory radioactive waste

Records within 500m	0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

5 Hydrogeology - Superficial aquifer



Site Outline

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive
- Unknown

5.1 Superficial aquifer

Records within 500m	14

Aquifer status of groundwater held within superficial geology.

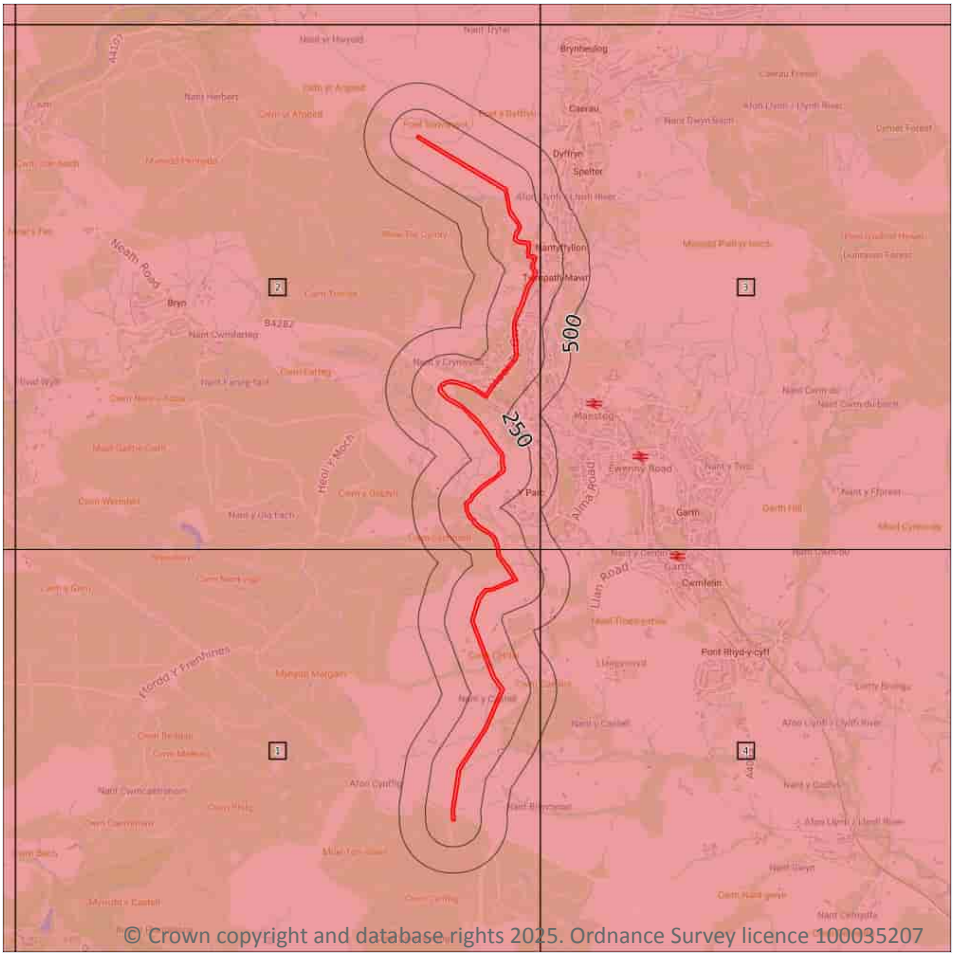
Features are displayed on the Hydrogeology map on **page 111 >**

ID	Location	Designation	Description
1	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
2	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
3	**On site**	**Secondary Undifferentiated**	**Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type**
4	**On site**	**Secondary Undifferentiated**	**Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type**
5	10m S	Secondary A	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
6	19m S	Secondary A	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
7	28m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
8	96m S	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
9	219m SE	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
10	227m NE	Secondary A	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
11	270m SE	Secondary A	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
12	335m E	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
13	433m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
14	479m N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Bedrock aquifer



Site Outline

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive

5.2 Bedrock aquifer

Records within 500m **4**

Aquifer status of groundwater held within bedrock geology.

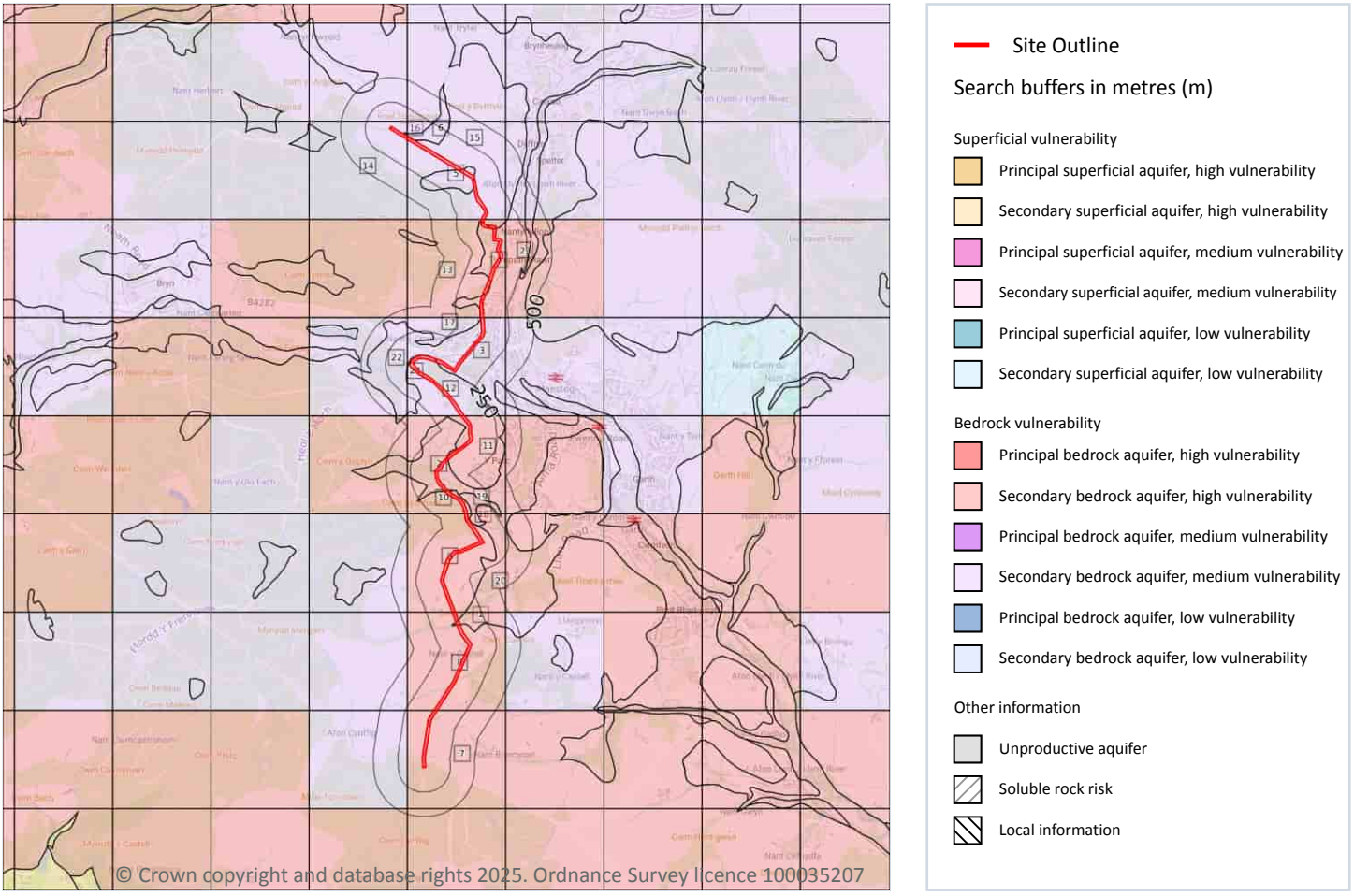
Features are displayed on the Bedrock aquifer map on **page 113 >**

ID	Location	Designation	Description
1	On site	Secondary A	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
2	On site	Secondary A	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

ID	Location	Designation	Description
3	28m N	Secondary A	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
4	219m SE	Secondary A	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

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m	24

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 115 >**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: 40-70% Dilution value: >550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
3	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
4	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
5	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
6	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
7	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: 40-70% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
8	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
9	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: 40-70% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
10	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: 40-70% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
11	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: 40-70% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
12	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
13	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
14	**On site**	**Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data**	**Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures**
15	**On site**	**Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data**	**Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures**
16	4m N	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
17	5m N	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
18	10m S	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: 40-70% Dilution value: >550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
19	19m S	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: 40-70% Dilution value: >550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
20	24m S	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: 40-70% Dilution value: >550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
21	26m N	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
22	28m NW	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
23	28m N	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Low	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
24	39m NW	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site	**0**

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

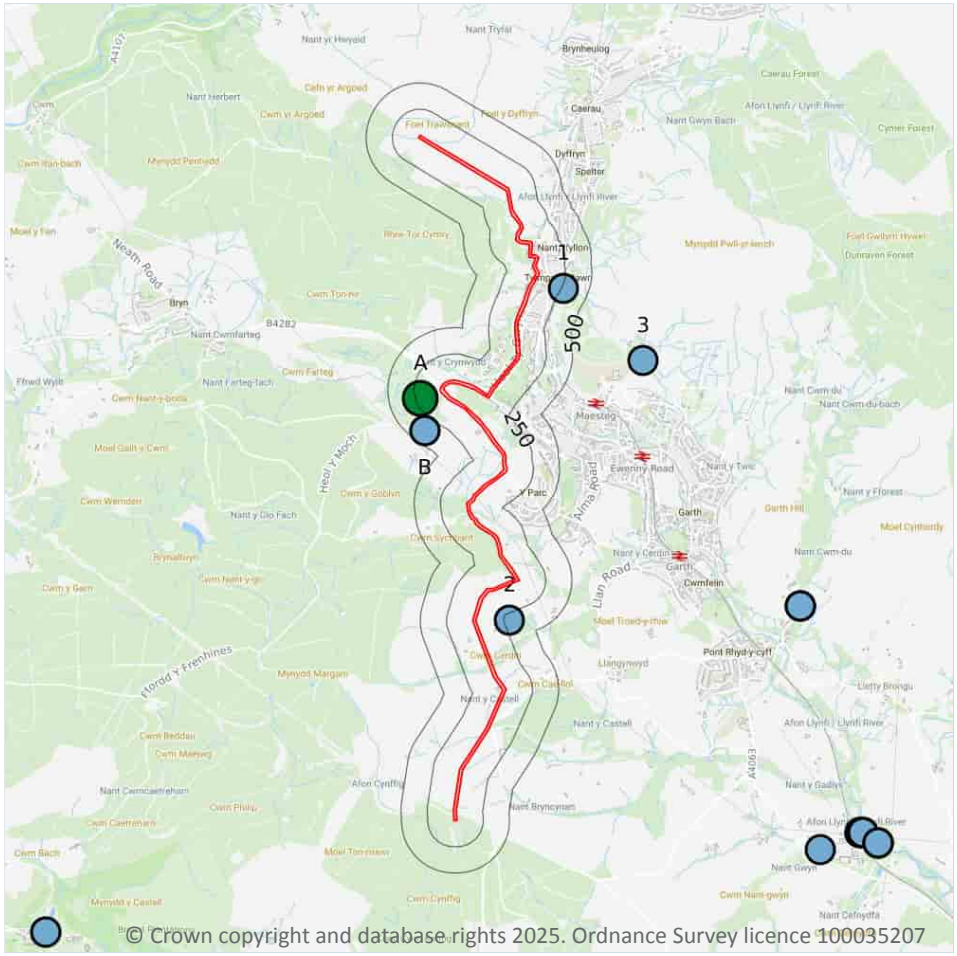
5.5 Groundwater vulnerability- local information

Records on site	**0**

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

This data is sourced from the British Geological Survey and the Environment Agency.

Abstractions and Source Protection Zones



Site Outline

Search buffers in metres (m)

- Source Protection Zone 1 — Inner catchment
- Source Protection Zone 2 — Outer catchment
- Source Protection Zone 3 — Total catchment
- Source Protection Zone 4 — Zone of Special Interest
- Source Protection Zone 1c — Inner catchment - confined aquifer
- Source Protection Zone 2c — Outer catchment - confined aquifer
- Source Protection Zone 3c — Total catchment - confined aquifer
- Drinking water abstraction licences
- Drinking water abstraction licences — Polygon features
- Drinking water abstraction licences — Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m	4

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 121 >**

ID	Location	Details	
A	202m NW	Status: Active Licence No: 21/58/61/0036 Details: Drinking, Cooking, Sanitary Washing (small garden) - Household - Medium Direct Source: underground strata Point: - Data Type: Point Name: - Easting: 283840 Northing: 191440	Annual Volume (m^3): 1500 Max Daily Volume (m^3): - Original Application No: - Original Start Date: 31/03/2005 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
A	202m NW	Status: Active Licence No: 21/58/61/0036 Details: Spray Irrigation - Direct - High Direct Source: underground strata Point: - Data Type: Point Name: - Easting: 283840 Northing: 191440	Annual Volume (m^3): 2820 Max Daily Volume (m^3): - Original Application No: - Original Start Date: 31/03/2005 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
A	202m NW	Status: Historical Licence No: 21/58/61/0036 Details: Spray Irrigation - Direct Direct Source: EAW Groundwater Point: BOREHOLE AT PENNANT MEASURES, MAESTEG Data Type: Point Name: Maesteg Golf Club Easting: 283840 Northing: 191440	Annual Volume (m^3): 4320 Max Daily Volume (m^3): 45.5 Original Application No: - Original Start Date: 11/05/1992 Expiry Date: - Issue No: 100 Version Start Date: 31/03/2005 Version End Date: -
A	202m NW	Status: Historical Licence No: 21/58/61/0036 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: EAW Groundwater Point: BOREHOLE AT PENNANT MEASURES, MAESTEG Data Type: Point Name: Maesteg Golf Club Easting: 283840 Northing: 191440	Annual Volume (m^3): 4320 Max Daily Volume (m^3): 45.5 Original Application No: - Original Start Date: 11/05/1992 Expiry Date: - Issue No: 100 Version Start Date: 31/03/2005 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m	**5**

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 121 >**

ID	Location	Details	
1	266m NE	Status: Historical Licence No: 21/58/41/0029 Details: Dust suppression Direct Source: EAW Surface Water Point: AFON LLYNFI AT FORMER WASHERY, MAESTEG Data Type: Point Name: Edmund Nuttall Limited Easting: 285200 Northing: 192490	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: 31/12/2004 Issue No: 1 Version Start Date: 01/04/2004 Version End Date: -
2	307m S	Status: Historical Licence No: 21/58/41/0023 Details: General Farming & Domestic Direct Source: EAW Surface Water Point: SPRING AT CAEREMI, LLANGYNWYD Data Type: Point Name: Penny Easting: 284690 Northing: 189330	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 05/12/1986 Version End Date: -
B	375m W	Status: Active Licence No: 21/58/61/0040 Details: Unknown (Impounding) - Direct Source: - Point: - Data Type: Point Name: - Easting: 283880 Northing: 191130	Annual Volume (m^3): 0 Max Daily Volume (m^3): - Original Application No: - Original Start Date: 10/10/1996 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
B	375m W	Status: Historical Licence No: 21/58/61/0041 Details: Spray Irrigation - Storage Direct Source: EAW Surface Water Point: INLAND WATER ON LINE RESERVOIR AT NANT CWMCERWYN Data Type: Point Name: Maesteg Golf Club Easting: 283880 Northing: 191130	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 01/04/2001 Version End Date: -

ID	Location	Details	
3	1173m NE	Status: Historical Licence No: 21/58/41/0029 Details: Dust suppression Direct Source: EAW Surface Water Point: UN-NAMED TRIB. OF AFON LLYNFI Data Type: Point Name: Edmund Nuttall Limited Easting: 285960 Northing: 191800	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: 31/12/2004 Issue No: 1 Version Start Date: 01/04/2004 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m **2**

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 121 >**

ID	Location	Details	
A	202m NW	Status: Active Licence No: 21/58/61/0036 Details: Drinking, Cooking, Sanitary Washing (small garden) - Household - Medium Direct Source: underground strata Point: - Data Type: Point Name: - Easting: 283840 Northing: 191440	Annual Volume (m^3): 1500 Max Daily Volume (m^3): - Original Application No: - Original Start Date: 31/03/2005 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
A	202m NW	Status: Historical Licence No: 21/58/61/0036 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: EAW Groundwater Point: BOREHOLE AT PENNANT MEASURES, MAESTEG Data Type: Point Name: Maesteg Golf Club Easting: 283840 Northing: 191440	Annual Volume (m^3): 4320 Max Daily Volume (m^3): 45.5 Original Application No: - Original Start Date: 11/05/1992 Expiry Date: - Issue No: 100 Version Start Date: 31/03/2005 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m	0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

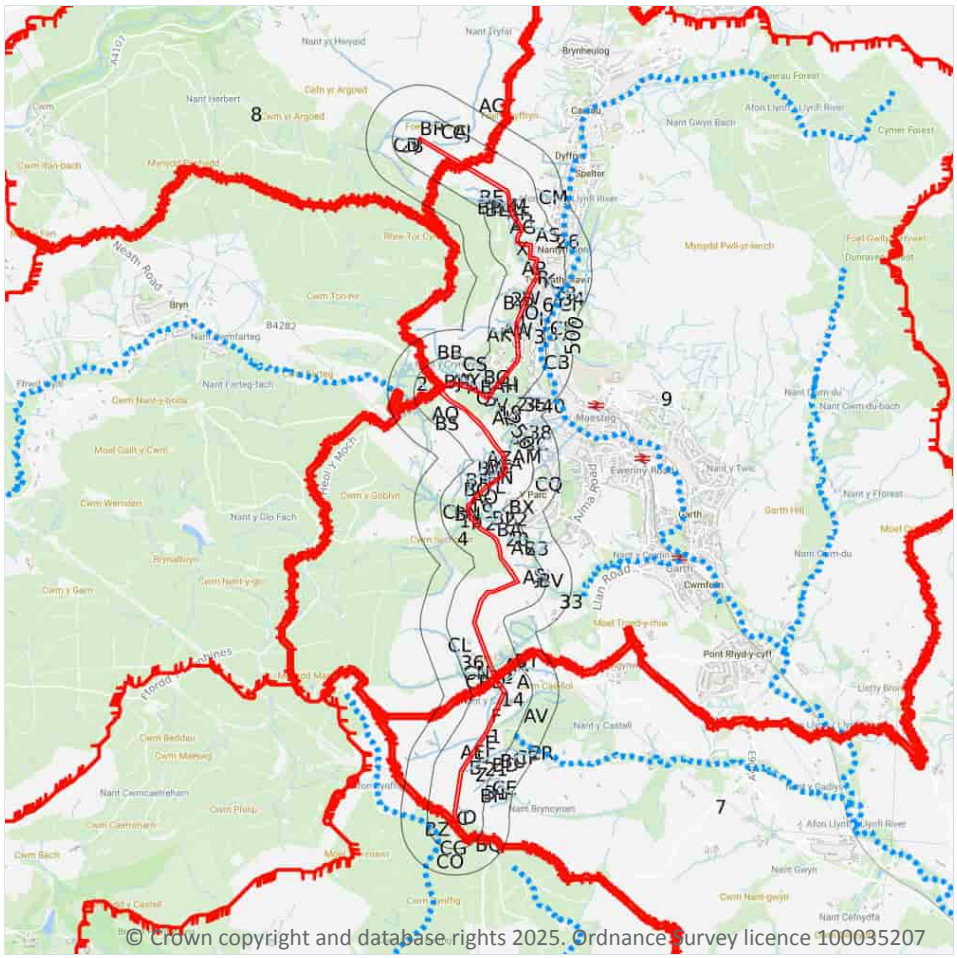
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.

6 Hydrology



Site Outline

Search buffers in metres (m)

Water Network (OS MasterMap)

Surface water features (wider than 5m)

Surface water features (narrower than 5m)

WFD River, canal and surface water transfer water bodies

WFD Lake water bodies

WFD Transitional and coastal water bodies

WFD Surface water body catchments boundaries

WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m	206

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 126 >**

ID	Location	Type of water feature	Ground level	Permanence	Name
1	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	**Nant y Castell**

ID	Location	Type of water feature	Ground level	Permanence	Name
2	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Sychbant
3	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
4	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Sychbant
5	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd
6	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Castell
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Castell
C	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Castell
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Castell
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Lluest-wen
H	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
H	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
I	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
I	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
J	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Ffyllon
L	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Goblyn

ID	Location	Type of water feature	Ground level	Permanence	Name
P	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	**-**
P	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
P	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
Q	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
R	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**Nant y Ffyllon**
P	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**Nant y Goblyn**
U	2m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Nant y Castell
L	2m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
V	2m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd
W	3m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	5m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Ffyllon
L	6m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	6m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Castell

ID	Location	Type of water feature	Ground level	Permanence	Name
Y	12m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	14m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
X	16m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Ffyllon
AA	18m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	20m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd
12	21m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Nant Lluest-wen
13	22m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Ffyllon
14	23m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Nant y Castell
Q	25m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd
AC	25m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Tryfal
AD	27m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Lluest-wen
AE	31m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	34m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Ffyllon

ID	Location	Type of water feature	Ground level	Permanence	Name
AG	36m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	38m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd
P	40m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
15	41m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Goblyn
H	42m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AI	42m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	43m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	44m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Ffyllon
R	44m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	46m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AI	46m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AJ	47m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	49m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
H	49m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AK	49m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
16	49m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
V	49m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd
AL	51m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Ffyllon
K	53m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Ffyllon
AM	60m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AN	61m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AO	62m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
18	65m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Ffyllon
T	67m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AP	69m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AQ	70m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
AR	72m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AQ	73m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AS	80m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AS	80m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
19	81m N	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
AS	82m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AT	83m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AU	83m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AS	84m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AV	84m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	84m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AS	84m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	86m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd

ID	Location	Type of water feature	Ground level	Permanence	Name
V	86m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AM	86m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
20	88m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Sychbant
AW	89m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AX	89m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AY	91m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AY	91m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd
AM	95m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AM	95m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AZ	96m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BA	98m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BB	101m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd
BC	102m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
21	103m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AX	105m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BD	105m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AX	110m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
T	111m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BE	113m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BF	113m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	114m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd
V	114m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd
AX	114m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AX	114m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BH	115m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BI	115m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
BG	116m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	119m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd
BJ	122m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BJ	122m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AX	122m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AX	123m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BK	123m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Ffyllon
AM	124m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AJ	124m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
22	125m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BA	125m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	125m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BK	125m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
BL	125m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AM	127m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
23	128m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Sychbant
AH	128m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BM	130m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
S	133m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AX	133m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Lluest-wen
BN	136m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BN	136m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BN	136m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AS	139m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
24	139m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd
BN	142m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
AS	143m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BO	143m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
25	144m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BP	144m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BQ	150m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BI	150m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BN	154m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Goblyn
BR	160m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BS	161m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
26	164m N	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
BT	171m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Lluest-wen
BU	183m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BU	184m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
BV	185m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Sychbant
27	188m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BW	188m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BX	189m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BV	191m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BY	191m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BX	194m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
28	195m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BZ	197m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Cynffig
CA	197m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AQ	202m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
31	202m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CC	202m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
CB	203m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Llynfi
CD	204m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CE	206m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BU	207m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
S	207m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Sychbant
AQ	208m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CF	209m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
33	210m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Sychbant
CG	210m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Cynffig
CG	210m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Cynffig
CC	218m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CA	218m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CH	221m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Goblyn

ID	Location	Type of water feature	Ground level	Permanence	Name
CI	221m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Ffyllon
CJ	221m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
34	226m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Llynfi
35	228m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd
CL	228m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CM	229m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
36	230m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CN	231m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BS	232m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CI	233m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CO	235m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Cynffig
CC	236m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
37	236m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Llynfi

ID	Location	Type of water feature	Ground level	Permanence	Name
38	237m NE	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
CP	240m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant Lluest-wen
CQ	243m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CR	244m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CK	245m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
40	247m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Nant y Crynwydd
CK	248m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Llynfi
CC	248m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CS	249m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CI	249m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Llynfi

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	**108**

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 126 >**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	3

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 126 >**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
7	**On site**	**River WB catchment**	**Llynfi - Lletty Brongu STW to conf with Ogmore**	**GB110058026332**	**Ogmore**	**Tawe to Cadoxton**
8	**On site**	**River WB catchment**	**Afan - conf with Corrwg to confluence with Pelenna**	**GB110058026130**	**Afan**	**Tawe to Cadoxton**
9	**On site**	**River WB catchment**	**Llynfi - headwaters to Lletty Brongu STW**	**GB110058026331**	**Ogmore**	**Tawe to Cadoxton**

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified	3

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site.

Features are displayed on the Hydrology map on **page 126 >**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
32	203m NE	River	Llynfi - headwaters to Lletty Brongu STW	GB110058026331	Moderate	Good	Moderate	2016
39	240m S	River	Llynfi - Lletty Brongu STW to conf with Ogmore	GB110058026332	Moderate	Good	Moderate	2016

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1823m N	River	Afan - conf with Corrwg to confluence with Pelenna	GB110058026130	Moderate	Fail	Moderate	2016

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site	1

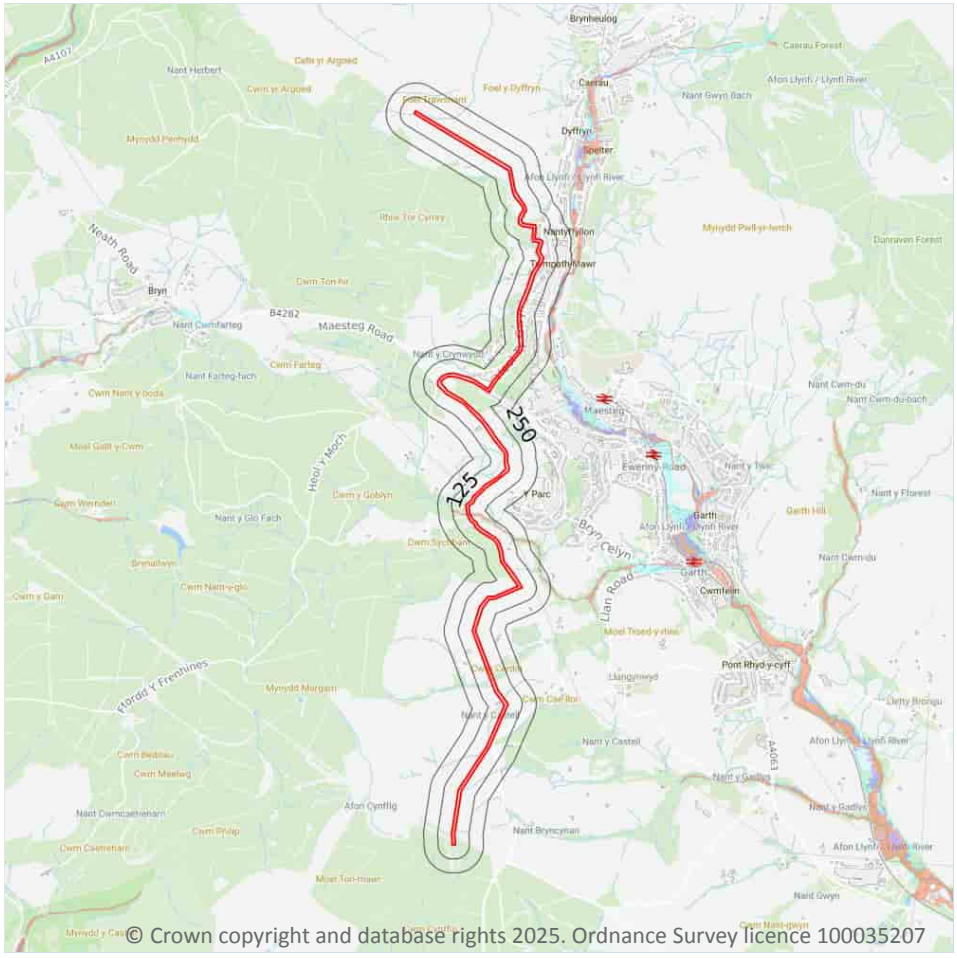
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place.

Features are displayed on the Hydrology map on **page 126 >**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
T	**On site**	**Swansea Carboniferous Coal Measures**	**GB41002G201000**	**Poor**	**Poor**	**Good**	**2017**

This data is sourced from the Environment Agency and Natural Resources Wales.

7 River and coastal flooding



Site Outline

Search buffers in metres (m)

River and coastal flooding:

- High
- Medium
- Low
- Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of flooding from rivers and the sea

Records within 50m	51

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on **page 145 >**

Distance	Flood risk category
On site	**High**
0 - 50m	High

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m	**0**

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m	**0**

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m	**0**

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

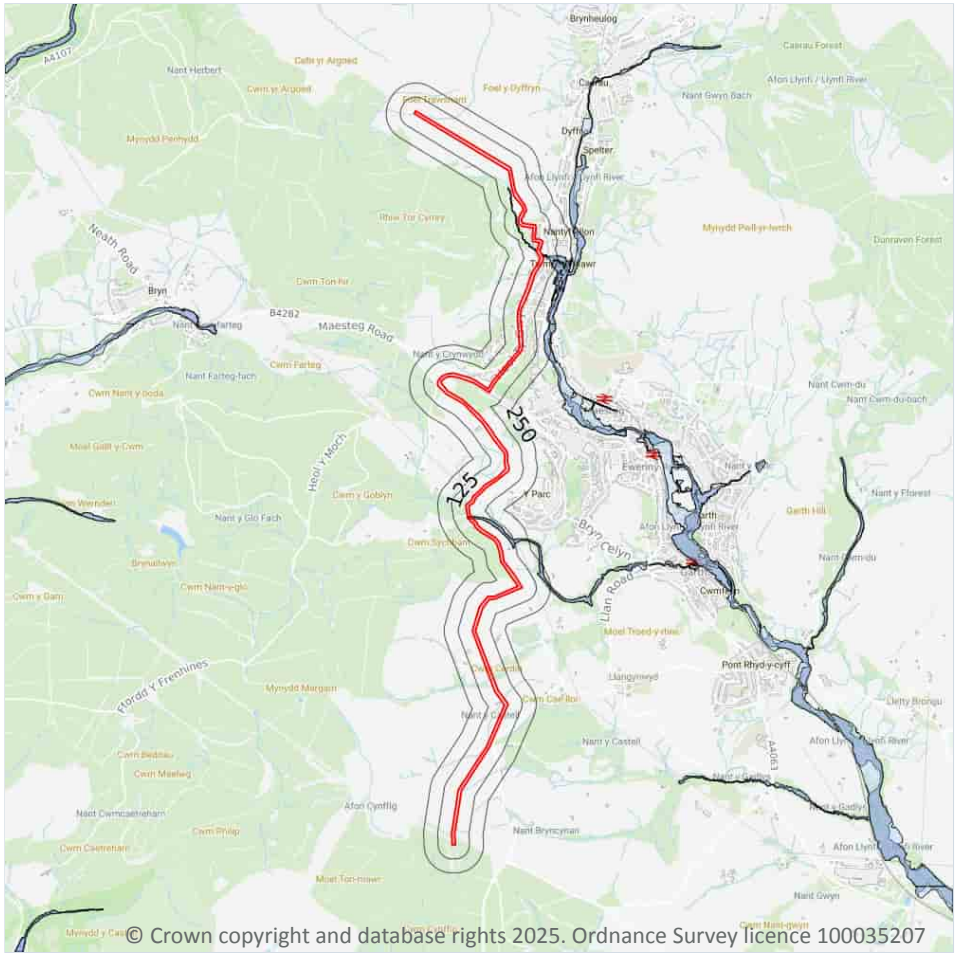
7.5 Flood Storage Areas

Records within 250m	**0**

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.

River and coastal flooding - Flood Zones



Site Outline

Search buffers in metres (m)

Flood zone 2

Flood zone 3

7.6 Flood Zone 2

Records within 50m	1

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

Features are displayed on the River and coastal flooding map on **page 145 >**

Location	Type
On site	**Zone 2 - (Fluvial /Tidal Models)**

This data is sourced from the Environment Agency and Natural Resources Wales.

7.7 Flood Zone 3

Records within 50m	1

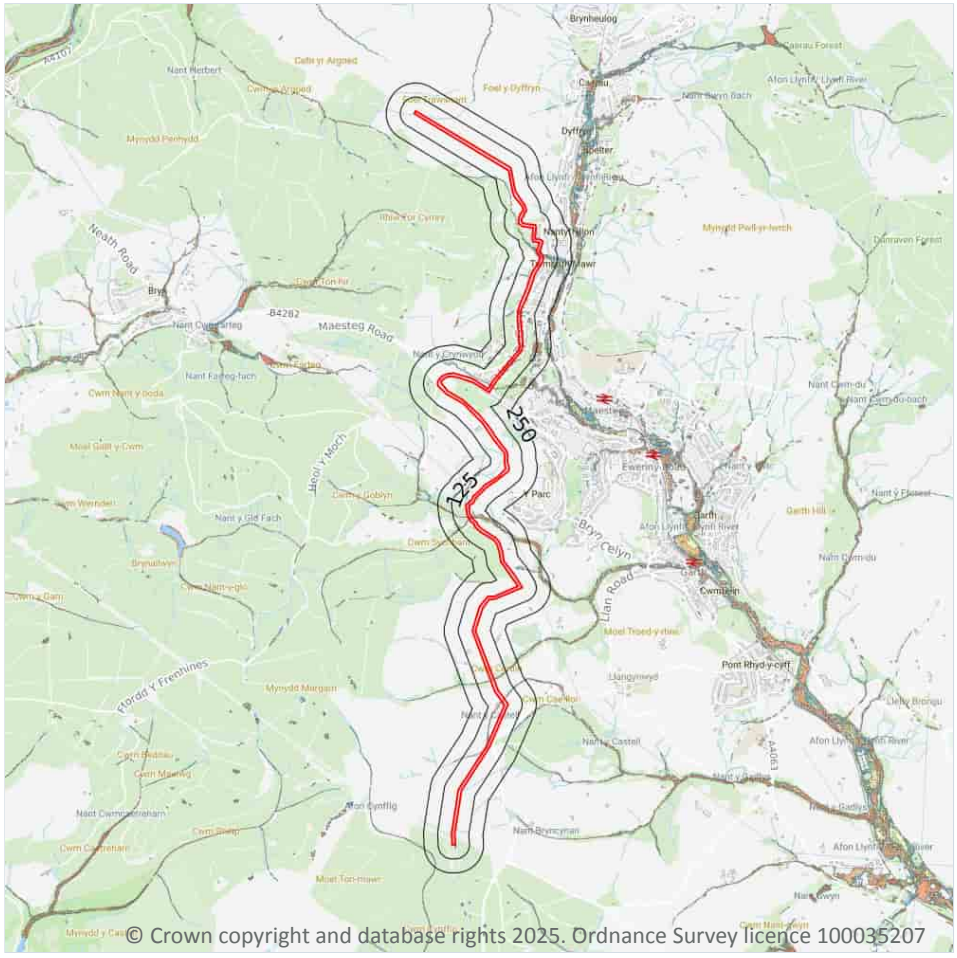
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on **page 145 >**

Location	Type
On site	**Zone 3 - (Fluvial /Tidal Models)**

This data is sourced from the Environment Agency and Natural Resources Wales.

8 Surface water flooding



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Site Outline

Search buffers in metres (m)

1 in 1000 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site	**1 in 30 year, Greater than 1.0m**
Highest risk within 50m	**1 in 30 year, Greater than 1.0m**

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 149 >**

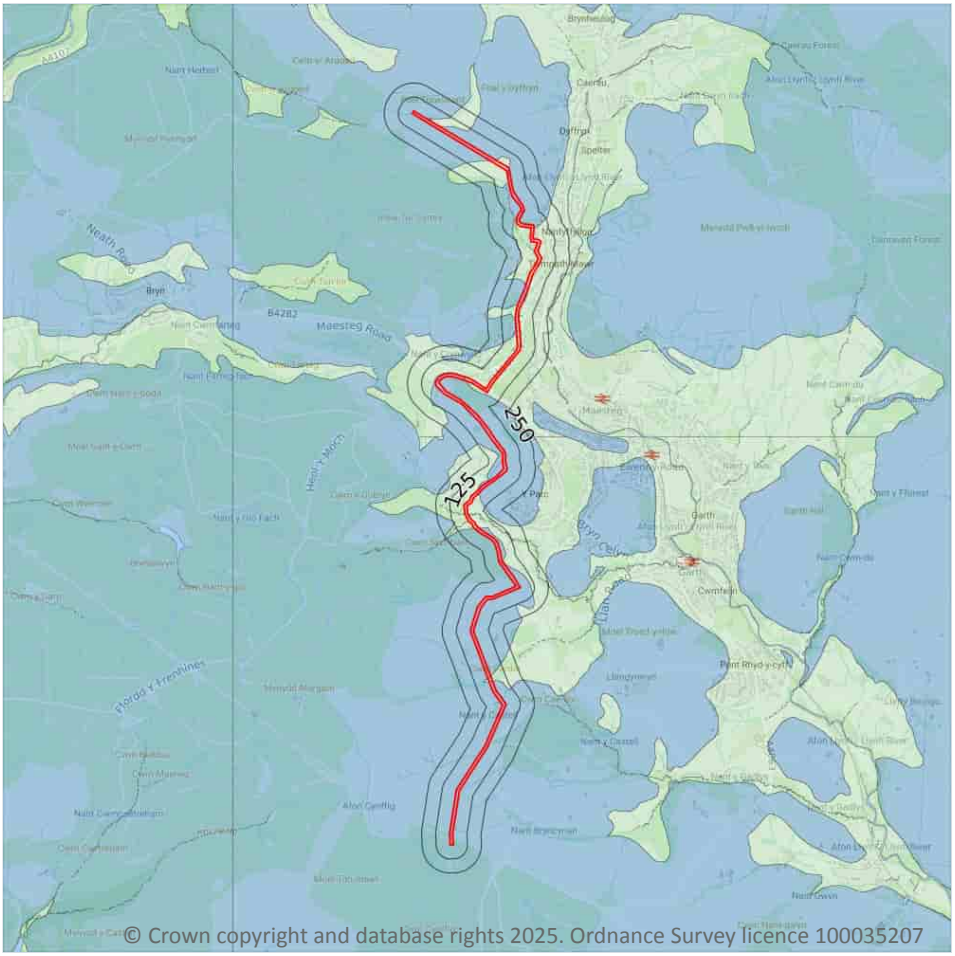
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on

a site. The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Greater than 1.0m
1 in 30 year	Greater than 1.0m

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



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Site Outline

Search buffers in metres (m)

High

Moderate - High

Moderate

Low

Negligible

9.1 Groundwater flooding

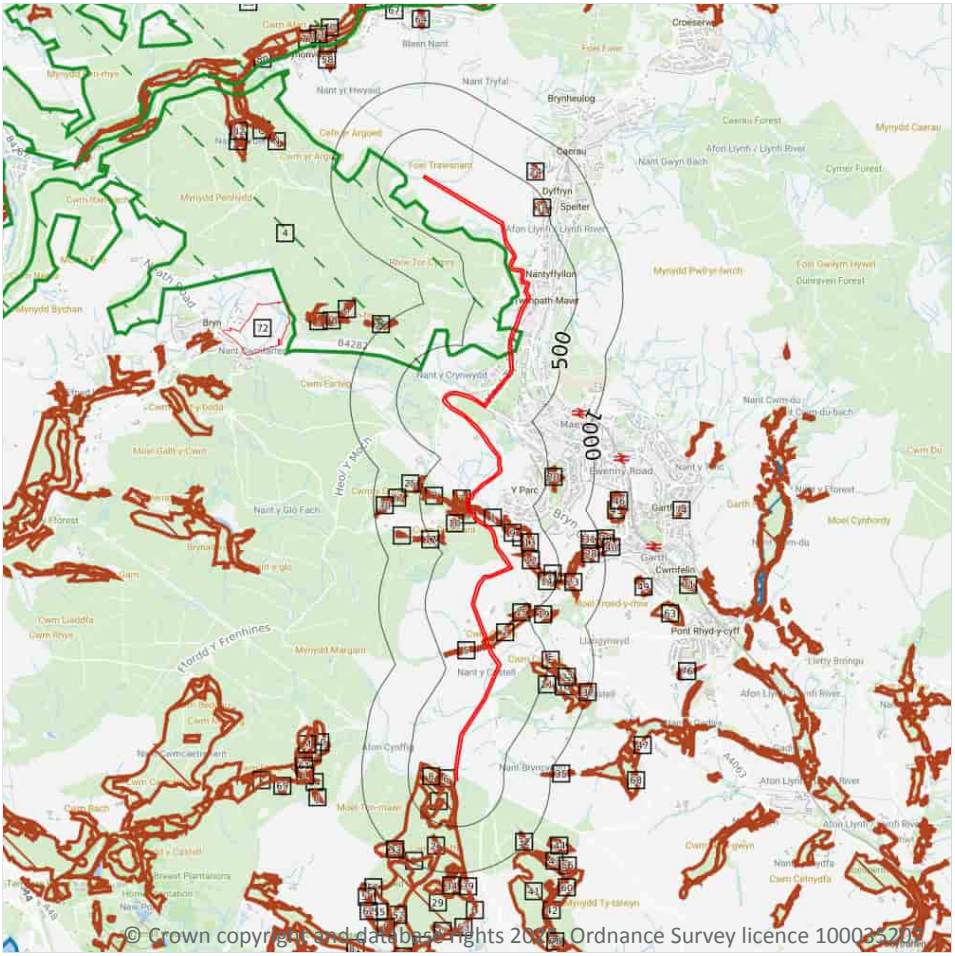
Highest risk on site	**Low**
Highest risk within 50m	**Low**

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 151 >**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



Site Outline

Search buffers in metres (m)

Sites of Special Scientific Interest (SSSI)

Local Nature Reserves (LNR)

Designated Ancient Woodland

Forest Parks

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m	0

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m	0

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m	0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m	1

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

Features are displayed on the Environmental designations map on **page 152 >**

ID	Location	Name	Data source
72	1840m NW	Bryn Tip	Natural Resources Wales

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m	127

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

Features are displayed on the Environmental designations map on **page 152 >**

ID	Location	Name	Woodland Type
1	**On site**	**Unknown**	**Ancient Semi Natural Woodland**
2	**On site**	**Unknown**	**Ancient Semi Natural Woodland**
3	**On site**	**Unknown**	**Ancient Semi Natural Woodland**
A	**On site**	**Unknown**	**Ancient Semi Natural Woodland**
A	**On site**	**Unknown**	**Plantation on Ancient Woodland Site**
B	4m S	Unknown	Ancient Semi Natural Woodland
5	18m S	Unknown	Ancient Semi Natural Woodland
C	50m S	Unknown	Restored Ancient Woodland Site
6	56m S	Unknown	Plantation on Ancient Woodland Site
D	62m S	Unknown	Plantation on Ancient Woodland Site
7	116m S	Unknown	Ancient Semi Natural Woodland

ID	Location	Name	Woodland Type
8	131m S	Unknown	Plantation on Ancient Woodland Site
9	132m S	Unknown	Ancient Semi Natural Woodland
10	154m SW	Unknown	Ancient Semi Natural Woodland
11	169m S	Unknown	Ancient Semi Natural Woodland
12	171m S	Unknown	Ancient Semi Natural Woodland
13	229m SE	Unknown	Ancient Semi Natural Woodland
C	252m S	Unknown	Plantation on Ancient Woodland Site
B	265m SW	Unknown	Plantation on Ancient Woodland Site
14	304m SE	Unknown	Ancient Semi Natural Woodland
15	324m S	Unknown	Ancient Semi Natural Woodland
B	337m SW	Unknown	Plantation on Ancient Woodland Site
16	338m S	Unknown	Restored Ancient Woodland Site
17	371m SW	Unknown	Plantation on Ancient Woodland Site
18	390m N	Unknown	Restored Ancient Woodland Site
B	393m SW	Unknown	Plantation on Ancient Woodland Site
E	502m S	Unknown	Restored Ancient Woodland Site
19	503m S	Unknown	Ancient Semi Natural Woodland
20	507m E	Unknown	Ancient Semi Natural Woodland
21	539m S	Unknown	Plantation on Ancient Woodland Site
E	550m S	Unknown	Restored Ancient Woodland Site
22	563m S	Unknown	Plantation on Ancient Woodland Site
23	592m SE	Unknown	Ancient Semi Natural Woodland
24	594m N	Unknown	Ancient Semi Natural Woodland
25	623m W	Unknown	Plantation on Ancient Woodland Site
26	646m S	Unknown	Restored Ancient Woodland Site
27	652m SW	Unknown	Ancient Semi Natural Woodland
28	679m SE	Unknown	Ancient Semi Natural Woodland
F	731m SW	Unknown	Plantation on Ancient Woodland Site

ID	Location	Name	Woodland Type
F	735m SW	Unknown	Restored Ancient Woodland Site
29	745m S	Unknown	Plantation on Ancient Woodland Site
30	800m SW	Unknown	Plantation on Ancient Woodland Site
31	823m SE	Unknown	Ancient Semi Natural Woodland
D	855m S	Unknown	Restored Ancient Woodland Site
32	887m S	Unknown	Ancient Semi Natural Woodland
33	893m S	Unknown	Plantation on Ancient Woodland Site
34	906m S	Unknown	Restored Ancient Woodland Site
35	916m S	Unknown	Restored Ancient Woodland Site
36	937m NW	Unknown	Plantation on Ancient Woodland Site
37	950m SE	Unknown	Restored Ancient Woodland Site
38	972m SE	Unknown	Ancient Semi Natural Woodland
39	980m S	Unknown	Restored Ancient Woodland Site
40	1027m SE	Unknown	Ancient Semi Natural Woodland
41	1036m S	Unknown	Plantation on Ancient Woodland Site
42	1143m S	Unknown	Ancient Semi Natural Woodland
43	1145m S	Unknown	Ancient Semi Natural Woodland
44	1187m S	Unknown	Plantation on Ancient Woodland Site
45	1190m SE	Unknown	Ancient Semi Natural Woodland
46	1213m E	Unknown	Ancient Semi Natural Woodland
G	1225m S	Unknown	Ancient Woodland Site of Unknown Category
G	1292m S	Unknown	Plantation on Ancient Woodland Site
47	1311m S	Unknown	Ancient Semi Natural Woodland
48	1315m NW	Unknown	Ancient Semi Natural Woodland
49	1335m SE	Unknown	Ancient Semi Natural Woodland
50	1378m SW	Unknown	Ancient Semi Natural Woodland
H	1394m NW	Unknown	Plantation on Ancient Woodland Site
H	1406m NW	Unknown	Restored Ancient Woodland Site

ID	Location	Name	Woodland Type
51	1419m S	Unknown	Plantation on Ancient Woodland Site
I	1454m NW	Unknown	Plantation on Ancient Woodland Site
52	1455m S	Unknown	Ancient Semi Natural Woodland
J	1455m SW	Unknown	Plantation on Ancient Woodland Site
53	1464m S	Unknown	Plantation on Ancient Woodland Site
54	1473m SW	Unknown	Plantation on Ancient Woodland Site
55	1475m S	Unknown	Plantation on Ancient Woodland Site
56	1477m S	Unknown	Ancient Semi Natural Woodland
57	1495m SW	Unknown	Ancient Semi Natural Woodland
K	1496m SW	Unknown	Plantation on Ancient Woodland Site
J	1501m SW	Unknown	Plantation on Ancient Woodland Site
58	1532m N	Unknown	Ancient Semi Natural Woodland
59	1532m S	Unknown	Restored Ancient Woodland Site
60	1534m S	Unknown	Plantation on Ancient Woodland Site
61	1535m SW	Unknown	Plantation on Ancient Woodland Site
L	1536m SW	Unknown	Plantation on Ancient Woodland Site
M	1549m SW	Unknown	Plantation on Ancient Woodland Site
62	1557m S	Unknown	Restored Ancient Woodland Site
N	1564m NW	Unknown	Plantation on Ancient Woodland Site
I	1571m NW	Unknown	Restored Ancient Woodland Site
O	1583m S	Unknown	Restored Ancient Woodland Site
63	1589m SE	Unknown	Restored Ancient Woodland Site
64	1595m N	Unknown	Ancient Semi Natural Woodland
L	1608m SW	Unknown	Plantation on Ancient Woodland Site
M	1611m SW	Unknown	Plantation on Ancient Woodland Site
I	1627m NW	Unknown	Restored Ancient Woodland Site
O	1631m S	Unknown	Restored Ancient Woodland Site
P	1644m S	Unknown	Restored Ancient Woodland Site

ID	Location	Name	Woodland Type
65	1672m N	Unknown	Ancient Semi Natural Woodland
N	1684m NW	Unknown	Ancient Semi Natural Woodland
Q	1690m NW	Unknown	Ancient Semi Natural Woodland
P	1698m S	Unknown	Plantation on Ancient Woodland Site
O	1705m S	Unknown	Plantation on Ancient Woodland Site
Q	1717m NW	Unknown	Plantation on Ancient Woodland Site
Q	1728m NW	Unknown	Ancient Semi Natural Woodland
Q	1738m NW	Unknown	Plantation on Ancient Woodland Site
Q	1743m NW	Unknown	Ancient Semi Natural Woodland
67	1766m N	Unknown	Plantation on Ancient Woodland Site
68	1773m SE	Unknown	Ancient Semi Natural Woodland
R	1777m S	Unknown	Restored Ancient Woodland Site
R	1781m S	Unknown	Ancient Semi Natural Woodland
69	1785m SW	Unknown	Plantation on Ancient Woodland Site
70	1817m N	Unknown	Plantation on Ancient Woodland Site
P	1820m S	Unknown	Restored Ancient Woodland Site
71	1839m SE	Unknown	Ancient Semi Natural Woodland
73	1870m N	Unknown	Plantation on Ancient Woodland Site
74	1874m E	Unknown	Ancient Semi Natural Woodland
S	1876m N	Unknown	Ancient Semi Natural Woodland
75	1880m S	Unknown	Ancient Semi Natural Woodland
-	1898m N	Unknown	Ancient Semi Natural Woodland
S	1900m N	Unknown	Ancient Semi Natural Woodland
76	1908m SE	Unknown	Ancient Semi Natural Woodland
-	1909m N	Unknown	Ancient Semi Natural Woodland
77	1927m NW	Unknown	Plantation on Ancient Woodland Site
78	1929m S	Unknown	Plantation on Ancient Woodland Site
K	1930m SW	Unknown	Plantation on Ancient Woodland Site

ID	Location	Name	Woodland Type
79	1937m NW	Unknown	Plantation on Ancient Woodland Site
80	1972m NW	Unknown	Ancient Semi Natural Woodland
81	1982m S	Unknown	Ancient Semi Natural Woodland
82	1990m NW	Unknown	Plantation on Ancient Woodland Site

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m	**0**

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m	**2**

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

Features are displayed on the Environmental designations map on **page 152 >**

ID	Location	Name
4	**On site**	**Afan Argoed**
66	1709m N	Afan Argoed

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m	**0**

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m	0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m	0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m	0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m	0

Special Protection Areas (SPAs) are areas designated (or ‘classified’) under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m	0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas.

The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m	0

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

This data is sourced from Natural England and Natural Resources Wales.

SSSI Impact Zones and Units

10.17 SSSI Impact Risk Zones

Records on site	0

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

This data is sourced from Natural England.

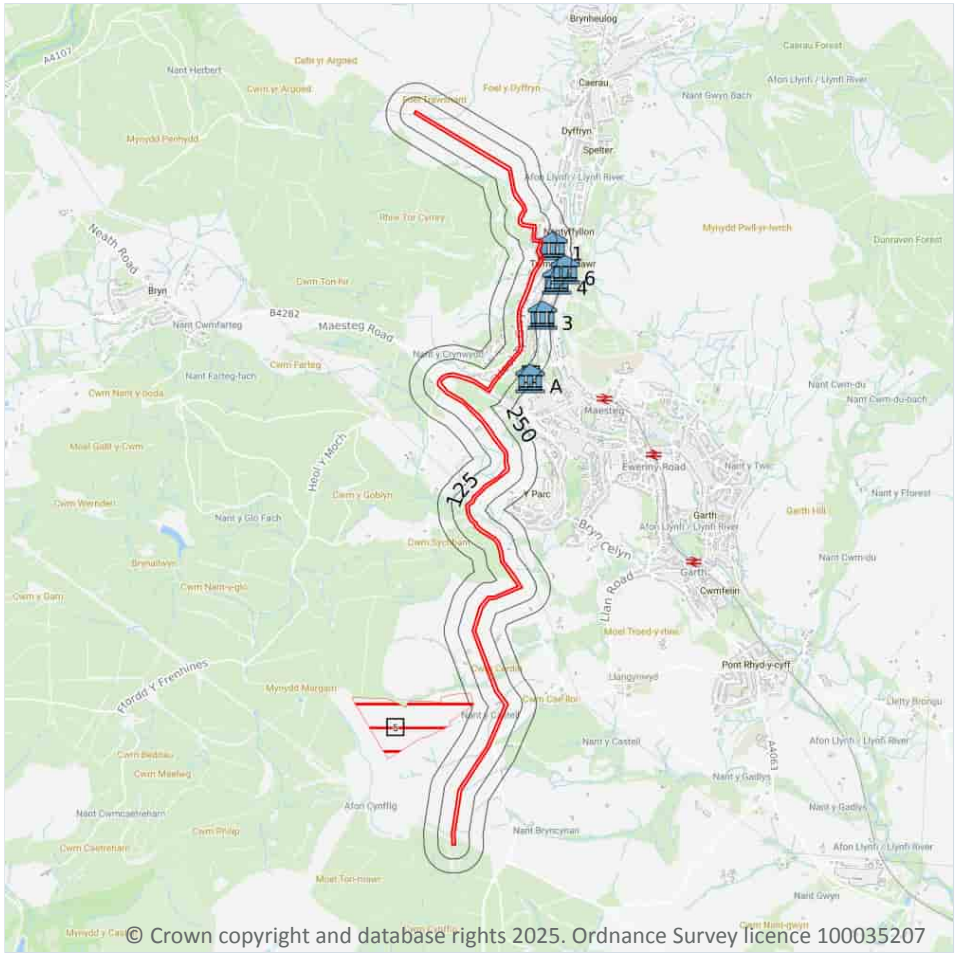
10.18 SSSI Units

Records within 2000m	0

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.

11 Visual and cultural designations



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Site Outline

Search buffers in metres (m)

- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

11.1 World Heritage Sites

Records within 250m	0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m	0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m	0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m	5

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

Features are displayed on the Visual and cultural designations map on **page 163 >**

ID	Location	Name	Grade	Reference Number	Listed date
1	92m N	Salem Welsh Baptist Chapel, Located In A Row Of Terraced Housing, And Set Behind A Narrow Front Railed Area.	II*	18495	14/07/1997
3	191m N	Capel Saron, Located In An Elevated Position Above High Street, At The N End Of Maesteg, And Accessed By A Small Road To The Forge Factory Estate.	II	18496	14/07/1997
4	197m N	Siloh Independent Chapel, Set In The Centre Of Nantyffyllon, And Set Back Behind An Iron Railed Forecourt.	II	11356	28/02/1989

ID	Location	Name	Grade	Reference Number	Listed date
6	214m N	Nantyffyllon Workmen's Institute, Located Onto The New Road, N Of Maesteg, And Backing On The The Great Western Railway Line.	II	18507	14/07/1997
A	220m NE	Blast Furnace At Maesteg Sports Centre, Located Immediately N Of The 'Cornstores', By The Car Park For The Sports Centre.	II	18492	14/07/1997

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m	0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m	3

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

Features are displayed on the Visual and cultural designations map on **page 163 >**

ID	Location	Ancient monument name	Reference number
2	172m NE	Maesteg blast furnaces	390
A	203m NE	Maesteg blast furnaces	390
5	207m S	Y Bwlwarcau	4353

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

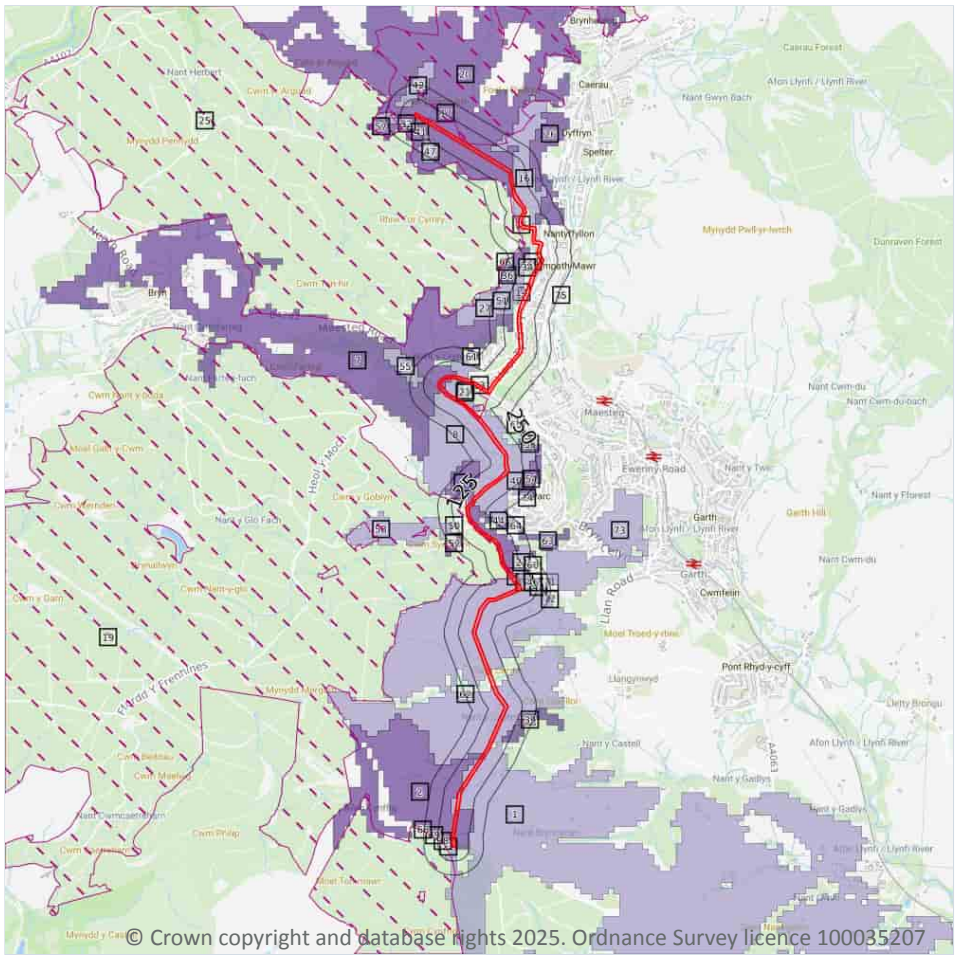
11.7 Registered Parks and Gardens

Records within 250m	0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12 Agricultural designations



Site Outline

Search buffers in metres (m)

- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Timber felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m	53

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 167 >**

ID	Location	Classification	Description
1	On site	Grade 4	Poor quality agricultural land
2	On site	Grade 5	Very poor quality agricultural land
4	On site	Grade 5	Very poor quality agricultural land

ID	Location	Classification	Description
5	**On site**	**Grade 5**	**Very poor quality agricultural land**
7	**On site**	**Grade 5**	**Very poor quality agricultural land**
8	**On site**	**Grade 4**	**Poor quality agricultural land**
9	**On site**	**Grade 5**	**Very poor quality agricultural land**
13	**On site**	**Grade 4**	**Poor quality agricultural land**
14	**On site**	**Grade 5**	**Very poor quality agricultural land**
15	**On site**	**Grade 4**	**Poor quality agricultural land**
16	**On site**	**Grade 4**	**Poor quality agricultural land**
17	**On site**	**Grade 5**	**Very poor quality agricultural land**
22	7m S	Grade 4	Poor quality agricultural land
23	9m S	Grade 4	Poor quality agricultural land
26	19m N	Grade 5	Very poor quality agricultural land
27	19m N	Grade 4	Poor quality agricultural land
28	22m N	Grade 5	Very poor quality agricultural land
32	31m N	Grade 4	Poor quality agricultural land
34	39m N	Grade 5	Very poor quality agricultural land
35	43m N	Grade 5	Very poor quality agricultural land
36	44m N	Grade 5	Very poor quality agricultural land
38	55m S	Grade 4	Poor quality agricultural land
39	56m S	Grade 5	Very poor quality agricultural land
40	60m SE	Grade 5	Very poor quality agricultural land
41	64m N	Grade 4	Poor quality agricultural land
42	66m N	Grade 4	Poor quality agricultural land
43	69m S	Grade 5	Very poor quality agricultural land
44	71m S	Grade 5	Very poor quality agricultural land
46	81m S	Grade 4	Poor quality agricultural land
47	81m N	Grade 4	Poor quality agricultural land
49	104m S	Grade 4	Poor quality agricultural land

ID	Location	Classification	Description
50	106m SW	Grade 5	Very poor quality agricultural land
51	113m N	Grade 5	Very poor quality agricultural land
52	118m S	Grade 5	Very poor quality agricultural land
54	130m SE	Grade 5	Very poor quality agricultural land
55	131m NW	Grade 4	Poor quality agricultural land
56	133m E	Grade 5	Very poor quality agricultural land
57	142m N	Grade 5	Very poor quality agricultural land
58	152m SW	Grade 4	Poor quality agricultural land
60	159m S	Grade 5	Very poor quality agricultural land
61	166m N	Grade 5	Very poor quality agricultural land
62	170m S	Grade 5	Very poor quality agricultural land
63	175m S	Grade 5	Very poor quality agricultural land
64	183m S	Grade 4	Poor quality agricultural land
65	186m NE	Grade 4	Poor quality agricultural land
66	194m N	Grade 4	Poor quality agricultural land
68	206m S	Grade 4	Poor quality agricultural land
B	219m S	Grade 5	Very poor quality agricultural land
71	223m SE	Grade 5	Very poor quality agricultural land
72	226m S	Grade 5	Very poor quality agricultural land
73	238m SE	Grade 4	Poor quality agricultural land
74	239m SE	Grade 4	Poor quality agricultural land
75	241m NE	Grade 5	Very poor quality agricultural land

This data is sourced from Natural Resources Wales.

12.2 Open Access Land

Records within 250m	**5**

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path.

Generally permitted activities on access land are walking, running, watching wildlife and climbing.

Features are displayed on the Agricultural designations map on **page 167 >**

ID	Location	Name	Classification	Other relevant legislation
19	**On site**	**-**	**NRW Public Forest 2014**	**-**
20	**On site**	**-**	**Open Access Open Country**	**-**
21	**On site**	**-**	**Open Access Open Country**	**-**
25	17m N	-	NRW Public Forest 2014	-
A	51m S	-	NRW Public Forest 2014	-

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m	**0**

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	**0**

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m	**0**

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.

13 Habitat designations

13.1 Priority Habitat Inventory

Records within 250m	0

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

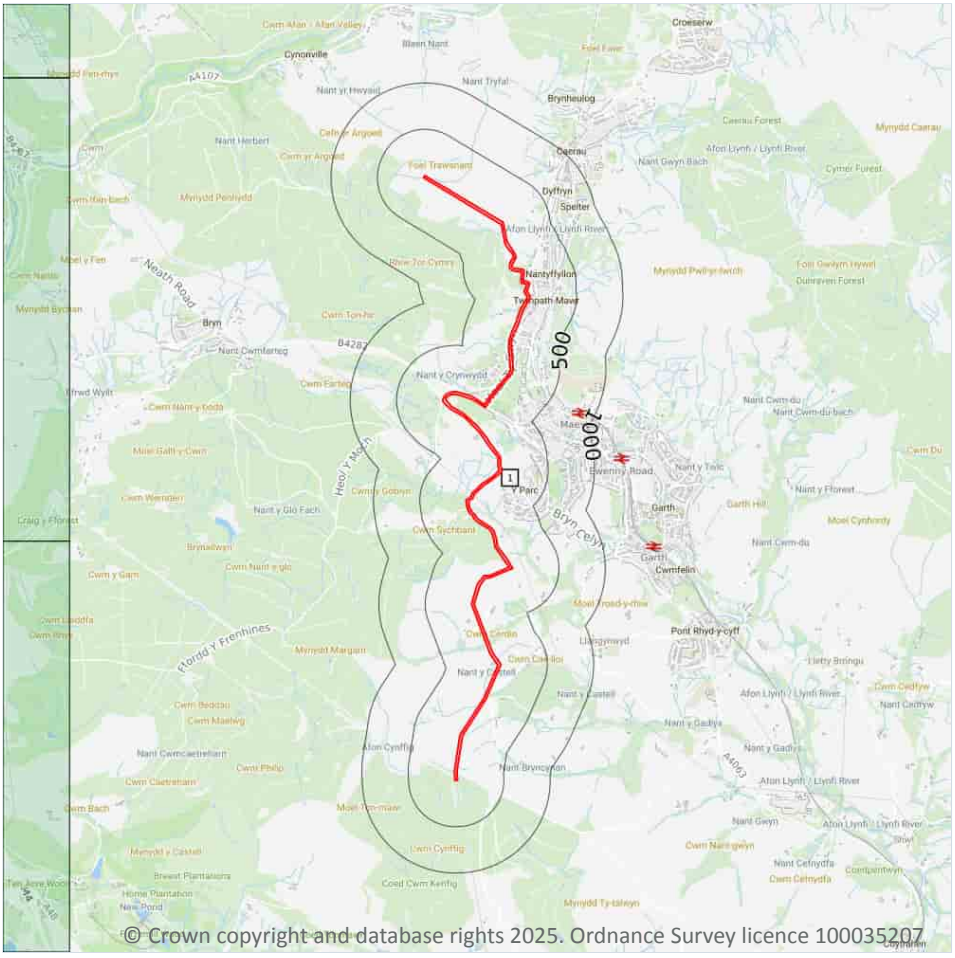
13.4 Limestone Pavement Orders

Records within 250m	0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



Site Outline

Search buffers in metres (m)

Full coverage

Partial coverage

No coverage

14.1 10k Availability

Records within 500m	1

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 172 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**No coverage**	**No coverage**	**No coverage**	**No coverage**	**NoCov**

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Artificial and made ground

14.2 Artificial and made ground (10k)

Records within 500m	0

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial

14.3 Superficial geology (10k)

Records within 500m	0

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m	0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Bedrock

14.5 Bedrock geology (10k)

Records within 500m	0

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

This data is sourced from the British Geological Survey.

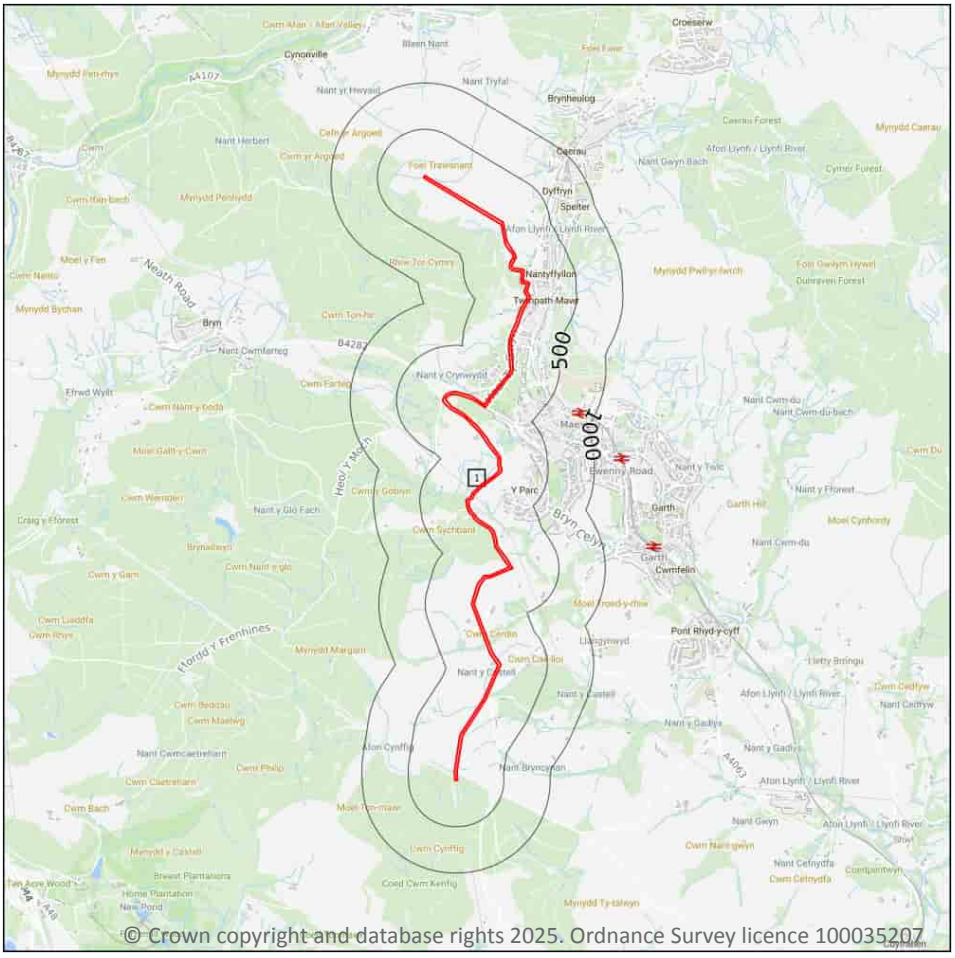
14.6 Bedrock faults and other linear features (10k)

Records within 500m	0

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.

15 Geology 1:50,000 scale - Availability



Site Outline

Search buffers in metres (m)

Geological map tile

15.1 50k Availability

Records within 500m	1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme. Where 50k data is not available, this area has been filled in with 625k scale data.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 176 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**No coverage**	**Full**	**Full**	**Full**	**EW248_pontypridd_v4**

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Artificial and made ground

15.2 Artificial and made ground (50k)

Records within 500m	0

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.

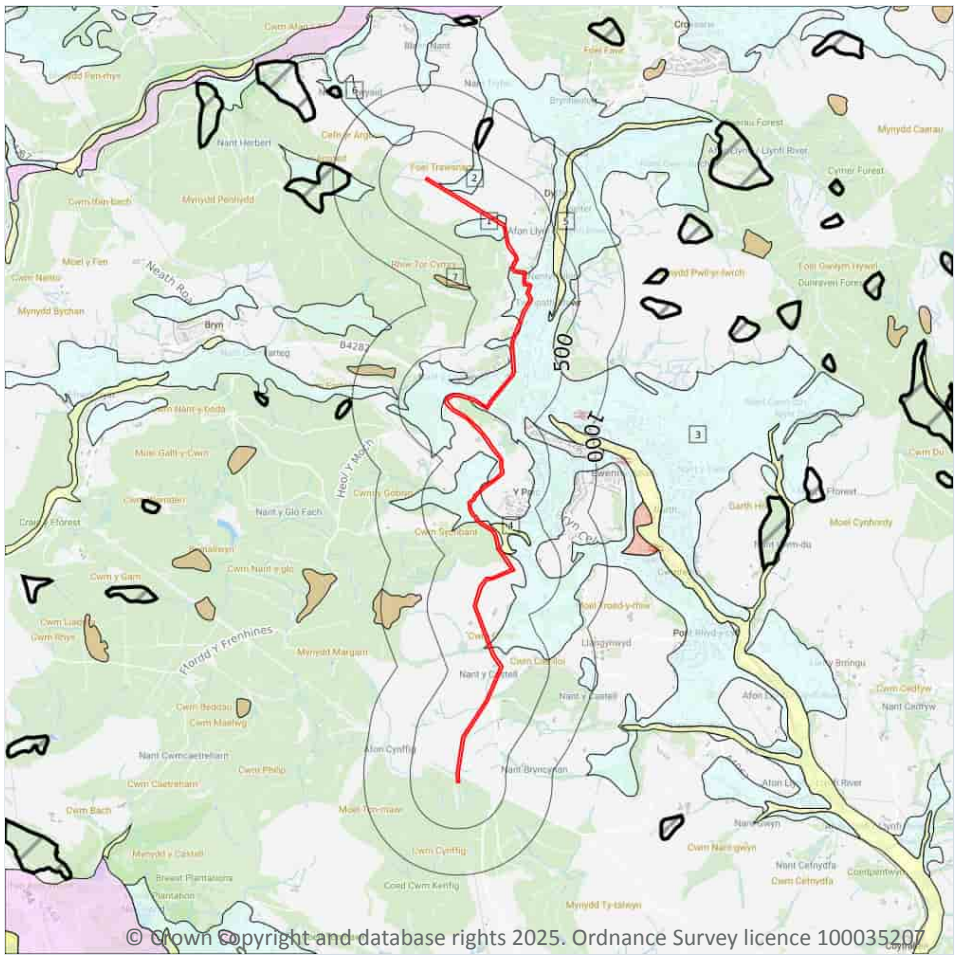
15.3 Artificial ground permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m **7**

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 178 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**TILLD-DMTN**	**TILL, DEVENSIAN**	**DIAMICTON**
2	**On site**	**TILLD-DMTN**	**TILL, DEVENSIAN**	**DIAMICTON**

ID	Location	LEX Code	Description	Rock description
3	**On site**	**TILLD-DMTN**	**TILL, DEVENSIAN**	**DIAMICTON**
4	10m S	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
5	227m NE	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
6	433m N	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
7	479m N	PEAT-P	PEAT	PEAT

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	**7**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Mixed**	**High**	**Low**
On site	**Mixed**	**High**	**Low**
On site	**Mixed**	**High**	**Low**
On site	**Mixed**	**High**	**Low**
10m S	Intergranular	High	Very Low
19m S	Intergranular	High	Very Low
28m N	Mixed	High	Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	**0**

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

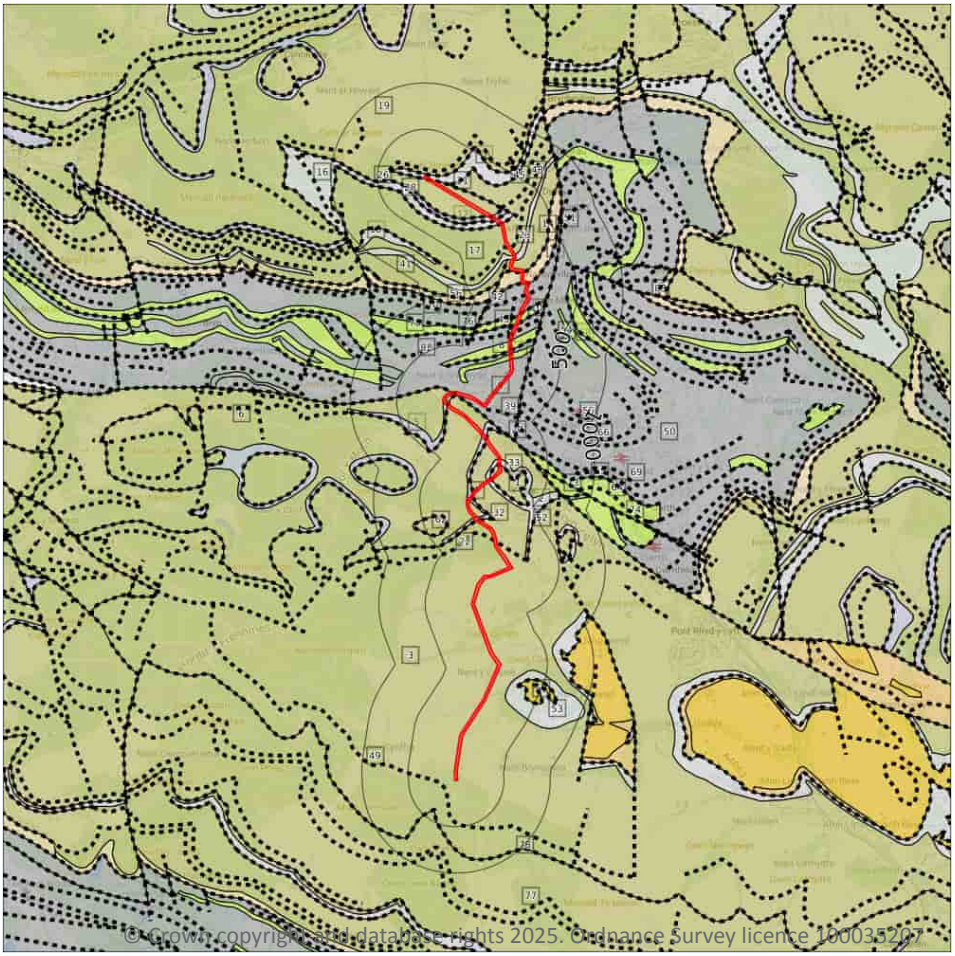
15.7 Landslip permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m	33

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 181 >**

ID	Location	LEX Code	Description	Rock age
1	On site	BD-SDST	BRITHDIR MEMBER - SANDSTONE	WESTPHALIAN
2	On site	BD-MDSS	BRITHDIR MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
3	On site	BD-SDST	BRITHDIR MEMBER - SANDSTONE	WESTPHALIAN

ID	Location	LEX Code	Description	Rock age
4	**On site**	**RA-MDSS**	**RHONDDA MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE**	**WESTPHALIAN**
5	**On site**	**RA-MDSS**	**RHONDDA MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE**	**WESTPHALIAN**
6	**On site**	**RA-SDST**	**RHONDDA MEMBER - SANDSTONE**	**WESTPHALIAN**
7	**On site**	**SWMCM-SDST**	**SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE**	**WESTPHALIAN**
8	**On site**	**SWMCM-SDST**	**SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE**	**WESTPHALIAN**
9	**On site**	**SWMCM-MDSS**	**SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE**	**WESTPHALIAN**
10	**On site**	**SWMCM-SDST**	**SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE**	**WESTPHALIAN**
11	**On site**	**SWMCM-MDSS**	**SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE**	**WESTPHALIAN**
12	**On site**	**RA-MDSS**	**RHONDDA MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE**	**WESTPHALIAN**
13	**On site**	**SWUCM-MDSS**	**SOUTH WALES UPPER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE**	**WESTPHALIAN**
14	**On site**	**LLFB-SDST**	**LLYNFI MEMBER - SANDSTONE**	**WESTPHALIAN**
15	**On site**	**LLFB-MDSS**	**LLYNFI MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE**	**WESTPHALIAN**
16	**On site**	**LLFB-MDSS**	**LLYNFI MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE**	**WESTPHALIAN**
17	**On site**	**LLFB-SDST**	**LLYNFI MEMBER - SANDSTONE**	**WESTPHALIAN**
18	**On site**	**LLFB-MDSS**	**LLYNFI MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE**	**WESTPHALIAN**
19	**On site**	**RA-SDST**	**RHONDDA MEMBER - SANDSTONE**	**WESTPHALIAN**
41	39m N	LLFB-SDST	LLYNFI MEMBER - SANDSTONE	WESTPHALIAN
43	48m N	SWMCM-SDST	SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
50	145m NE	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
53	170m S	BD-MDSS	BRITHDIR MEMBER - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN

ID	Location	LEX Code	Description	Rock age
56	197m N	SWUCM-MDSS	SOUTH WALES UPPER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
59	256m S	H-SDST	HUGHES MEMBER - SANDSTONE	WESTPHALIAN
62	258m SW	BD-SDST	BRITHDIR MEMBER - SANDSTONE	WESTPHALIAN
64	259m E	SWMCM-SDST	SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
68	331m NE	SWMCM-SDST	SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
70	345m N	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
73	376m E	SWMCM-SDST	SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
75	385m N	SWMCM-SDST	SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
77	389m S	RA-SDST	RHONDDA MEMBER - SANDSTONE	WESTPHALIAN
79	394m NE	SWMCM-SDST	SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m **19**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Fracture**	**High**	**Moderate**
On site	**Fracture**	**High**	**Moderate**
On site	**Fracture**	**High**	**Moderate**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**High**	**Moderate**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**High**	**Moderate**
On site	**Fracture**	**High**	**Moderate**
On site	**Fracture**	**High**	**Moderate**
On site	**Fracture**	**High**	**Moderate**
On site	**Fracture**	**High**	**Moderate**
On site	**Fracture**	**Moderate**	**Low**
28m N	Fracture	Moderate	Low
41m N	Fracture	Moderate	Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	**51**

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 181 >**

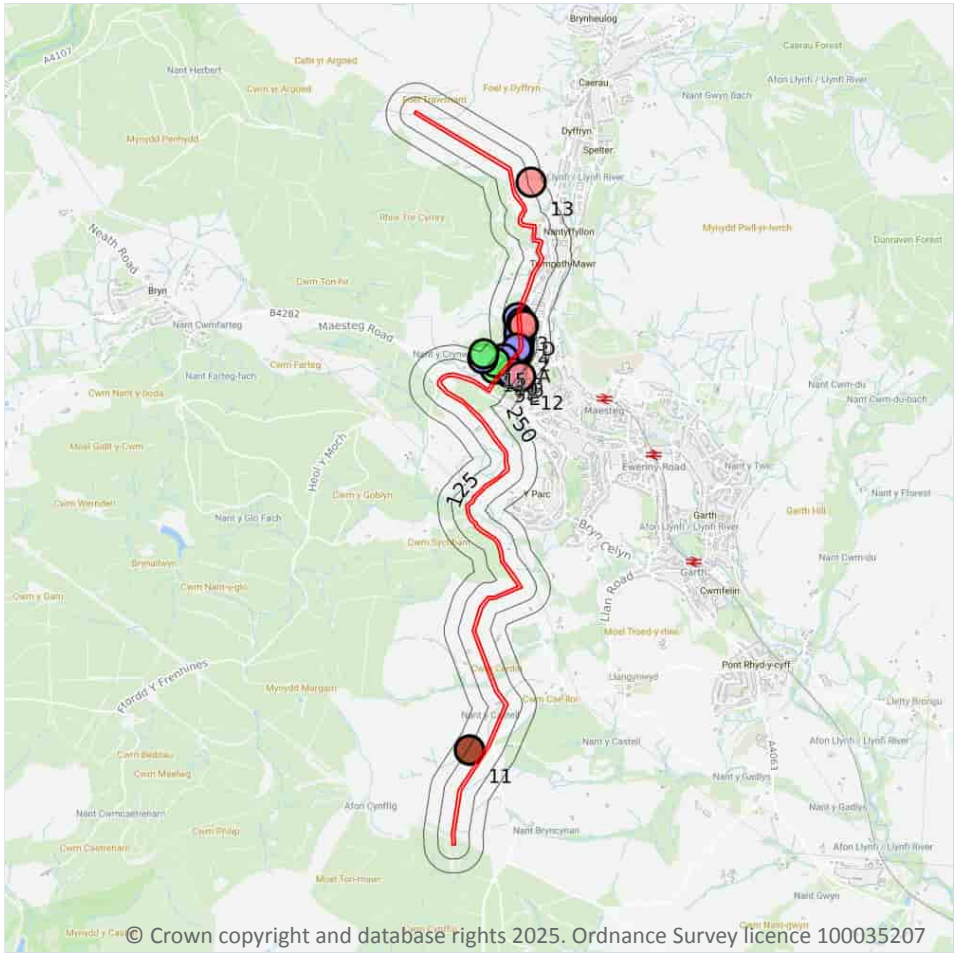
ID	Location	Category	Description
20	**On site**	**FAULT**	**Fault, inferred, displacement unknown**
21	**On site**	**FAULT**	**Fault, inferred, displacement unknown**
22	**On site**	**ROCK**	**Coal seam, inferred**
23	**On site**	**ROCK**	**Coal seam, inferred**
24	**On site**	**FOSSIL_HORIZON**	**Marine band**
25	**On site**	**ROCK**	**Coal seam, inferred**
26	**On site**	**ROCK**	**Coal seam, inferred**
27	**On site**	**ROCK**	**Coal seam, inferred**

ID	Location	Category	Description
28	**On site**	**ROCK**	**Coal seam, inferred**
29	**On site**	**ROCK**	**Coal seam, inferred**
30	**On site**	**ROCK**	**Coal seam, inferred**
31	**On site**	**ROCK**	**Coal seam, inferred**
32	**On site**	**ROCK**	**Coal seam, inferred**
33	**On site**	**ROCK**	**Coal seam, inferred**
34	**On site**	**ROCK**	**Coal seam, inferred**
35	**On site**	**ROCK**	**Coal seam, inferred**
36	**On site**	**ROCK**	**Coal seam, inferred**
37	6m N	FAULT	Fault, inferred, displacement unknown
38	19m N	ROCK	Coal seam, inferred
39	21m N	ROCK	Coal seam, inferred
40	23m N	ROCK	Coal seam, inferred
42	39m N	FAULT	Fault, inferred, displacement unknown
44	48m N	ROCK	Coal seam, inferred
45	53m N	ROCK	Coal seam, inferred
46	67m N	ROCK	Coal seam, inferred
47	68m N	ROCK	Coal seam, inferred
48	123m N	ROCK	Coal seam, inferred
49	139m S	ROCK	Coal seam, inferred
51	145m NE	FAULT	Fault, inferred, displacement unknown
52	164m S	ROCK	Coal seam, inferred
54	172m N	ROCK	Coal seam, inferred
55	189m NE	ROCK	Coal seam, inferred
57	197m N	ROCK	Coal seam, inferred
58	221m N	ROCK	Coal seam, inferred
60	256m S	ROCK	Coal seam, inferred
61	256m S	ROCK	Coal seam, observed

ID	Location	Category	Description
63	258m SW	ROCK	Coal seam, inferred
65	259m E	ROCK	Coal seam, inferred
66	260m NE	ROCK	Coal seam, inferred
67	316m NE	ROCK	Coal seam, inferred
69	342m NE	ROCK	Coal seam, inferred
71	345m N	FOSSIL_HORIZON	Marine band
72	368m N	ROCK	Coal seam, inferred
74	376m E	FAULT	Fault, inferred, displacement unknown
76	385m N	ROCK	Coal seam, inferred
78	389m S	ROCK	Coal seam, inferred
80	394m NE	ROCK	Coal seam, inferred
81	401m N	ROCK	Coal seam, inferred
82	430m N	ROCK	Coal seam, inferred
83	445m N	FAULT	Fault, inferred, displacement unknown
84	477m NE	FOSSIL_HORIZON	Marine band

This data is sourced from the British Geological Survey.

16 Boreholes



Site Outline

Search buffers in metres (m)

Confidential

0 - 10m

10 - 30m

30m+

Unknown

16.1 BGS Boreholes

Records within 250m	33

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on **page 187 >**

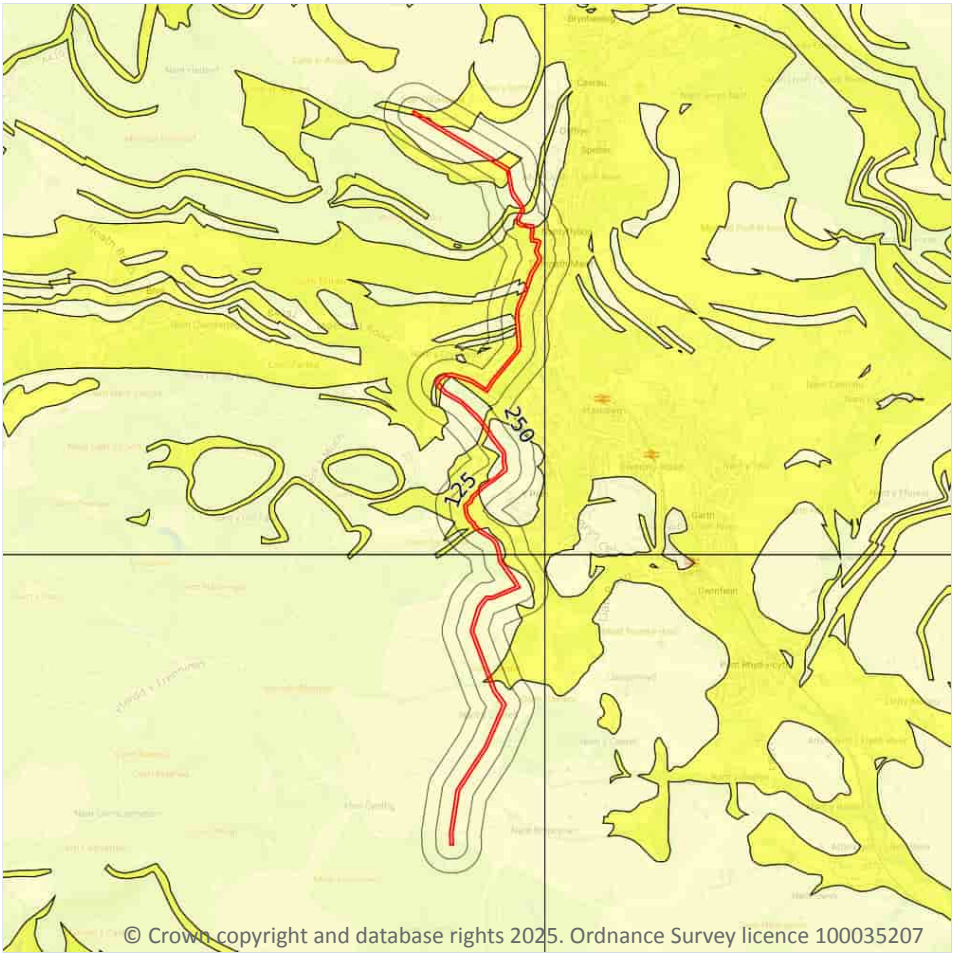
ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	284630 191670	DYFFRYN PIT, 4	14.27	N	373302 ↗
2	On site	284760 191920	DYFFRYN PIT, TP.11	1.3	N	373303 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
3	**On site**	**284740 192110**	**DYFFRYN PIT, TP.12**	**1.3**	**N**	**373304**
4	**On site**	**284750 191970**	**TY-GWYN MAESTEG BH6**	**7.0**	**N**	**373313**
5	**On site**	**284660 191700**	**DRYFFYN PIT TP14**	**2.2**	**N**	**15949280**
A	**On site**	**284750 191820**	**DRYFFYN PIT TP9**	**1.7**	**N**	**15949277**
A	**On site**	**284730 191780**	**DRYFFYN PIT TP10**	**1.7**	**N**	**15949278**
B	**On site**	**284690 191740**	**DRYFFYN PIT TP13**	**2.0**	**N**	**15949279**
A	**On site**	**284710 191770**	**DYFFRYN PIT, 1**	**26.57**	**N**	**373299**
A	**On site**	**284710 191770**	**DRYFFYN PIT TP4**	**1.0**	**N**	**15949273**
B	3m N	284690 191750	DRYFFYN PIT TP5	1.7	N	15949274
A	3m N	284730 191800	DYFFRYN PIT, TP.3	1.8	N	373301
B	5m N	284670 191730	DYFFRYN PIT, 3	12.14	N	373305
A	6m N	284750 191850	DYFFRYN PIT, 2	12.7	N	373300
C	8m N	284650 191650	MAESTEG PARK BH3	7.0	N	373316
D	9m N	284780 192060	DYFFRYN PIT, NO 3, MAESTEG	292.02	N	373319
A	9m N	284730 191810	DRYFFYN PIT TP8	1.5	N	15949276
6	14m N	284700 191700	DYFFRYN PIT, BOX SITE	-1.0	N	373306
A	15m N	284730 191820	DRYFFYN PIT TP2	1.5	N	15949272
7	17m N	284630 191700	DRYFFYN PIT TP7	1.6	N	15949275
C	17m N	284670 191660	MAESTEG PARK BH2	6.0	N	373315
D	17m N	284790 192040	DUFFRYN PIT	291.69	N	373291
A	24m N	284730 191840	DRYFFYN PIT TP1	2.0	N	15949271
E	42m N	284670 191620	MAESTEG PARK BH4	6.0	N	373317
8	50m N	284620 191740	TY-GWYN MAESTEG BH5	10.0	N	373312

ID	Location	Grid reference	Name	Length	Confidential	Web link
9	53m N	284540 191650	TY-GWYN MAESTEG BH3	20.0	N	373310 ↗
E	58m N	284690 191620	MAESTEG PARK BH1	6.0	N	373314 ↗
10	92m N	284540 191710	TY-GWYN MAESTEG BH4	17.25	N	373311 ↗
11	111m S	284310 188260	LLANGYNWYD	-1.0	N	372673 ↗
12	145m N	284770 191580	DUFFRYN MADOC COLLIERY, GIN PIT	99.97	N	373294 ↗
13	153m N	284860 193310	COEGNANT COLLIERTY 3 & 4 (UP & DOWN)	35.05	N	373295 ↗
14	195m N	284430 191740	TY-GWYN MAESTEG BH2	10.0	N	373309 ↗
15	220m N	284440 191790	TY-GWYN MAESTEG BH1	25.0	N	373308 ↗

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



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Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.1 Shrink swell clays

Records within 50m	5

The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

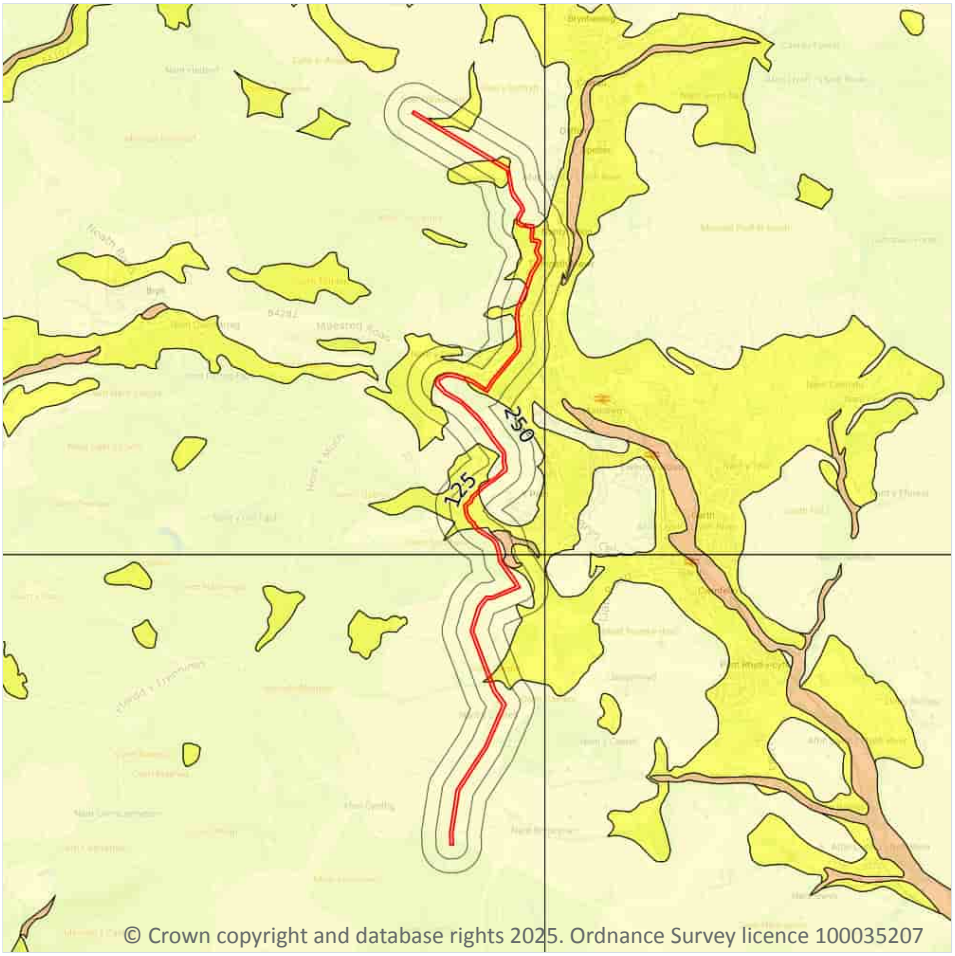
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 190 >**

Location	Hazard rating	Details
On site	**Negligible**	**Ground conditions predominantly non-plastic.**
On site	**Very low**	**Ground conditions predominantly low plasticity.**
3m N	Negligible	Ground conditions predominantly non-plastic.

Location	Hazard rating	Details
4m N	Negligible	Ground conditions predominantly non-plastic.
28m N	Very low	Ground conditions predominantly low plasticity.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.2 Running sands

Records within 50m	5

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on **page 192 >**

Location	Hazard rating	Details
On site	**Negligible**	**Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.**

Location	Hazard rating	Details
On site	**Very low**	**Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.**
10m S	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
19m S	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
28m N	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m	4

The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

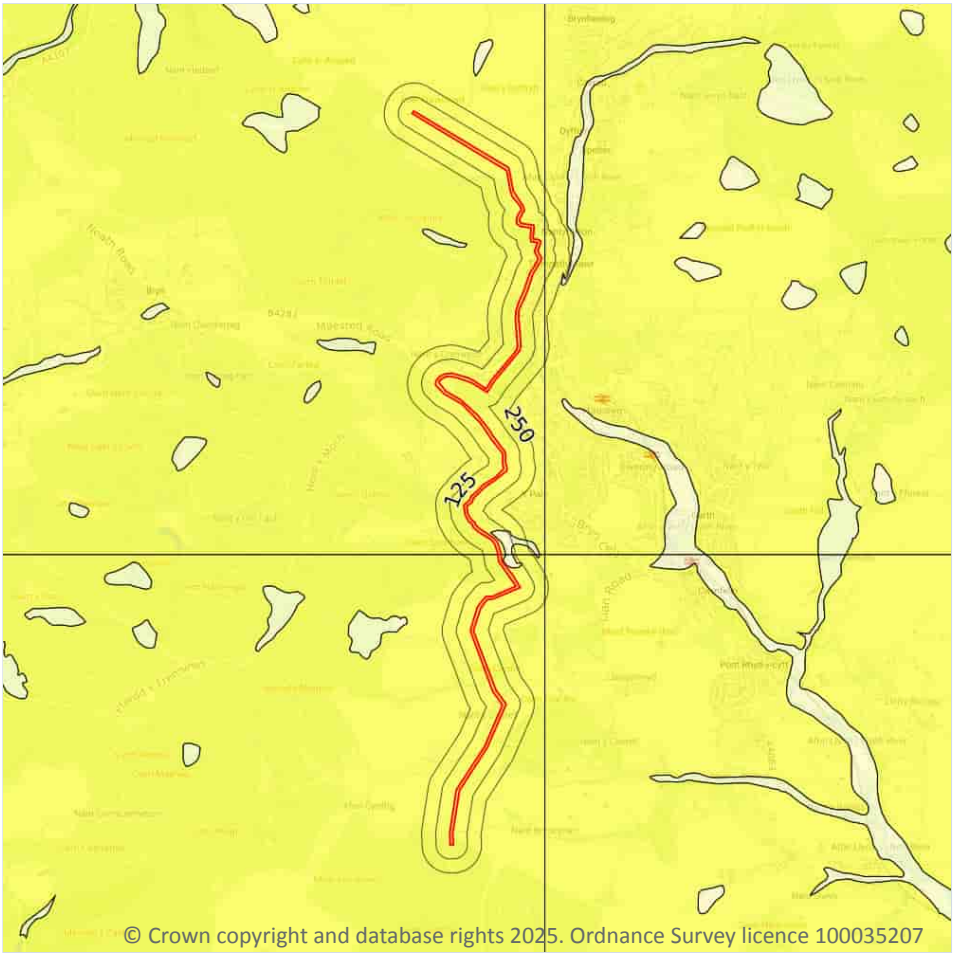
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 194 >**

Location	Hazard rating	Details
On site	**Negligible**	**Compressible strata are not thought to occur.**
10m S	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

Location	Hazard rating	Details
19m S	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.
28m N	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.4 Collapsible deposits

Records within 50m	4

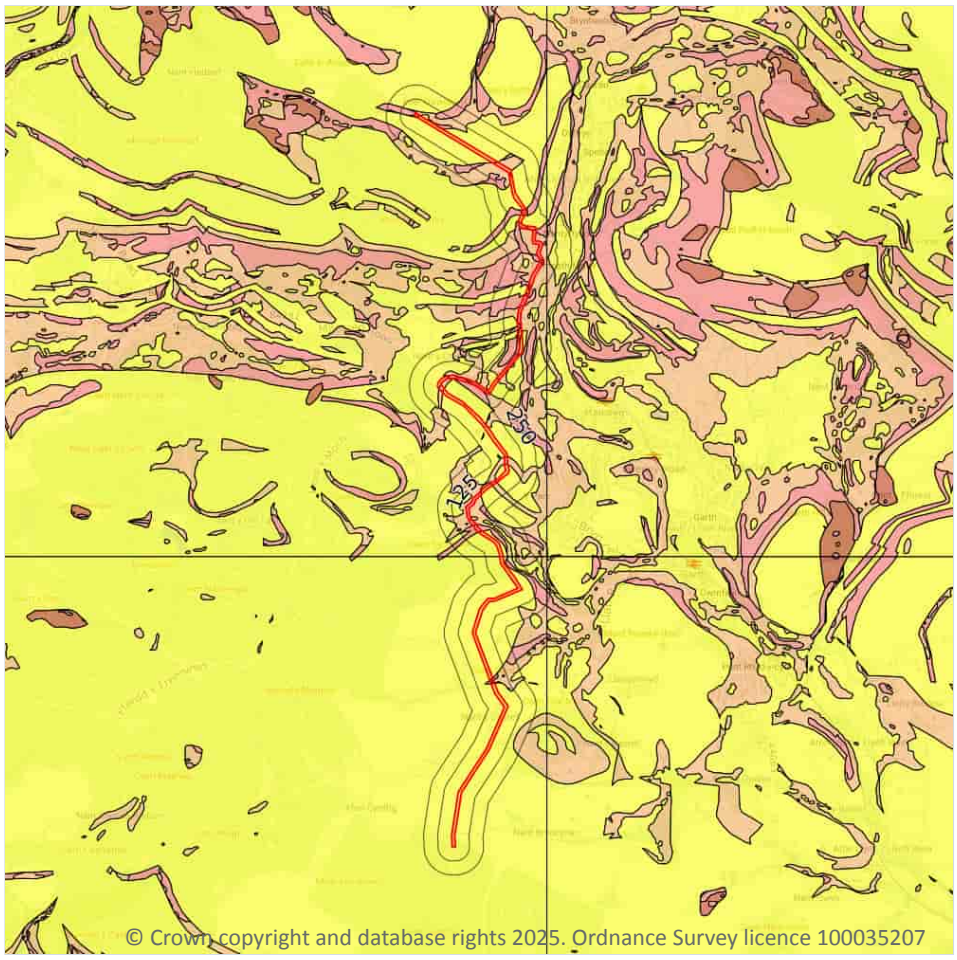
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 196 >**

Location	Hazard rating	Details
On site	**Very low**	**Deposits with potential to collapse when loaded and saturated are unlikely to be present.**
10m S	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
19m S	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
28m N	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m	18

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

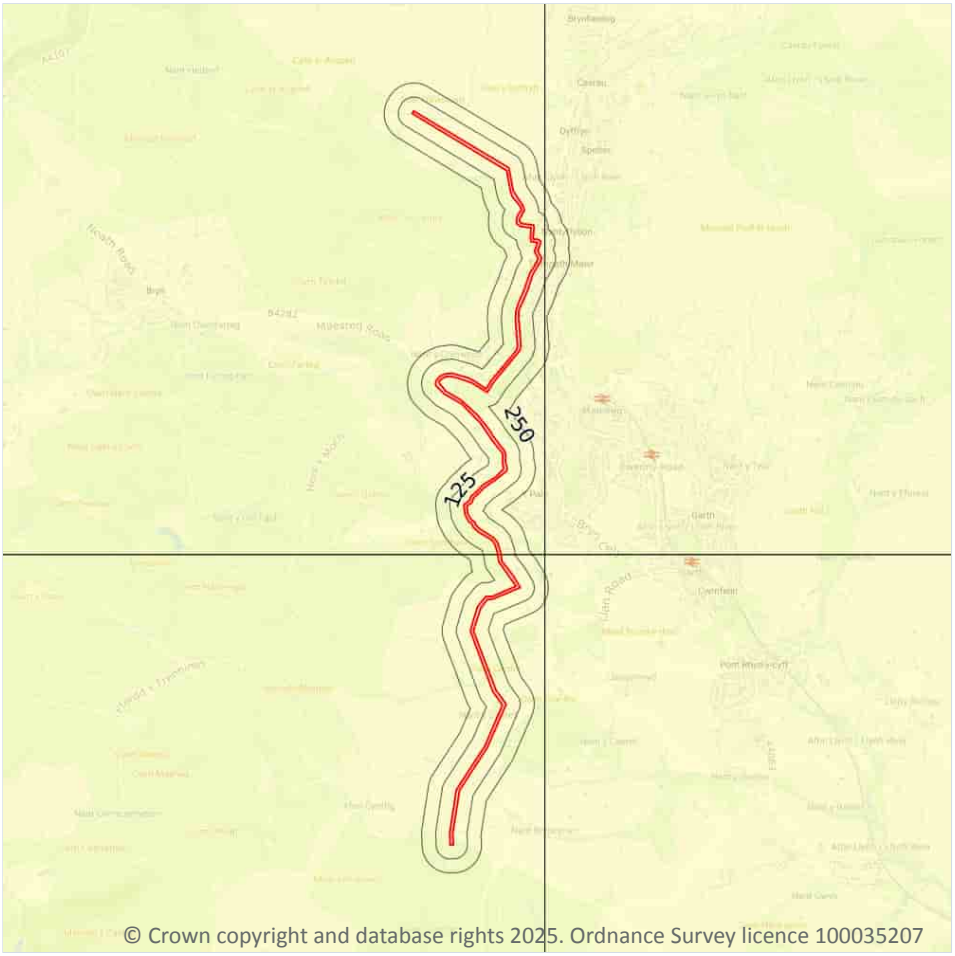
Features are displayed on the Natural ground subsidence - Landslides map on **page 198 >**

Location	Hazard rating	Details
On site	**Very low**	**Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.**

Location	Hazard rating	Details
On site	**Low**	**Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.**
On site	**Moderate**	**Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.**
1m N	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
7m N	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.
10m S	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
10m N	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
14m N	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
24m S	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.
28m N	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
33m S	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
35m N	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
36m N	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
36m N	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
38m N	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
38m N	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
43m N	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.
50m N	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks



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Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.6 Ground dissolution of soluble rocks

Records within 50m	2

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

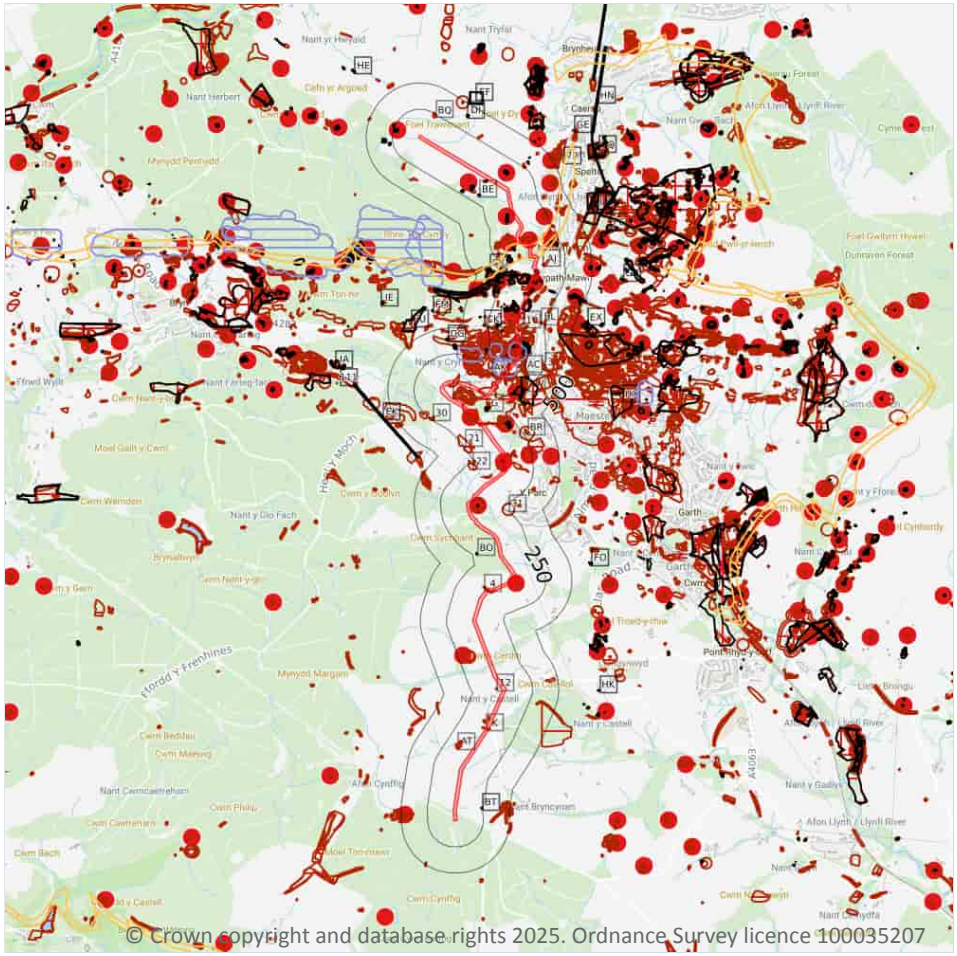
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 200 >**

Location	Hazard rating	Details
On site	**Negligible**	**Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.**

Location	Hazard rating	Details
28m N	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

This data is sourced from the British Geological Survey.

18 Mining and ground workings



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Site Outline

Search buffers in metres (m)

BritPits

Surface ground workings

Underground workings

Underground mining extents

Historical mineral planning areas

TCA non-coal mining

Non Coal Mining

Sporadic underground mining of restricted extent possible

Localised small scale underground mining possible

Small scale mining possible

Underground mining known or likely within or in close proximity

Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m	54

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

Features are displayed on the Mining and ground workings map on **page 202 >**

ID	Location	Details	Description
A	**On site**	**Name: Lluest-fach** **Address: MAESTEG, Glamorgan** **Commodity: Coal, Deep** **Status: Ceased**	**Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)** **Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority**
B	4m N	Name: Ty Gwyn Address: MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
C	10m N	Name: Garn-wen Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
F	10m N	Name: Ty'n-deri Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
L	11m N	Name: Ty Gwyn Address: MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
V	12m S	Name: Ty'n-y-cae Address: Llangynwyd, MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
E	19m NW	Name: Moel Brynmawr Address: MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
F	20m N	Name: Ty'n-deri Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
S	45m N	Name: Twmpath-mawr Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AD	51m N	Name: Nant Ffyllon Quarry Address: Nantyffyllon, MAESTEG, Mid Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
O	60m S	Name: Ffynnon Iago Address: MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
E	67m N	Name: Moel Brynmawr Address: MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Q	70m N	Name: Ty Gwyn Address: MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
S	72m N	Name: Garn-wen Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AH	72m N	Name: Ty'n-deri Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AB	73m N	Name: Garn Wen Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
AM	81m N	Name: Garn Wen Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AI	85m N	Name: Nant Ffyllon Quarry Address: Nantyffyllon, MAESTEG, Mid Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
15	114m N	Name: Nant Glas Newydd Small Mine Address: MAESTEG, Mid Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AS	122m N	Name: Dyffryn Rhondda Colliery Address: Dyffryn, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
18	139m N	Name: Garnwen Mine Address: Nantyffyllan, MAESTEG, Mid Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
AV	140m N	Name: Dyffryn Rhondda Colliery Address: Dyffryn, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Z	157m N	Name: Ty Gwyn Address: MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AQ	169m NE	Name: Lluest-fach Address: MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
26	173m N	Name: Ty'n-y-wern Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
BB	177m NE	Name: Gin Pit Address: MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
BC	190m N	Name: Garn Wen Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
BH	191m NE	Name: Lluest-fach Address: MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AY	194m N	Name: Ty'n-deri Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AQ	195m NE	Name: Lluest-fach Address: MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
BA	199m N	Name: Tai'r-waun Address: MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AV	199m N	Name: Nant Glas Newydd Mine Address: MAESTEG, Mid Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
29	202m S	Name: Lluest-wen Address: Llangynwyd, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
BI	205m N	Name: Ty'n-deri Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
BN	211m N	Name: Foel Trawsnant Address: Dyffryn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
BF	219m E	Name: Pen-Yr-Ysgol Address: MAESTEG, Mid Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
BJ	225m N	Name: Ty Derwen Address: Dyffryn, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
BJ	235m N	Name: Ty Derwen Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
CD	274m N	Name: Foel Trawsnant Address: Dyffryn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AX	292m N	Name: Garn Wen Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
BZ	294m N	Name: Garn Wen Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
BP	297m N	Name: Ty Patch Address: MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
CJ	324m N	Name: Ty Patch Address: MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
CN	324m N	Name: Foel Trawsnant Address: Dyffryn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AX	368m N	Name: Garn Wen Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
CE	374m N	Name: Ty Patch Address: MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DH	396m N	Name: Oddfellows' Arms Address: Dyffryn, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
CY	407m NE	Name: Ty'n-y-wern Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DR	433m E	Name: Lluest-fach Address: MAESTEG, Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
58	453m N	Name: Garn Wen Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DN	464m S	Name: Rhyd Blaen-y-cwm Address: Margam, PORT TALBOT, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DW	490m N	Name: Dyffryn Quarries Address: Dyffryn, MAESTEG, Mid Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
CY	498m NE	Name: Ty'n-y-wern Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
EA	499m NE	Name: Tywith Station Address: Nantyffllon, MAESTEG, Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m	**433**

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on **page 202 >**

ID	Location	Land Use	Year of mapping	Mapping scale
1	**On site**	**Unspecified Quarry**	**1884**	**1:10560**
2	**On site**	**Reservoir**	**1876**	**1:10560**
3	**On site**	**Pond**	**1947**	**1:10560**
4	**On site**	**Unspecified Ground Workings**	**1921**	**1:10560**
5	**On site**	**Unspecified Heap**	**1876**	**1:10560**
6	**On site**	**Unspecified Heap**	**1876**	**1:10560**
7	**On site**	**Unspecified Ground Workings**	**1876**	**1:10560**
A	**On site**	**Old Trial Level**	**1897**	**1:10560**
B	**On site**	**Old Coal Level**	**1897**	**1:10560**
C	**On site**	**Unspecified Ground Workings**	**1947**	**1:10560**

ID	Location	Land Use	Year of mapping	Mapping scale
C	On site	Unspecified Quarry	1876	1:10560
C	On site	Unspecified Heap	1947	1:10560
C	On site	Unspecified Heap	1947	1:10560
C	On site	Old Coal Levels	1897	1:10560
C	On site	Old Coal Levels	1897	1:10560
C	On site	Unspecified Heaps	1921	1:10560
C	On site	Unspecified Heaps	1921	1:10560
C	On site	Unspecified Heaps	1921	1:10560
C	On site	Unspecified Heaps	1921	1:10560
C	On site	Unspecified Heaps	1921	1:10560
C	On site	Unspecified Heap	1921	1:10560
C	On site	Unspecified Ground Workings	1921	1:10560
D	On site	Unspecified Ground Workings	1947	1:10560
D	On site	Unspecified Old Quarry	1921	1:10560
D	On site	Unspecified Old Quarry	1897	1:10560
D	On site	Unspecified Ground Workings	1914	1:10560
D	On site	Unspecified Ground Workings	1989	1:10000
D	On site	Unspecified Ground Workings	1988	1:10000
E	On site	Unspecified Old Quarry	1914	1:10560
E	On site	Unspecified Quarry	1921	1:10560
E	On site	Unspecified Heap	1947	1:10560
E	On site	Unspecified Heap	1947	1:10560
E	On site	Unspecified Quarry	1947	1:10560
E	On site	Unspecified Quarry	1989	1:10000
E	On site	Unspecified Quarry	1988	1:10000
E	On site	Unspecified Quarry	1964	1:10560
E	On site	Unspecified Old Quarry	1897	1:10560
E	On site	Unspecified Heap	1914	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
E	**On site**	**Unspecified Heap**	**1914**	**1:10560**
F	**On site**	**Unspecified Quarries**	**1921**	**1:10560**
F	**On site**	**Unspecified Quarries**	**1947**	**1:10560**
F	**On site**	**Unspecified Quarries**	**1921**	**1:10560**
G	**On site**	**Unspecified Quarry**	**1876**	**1:10560**
H	**On site**	**Old Coal Levels**	**1947**	**1:10560**
H	**On site**	**Old Coal Levels**	**1897**	**1:10560**
H	**On site**	**Old Coal Levels**	**1921**	**1:10560**
H	**On site**	**Old Coal Levels**	**1921**	**1:10560**
H	**On site**	**Old Coal Levels**	**1921**	**1:10560**
H	**On site**	**Unspecified Heap**	**1989**	**1:10000**
H	**On site**	**Unspecified Disused Levels**	**1988**	**1:10000**
H	**On site**	**Unspecified Disused Levels**	**1964**	**1:10560**
I	**On site**	**Old Coal Levels**	**1897**	**1:10560**
J	**On site**	**Pond**	**1947**	**1:10560**
J	**On site**	**Unspecified Ground Workings**	**1964**	**1:10560**
K	**On site**	**Reservoir**	**1921**	**1:10560**
K	**On site**	**Reservoir**	**1947**	**1:10560**
K	**On site**	**Reservoir**	**1914**	**1:10560**
K	**On site**	**Reservoir**	**1938**	**1:10560**
L	**On site**	**Unspecified Quarry**	**1897**	**1:10560**
M	**On site**	**Unspecified Ground Workings**	**1914**	**1:10560**
N	**On site**	**Unspecified Heap**	**1876**	**1:10560**
N	**On site**	**Unspecified Ground Workings**	**1964**	**1:10560**
O	**On site**	**Unspecified Old Level**	**1947**	**1:10560**
M	1m N	Unspecified Pit	1884	1:10560
Q	1m N	Unspecified Ground Workings	1947	1:10560
R	1m N	Unspecified Heap	1989	1:10000

ID	Location	Land Use	Year of mapping	Mapping scale
R	1m N	Unspecified Heap	1988	1:10000
R	1m N	Unspecified Heap	1964	1:10560
R	1m N	Unspecified Pits	1921	1:10560
R	1m N	Unspecified Pits	1921	1:10560
O	2m S	Old Trial Level	1921	1:10560
Q	2m N	Unspecified Ground Workings	1964	1:10560
R	3m N	Unspecified Heaps	1876	1:10560
R	4m N	Unspecified Ground Workings	1947	1:10560
R	4m N	Unspecified Ground Workings	1921	1:10560
S	4m N	Old Coal Levels	1921	1:10560
T	4m S	Unspecified Heap	1876	1:10560
S	5m N	Old Coal Levels	1947	1:10560
Q	6m N	Unspecified Ground Workings	1989	1:10000
Q	6m N	Unspecified Ground Workings	1988	1:10000
S	6m N	Old Coal Levels	1921	1:10560
S	6m N	Old Coal Levels	1921	1:10560
U	7m N	Trial Level	1884	1:10560
V	7m S	Unspecified Quarry	1914	1:10560
V	7m S	Unspecified Quarry	1921	1:10560
F	8m N	Unspecified Old Quarries	1897	1:10560
9	11m S	Unspecified Pit	1876	1:10560
W	11m NW	Unspecified Heap	1876	1:10560
X	12m N	Unspecified Ground Workings	1989	1:10000
X	12m N	Unspecified Ground Workings	1988	1:10000
X	12m N	Unspecified Ground Workings	1964	1:10560
S	12m N	Unspecified Heap	1989	1:10000
S	12m N	Unspecified Disused Levels	1988	1:10000
S	12m N	Unspecified Disused Levels	1964	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
F	12m N	Unspecified Ground Workings	1989	1:10000
F	12m N	Unspecified Ground Workings	1988	1:10000
F	12m N	Unspecified Ground Workings	1964	1:10560
X	13m N	Unspecified Ground Workings	1876	1:10560
Q	13m N	Cuttings	1921	1:10560
S	14m N	Old Coal Levels	1897	1:10560
Q	15m N	Cuttings	1914	1:10560
E	16m N	Unspecified Heap	1989	1:10000
E	16m N	Unspecified Heap	1988	1:10000
E	16m N	Unspecified Heap	1964	1:10560
Y	16m E	Unspecified Pit	1876	1:10560
R	16m N	Unspecified Ground Workings	1897	1:10560
R	18m N	Unspecified Heap	1876	1:10560
R	19m N	Unspecified Pit	1876	1:10560
Q	20m N	Unspecified Ground Workings	1876	1:10560
Z	20m N	Unspecified Quarry	1921	1:10560
AA	21m N	Unspecified Ground Workings	1947	1:10560
AA	21m N	Unspecified Ground Workings	1914	1:10560
10	21m N	Unspecified Heap	1876	1:10560
AA	23m NW	Unspecified Ground Workings	1921	1:10560
AA	23m N	Unspecified Ground Workings	1989	1:10000
AA	23m N	Unspecified Ground Workings	1988	1:10000
AA	23m N	Unspecified Ground Workings	1964	1:10560
Q	24m N	Old Coal Level	1897	1:10560
T	24m S	Unspecified Pit	1876	1:10560
Q	24m N	Unspecified Heap	1876	1:10560
AA	25m N	Unspecified Ground Workings	1897	1:10560
AB	25m N	Old Coal Level	1921	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
X	26m N	Unspecified Heap	1947	1:10560
X	26m N	Unspecified Heap	1914	1:10560
T	26m S	Unspecified Pit	1897	1:10560
U	27m N	Unspecified Heap	1884	1:10560
X	28m N	Unspecified Pit	1876	1:10560
AA	28m NW	Unspecified Ground Workings	1989	1:10000
AA	28m NW	Unspecified Ground Workings	1988	1:10000
AA	28m NW	Unspecified Ground Workings	1964	1:10560
X	28m N	Unspecified Heap	1921	1:10560
AB	29m N	Old Coal Level	1947	1:10560
T	30m S	Unspecified Pit	1990	1:10000
T	30m S	Unspecified Pit	1988	1:10000
11	30m S	Unspecified Ground Workings	1884	1:10560
R	30m N	Unspecified Pit	1989	1:10000
R	30m N	Unspecified Pit	1988	1:10000
R	30m N	Unspecified Pit	1964	1:10560
AC	30m N	Unspecified Ground Workings	1921	1:10560
AB	32m N	Old Coal Level	1921	1:10560
AB	32m N	Old Coal Level	1921	1:10560
AD	33m N	Unspecified Quarry	1947	1:10560
M	33m N	Unspecified Ground Workings	1897	1:10560
AE	33m NW	Unspecified Ground Workings	1964	1:10560
AD	34m N	Unspecified Quarry	1921	1:10560
AD	34m N	Unspecified Levels	1989	1:10000
AD	34m N	Unspecified Levels	1988	1:10000
AD	34m N	Unspecified Levels	1964	1:10560
AF	34m N	Old Coal Levels	1897	1:10560
AD	34m N	Unspecified Quarry	1921	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
M	34m N	Unspecified Disused Pit	1914	1:10560
Q	35m N	Old Coal Level	1921	1:10560
X	35m N	Pond	1947	1:10560
AB	36m N	Unspecified Heap	1989	1:10000
AB	36m N	Unspecified Heap	1988	1:10000
AB	36m N	Unspecified Heap	1964	1:10560
M	36m N	Unspecified Pit	1947	1:10560
W	36m NW	Unspecified Pit	1876	1:10560
M	36m N	Unspecified Disused Pit	1921	1:10560
AE	37m NW	Unspecified Pit	1989	1:10000
AE	37m NW	Unspecified Pit	1988	1:10000
12	38m S	Pond	1914	1:10560
G	38m N	Unspecified Ground Workings	1914	1:10560
S	38m N	Unspecified Quarry	1921	1:10560
S	38m N	Unspecified Quarry	1947	1:10560
S	39m N	Unspecified Quarry	1921	1:10560
M	41m N	Unspecified Disused Pit	1897	1:10560
Z	43m N	Unspecified Quarry	1964	1:10560
Z	46m N	Unspecified Quarry	1914	1:10560
Q	47m N	Old Coal Level	1914	1:10560
O	49m S	Old Trial Level	1897	1:10560
AH	49m N	Unspecified Quarry	1921	1:10560
O	50m S	Old Trial Level	1914	1:10560
S	51m N	Old Coal Levels	1921	1:10560
S	51m N	Old Coal Levels	1921	1:10560
S	52m N	Unspecified Ground Workings	1989	1:10000
S	52m N	Unspecified Disused Levels	1988	1:10000
S	52m N	Unspecified Disused Levels	1964	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
S	52m N	Old Coal Levels	1921	1:10560
G	52m N	Reservoir	1914	1:10560
G	52m N	Reservoir	1947	1:10560
AH	52m N	Unspecified Quarry	1989	1:10000
AH	52m N	Unspecified Quarry	1988	1:10000
AH	52m N	Unspecified Quarry	1964	1:10560
AI	52m N	Unspecified Quarry	1921	1:10560
AH	53m N	Unspecified Quarry	1921	1:10560
Y	54m E	Unspecified Pit	1876	1:10560
AH	54m N	Unspecified Quarry	1947	1:10560
R	56m N	Unspecified Ground Workings	1989	1:10000
R	56m N	Unspecified Ground Workings	1988	1:10000
R	56m N	Unspecified Ground Workings	1964	1:10560
D	56m N	Unspecified Ground Workings	1964	1:10560
C	57m N	Trial Level	1876	1:10560
AH	57m N	Unspecified Quarry	1897	1:10560
AJ	58m N	Unspecified Quarry	1876	1:10560
G	58m N	Ponds	1989	1:10000
G	58m N	Ponds	1988	1:10000
G	58m N	Ponds	1964	1:10560
G	59m N	Reservoir	1921	1:10560
AK	59m N	Unspecified Ground Workings	1964	1:10560
N	59m N	Unspecified Ground Workings	1876	1:10560
AL	59m N	Cuttings	1921	1:10560
AL	60m N	Cuttings	1947	1:10560
AL	62m N	Cuttings	1921	1:10560
13	68m E	Unspecified Heap	1876	1:10560
AM	68m N	Unspecified Pit	1989	1:10000

ID	Location	Land Use	Year of mapping	Mapping scale
AM	68m N	Unspecified Pit	1988	1:10000
AM	68m N	Unspecified Pit	1964	1:10560
S	69m N	Unspecified Disused Levels	1989	1:10000
S	69m N	Unspecified Disused Levels	1988	1:10000
S	69m N	Unspecified Disused Levels	1964	1:10560
Y	70m E	Unspecified Heap	1876	1:10560
AM	70m N	Old Coal Level	1921	1:10560
Z	70m N	Unspecified Ground Workings	1964	1:10560
AI	70m N	Unspecified Quarry	1921	1:10560
AI	70m N	Unspecified Quarry	1947	1:10560
AC	71m N	Unspecified Ground Workings	1989	1:10000
AC	71m N	Unspecified Ground Workings	1988	1:10000
AC	71m N	Unspecified Ground Workings	1964	1:10560
AM	73m N	Old Coal Level	1947	1:10560
AM	74m N	Old Coal Level	1921	1:10560
AM	74m N	Old Coal Level	1921	1:10560
AD	76m N	Trial Level	1876	1:10560
S	82m N	Cuttings	1921	1:10560
AJ	82m N	Unspecified Heap	1876	1:10560
S	84m N	Unspecified Heap	1876	1:10560
M	84m N	Unspecified Heap	1876	1:10560
AK	84m N	Unspecified Heap	1989	1:10000
AK	84m N	Unspecified Heap	1988	1:10000
AK	84m N	Unspecified Heap	1964	1:10560
P	85m N	Unspecified Ground Workings	1989	1:10000
P	85m N	Unspecified Ground Workings	1988	1:10000
AN	86m N	Unspecified Disused Pit	1897	1:10560
S	87m N	Cuttings	1921	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
R	87m N	Refuse Heap	1897	1:10560
G	88m N	Unspecified Old Levels	1921	1:10560
G	88m N	Unspecified Pits	1989	1:10000
G	88m N	Unspecified Pits	1988	1:10000
G	88m N	Unspecified Disused Levels	1964	1:10560
S	89m N	Cuttings	1947	1:10560
G	89m N	Unspecified Old Levels	1947	1:10560
G	89m N	Unspecified Old Levels	1914	1:10560
G	90m N	Unspecified Old Levels	1897	1:10560
AO	92m N	Unspecified Heap	1989	1:10000
AO	92m N	Unspecified Heap	1988	1:10000
AO	92m N	Unspecified Heap	1964	1:10560
AP	96m S	Old Trial Level	1914	1:10560
AP	96m S	Old Trial Level	1897	1:10560
M	96m N	Unspecified Heap	1876	1:10560
14	98m N	Refuse Heap	1897	1:10560
Q	99m N	Unspecified Old Level	1947	1:10560
G	102m N	Unspecified Old Levels	1947	1:10560
G	102m N	Unspecified Old Levels	1914	1:10560
M	102m N	Unspecified Disused Pit	1947	1:10560
AQ	102m NE	Pond	1876	1:10560
AR	103m N	Unspecified Heap	1964	1:10560
M	103m N	Refuse Heap	1914	1:10560
AP	103m S	Old Trial Level	1921	1:10560
AS	104m N	Old Trial Levels	1947	1:10560
AS	104m N	Old Trial Levels	1921	1:10560
AS	104m N	Old Trial Levels	1921	1:10560
AS	105m N	Old Trial Levels	1921	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
AR	106m N	Unspecified Heap	1989	1:10000
AR	106m N	Unspecified Heap	1988	1:10000
AT	107m S	Unspecified Pit	1876	1:10560
AU	107m N	Unspecified Heap	1989	1:10000
AU	107m N	Unspecified Heap	1988	1:10000
AU	107m N	Unspecified Heap	1964	1:10560
M	108m N	Refuse Heap	1921	1:10560
Z	109m N	Unspecified Quarry	1897	1:10560
AS	110m N	Disused Trial Levels	1989	1:10000
AS	110m N	Disused Trial Levels	1988	1:10000
AS	110m N	Disused Trial Levels	1964	1:10560
M	111m N	Unspecified Heap	1876	1:10560
AT	115m S	Unspecified Old Quarry	1897	1:10560
AT	116m S	Unspecified Pit	1947	1:10560
AT	116m S	Unspecified Old Quarry	1921	1:10560
AT	116m S	Unspecified Old Quarry	1947	1:10560
AT	116m S	Unspecified Old Quarry	1914	1:10560
AT	117m S	Unspecified Old Quarry	1938	1:10560
16	117m N	Unspecified Heap	1876	1:10560
AT	118m S	Unspecified Ground Workings	1990	1:10000
AT	118m S	Unspecified Ground Workings	1988	1:10000
AS	118m N	Old Trial Levels	1897	1:10560
AT	120m S	Unspecified Ground Workings	1947	1:10560
AV	121m N	Old Coal Level	1921	1:10560
AV	121m N	Old Coal Level	1921	1:10560
AV	122m N	Old Coal Level	1947	1:10560
AV	122m N	Old Coal Level	1921	1:10560
AV	122m N	Old Coal Level	1897	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
R	126m N	Unspecified Heap	1921	1:10560
R	126m N	Unspecified Heap	1921	1:10560
R	126m N	Unspecified Ground Workings	1947	1:10560
AN	128m N	Unspecified Pit	1947	1:10560
AN	128m N	Unspecified Disused Pit	1914	1:10560
AX	128m N	Unspecified Heaps	1921	1:10560
AN	130m N	Unspecified Pit	1989	1:10000
AN	130m N	Unspecified Pit	1988	1:10000
AN	130m N	Unspecified Pit	1964	1:10560
AQ	130m N	Unspecified Ground Workings	1947	1:10560
AQ	130m N	Unspecified Old Quarry	1914	1:10560
AQ	130m N	Unspecified Old Quarry	1921	1:10560
17	131m SE	Unspecified Ground Workings	1876	1:10560
AF	132m N	Unspecified Ground Workings	1947	1:10560
M	132m N	Unspecified Heap	1876	1:10560
AQ	133m N	Unspecified Ground Workings	1989	1:10000
AQ	133m N	Unspecified Ground Workings	1988	1:10000
AQ	133m N	Unspecified Ground Workings	1964	1:10560
AF	133m N	Unspecified Heap	1921	1:10560
AF	133m N	Unspecified Heap	1921	1:10560
AQ	134m NE	Unspecified Heap	1876	1:10560
AQ	134m N	Unspecified Old Quarry	1897	1:10560
D	135m N	Unspecified Heaps	1921	1:10560
AN	135m N	Unspecified Disused Pit	1921	1:10560
D	138m N	Unspecified Ground Workings	1914	1:10560
AF	140m N	Unspecified Pits	1921	1:10560
AF	140m N	Unspecified Pits	1921	1:10560
AF	140m N	Unspecified Ground Workings	1989	1:10000

ID	Location	Land Use	Year of mapping	Mapping scale
AF	140m N	Unspecified Ground Workings	1988	1:10000
AF	140m N	Unspecified Ground Workings	1964	1:10560
AF	144m N	Unspecified Heap	1921	1:10560
AF	144m N	Unspecified Heap	1921	1:10560
AQ	144m NE	Unspecified Pit	1876	1:10560
AY	144m N	Unspecified Old Quarry	1921	1:10560
AF	144m N	Unspecified Pit	1921	1:10560
AZ	146m N	Coal Level	1876	1:10560
AY	146m N	Unspecified Old Quarry	1947	1:10560
AY	146m N	Unspecified Old Quarry	1921	1:10560
BA	147m N	Unspecified Pit	1947	1:10560
BA	147m N	Unspecified Pit	1914	1:10560
Z	148m N	Unspecified Heaps	1989	1:10000
Z	148m N	Unspecified Heaps	1988	1:10000
Z	148m N	Unspecified Heaps	1964	1:10560
AV	151m N	Unspecified Disused Levels	1989	1:10000
AV	151m N	Unspecified Disused Levels	1988	1:10000
AV	151m N	Unspecified Disused Levels	1964	1:10560
19	151m N	Unspecified Heap	1876	1:10560
BB	151m N	Unspecified Ground Workings	1914	1:10560
BC	152m N	Unspecified Disused Level	1989	1:10000
BC	152m N	Unspecified Disused Level	1988	1:10000
BC	152m N	Unspecified Disused Level	1964	1:10560
AV	153m N	Unspecified Pit	1884	1:10560
BD	154m N	Refuse Heaps	1921	1:10560
BD	154m N	Refuse Heaps	1921	1:10560
R	154m N	Unspecified Heap	1876	1:10560
D	154m N	Unspecified Heap	1914	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
BB	154m N	Old Coal Level	1921	1:10560
BD	155m N	Refuse Heap	1947	1:10560
BD	156m N	Old Coal Level	1897	1:10560
Z	156m N	Unspecified Old Quarries	1897	1:10560
AY	160m N	Unspecified Old Quarries	1897	1:10560
BE	160m N	Trial Level	1884	1:10560
BF	160m E	Reservoir	1876	1:10560
R	161m N	Unspecified Heap	1989	1:10000
R	161m N	Unspecified Heap	1988	1:10000
AF	161m N	Unspecified Pit	1989	1:10000
AF	161m N	Unspecified Pit	1988	1:10000
AF	161m N	Unspecified Pit	1964	1:10560
AY	162m N	Unspecified Quarry	1989	1:10000
AY	162m N	Unspecified Quarry	1988	1:10000
AY	162m N	Unspecified Quarry	1964	1:10560
BA	163m N	Pond	1947	1:10560
20	163m N	Unspecified Ground Workings	1964	1:10560
BG	164m N	Coal Level	1876	1:10560
BC	164m N	Unspecified Heap	1921	1:10560
BC	164m N	Unspecified Heap	1921	1:10560
BC	166m N	Unspecified Pit	1947	1:10560
BC	166m N	Unspecified Heap	1921	1:10560
AQ	167m NE	Trial Levels	1897	1:10560
BC	169m N	Old Coal Levels	1897	1:10560
21	170m NW	Unspecified Ground Workings	1876	1:10560
22	170m SW	Unspecified Quarry	1876	1:10560
23	171m N	Unspecified Ground Workings	1975	1:10000
24	172m N	Unspecified Pit	1914	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
25	173m NW	Unspecified Heap	1876	1:10560
AQ	173m NE	Unspecified Ground Workings	1947	1:10560
AQ	173m NE	Old Trial Levels	1914	1:10560
AQ	173m NE	Old Trial Levels	1921	1:10560
Z	174m N	Unspecified Ground Workings	1964	1:10560
Z	175m N	Unspecified Heap	1876	1:10560
Z	176m N	Unspecified Ground Workings	1989	1:10000
Z	176m N	Unspecified Ground Workings	1988	1:10000
BA	178m N	Unspecified Ground Workings	1964	1:10560
BH	183m NE	Unspecified Quarry	1914	1:10560
BH	183m NE	Unspecified Quarry	1921	1:10560
BA	185m N	Unspecified Old Quarry	1914	1:10560
27	189m N	Unspecified Heaps	1876	1:10560
BD	193m N	Unspecified Heap	1965	1:10560
28	194m N	Unspecified Heaps	1964	1:10560
BI	195m N	Unspecified Old Quarries	1897	1:10560
BJ	197m N	Unspecified Quarry	1921	1:10560
BJ	200m N	Unspecified Quarry	1921	1:10560
BJ	200m N	Unspecified Quarries	1947	1:10560
Z	201m N	Unspecified Ground Workings	1876	1:10560
BL	202m N	Coal Level	1876	1:10560
S	204m N	Unspecified Pit	1876	1:10560
BM	205m N	Unspecified Level	1989	1:10000
BM	205m N	Unspecified Level	1988	1:10000
BM	205m N	Unspecified Level	1964	1:10560
BJ	205m N	Unspecified Disused Quarry	1975	1:10000
BJ	205m N	Cuttings	1965	1:10560
BN	207m N	Old Trial Level	1897	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
BO	208m S	Trial Level	1876	1:10560
BN	209m N	Unspecified Old Level	1947	1:10560
30	209m NW	Unspecified Ground Workings	1884	1:10560
S	210m N	Unspecified Pit	1876	1:10560
BN	210m N	Old Trial Level	1921	1:10560
BN	210m N	Old Trial Level	1914	1:10560
BP	210m N	Unspecified Old Quarries	1921	1:10560
BA	210m N	Pond	1989	1:10000
BA	210m N	Pond	1988	1:10000
BA	210m N	Pond	1964	1:10560
BJ	211m N	Unspecified Quarry	1897	1:10560
BP	211m N	Unspecified Old Quarries	1914	1:10560
31	213m S	Trial Level	1876	1:10560
BQ	214m N	Pond	1897	1:10560
BR	217m NE	Reservoir	1921	1:10560
32	219m N	Unspecified Heap	1876	1:10560
BQ	220m N	Pond	1914	1:10560
BQ	220m N	Pond	1921	1:10560
BS	223m N	Unspecified Ground Workings	1965	1:10560
33	223m NE	Unspecified Ground Workings	1965	1:10560
34	224m NW	Unspecified Ground Workings	1884	1:10560
BS	225m N	Unspecified Ground Workings	1975	1:10000
BL	228m N	Refuse Heap	1897	1:10560
AW	234m NE	Old Coal Level	1914	1:10560
35	234m E	Brick Works	1876	1:10560
BJ	238m N	Unspecified Old Quarry	1921	1:10560
BJ	238m N	Unspecified Old Quarry	1921	1:10560
BJ	242m N	Unspecified Old Quarry	1947	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
BU	242m N	Unspecified Quarry	1876	1:10560
BV	242m N	Pond	1884	1:10560
36	244m NE	Brick Works	1897	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m	**320**

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

Features are displayed on the Mining and ground workings map on **page 202 >**

ID	Location	Land Use	Year of mapping	Mapping scale
8	**On site**	**Trial Shaft**	**1876**	**1:10560**
A	**On site**	**Old Trial Level**	**1897**	**1:10560**
B	**On site**	**Old Coal Level**	**1897**	**1:10560**
C	**On site**	**Old Coal Levels**	**1897**	**1:10560**
C	**On site**	**Old Coal Levels**	**1897**	**1:10560**
H	**On site**	**Old Coal Levels**	**1947**	**1:10560**
H	**On site**	**Old Coal Levels**	**1897**	**1:10560**
H	**On site**	**Old Coal Levels**	**1921**	**1:10560**
H	**On site**	**Unspecified Disused Levels**	**1988**	**1:10000**
H	**On site**	**Unspecified Disused Levels**	**1964**	**1:10560**
I	**On site**	**Old Coal Levels**	**1897**	**1:10560**
S	4m N	Old Coal Levels	1921	1:10560
S	5m N	Old Coal Levels	1947	1:10560
U	7m N	Trial Level	1884	1:10560
S	12m N	Unspecified Disused Levels	1988	1:10000
S	12m N	Unspecified Disused Levels	1964	1:10560
S	14m N	Old Coal Levels	1897	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
Q	24m N	Old Coal Level	1897	1:10560
C	25m N	Old Coal Shaft	1897	1:10560
AB	25m N	Old Coal Level	1921	1:10560
AB	29m N	Old Coal Level	1947	1:10560
AD	34m N	Unspecified Levels	1989	1:10000
AD	34m N	Unspecified Levels	1988	1:10000
AD	34m N	Unspecified Levels	1964	1:10560
AF	34m N	Old Coal Levels	1897	1:10560
Q	35m N	Old Coal Level	1921	1:10560
Q	47m N	Old Coal Level	1914	1:10560
O	49m S	Old Trial Level	1897	1:10560
O	50m S	Old Trial Level	1914	1:10560
S	52m N	Unspecified Disused Levels	1988	1:10000
S	52m N	Unspecified Disused Levels	1964	1:10560
S	52m N	Old Coal Levels	1921	1:10560
C	57m N	Trial Level	1876	1:10560
S	69m N	Unspecified Disused Levels	1989	1:10000
S	69m N	Unspecified Disused Levels	1988	1:10000
S	69m N	Unspecified Disused Levels	1964	1:10560
AM	70m N	Old Coal Level	1921	1:10560
AM	73m N	Old Coal Level	1947	1:10560
AD	76m N	Trial Level	1876	1:10560
N	88m N	Air Shafts	1876	1:10560
G	88m N	Unspecified Old Levels	1921	1:10560
G	88m N	Unspecified Disused Levels	1964	1:10560
G	89m N	Unspecified Old Levels	1947	1:10560
G	89m N	Unspecified Old Levels	1914	1:10560
G	90m N	Unspecified Old Levels	1897	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
Q	99m N	Unspecified Old Level	1947	1:10560
G	102m N	Unspecified Old Levels	1947	1:10560
G	102m N	Unspecified Old Levels	1914	1:10560
AS	104m N	Old Trial Levels	1947	1:10560
AS	105m N	Old Trial Levels	1921	1:10560
AS	110m N	Disused Trial Levels	1989	1:10000
AS	110m N	Disused Trial Levels	1988	1:10000
AS	110m N	Disused Trial Levels	1964	1:10560
R	118m N	Air Shaft	1876	1:10560
AS	118m N	Old Trial Levels	1897	1:10560
AV	122m N	Old Coal Level	1947	1:10560
AV	122m N	Old Coal Level	1921	1:10560
AV	122m N	Old Coal Level	1897	1:10560
AW	124m N	Coal Pit	1876	1:10560
Z	133m N	Air Shafts	1876	1:10560
AZ	146m N	Coal Level	1876	1:10560
AV	151m N	Unspecified Disused Levels	1989	1:10000
AV	151m N	Unspecified Disused Levels	1988	1:10000
AV	151m N	Unspecified Disused Levels	1964	1:10560
BC	152m N	Unspecified Disused Level	1989	1:10000
BC	152m N	Unspecified Disused Level	1988	1:10000
BC	152m N	Unspecified Disused Level	1964	1:10560
S	154m N	Air Shaft	1876	1:10560
BB	154m N	Old Coal Level	1921	1:10560
BD	156m N	Old Coal Level	1897	1:10560
BE	160m N	Trial Level	1884	1:10560
BG	164m N	Coal Level	1876	1:10560
AQ	167m NE	Trial Levels	1897	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
S	168m N	Old Air Shaft	1897	1:10560
BC	169m N	Old Coal Levels	1897	1:10560
AQ	173m NE	Coal Pit	1876	1:10560
AQ	173m NE	Old Trial Levels	1914	1:10560
AQ	173m NE	Old Trial Levels	1921	1:10560
BC	181m N	Old Air Shaft	1897	1:10560
AF	199m N	Air Shaft	1897	1:10560
BL	202m N	Coal Level	1876	1:10560
BM	205m N	Unspecified Level	1989	1:10000
BM	205m N	Unspecified Level	1988	1:10000
BM	205m N	Unspecified Level	1964	1:10560
BN	207m N	Old Trial Level	1897	1:10560
BO	208m S	Trial Level	1876	1:10560
BN	209m N	Unspecified Old Level	1947	1:10560
BN	210m N	Old Trial Level	1914	1:10560
BN	210m N	Old Trial Level	1921	1:10560
AW	234m NE	Old Coal Level	1914	1:10560
BT	234m S	Sulphurous Well	1921	1:10560
BT	234m S	Sulphurous Well	1947	1:10560
BT	234m S	Sulphurous Well	1914	1:10560
BT	234m S	Sulphurous Well	1897	1:10560
AX	240m N	Air Shaft	1897	1:10560
BU	252m N	Old Coal Level	1947	1:10560
BN	254m N	Unspecified Disused Level	1989	1:10000
BN	254m N	Unspecified Disused Level	1988	1:10000
BN	254m N	Unspecified Disused Level	1964	1:10560
BU	257m N	Old Coal Levels	1897	1:10560
AX	264m N	Old Coal Levels	1947	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
BZ	265m N	Old Coal Levels	1921	1:10560
CA	265m N	Disused Trial Shaft	1989	1:10000
CA	265m N	Disused Trial Shaft	1988	1:10000
CA	265m N	Disused Trial Shaft	1964	1:10560
CC	267m N	Air Shaft	1876	1:10560
CD	270m N	Old Trial Level	1914	1:10560
CD	270m N	Old Trial Level	1921	1:10560
AX	270m N	Old Coal Level	1921	1:10560
BZ	271m N	Old Coal Levels	1947	1:10560
CD	271m N	Unspecified Old Levels	1947	1:10560
CD	272m N	Old Trial Level	1897	1:10560
BZ	277m N	Old Coal Levels	1897	1:10560
BZ	286m N	Old Coal Levels	1921	1:10560
CH	288m NE	Coal Level	1876	1:10560
CJ	295m N	Unspecified Old Level	1947	1:10560
CJ	295m N	Unspecified Old Level	1914	1:10560
CJ	295m N	Unspecified Old Level	1921	1:10560
CK	295m N	Coal Level	1876	1:10560
BV	303m N	Trial Levels	1876	1:10560
AX	306m N	Old Coal Levels	1947	1:10560
CJ	307m N	Unspecified Disused Level	1989	1:10000
CJ	307m N	Unspecified Disused Level	1988	1:10000
CJ	307m N	Unspecified Disused Level	1964	1:10560
CN	310m N	Old Coal Level	1914	1:10560
CN	310m N	Old Coal Level	1921	1:10560
BV	311m N	Trial Levels	1876	1:10560
CN	312m N	Old Coal Level	1897	1:10560
CJ	315m N	Unspecified Old Level	1897	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
CS	322m N	Old Coal Levels	1897	1:10560
CT	335m N	Coal Level	1876	1:10560
BV	353m N	Trial Levels	1876	1:10560
CY	358m NE	Old Coal Levels	1897	1:10560
CY	358m NE	Old Coal Levels	1947	1:10560
CY	358m NE	Old Coal Levels	1921	1:10560
CY	358m NE	Old Coal Levels	1921	1:10560
CZ	366m N	Disused Air Shaft	1989	1:10000
CZ	366m N	Disused Air Shaft	1988	1:10000
CZ	366m N	Disused Air Shaft	1964	1:10560
DB	371m N	Old Coal Level	1921	1:10560
CZ	371m N	Air Shaft	1897	1:10560
CZ	372m N	Old Air Shaft	1921	1:10560
CZ	373m N	Unspecified Disused Levels	1989	1:10000
CZ	373m N	Unspecified Disused Levels	1988	1:10000
CZ	373m N	Unspecified Disused Levels	1964	1:10560
CZ	374m N	Old Air Shaft	1947	1:10560
DG	384m N	Disused Trial Shaft	1989	1:10000
DG	384m N	Disused Trial Shaft	1988	1:10000
DG	384m N	Disused Trial Shaft	1964	1:10560
DI	387m N	Unspecified Level	1989	1:10000
DI	387m N	Unspecified Level	1988	1:10000
DI	387m N	Unspecified Level	1964	1:10560
DJ	387m NE	Colliery	1921	1:10560
DM	431m N	Old Coal Level	1921	1:10560
CY	449m NE	Unspecified Disused Level	1975	1:10000
CY	450m NE	Old Coal Levels	1897	1:10560
EA	475m NE	Old Coal Level	1947	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
EA	475m NE	Old Coal Level	1897	1:10560
EF	504m N	Colliery	1947	1:10560
EF	504m N	Colliery	1897	1:10560
EH	510m N	Coal Level	1876	1:10560
EI	518m N	Air Shaft	1884	1:10560
DO	526m N	Colliery	1897	1:10560
EI	534m N	Coal Level	1884	1:10560
DV	542m NE	Old Coal Level	1921	1:10560
EH	553m N	Trial Level	1876	1:10560
ER	569m NE	Unspecified Old Levels	1897	1:10560
EK	572m W	Tunnel	1875	1:10560
EK	572m W	Tunnel	1914	1:10560
EK	572m W	Tunnel	1897	1:10560
EK	572m W	Tunnel	1921	1:10560
EK	572m W	Tunnel	1989	1:10000
EK	572m W	Tunnel	1988	1:10000
EK	572m W	Tunnel	1964	1:10560
ET	573m N	Coal Level	1884	1:10560
EU	574m NW	Colliery	1914	1:10560
EU	574m NW	Colliery	1921	1:10560
72	581m N	Coal Shaft	1876	1:10560
EX	590m NE	Unspecified Disused Levels	1975	1:10000
EW	600m NE	Trial Level	1876	1:10560
FA	600m N	Colliery	1876	1:10560
FB	601m N	Colliery	1876	1:10560
EZ	604m NE	Trial Level	1897	1:10560
FF	607m N	Trial Level	1876	1:10560
EZ	608m NE	Unspecified Disused Level	1975	1:10000

ID	Location	Land Use	Year of mapping	Mapping scale
EZ	609m NE	Old Trial Level	1947	1:10560
EZ	609m NE	Old Trial Level	1921	1:10560
EZ	617m NE	Trial Shaft	1897	1:10560
EW	617m NE	Trial Shaft	1876	1:10560
FC	628m NE	Unspecified Disused Level	1897	1:10560
FI	628m NE	Old Coal Levels	1897	1:10560
FB	649m NE	Colliery	1975	1:10000
FA	666m N	Unspecified Level	1876	1:10560
FK	666m N	Air Shaft	1884	1:10560
FK	673m N	Coal Level	1884	1:10560
FA	674m N	Old Trial Levels	1947	1:10560
FA	675m N	Old Trial Levels	1921	1:10560
EU	677m NW	Unspecified Disused Shaft	1989	1:10000
EU	677m NW	Unspecified Disused Shaft	1988	1:10000
EU	677m NW	Unspecified Disused Shaft	1964	1:10560
EU	679m NW	Old Air Shaft	1914	1:10560
EU	679m NW	Old Air Shaft	1921	1:10560
FM	683m N	Trial Level	1884	1:10560
FO	684m SE	Old Trial Level	1897	1:10560
FB	684m NE	Unspecified Mine	1965	1:10560
FO	691m SE	Unspecified Old Level	1947	1:10560
FO	693m SE	Unspecified Old Level	1948	1:10560
EY	694m NW	Air Shaft	1884	1:10560
FQ	702m N	Old Trial Levels	1947	1:10560
FQ	702m N	Old Trial Levels	1921	1:10560
FQ	705m N	Old Trial Levels	1897	1:10560
FR	706m NE	Colliery	1947	1:10560
FR	706m NE	Colliery	1921	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
FQ	708m N	Disused Trial Levels	1989	1:10000
FQ	708m N	Disused Trial Levels	1988	1:10000
FQ	708m N	Disused Trial Levels	1964	1:10560
FW	737m NE	Unspecified Old Levels	1897	1:10560
GA	752m S	Unspecified Disused Level	1970	1:10560
GC	758m NW	Old Coal Levels	1914	1:10560
GC	758m NW	Old Coal Levels	1921	1:10560
GC	762m NW	Old Coal Levels	1897	1:10560
FQ	764m N	Old Trial Levels	1947	1:10560
FQ	765m N	Old Trial Levels	1921	1:10560
FQ	768m N	Old Trial Levels	1897	1:10560
FQ	773m N	Disused Trial Levels	1989	1:10000
FQ	773m N	Disused Trial Levels	1988	1:10000
FQ	773m N	Disused Trial Levels	1964	1:10560
GB	776m NE	Coal Level	1876	1:10560
GC	777m NW	Unspecified Old Levels	1947	1:10560
GB	784m NE	Air Shaft	1876	1:10560
GH	788m S	Unspecified Disused Level	1985	1:10000
GM	809m NE	Disused Colliery	1947	1:10560
GP	817m NE	Trial Levels	1876	1:10560
GQ	817m N	Disused Colliery	1897	1:10560
GR	819m NE	Old Coal Level	1897	1:10560
GT	822m NE	Old Coal Levels	1897	1:10560
GE	825m N	Air Shaft	1897	1:10560
GR	826m NE	Old Coal Level	1947	1:10560
GR	826m NE	Old Coal Level	1921	1:10560
HD	860m SE	Unspecified Old Levels	1947	1:10560
HE	861m N	Trial Level	1884	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
HD	862m SE	Unspecified Old Levels	1948	1:10560
HH	869m NE	Unspecified Level	1876	1:10560
GT	870m NE	Trial Levels	1876	1:10560
GQ	872m N	Unspecified Disused Mine	1965	1:10560
HK	874m SE	Trial Level	1876	1:10560
GQ	875m N	Disused Colliery	1947	1:10560
HL	876m N	Disused Colliery	1947	1:10560
HL	876m N	Disused Colliery	1897	1:10560
HN	877m NE	Tunnel	1876	1:10560
HL	879m N	Unspecified Disused Mine	1989	1:10000
HL	879m N	Unspecified Disused Mine	1988	1:10000
HL	879m N	Unspecified Disused Mine	1964	1:10560
GT	881m NE	Air Shaft	1876	1:10560
HO	891m SE	Coal Level	1921	1:10560
HO	895m SE	Old Trial Levels	1921	1:10560
HR	897m S	Unspecified Disused Level	1970	1:10560
HO	897m SE	Old Trial Levels	1897	1:10560
HR	898m S	Unspecified Disused Level	1985	1:10000
HL	902m N	Old Coal Levels	1947	1:10560
HL	906m N	Old Coal Levels	1921	1:10560
HL	906m N	Disused Colliery	1921	1:10560
HO	909m SE	Old Trial Levels	1897	1:10560
HL	909m N	Old Coal Level	1897	1:10560
HT	911m SE	Unspecified Old Levels	1948	1:10560
HT	911m SE	Unspecified Old Levels	1947	1:10560
HT	911m SE	Old Coal Level	1914	1:10560
HT	911m SE	Old Coal Level	1921	1:10560
HL	915m N	Disused Trial Levels	1989	1:10000

ID	Location	Land Use	Year of mapping	Mapping scale
HL	915m N	Disused Trial Levels	1988	1:10000
HL	915m N	Disused Trial Levels	1964	1:10560
HO	919m SE	Old Trial Levels	1897	1:10560
HX	922m NE	Colliery	1876	1:10560
HO	932m SE	Old Coal Level	1914	1:10560
HO	932m SE	Old Coal Level	1921	1:10560
IA	934m NW	Old Coal Level	1897	1:10560
HJ	935m NE	Trial Levels	1897	1:10560
HL	943m N	Old Trial Level	1947	1:10560
HL	946m N	Old Trial Level	1921	1:10560
HO	950m SE	Coal Level	1914	1:10560
HO	951m SE	Old Trial Levels	1897	1:10560
IF	951m NE	Old Coal Levels	1897	1:10560
II	956m N	Trial Level	1884	1:10560
HP	957m NE	Old Coal Levels	1947	1:10560
HP	957m NE	Old Coal Levels	1921	1:10560
HO	958m SE	Old Trial Levels	1914	1:10560
IE	959m NW	Unspecified Drift	1921	1:10560
HW	959m NE	Old Coal Level	1921	1:10560
HW	960m NE	Old Coal Level	1947	1:10560
IJ	961m N	Old Trial Level	1921	1:10560
IK	961m SE	Old Coal Shaft	1897	1:10560
IE	962m NW	Unspecified Old Drift	1947	1:10560
HU	962m NE	Old Trial Shaft	1947	1:10560
HU	962m NE	Old Trial Shaft	1921	1:10560
IE	962m NW	Unspecified Disused Drift	1989	1:10000
IE	962m NW	Unspecified Disused Drift	1988	1:10000
IE	962m NW	Unspecified Disused Drift	1964	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
IE	963m NW	Unspecified Drift	1914	1:10560
HU	963m NE	Unspecified Disused Shaft	1975	1:10000
IJ	965m N	Old Trial Level	1947	1:10560
HO	968m SE	Old Coal Levels	1921	1:10560
HO	968m SE	Unspecified Old Levels	1947	1:10560
HO	968m SE	Old Coal Levels	1914	1:10560
HL	968m N	Old Coal Shaft	1897	1:10560
ID	969m NE	Unspecified Level	1876	1:10560
HO	970m SE	Unspecified Old Levels	1948	1:10560
IJ	980m N	Disused Trial Level	1989	1:10000
IJ	980m N	Disused Trial Level	1988	1:10000
IJ	980m N	Disused Trial Level	1964	1:10560
HO	985m SE	Old Trial Levels	1914	1:10560
111	985m NW	Air Shaft	1884	1:10560
IQ	987m NE	Unspecified Disused Level	1897	1:10560
HL	988m N	Disused Trial Levels	1989	1:10000
HL	988m N	Disused Trial Levels	1988	1:10000
HL	988m N	Disused Trial Levels	1964	1:10560
IR	990m SE	Trial Shafts	1876	1:10560
HP	991m NE	Old Coal Levels	1947	1:10560
IQ	994m NE	Unspecified Disused Level	1947	1:10560
HW	995m NE	Trial Level	1876	1:10560
IT	998m NE	Air Shaft	1876	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m	0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	3

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

Features are displayed on the Mining and ground workings map on **page 202 >**

ID	Location	Name	Commodity	Class	Likelihood
P	**On site**	**Not available**	**Iron Ore (Bedded)**	**B**	**Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.**
AG	41m N	Not available	Iron Ore (Bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
BK	197m N	Not available	Iron Ore (Bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site	0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m	4

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

Features are displayed on the Mining and ground workings map on **page 202 >**

ID	Location	Mineral type	Mineral
J	**On site**	**Metals**	**Ironstone**
Q	**On site**	**Metals**	**Ironstone**
Z	137m N	Metals	Ironstone
BA	201m N	Metals	Ironstone

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m	0

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m	0

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m	0

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site	1

Areas which could be affected by past, current or future coal mining.

Location	Details
On site	**The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.**

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site	0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.14 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

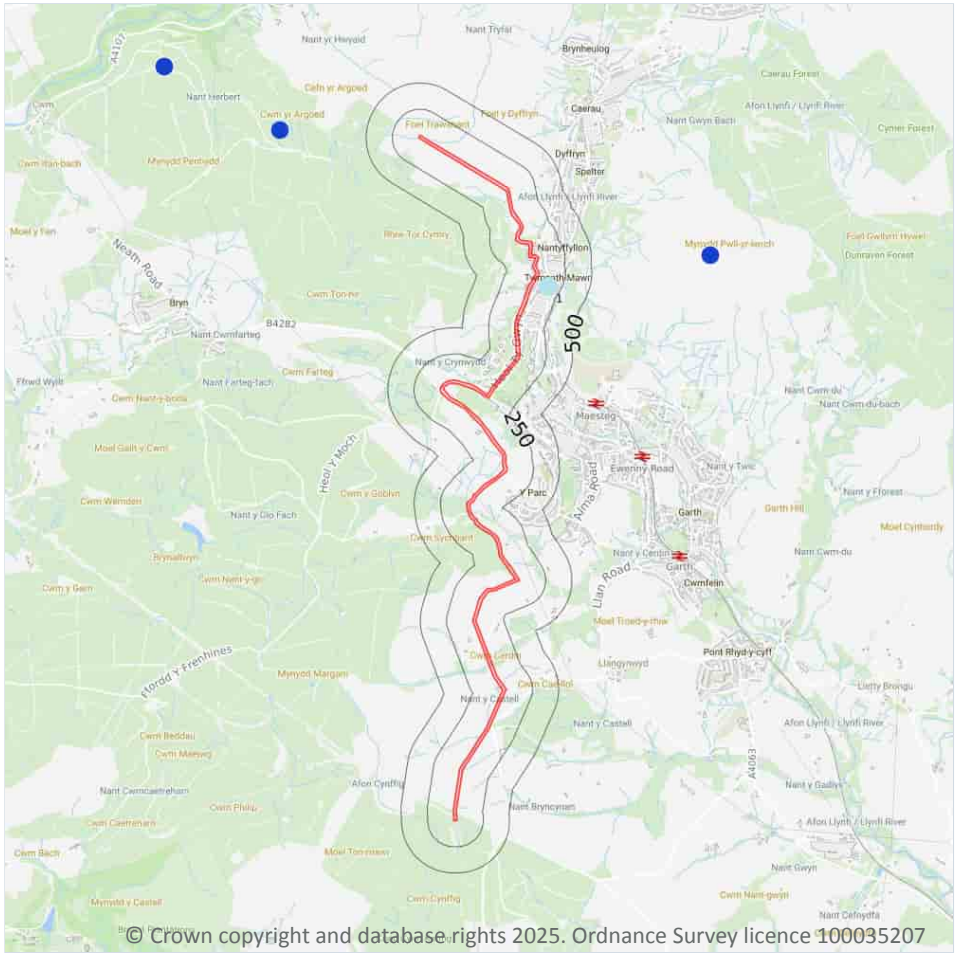
18.16 Clay mining

Records on site	0

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Ground cavities and sinkholes



Site Outline

Search buffers in metres (m)

Natural cavities (Area)

Natural cavities (Point)

Mining cavities

Reported recent incidents

Historical incidents

19.1 Natural cavities

Records within 500m	0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m	0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m	1

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

Features are displayed on the Ground cavities and sinkholes map on **page 245 >**

ID	Location	Name	Date	Cause	Estimated diameter	Description	Accuracy
1	133m N	Coronation Terrace, Nantyffyllon ↗	01/12/2015	Unclassified	3m	TCA said unlikely to be mining related. Storm Frank occurred during the days before the sinkhole formed.	1m

This data is sourced from Groundsure.

19.4 Historical incidents

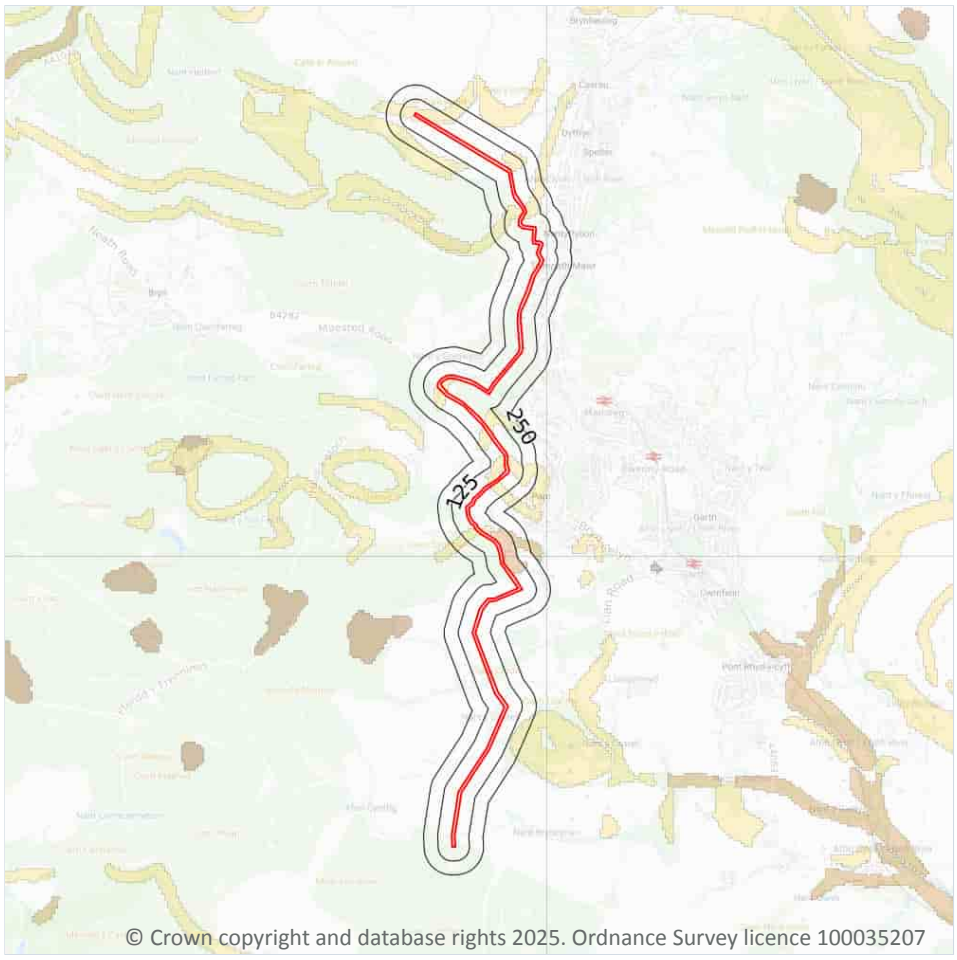
Records within 500m	0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.

This data is sourced from Groundsure.

20 Radon



Site Outline

Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

20.1 Radon

Records on site	3

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on **page 247 >**

Location	Estimated properties affected	Radon Protection Measures required
On site	**Between 1% and 3%**	**None**

Location	Estimated properties affected	Radon Protection Measures required
On site	**Less than 1%**	**None**
On site	**Between 5% and 10%**	**Basic**

This data is sourced from the British Geological Survey and UK Health Security Agency.

21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m	123

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km^2. In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km^2; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**35 - 45 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**35 - 45 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**35 - 45 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**35 - 45 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
2m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
2m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
3m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
4m N	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
4m N	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
4m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
5m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
5m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
8m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
8m N	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
10m S	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
10m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
10m N	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
12m S	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
12m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
19m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
19m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
23m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
25m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
26m N	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
26m N	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
26m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
26m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
28m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
28m N	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
28m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
28m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
28m N	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
28m N	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
29m E	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
32m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
32m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
33m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
34m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
35m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
37m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
38m N	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
39m SW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
39m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
39m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
39m NW	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
39m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
39m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
39m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
39m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
39m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
41m N	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
41m N	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
44m S	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
45m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
47m S	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
48m N	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
50m N	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m	0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km^2).

This data is sourced from the British Geological Survey.

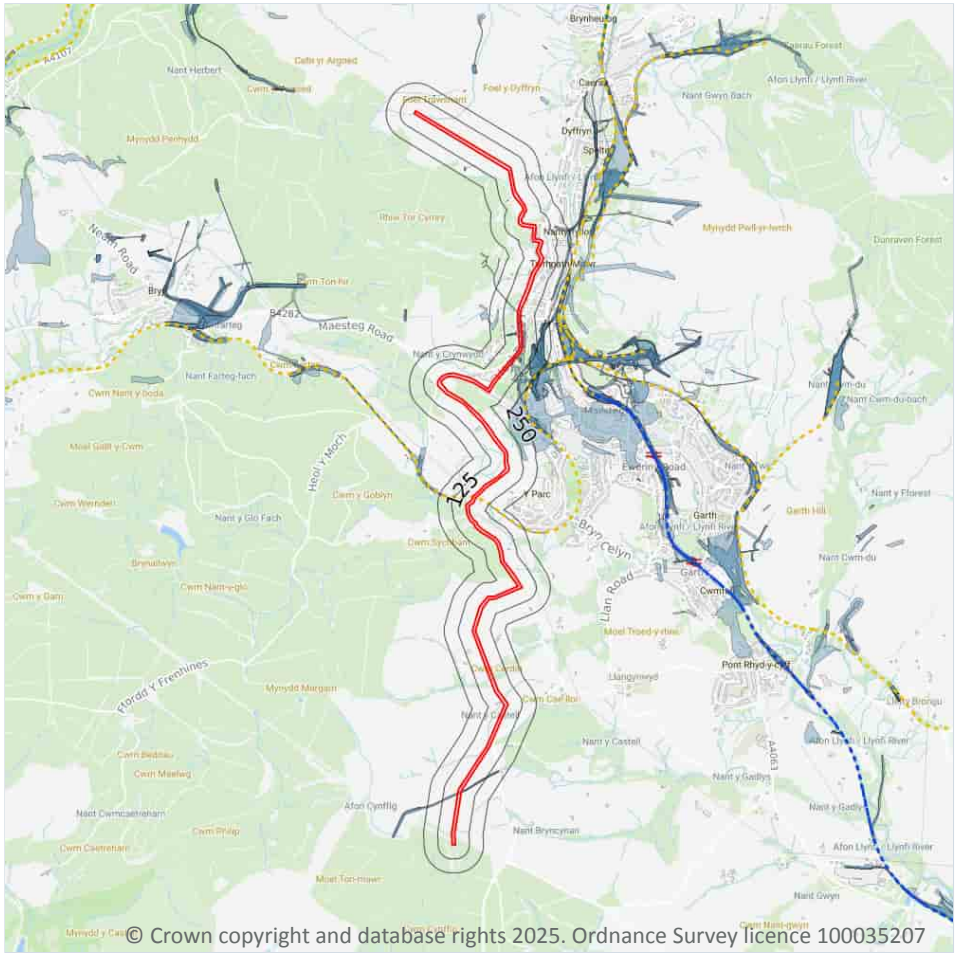
21.3 BGS Measured Urban Soil Chemistry

Records within 50m	0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km^2.

This data is sourced from the British Geological Survey.

22 Railway infrastructure and projects



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22.1 Underground railways (London)

Records within 250m	0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m	0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m	56

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on **page 257 >**

Location	Land Use	Year of mapping	Mapping scale
On site	**Tramway Sidings**	**1878**	**2500**
On site	**Tramway Sidings**	**1918**	**2500**
On site	**Tramway Sidings**	**1938**	**10560**
12m S	Tramway Sidings	1921	10560
13m N	Tramway Sidings	1914	10560
20m N	Tramway Sidings	1921	10560
26m N	Tramway Sidings	1919	2500
29m N	Railway Sidings	1878	2500
61m N	Railway Sidings	1962	2500
77m N	Railway Sidings	1897	10560
81m N	Mineral Railway Sidings	1989	10000
81m N	Mineral Railway Sidings	1988	10000
81m N	Mineral Railway Sidings	1964	10560
83m N	Railway Sidings	1899	2500
84m N	Railway Sidings	1939	2500
85m N	Railway Sidings	1919	2500
86m N	Railway Sidings	1987	2500

Location	Land Use	Year of mapping	Mapping scale
87m N	Mineral Railway Sidings	1962	2500
88m N	Railway Sidings	1914	10560
88m N	Tramway Sidings	1921	10560
88m N	Railway Sidings	1947	10560
88m N	Tramway Sidings	1878	2500
97m NE	Railway Sidings	1987	2500
106m E	Railway Sidings	1876	10560
109m N	Tramway Sidings	1878	2500
142m NE	Railway Sidings	1897	10560
143m N	Railway	1880	-
144m S	Railway Sidings	1986	2500
162m N	Railway Sidings	1897	10560
165m N	Railway Sidings	1899	2500
166m NE	Railway Sidings	1971	1250
172m N	Railway Sidings	1876	10560
173m N	Railway Sidings	1962	2500
180m NE	Tunnel	1971	1250
184m SW	Railway Sidings	1914	10560
189m NE	Railway Sidings	1962	2500
189m NE	Railway Sidings	1960	1250
190m NE	Railway Sidings	1950	1250
190m NE	Railway Sidings	1986	2500
190m N	Railway Sidings	1921	10560
193m N	Railway Sidings	1919	2500
194m SW	Railway Sidings	1919	2500
196m N	Railway Sidings	1899	2500
209m NE	Railway Sidings	1919	2500
210m N	Tramway Sidings	1878	2500

Location	Land Use	Year of mapping	Mapping scale
226m NE	Railway Sidings	1962	2500
226m NE	Railway Sidings	1986	2500
226m NE	Railway Sidings	1950	1250
236m NE	Railway Sidings	1921	10560
237m NE	Railway Sidings	1897	10560
238m N	Railway Sidings	1962	2500
242m NE	Railway Sidings	1899	2500
242m NE	Railway Sidings	1919	2500
245m NE	Railway Sidings	1970	1250
246m NE	Mineral Railway Sidings	1988	10000
246m NE	Mineral Railway Sidings	1964	10560

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m	0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m	2

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

Features are displayed on the Railway infrastructure and projects map on **page 257 >**

Location	Description
On site	**Abandoned**
237m NE	Abandoned

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m	0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 2

Records within 500m	0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.9 HS2

Records within 500m	0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

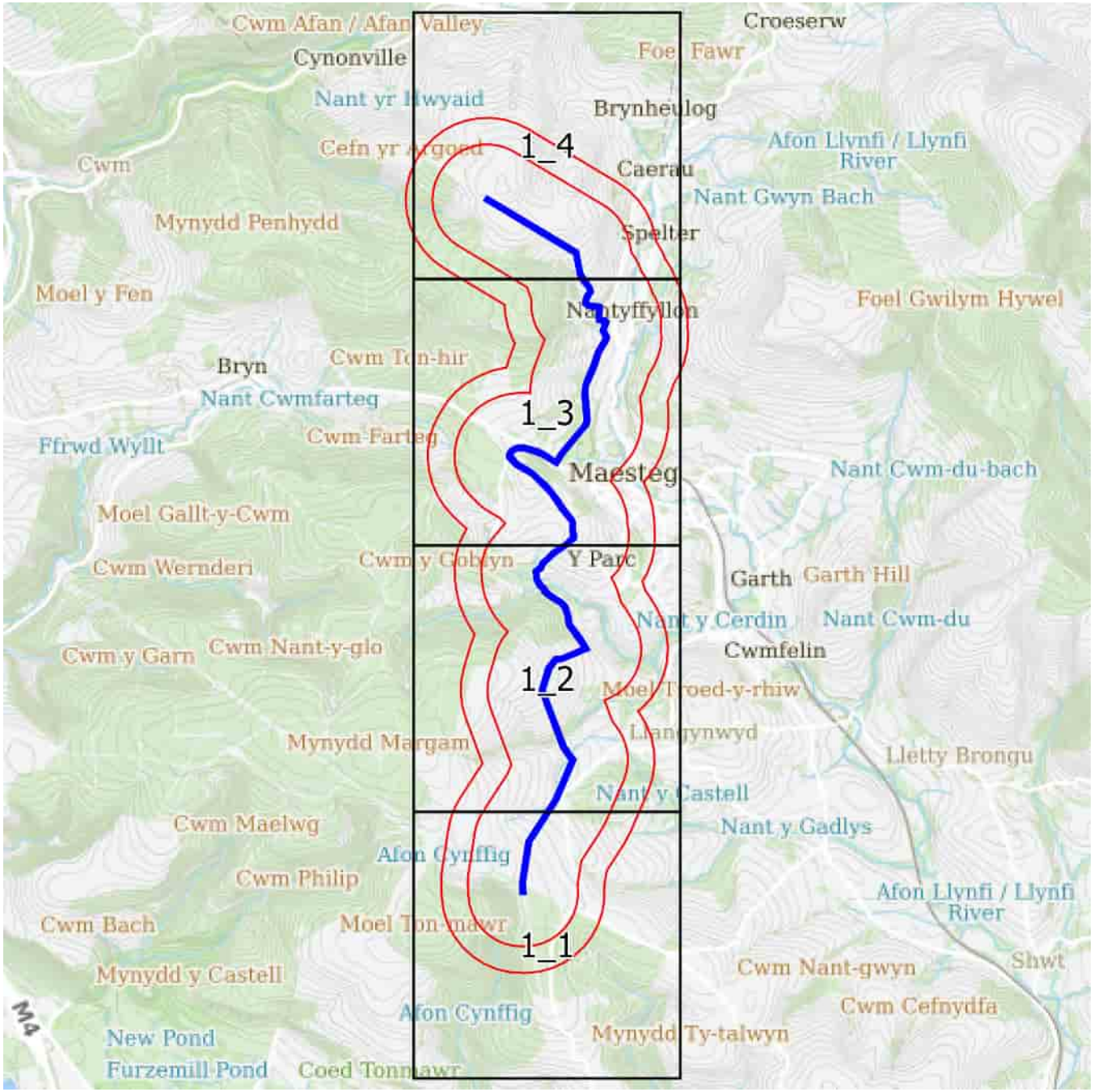
This data is sourced from HS2 ltd.

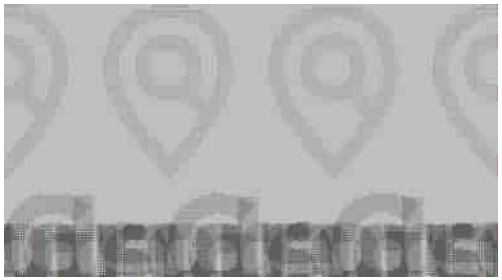
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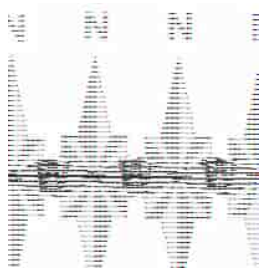
Terms and conditions

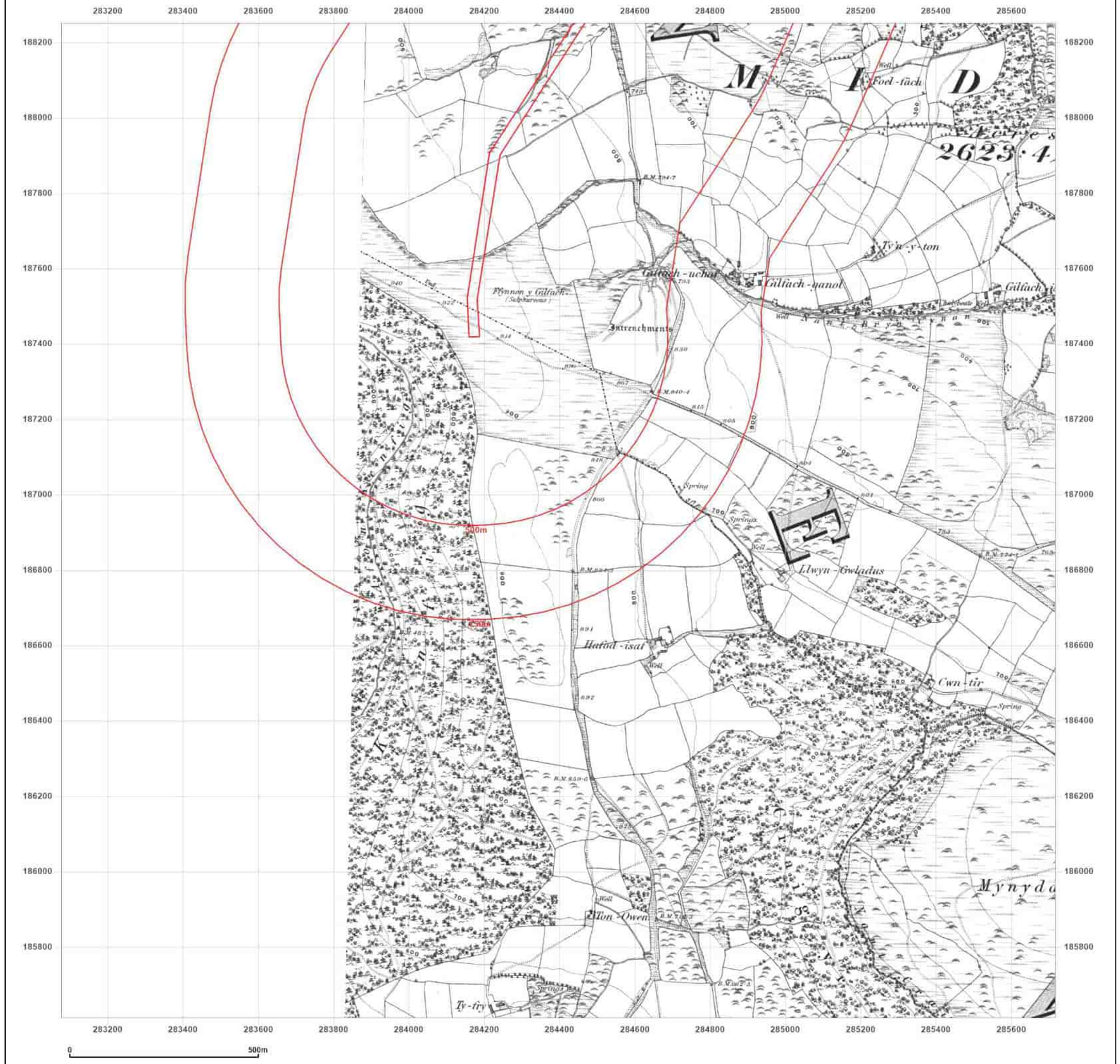
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Small Scale Grid Index





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Grid Ref: 284396, 186931

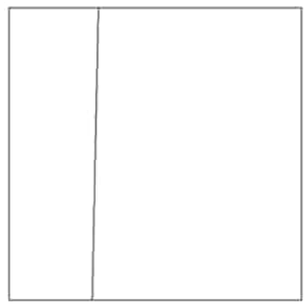
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Map date: **1876**

Scale: 1:10,560

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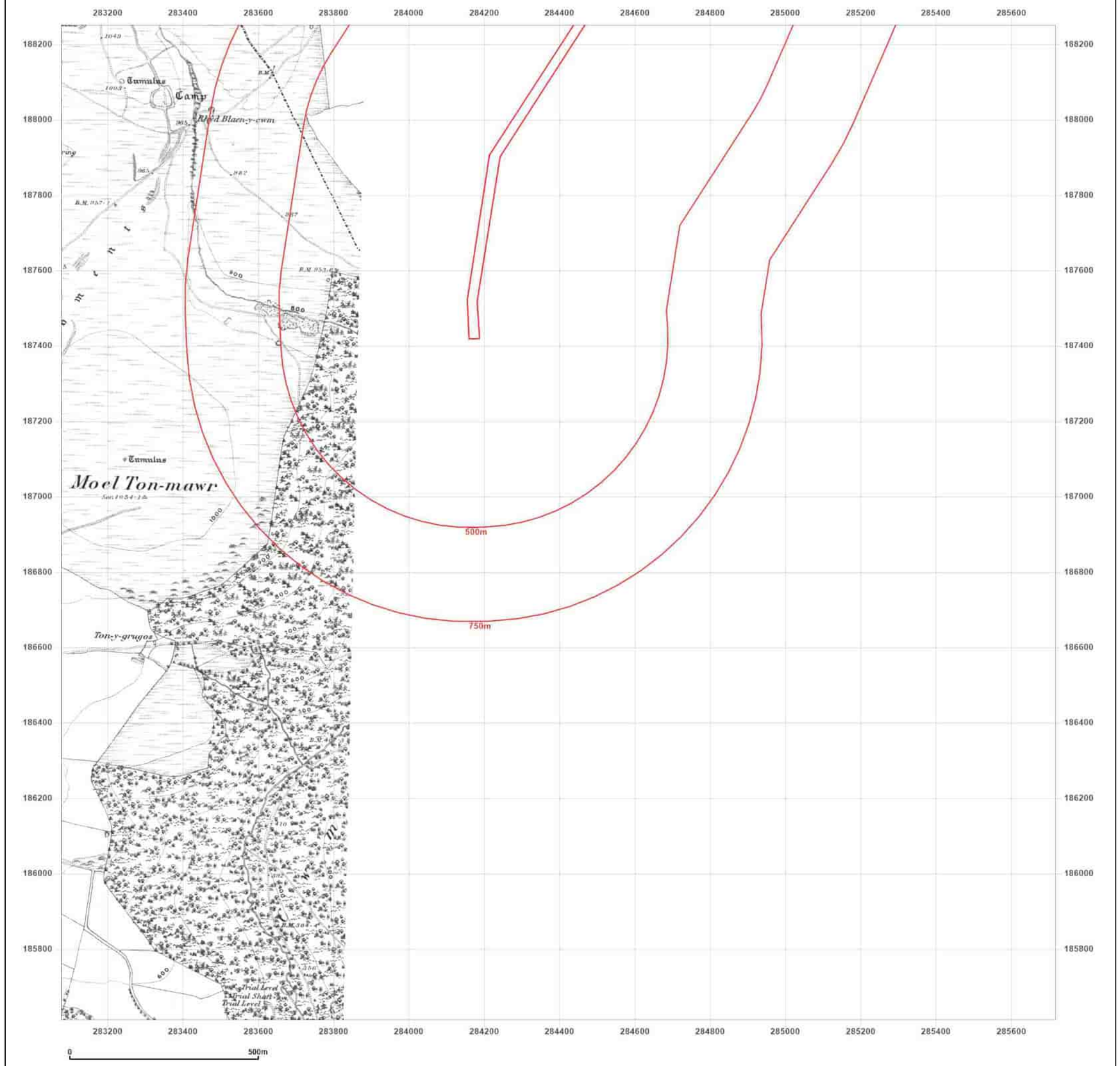
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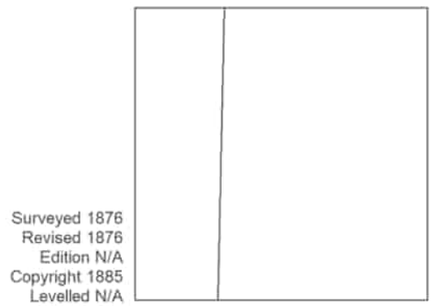
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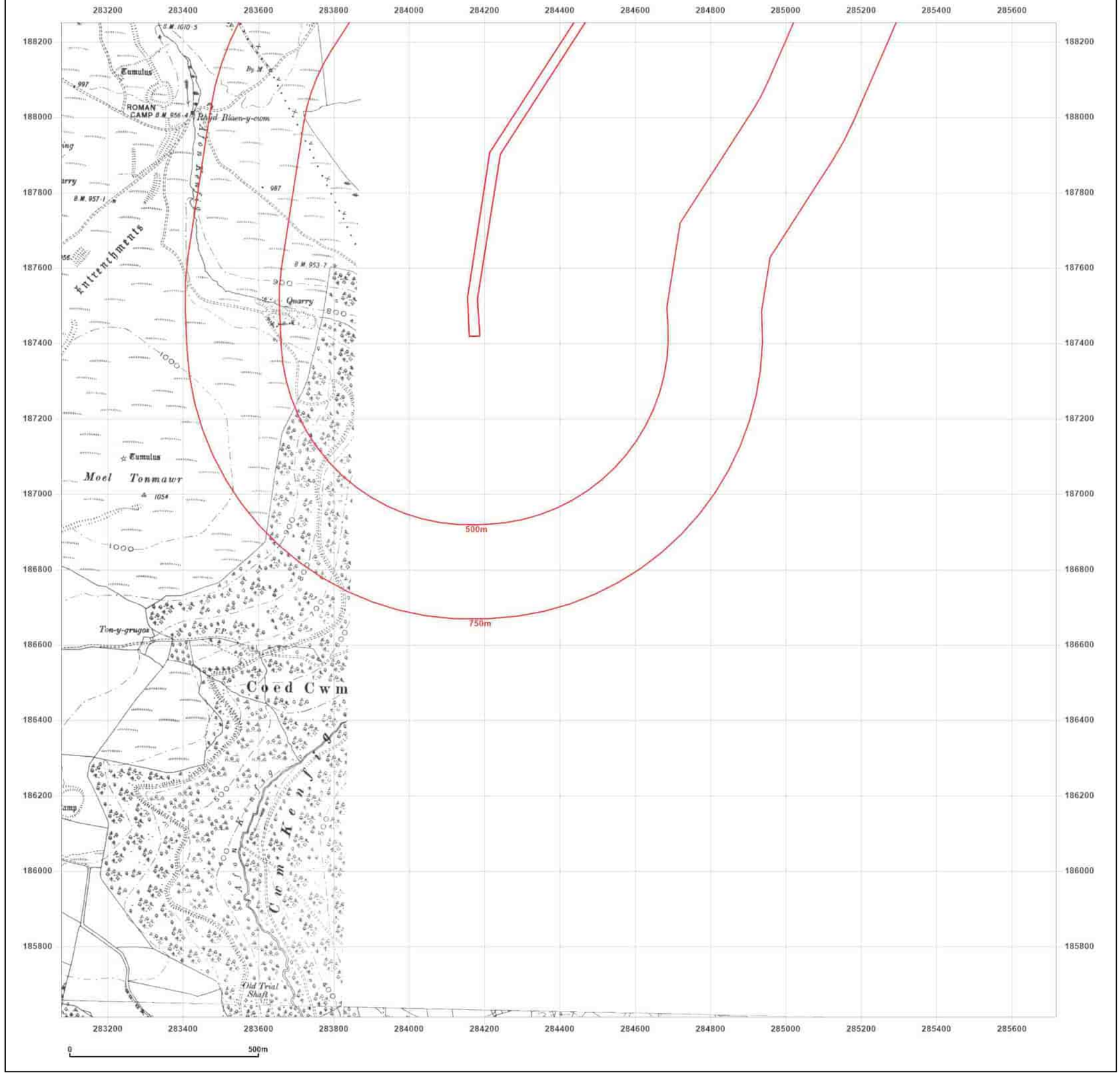
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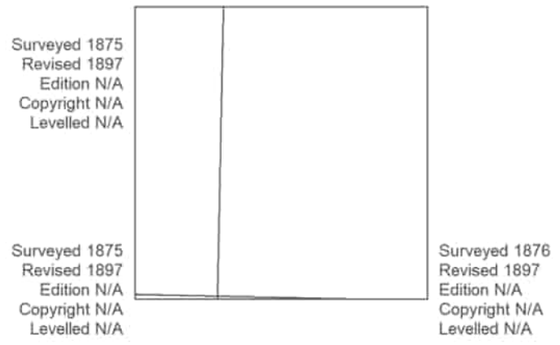
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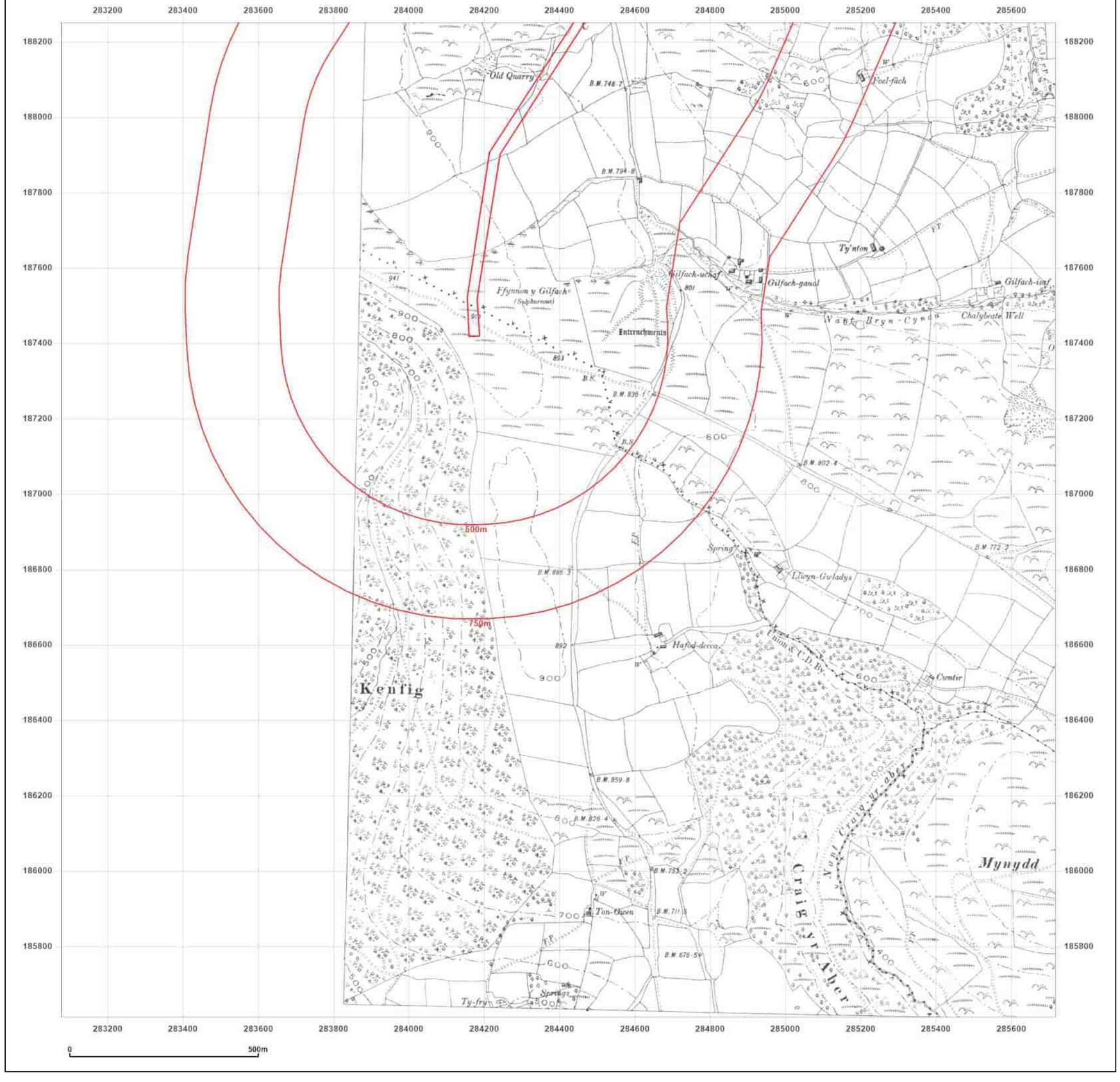
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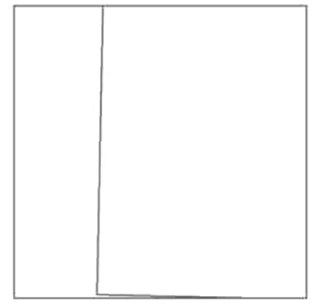
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Scale: 1:10,560

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Revised 1897
Edition N/A
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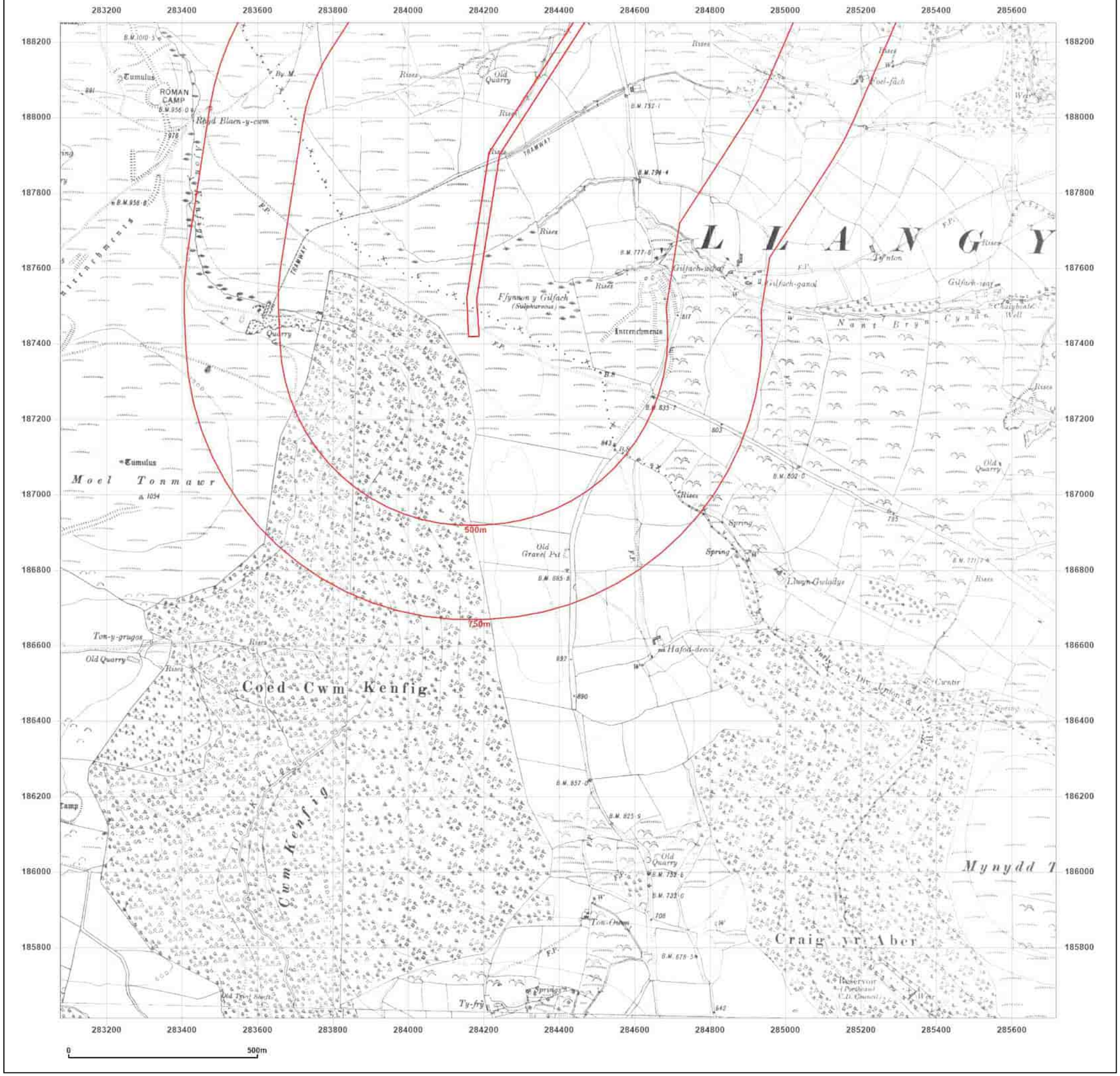
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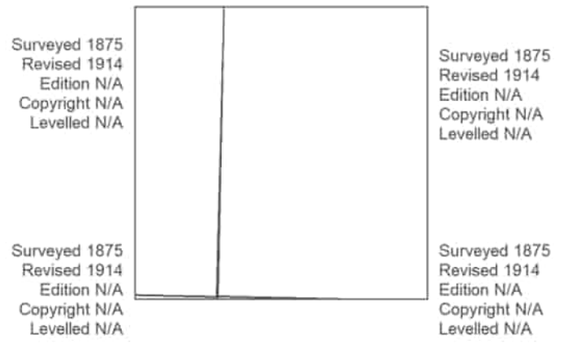
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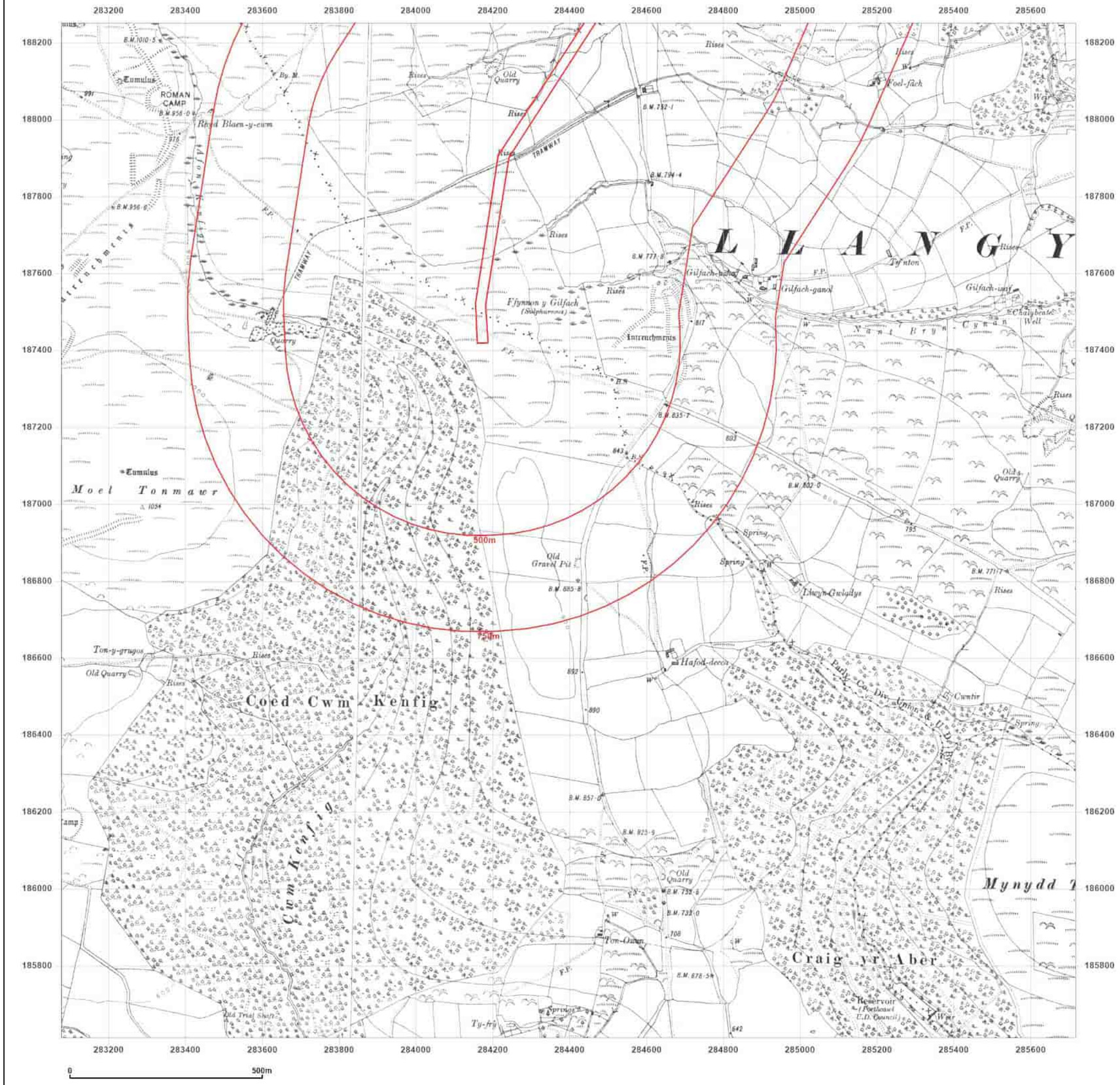


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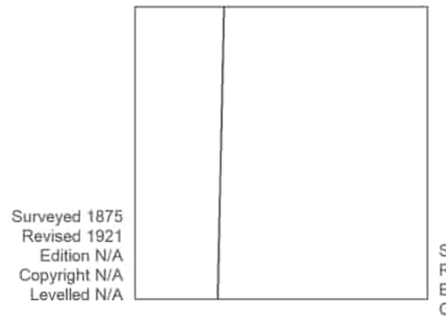
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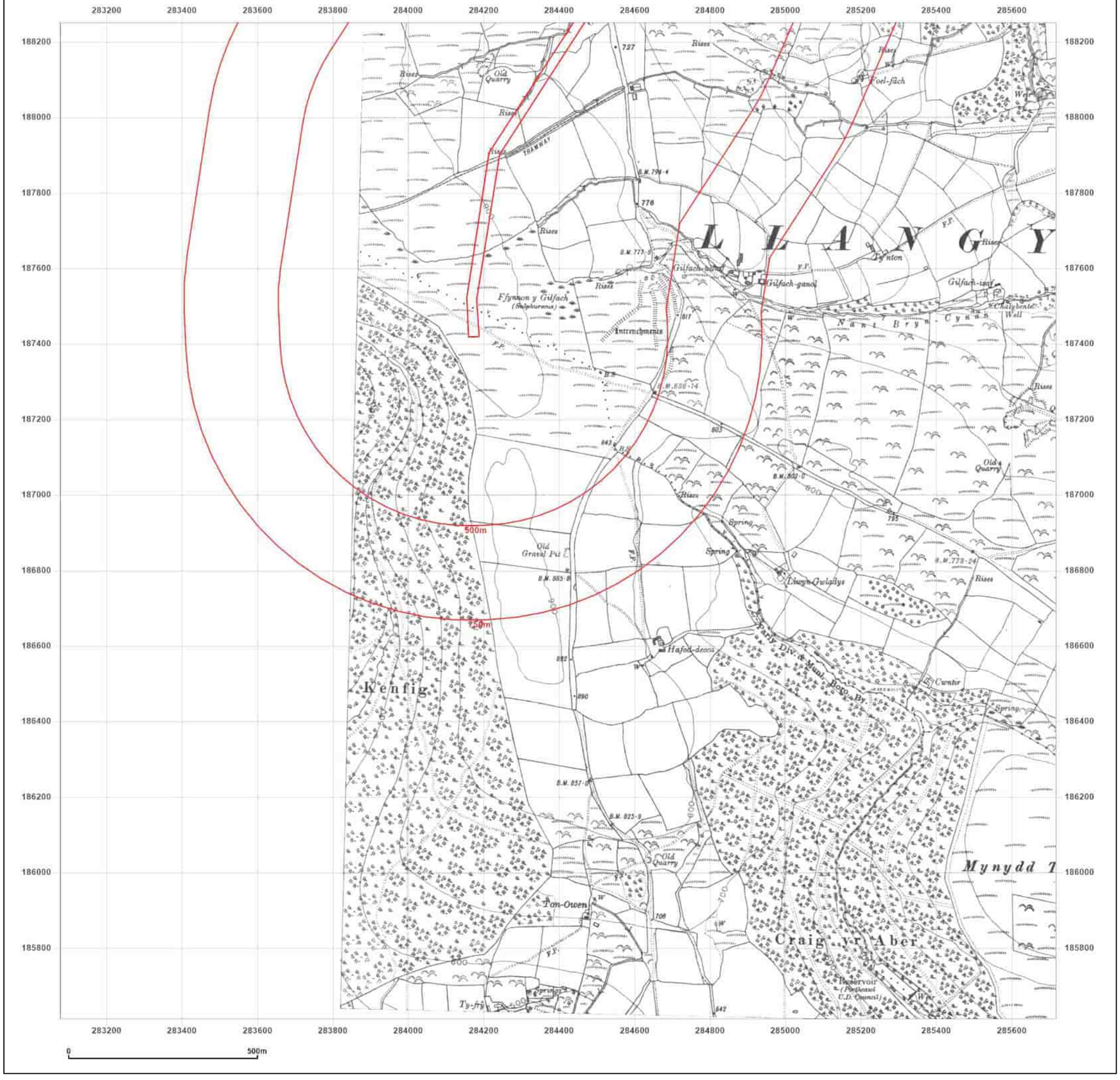
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Grid Ref: 284396, 186931

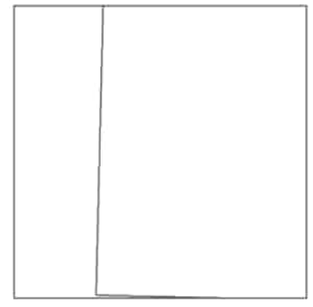
Map Name: County Series

Map date: **1938**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1875
Revised 1938
Edition 1938
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

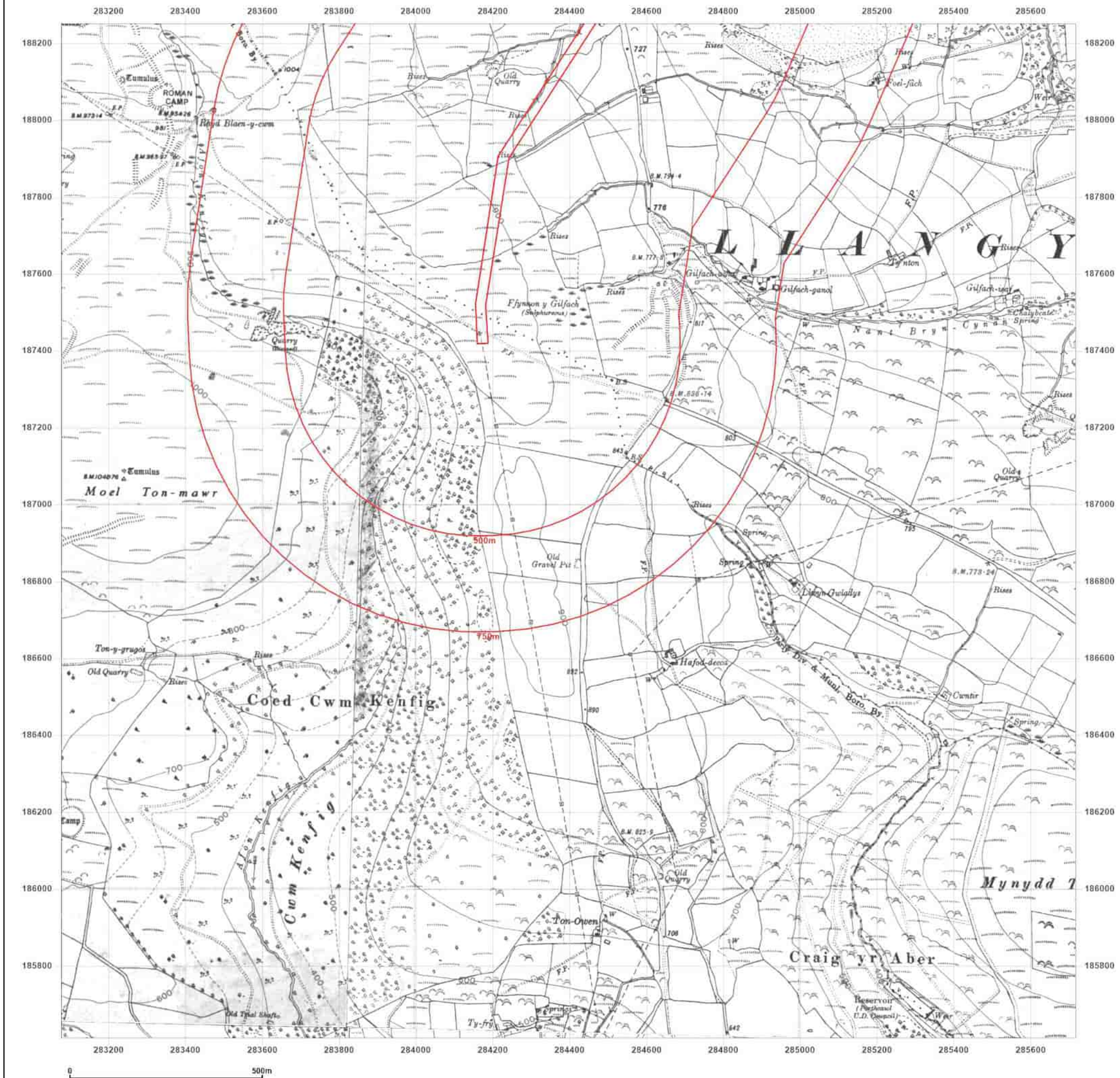
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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_1
Grid Ref: 284396, 186931

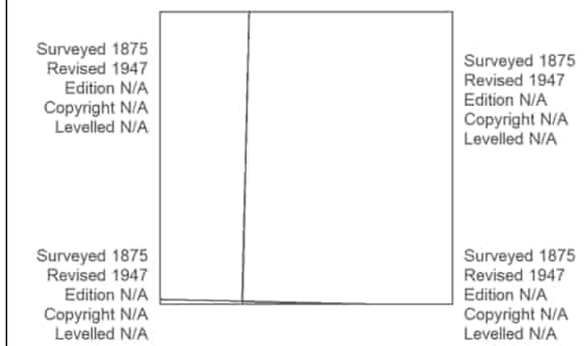
Map Name: County Series

Map date: **1947**

Scale: 1:10,560

Printed at: 1:10,560

N
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Groundsure INSIGHTS

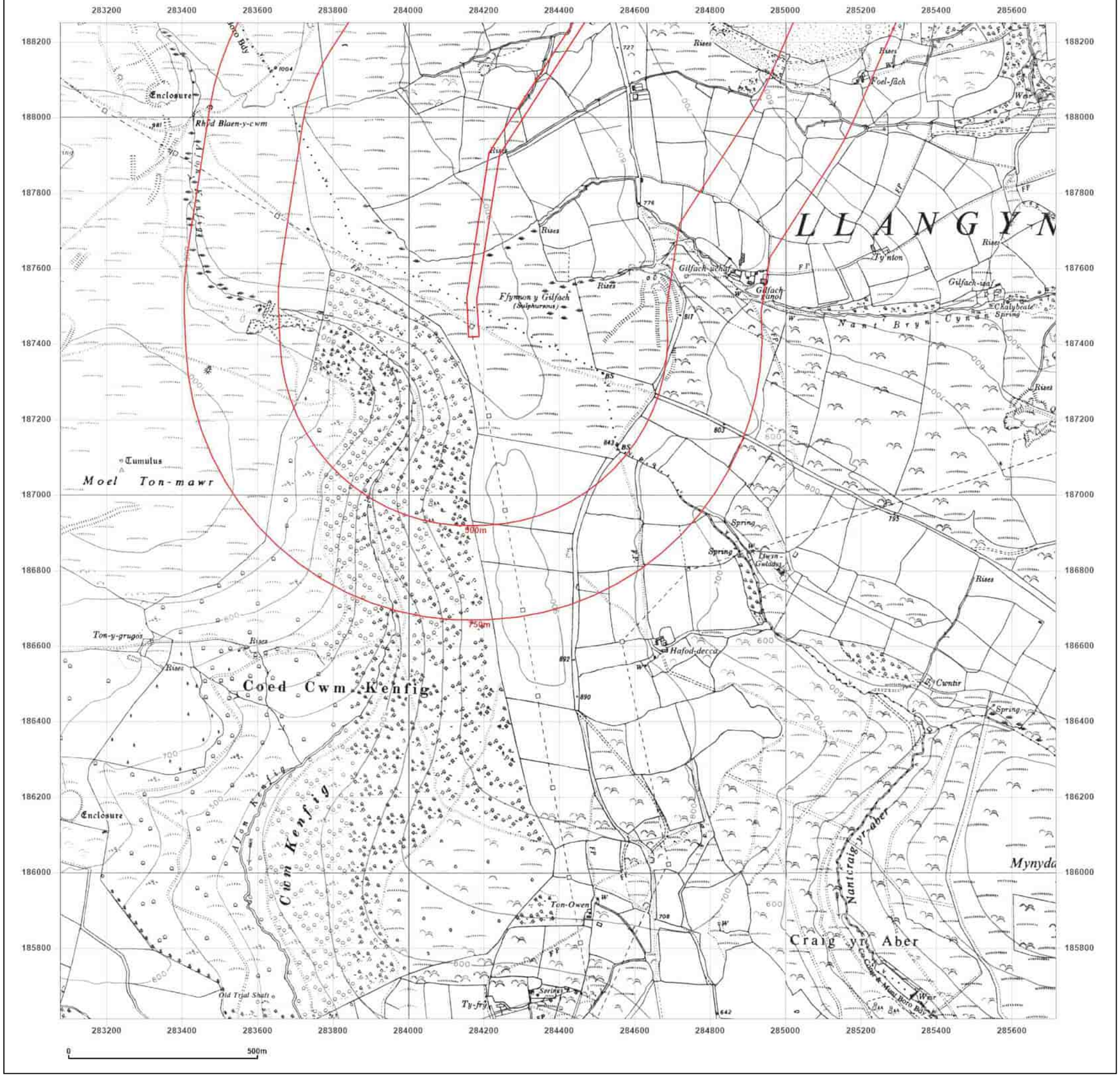
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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_1
Grid Ref: 284396, 186931

Map Name: Provisional

Map date: **1947-1948**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1947
Revised 1947
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1948
Revised 1948
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

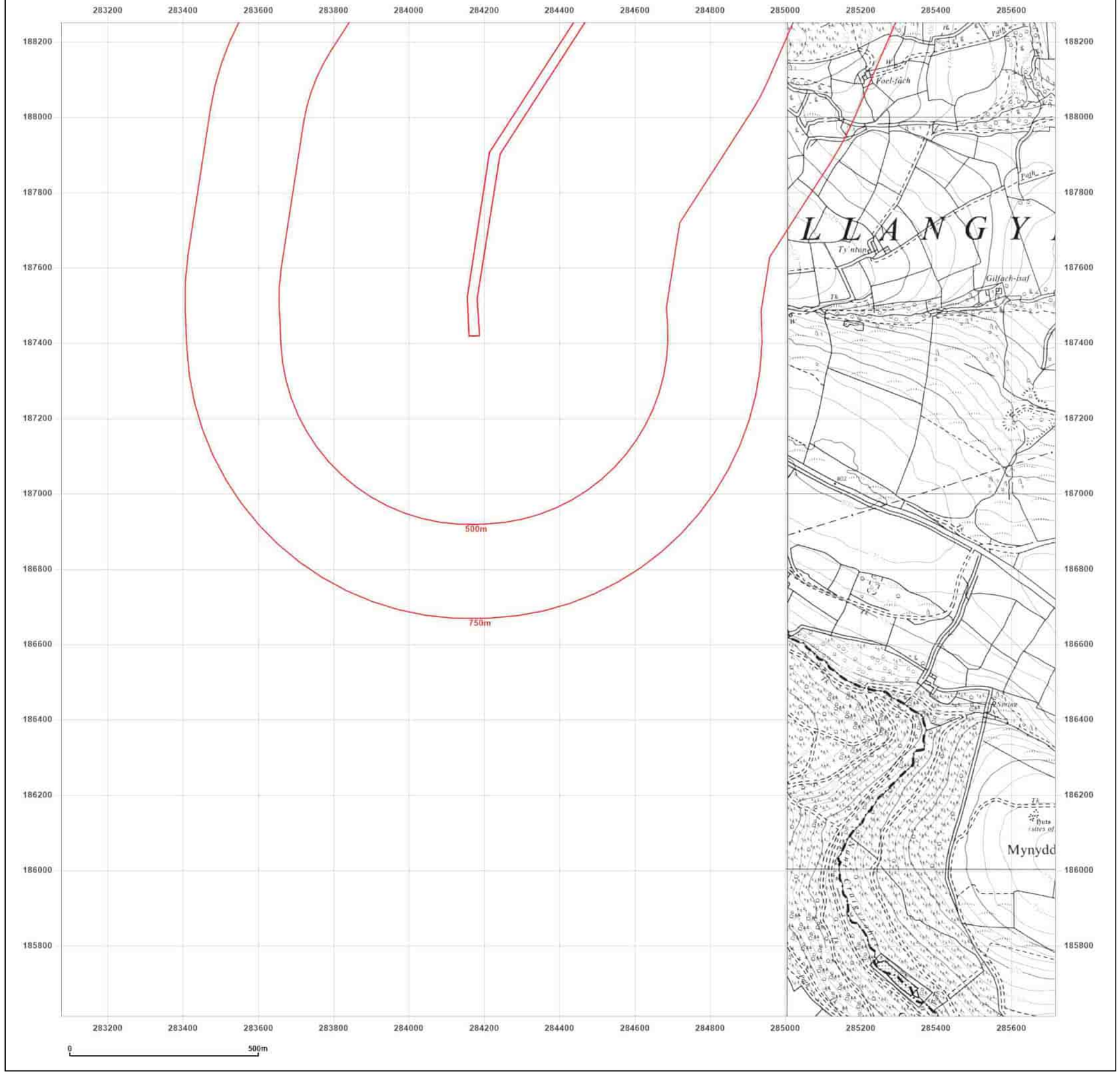
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_1
Grid Ref: 284396, 186931

Map Name: Provisional

Map date: **1970**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1970
Revised 1970
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

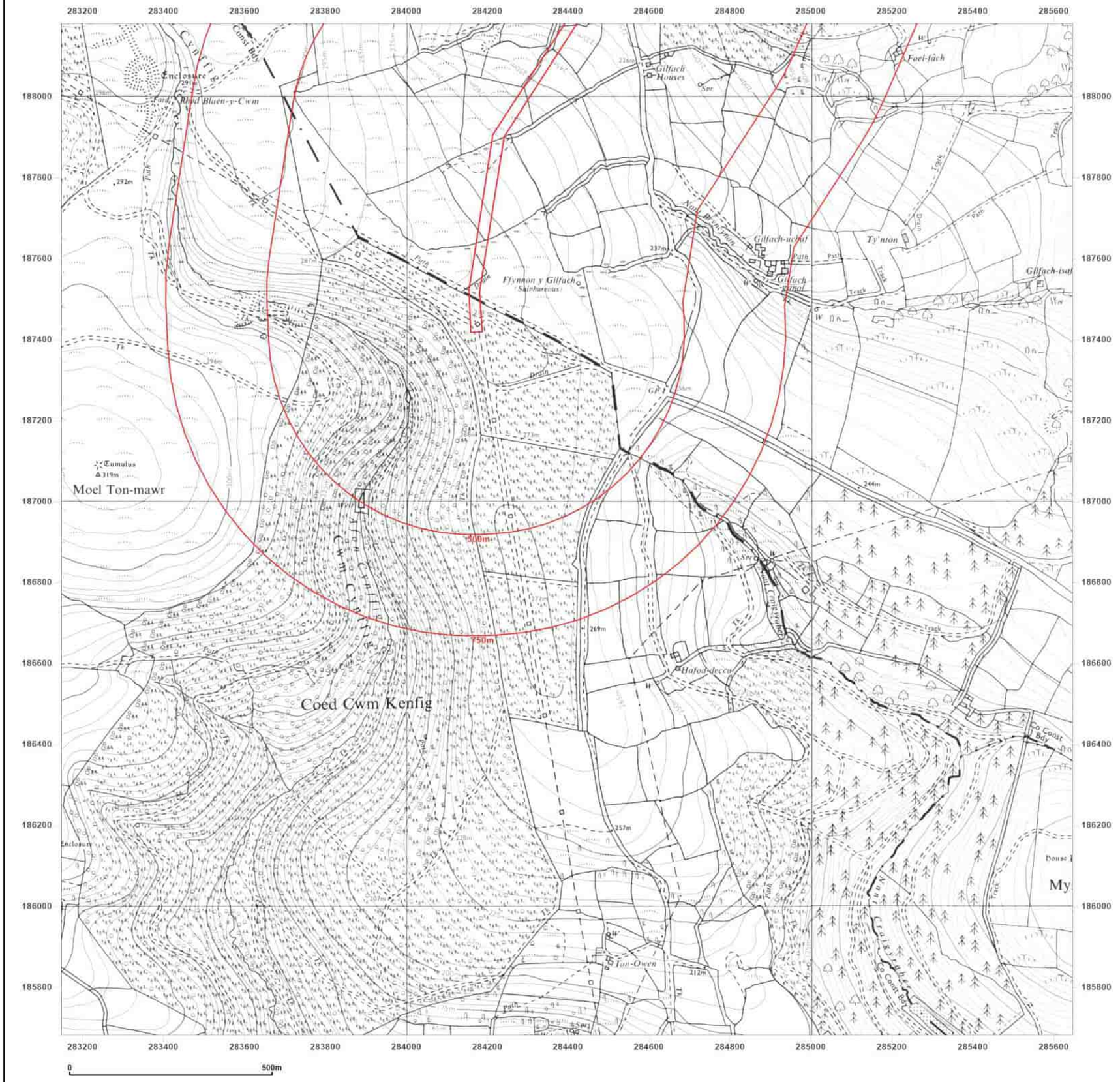
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_1
Grid Ref: 284396, 186931

Map Name: National Grid

Map date: **1985-1988**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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Surveyed 1963
Revised 1988
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1982
Revised 1985
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

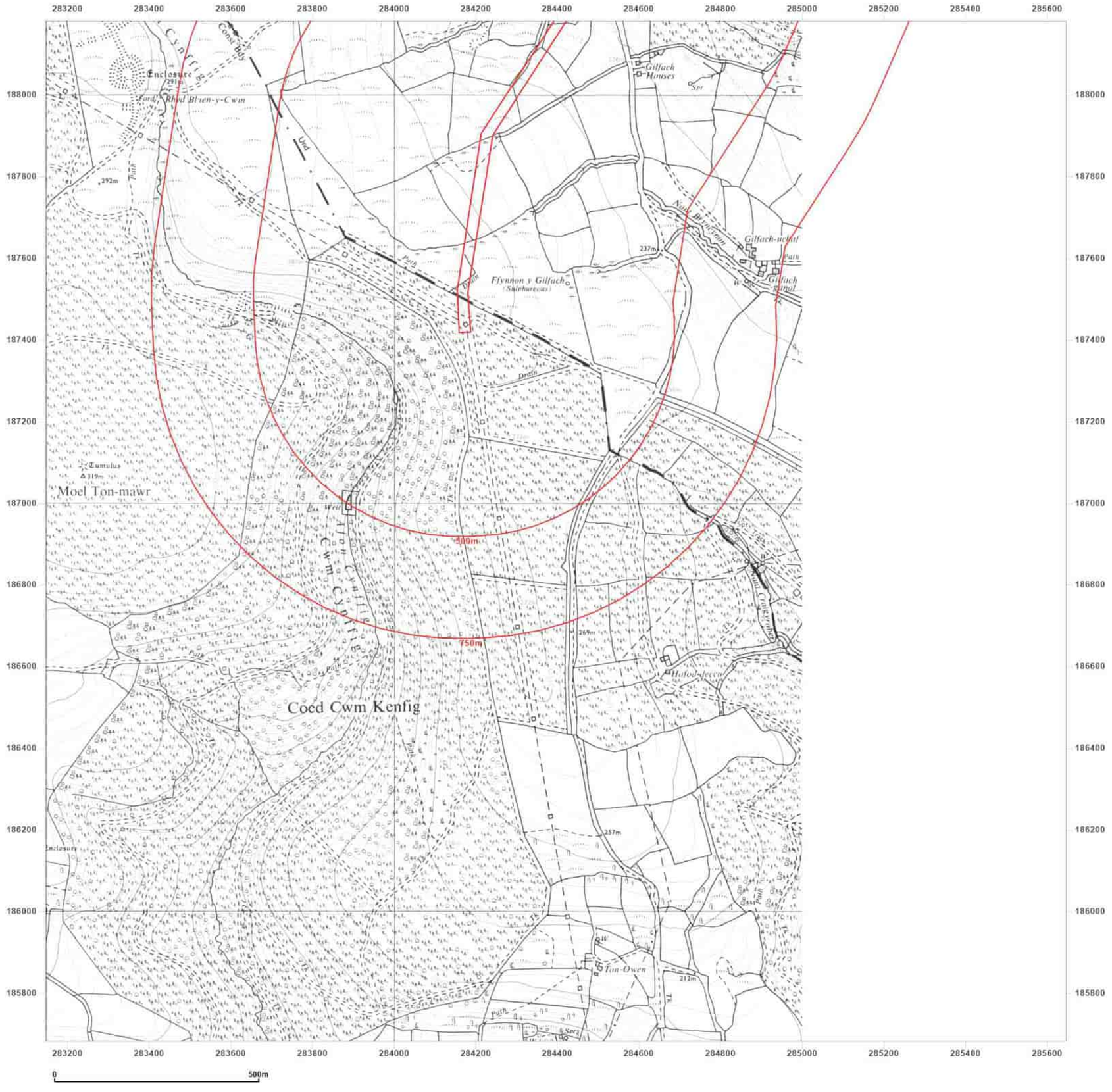
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_1
Grid Ref: 284396, 186931

Map Name: National Grid

Map date: **1990**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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Surveyed 1963
Revised 1990
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

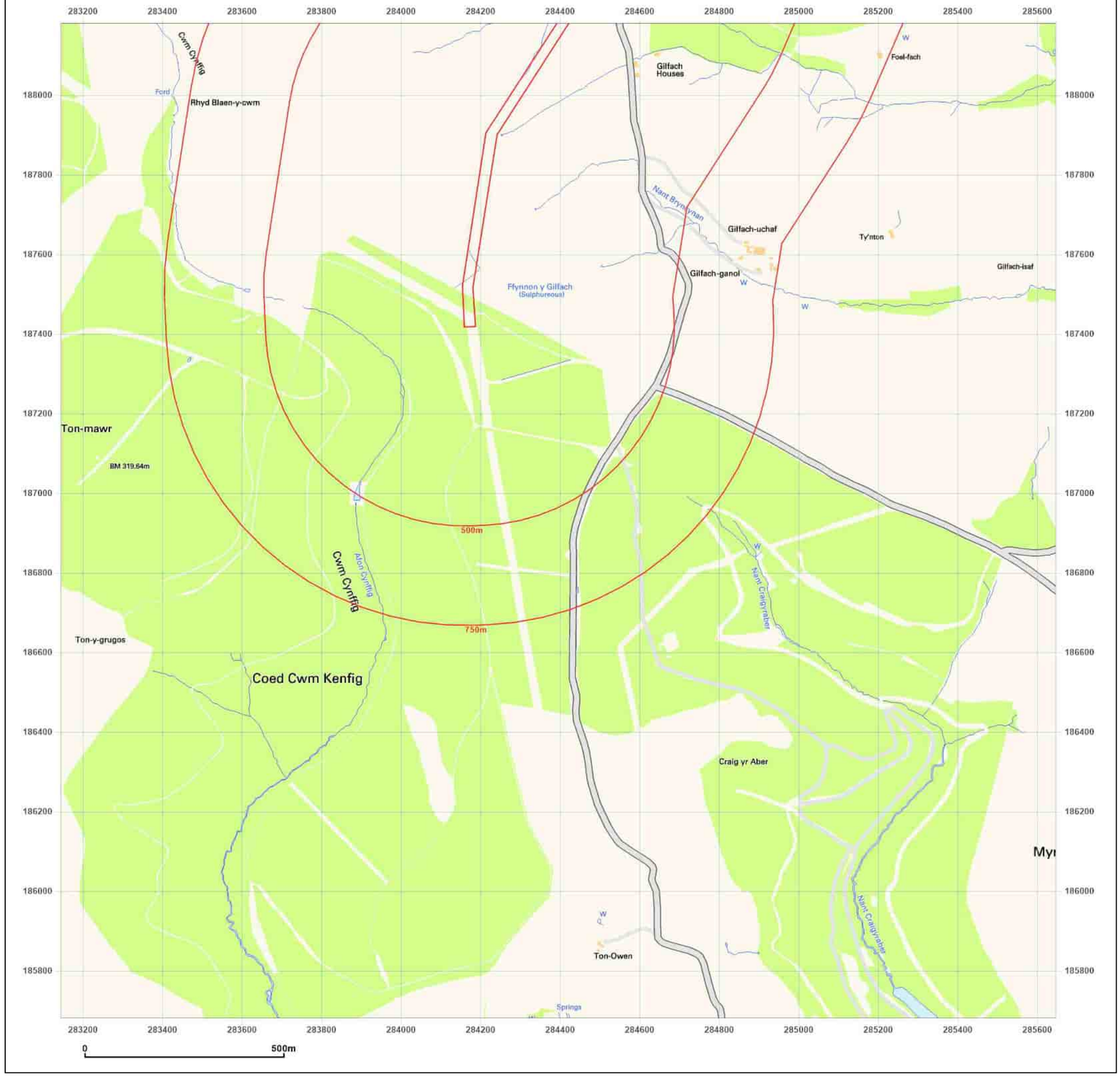
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_1
Grid Ref: 284396, 186931

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

N
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2001

Groundsure INSIGHTS

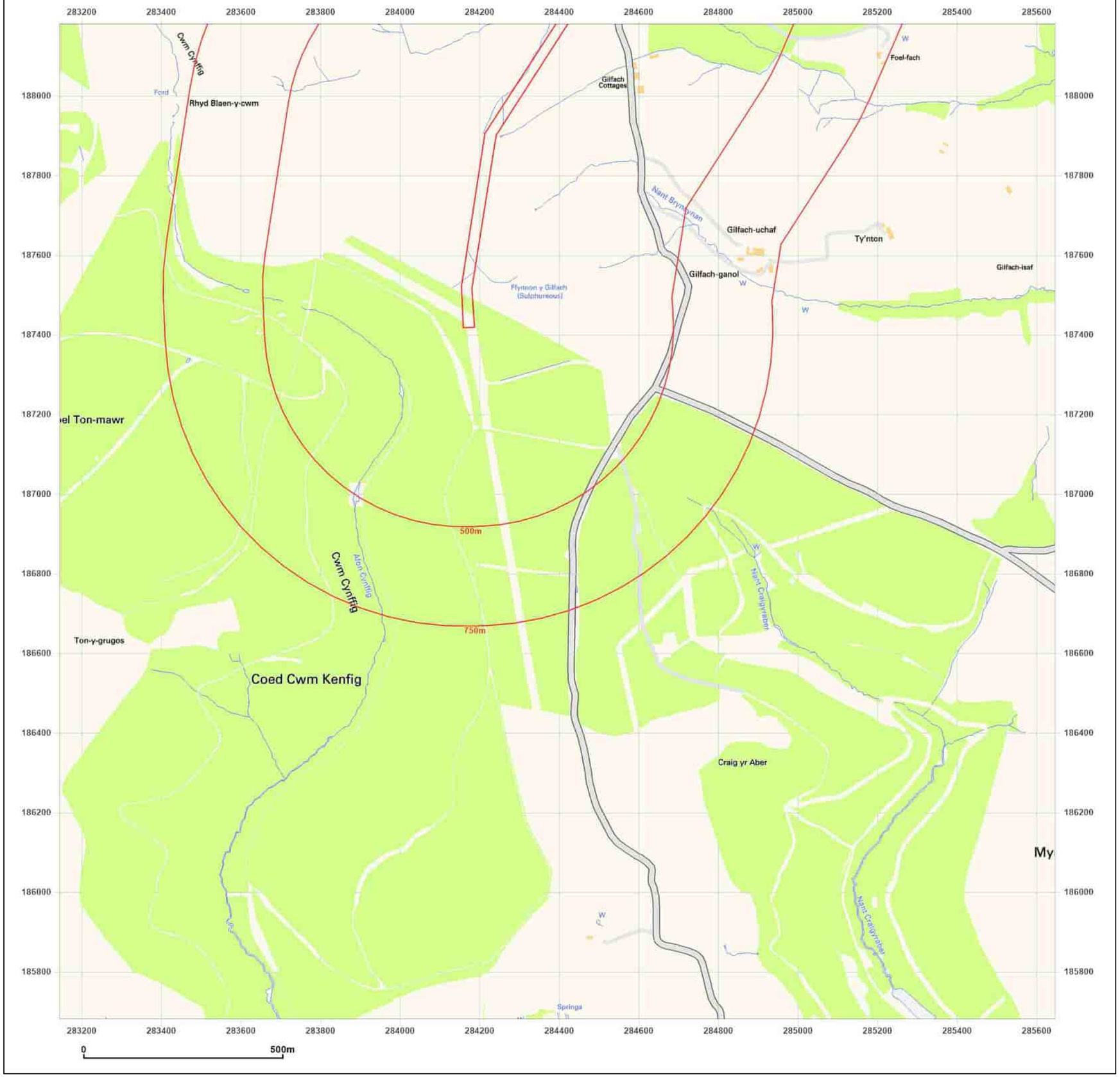
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_1
Grid Ref: 284396, 186931

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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2010

Groundsure INSIGHTS

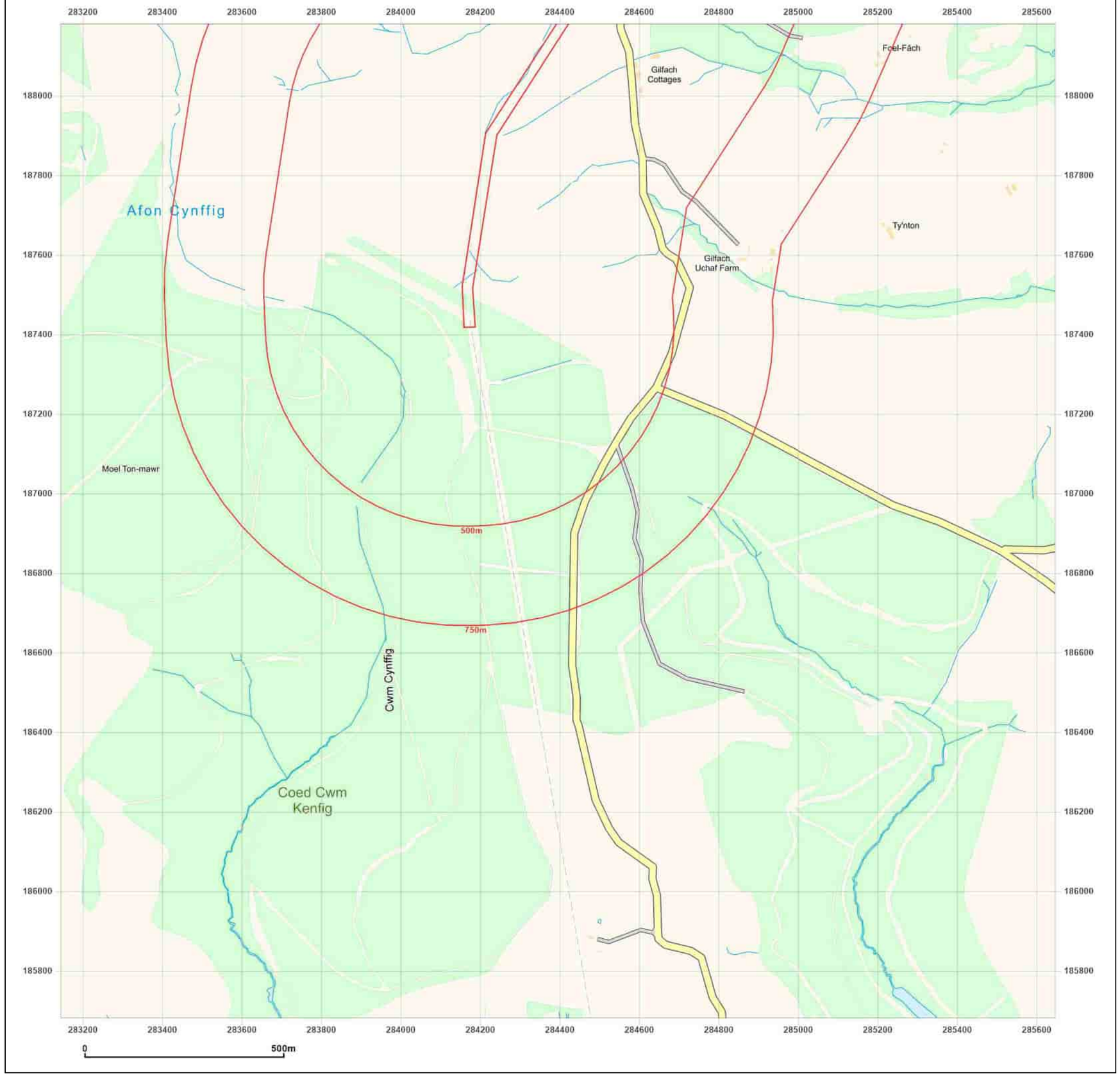
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_1
Grid Ref: 284396, 186931

Map Name: National Grid

Map date: **2025**

Scale: 1:10,000

Printed at: 1:10,000

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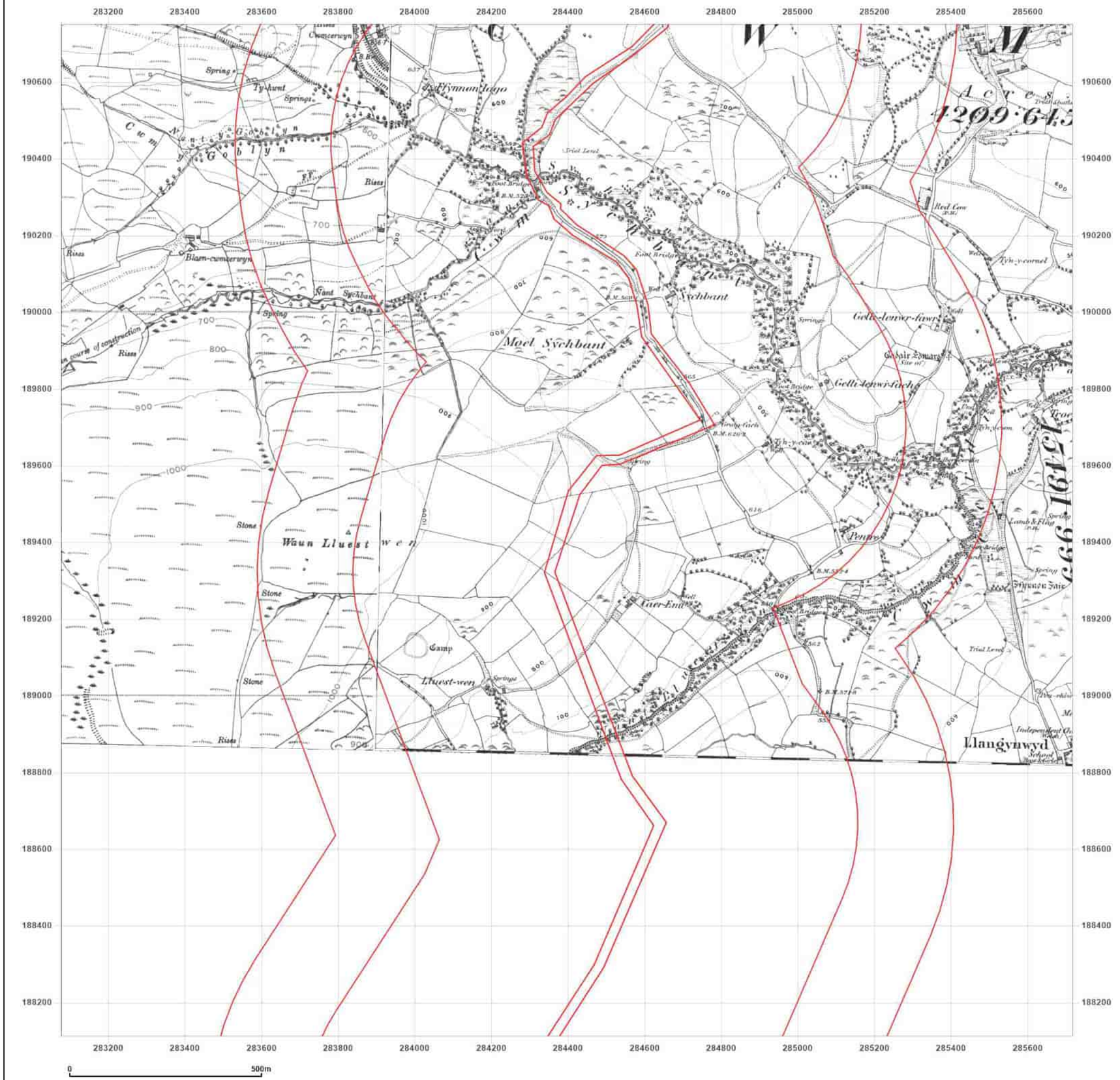
2025

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

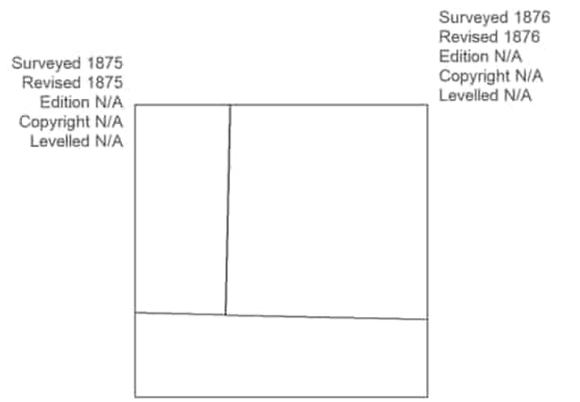
Map Name: County Series

Map date: **1875-1876**

Scale: 1:10,560

Printed at: 1:10,560

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Groundsure INSIGHTS

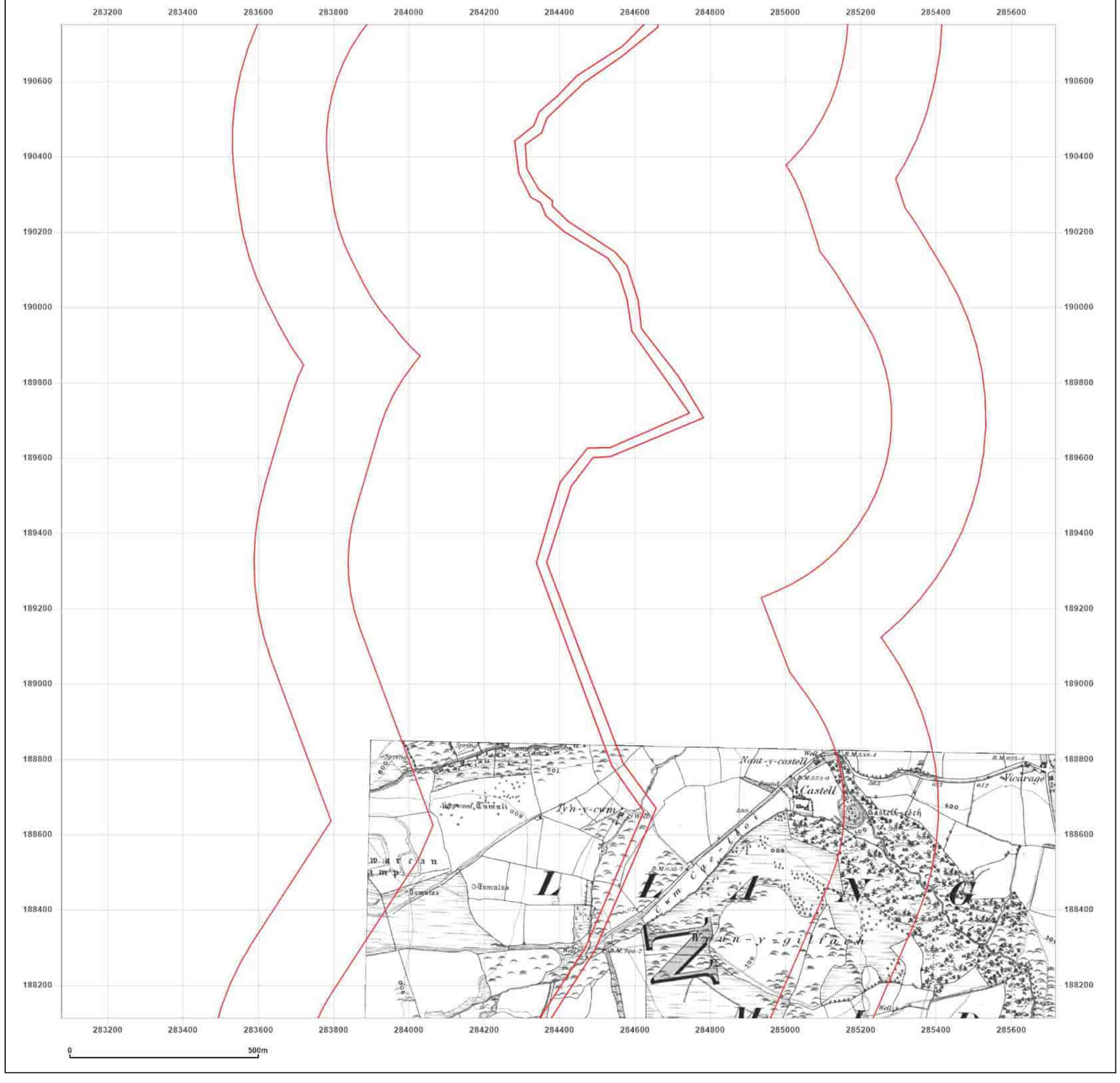
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Production date: 04 March 2025

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

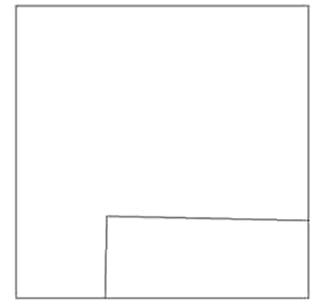
Map Name: County Series

Map date: **1876**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1876
Revised 1876
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

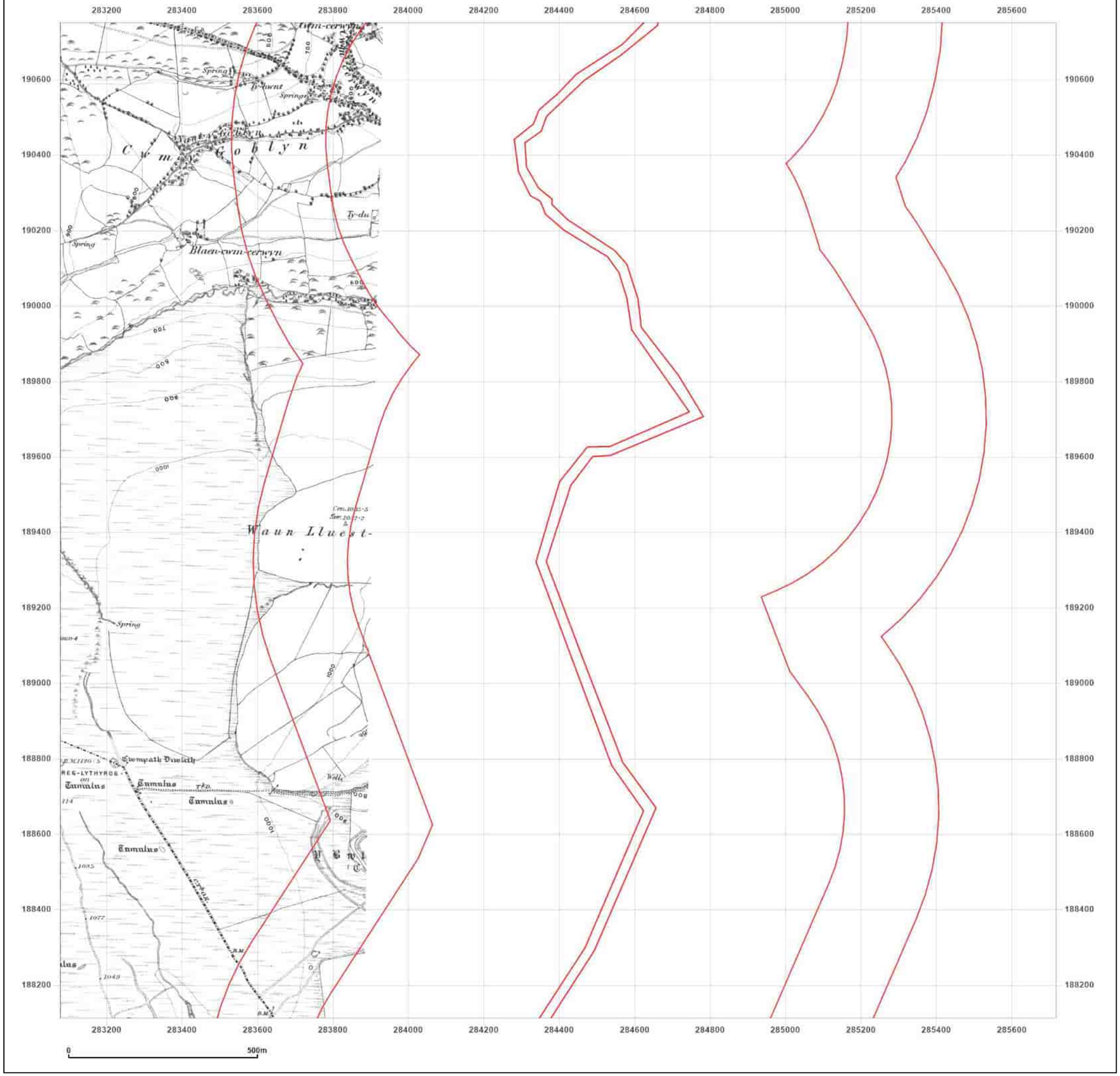
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Production date: 04 March 2025

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

Map Name: County Series

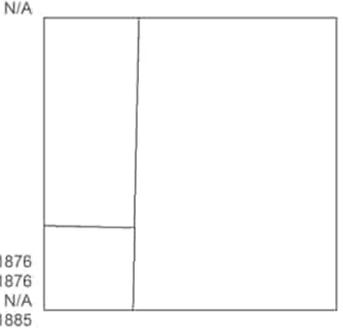
Map date: **1884-1885**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1877
Revised N/A
Edition 1884
Copyright N/A
Levelled N/A



Surveyed 1876
Revised 1876
Edition N/A
Copyright 1885
Levelled N/A

Groundsure INSIGHTS

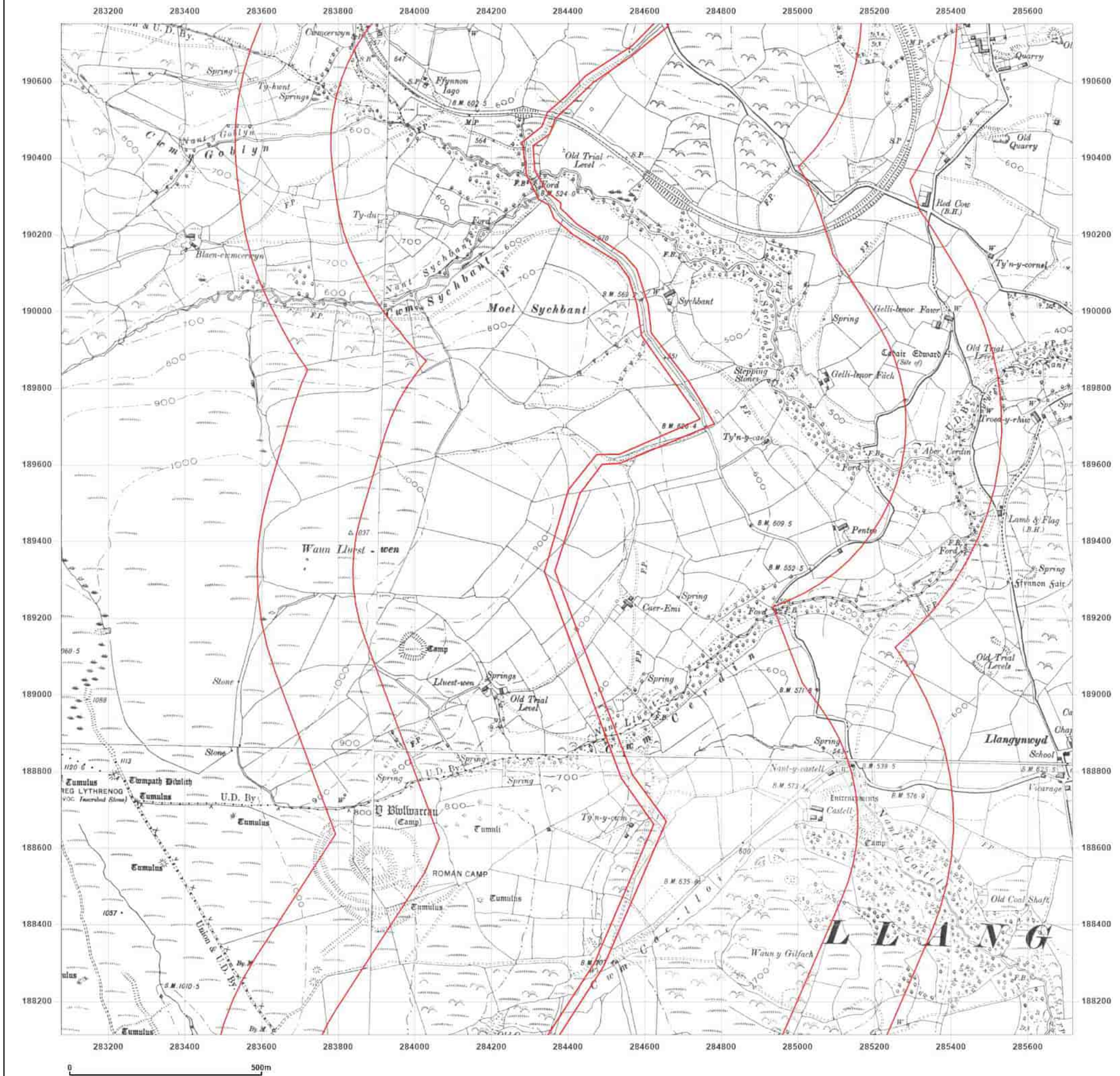
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Site Details:

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Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

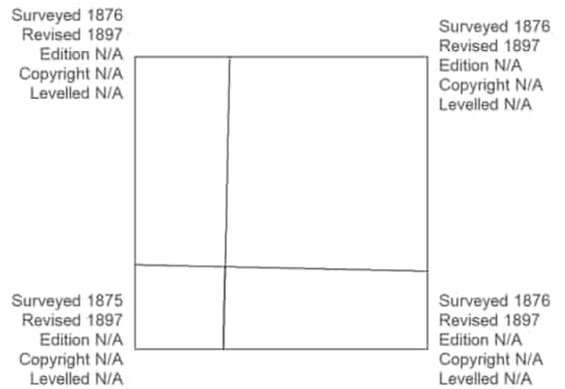
Map Name: County Series

Map date: **1897**

Scale: 1:10,560

Printed at: 1:10,560

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Groundsure INSIGHTS

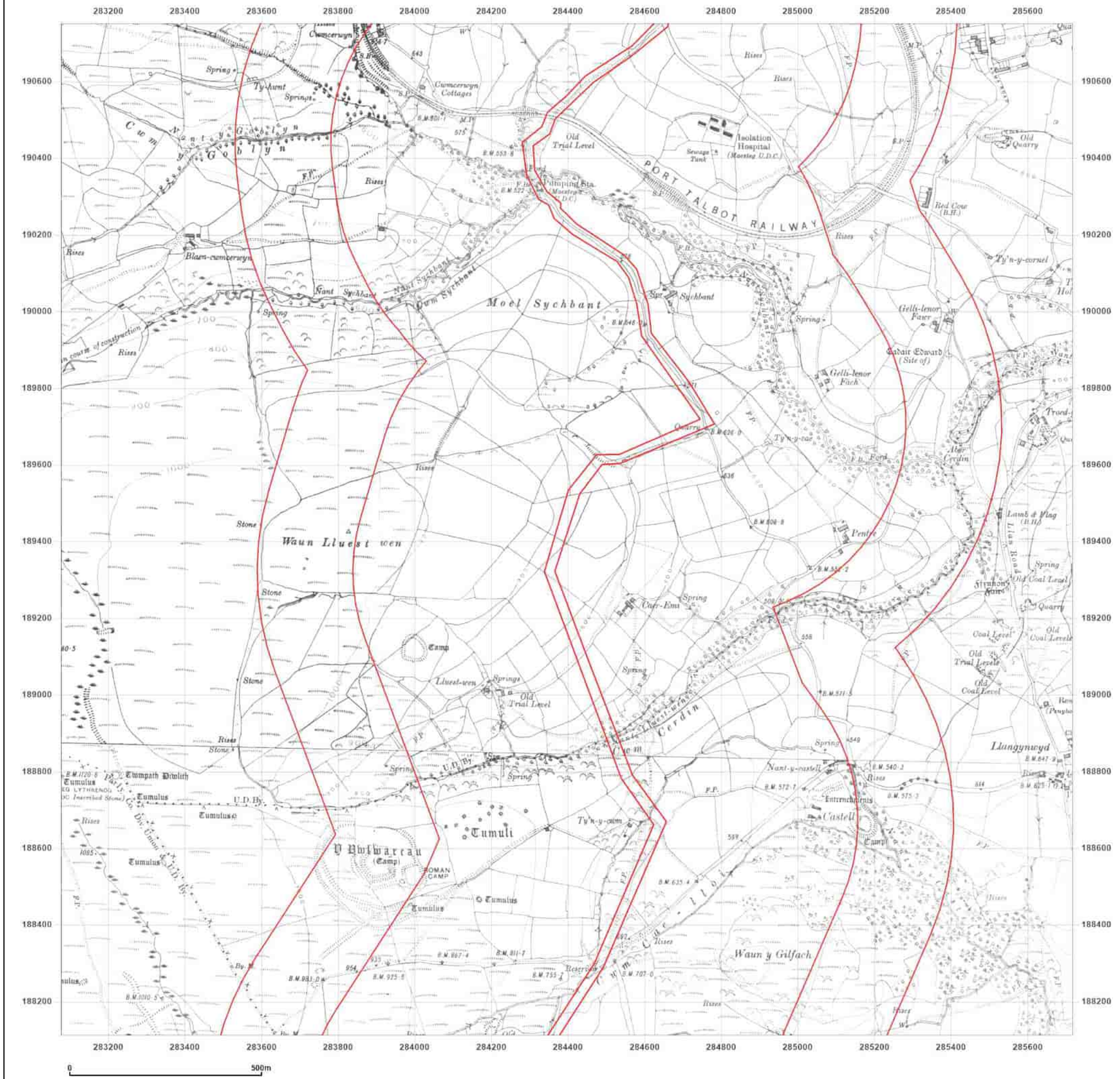
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Site Details:

FTN boundary

Client Ref: R123054UK001
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Grid Ref: 284396, 189431

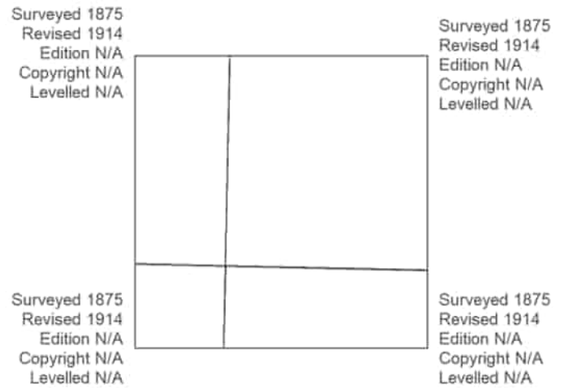
Map Name: County Series

Map date: **1914**

Scale: 1:10,560

Printed at: 1:10,560

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Groundsure INSIGHTS

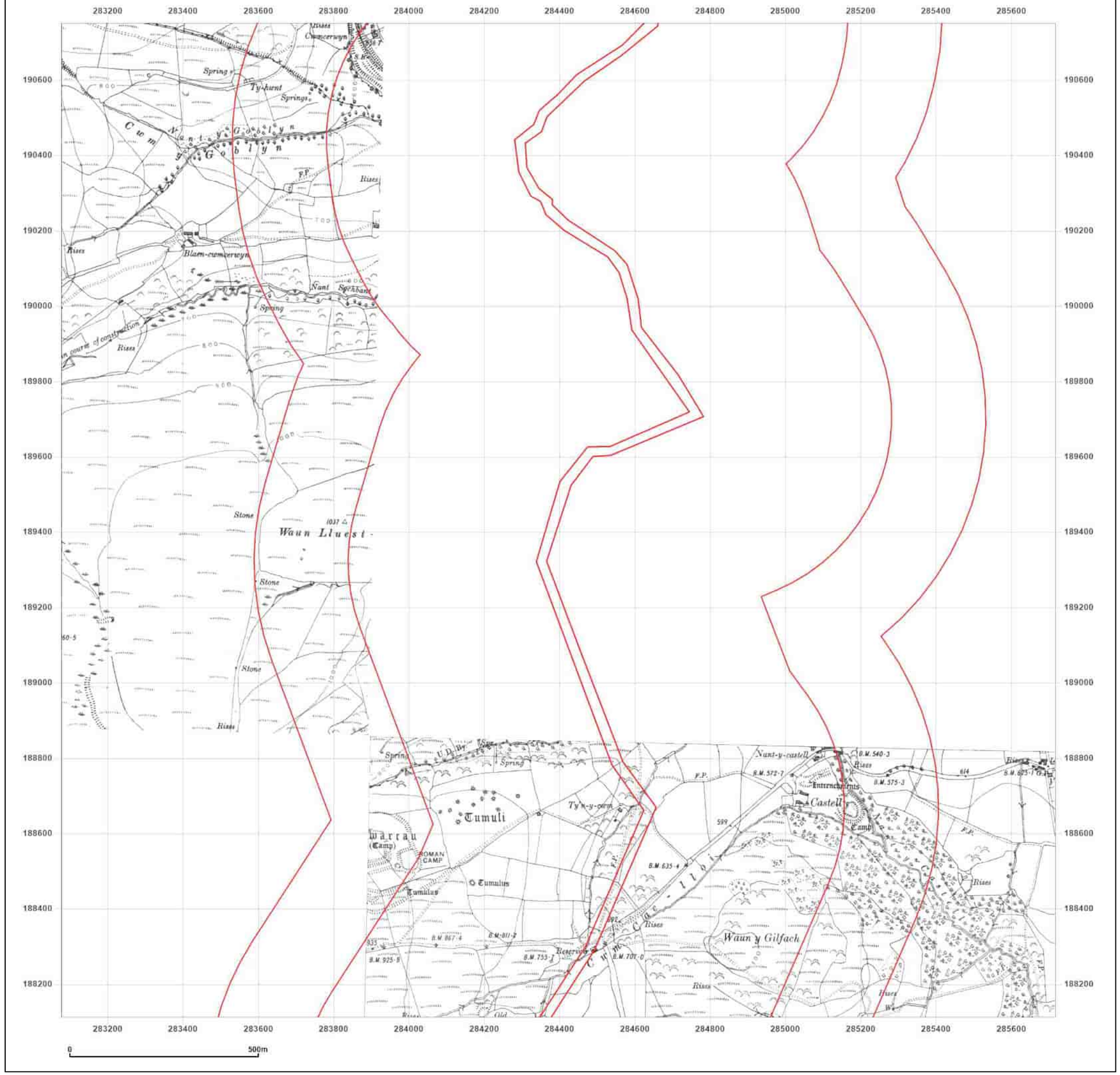
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

Map Name: County Series

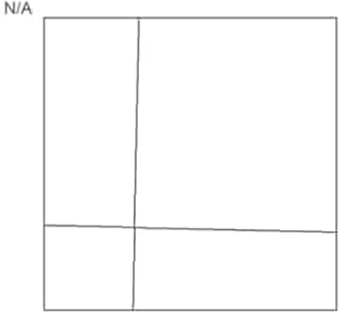
Map date: **1921**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1875
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1875
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

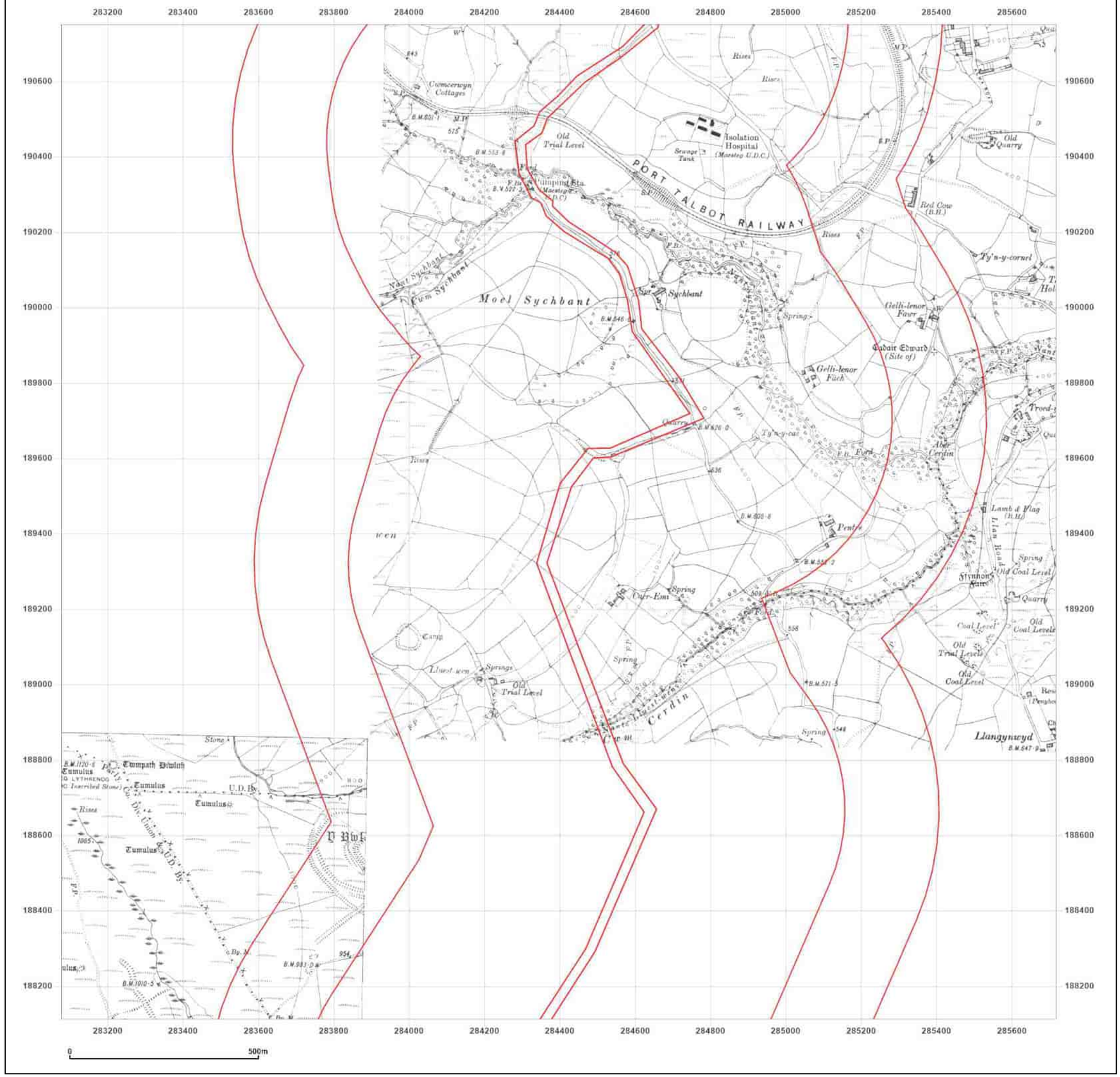
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

Map Name: County Series

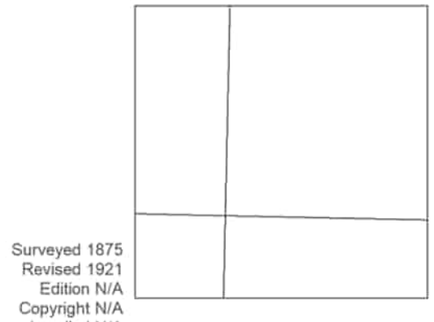
Map date: **1921**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1875
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1875
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

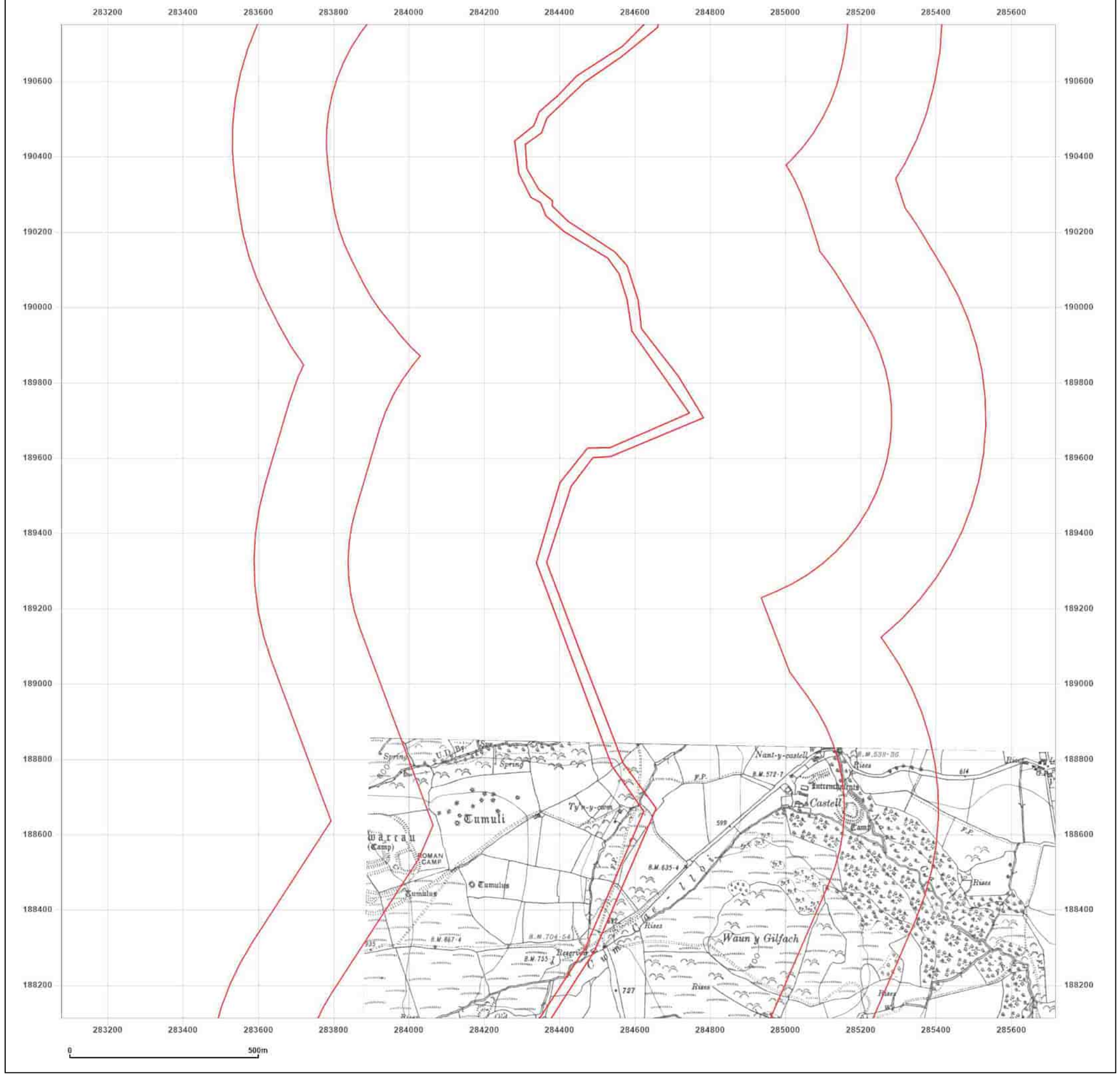
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wsp

Site Details:

FTN boundary

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Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

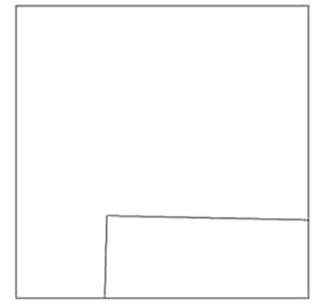
Map Name: County Series

Map date: **1938**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1875
Revised 1938
Edition 1938
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

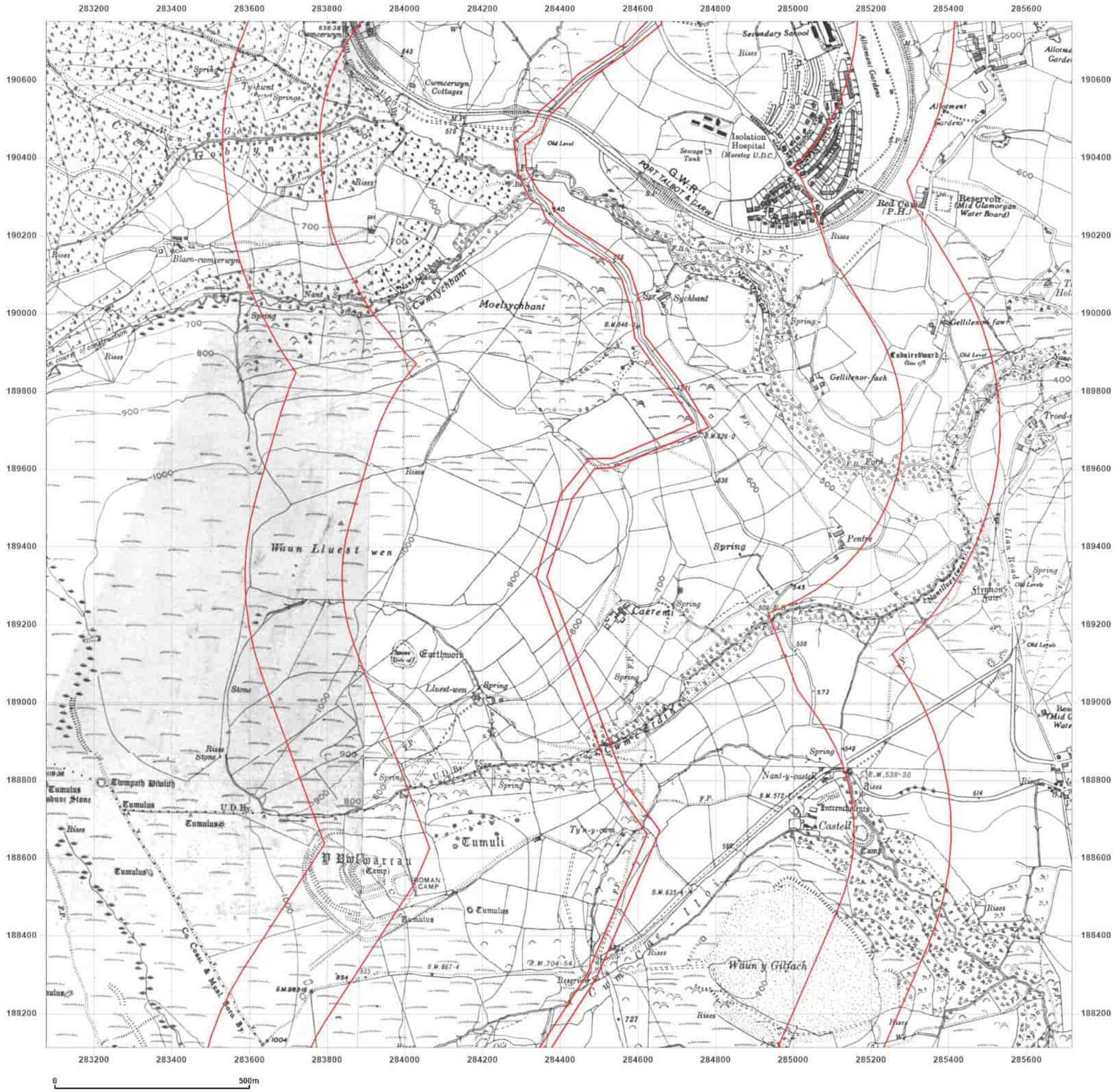
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Site Details:

FTN boundary

Client Ref: R123054UK001
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Grid Ref: 284396, 189431

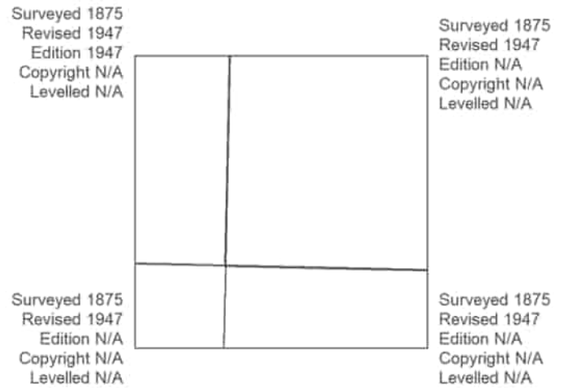
Map Name: County Series

Map date: **1947**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Groundsure INSIGHTS

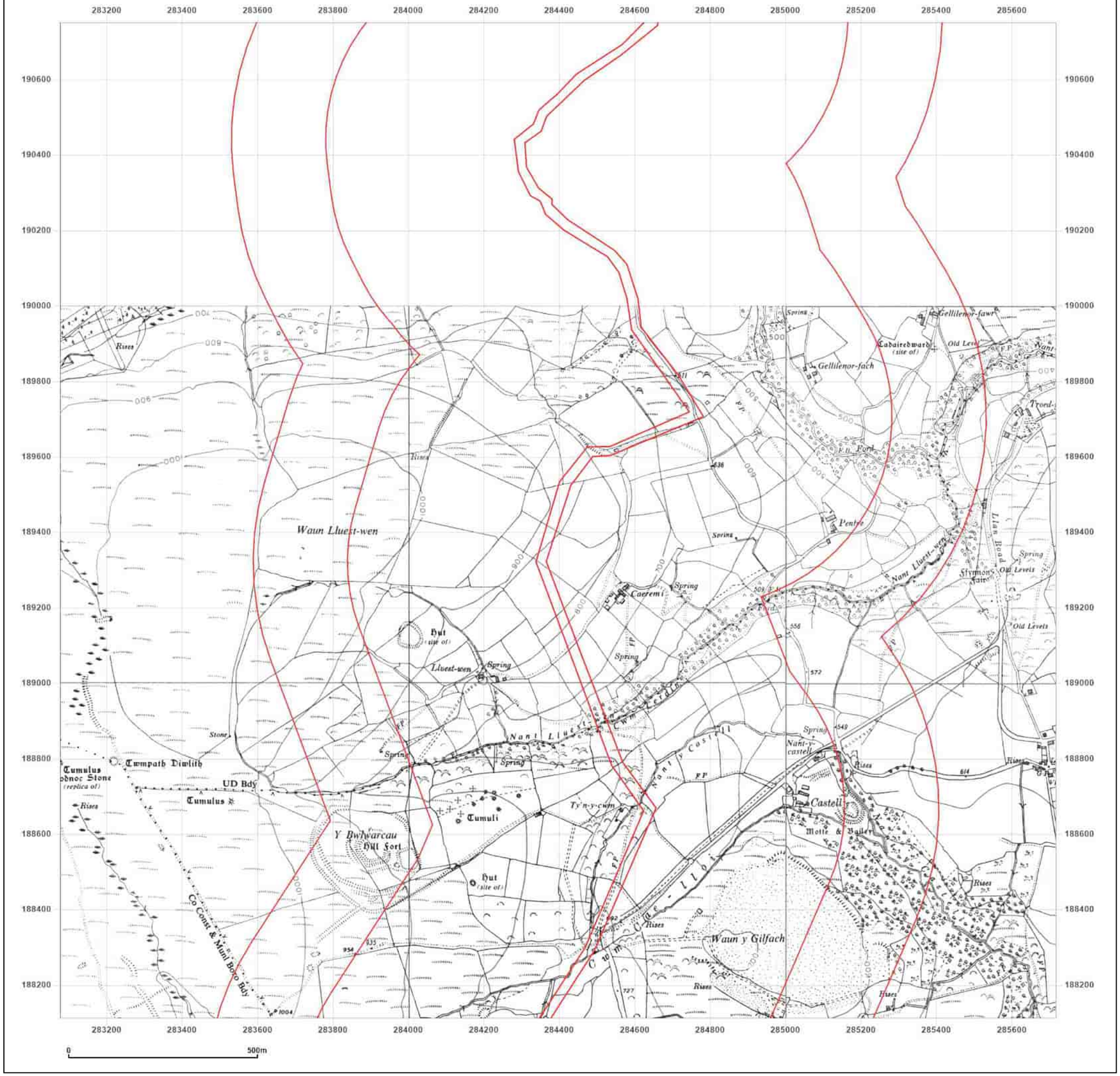
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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

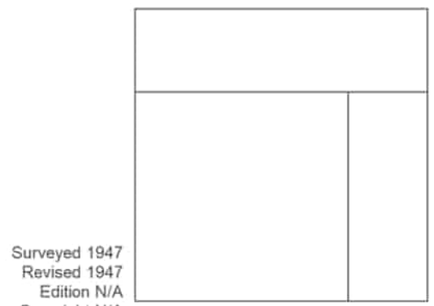
Map Name: Provisional

Map date: **1947-1948**

Scale: 1:10,560

Printed at: 1:10,560

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Groundsure INSIGHTS

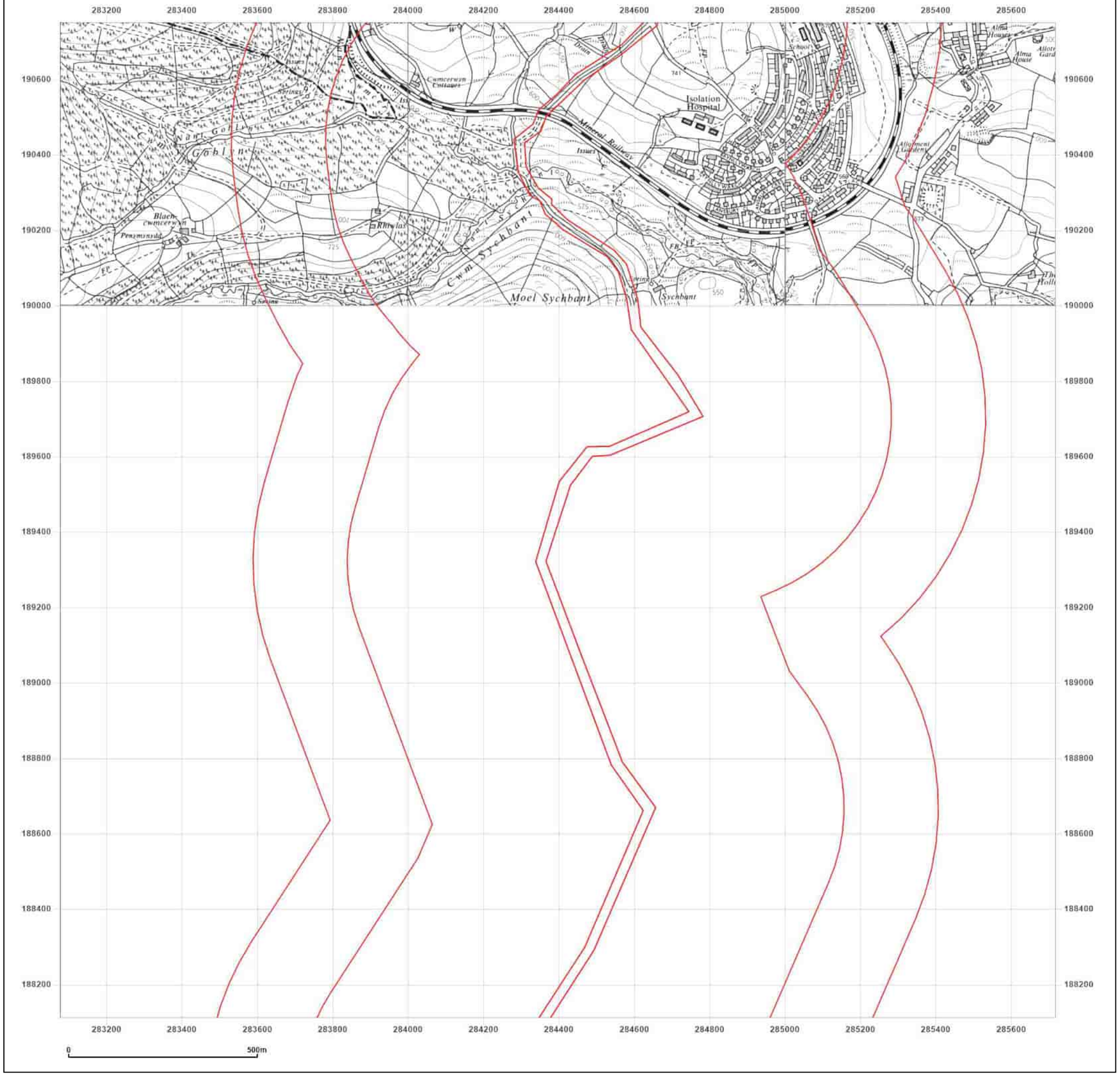
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

Map Name: Provisional

Map date: **1964-1965**

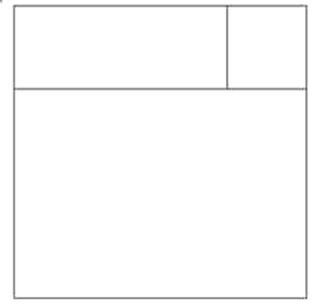
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Surveyed 1964
Revised 1964
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1965
Revised 1965
Edition N/A
Copyright N/A
Levelled N/A



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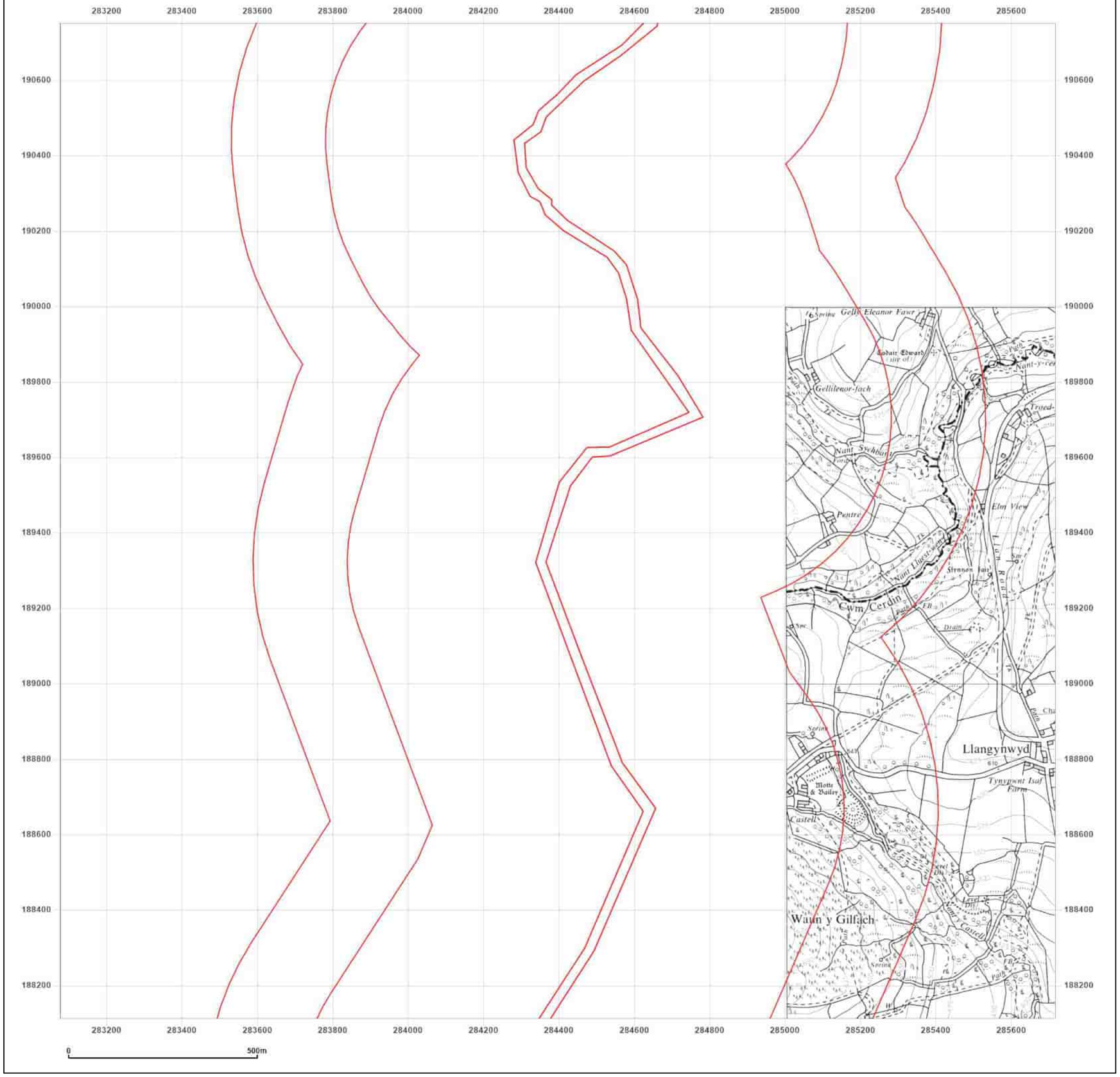
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

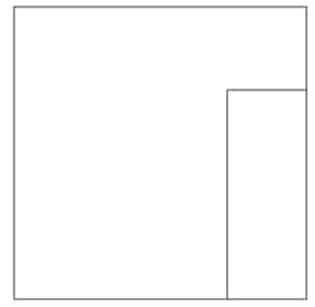
Map Name: Provisional

Map date: **1970**

Scale: 1:10,560

Printed at: 1:10,560

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Surveyed 1970
Revised 1970
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

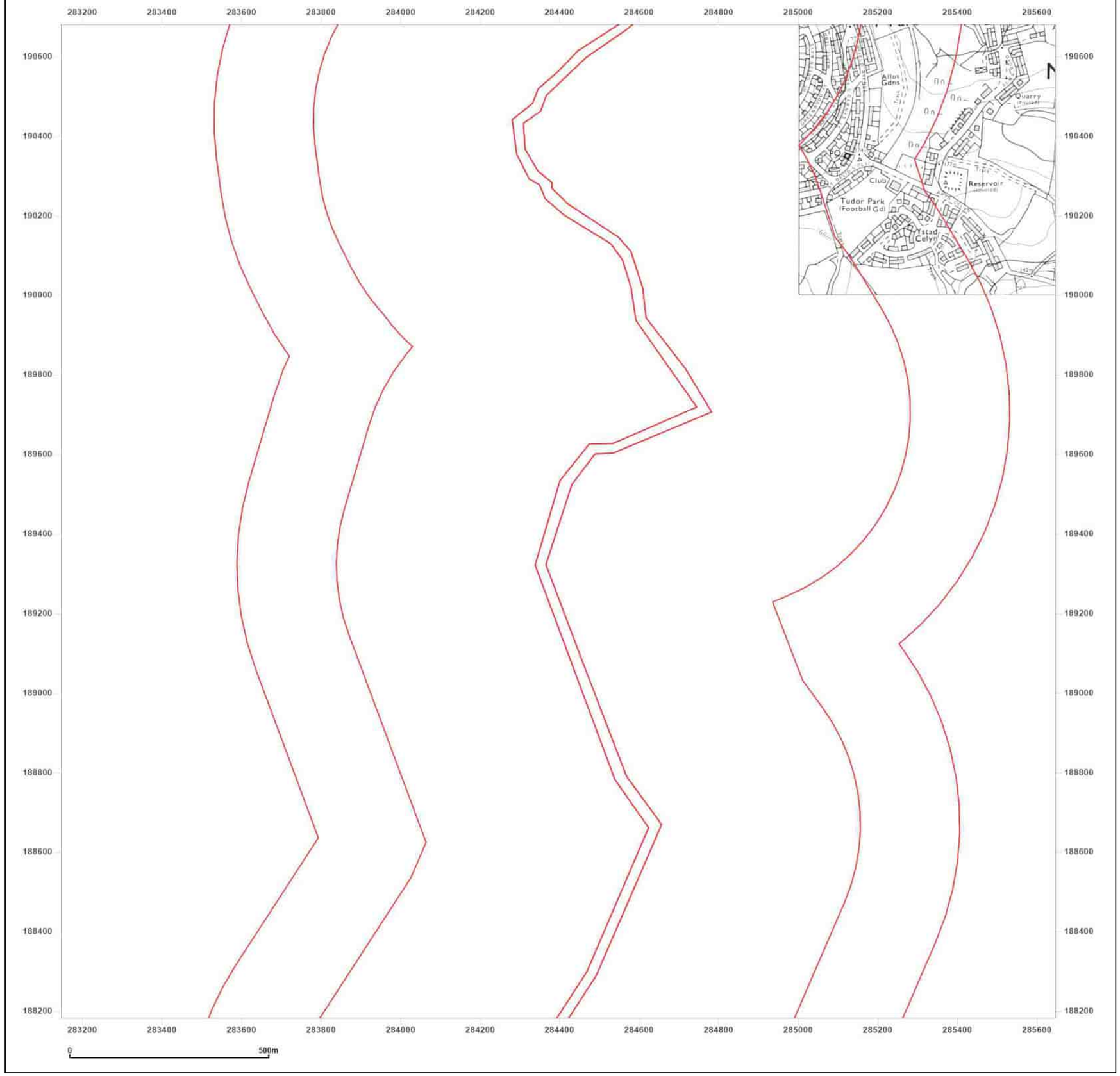
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Production date: 04 March 2025

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

Map Name: National Grid

Map date: **1975**

Scale: 1:10,000

Printed at: 1:10,000

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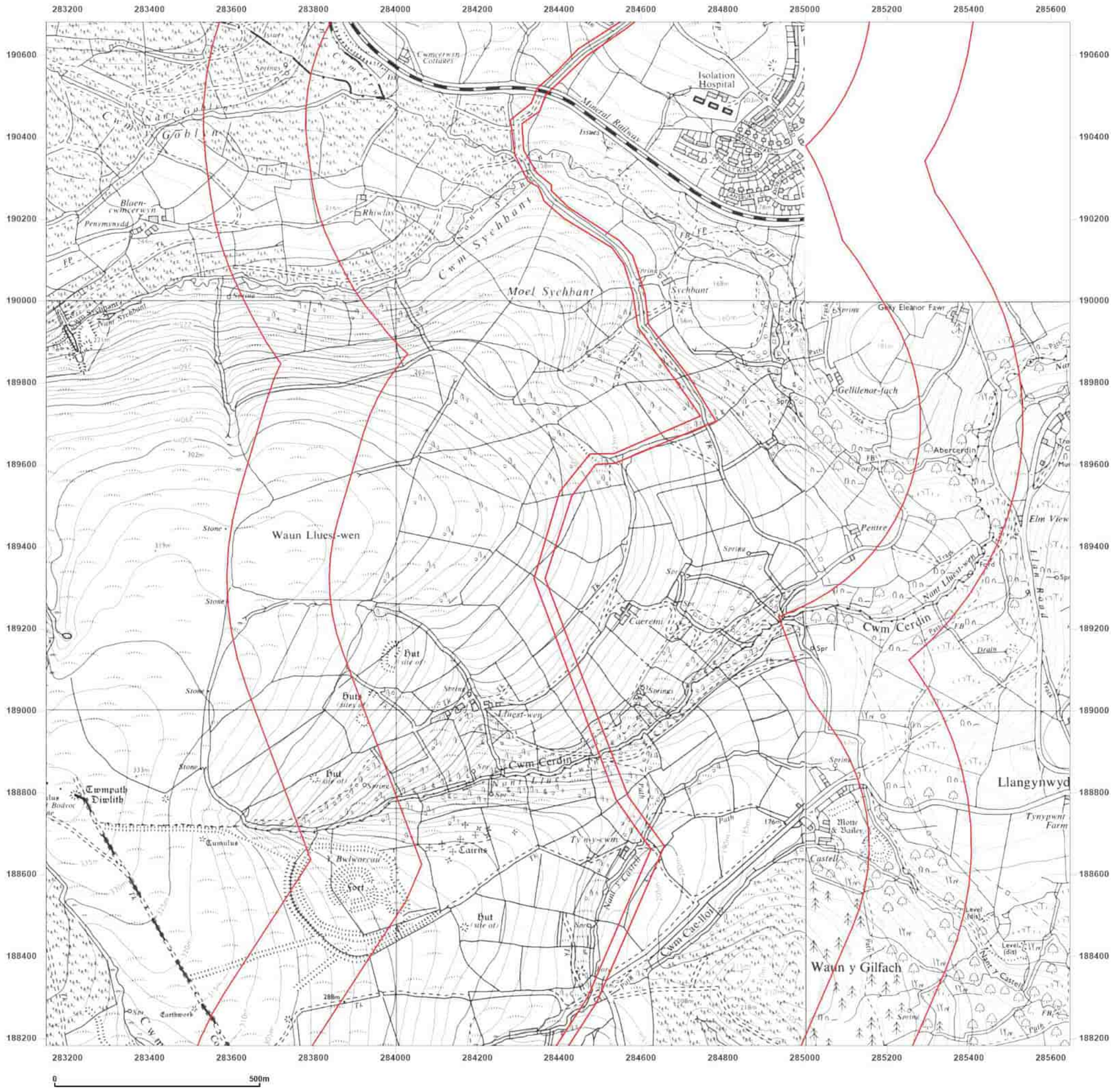
Surveyed 1972
Revised 1975
Edition N/A
Copyright 1975
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

Map Name: National Grid

Map date: **1985-1988**

Scale: 1:10,000

Printed at: 1:10,000

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Surveyed 1962
Revised 1988
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1963
Revised 1988
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1982
Revised 1985
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

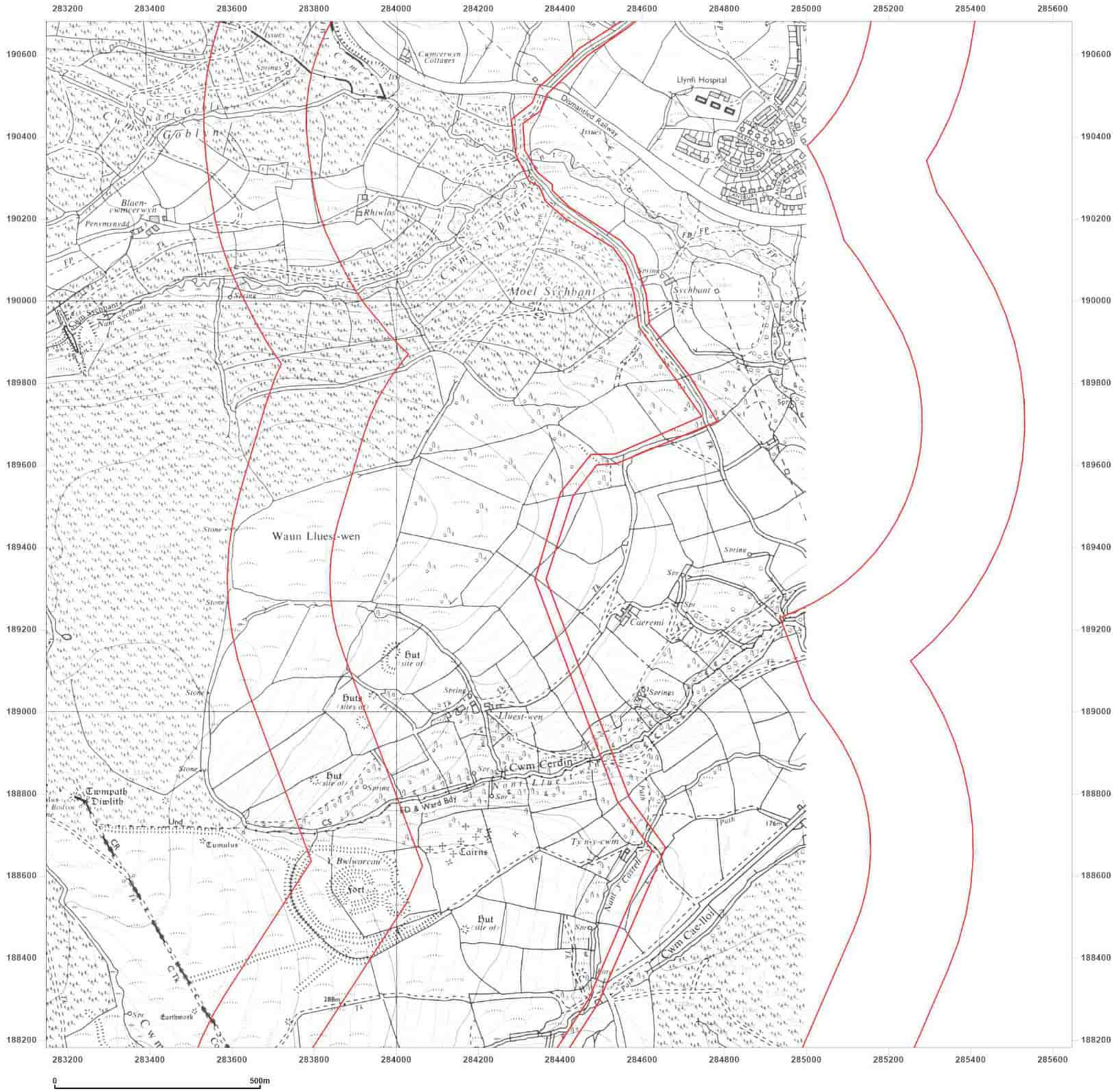
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

Map Name: National Grid

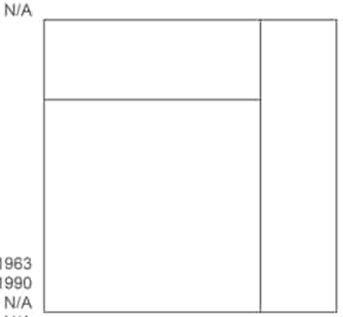
Map date: **1989-1990**

Scale: 1:10,000

Printed at: 1:10,000

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Surveyed 1962
Revised 1989
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1963
Revised 1990
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

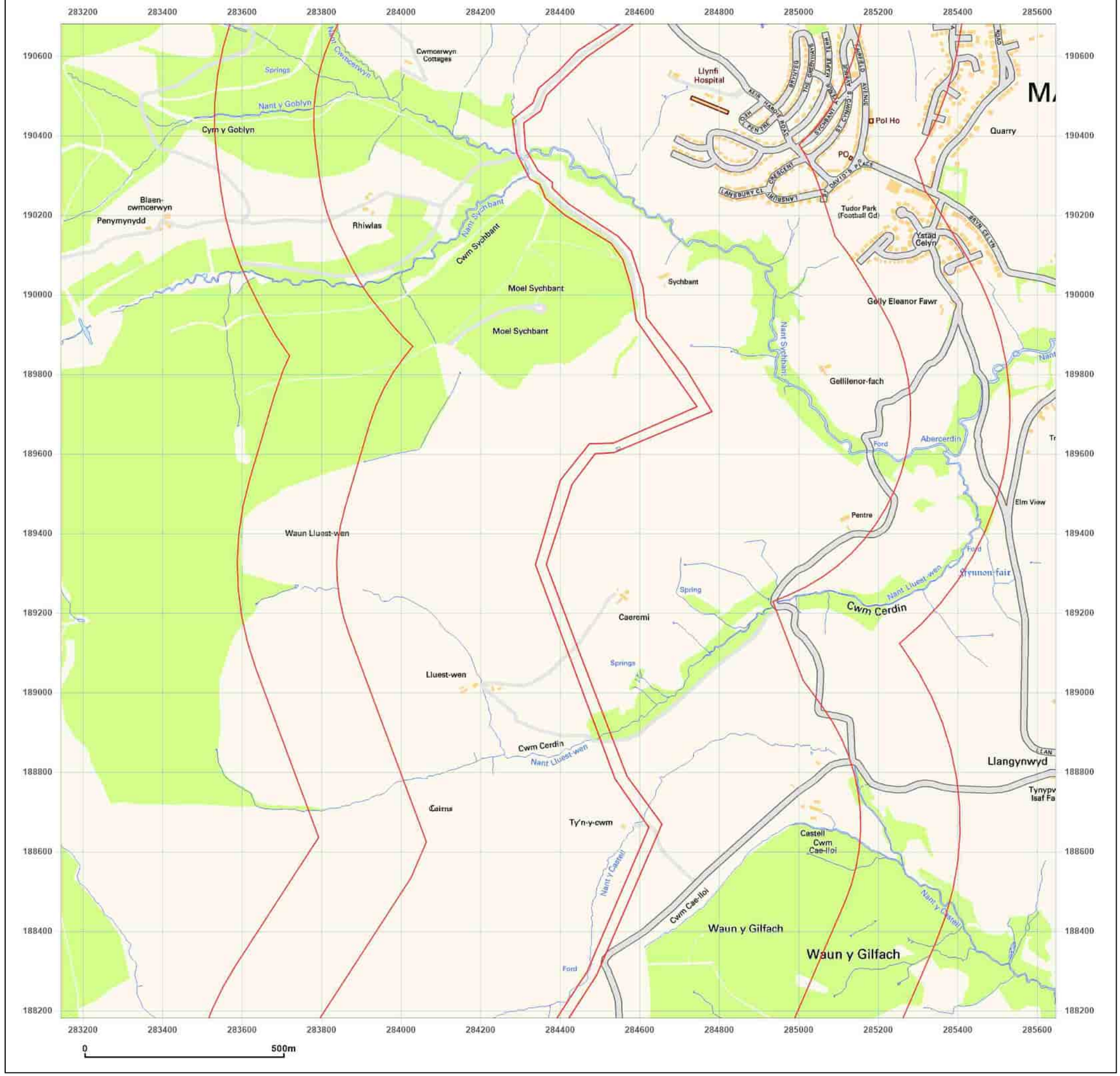
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

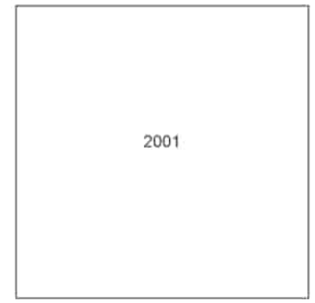
Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

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Groundsure INSIGHTS

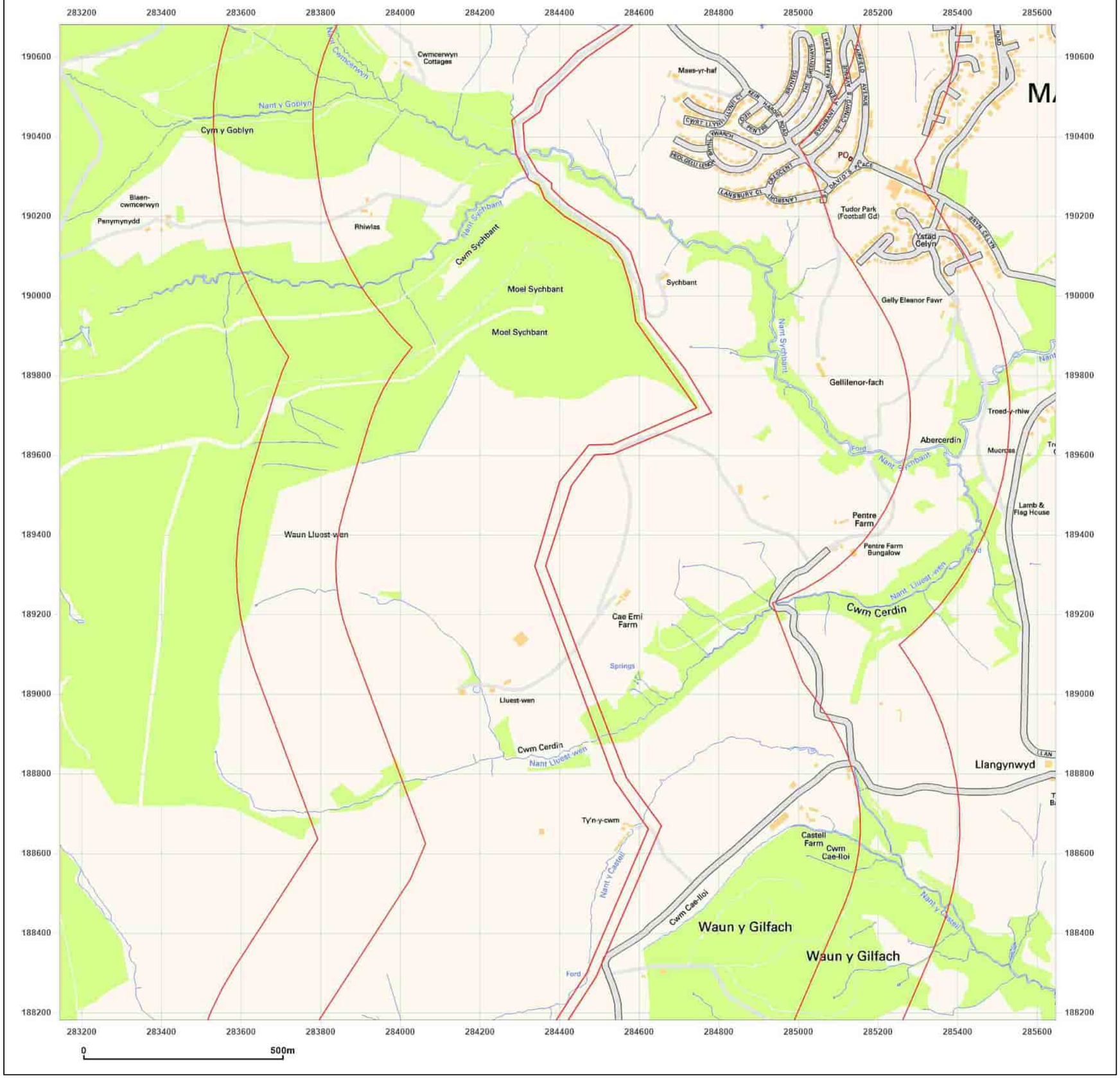
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

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Groundsure INSIGHTS

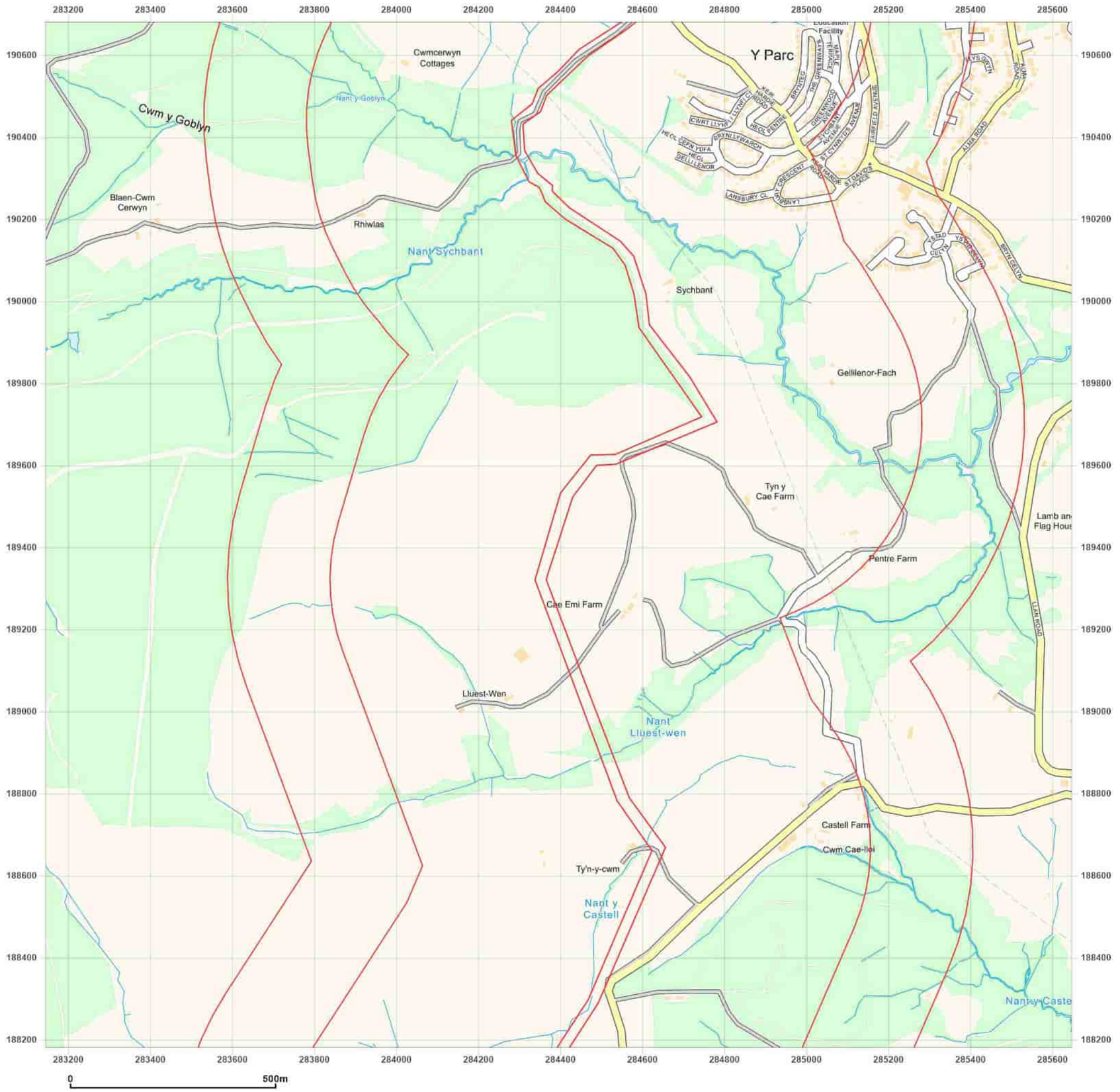
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Production date: 04 March 2025

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_2
Grid Ref: 284396, 189431

Map Name: National Grid

Map date: **2025**

Scale: 1:10,000

Printed at: 1:10,000

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Groundsure INSIGHTS

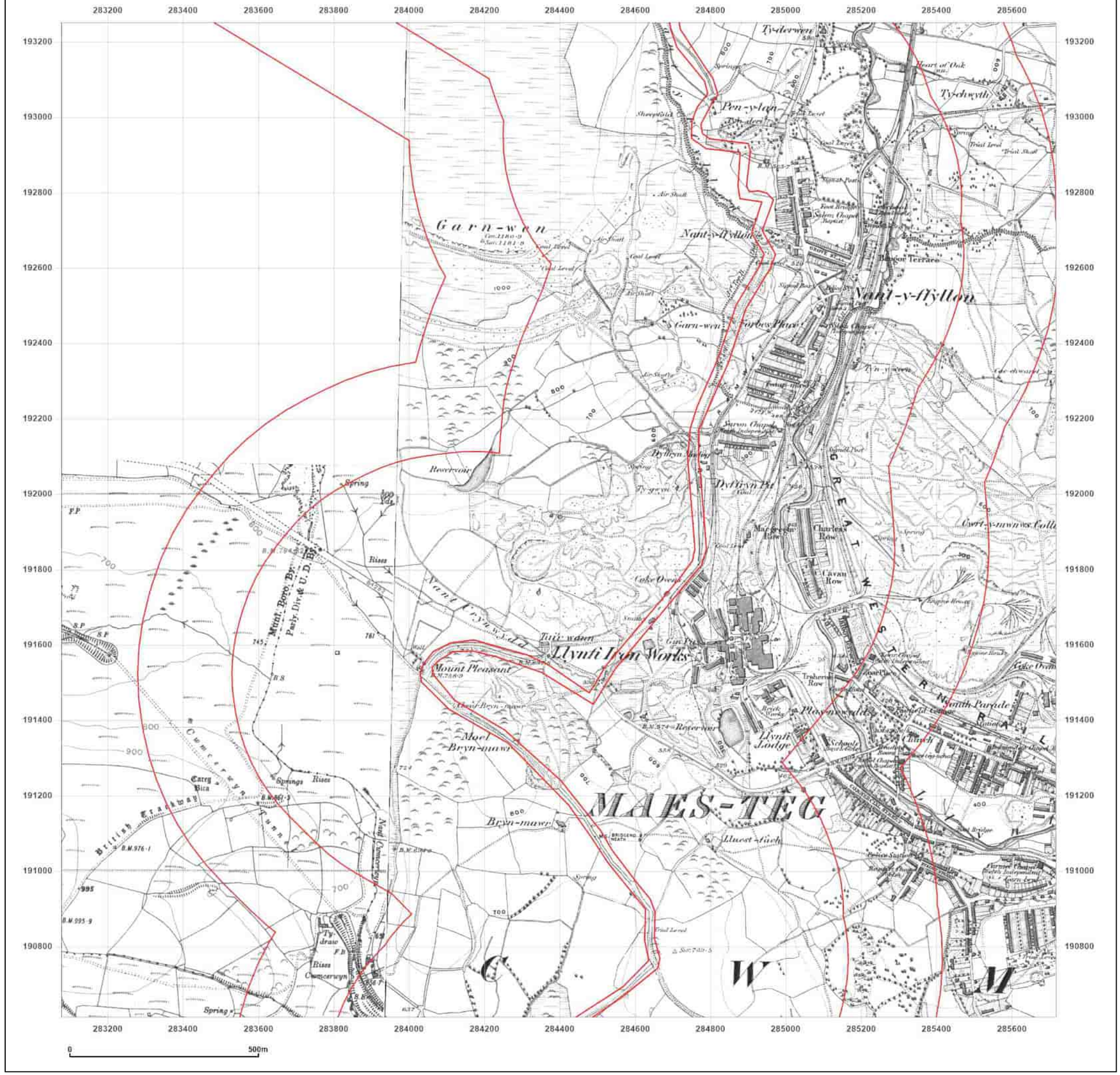
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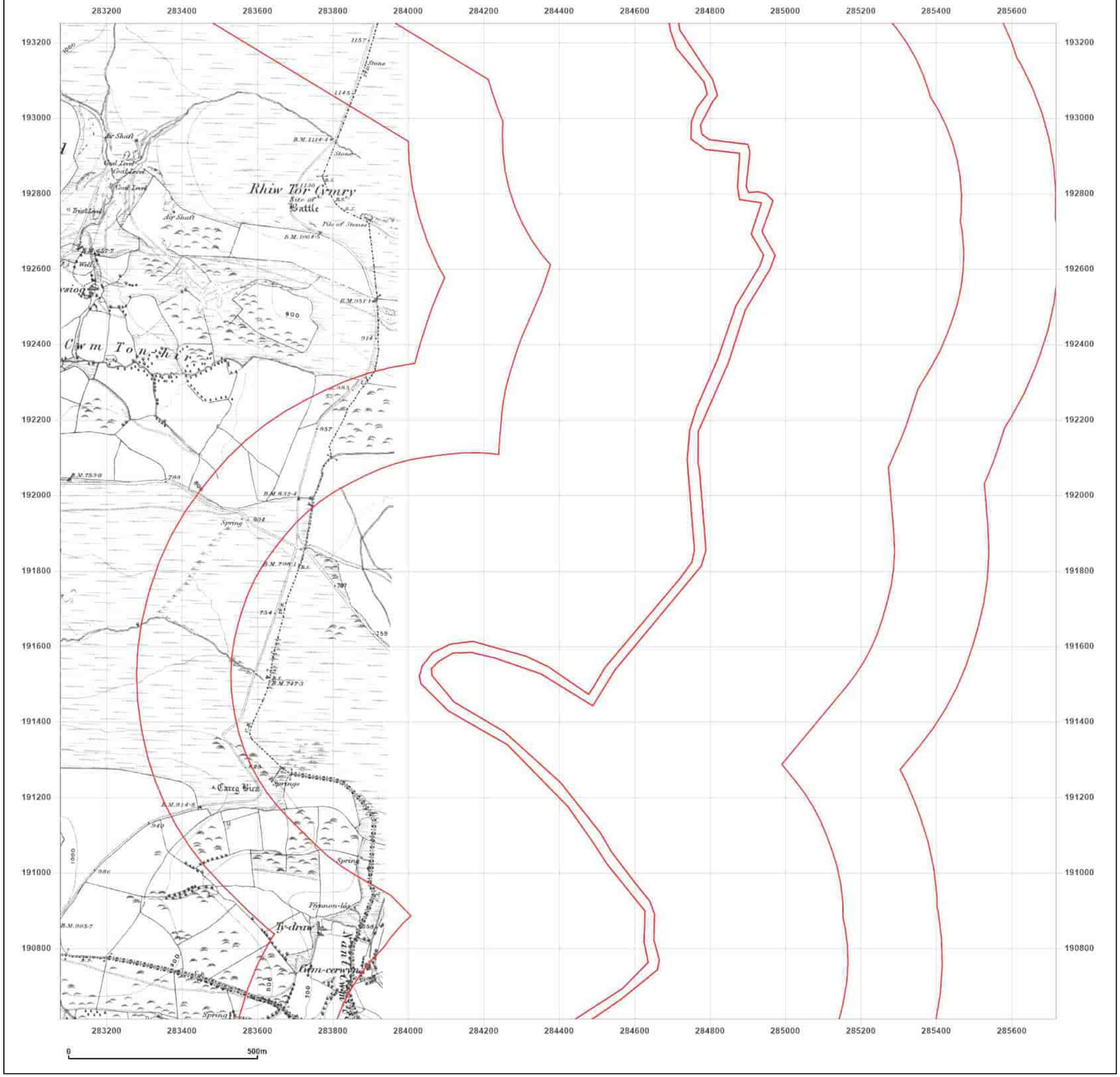
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Production date: 04 March 2025

Map legend available at:
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190800
Ty-derwen
Pen-ylan
Ty-draw-yth
Heart of Oak
Garn-wen
Nant-y-ffyllon
Bangor Terrace
Forbes Place
Salem Chapel
Rhyllyn Shaft
Rhyllyn Pit
Reservoir
Spring
Cwrt-y-muwr Cott
Macgregor Row
Charles's Row
Cavan Row
Coke Ovens
Vant Tynycoed
Tuic-waun
Llynti Iron Works
Mount Pleasant
Moel Bryn-mawr
Bryn-mawr
Llwest-ffach
Mount. Boro. Pary. Div. & U. D. Bdy.
Rises
Springs
Cwmcerwyn
Carreg Bica
British Trackway
Ty-draw
Trial Level
Air Shaft
Coal Level
Engine House
Tramway
Reservoir
Salem Chapel
Baptist
Wesleyan
Methodist
Chapel
Schools
Church
Vicarage
Lodge
Row
Terrace
Place
Parade
Square
Cottages
Works
Pit
Shaft
Level
Tramway
Reservoir
Spring
Rises
Springs
Coke Ovens
Engine House
Trial Level
Air Shaft
Coal Level



Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_3
Grid Ref: 284396, 191931

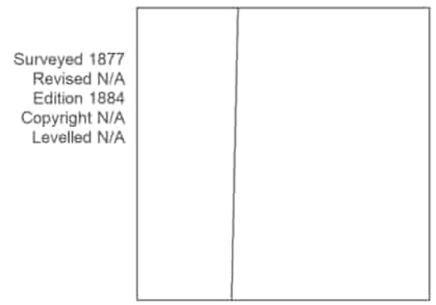
Map Name: County Series

Map date: **1884**

Scale: 1:10,560

Printed at: 1:10,560

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Groundsure INSIGHTS

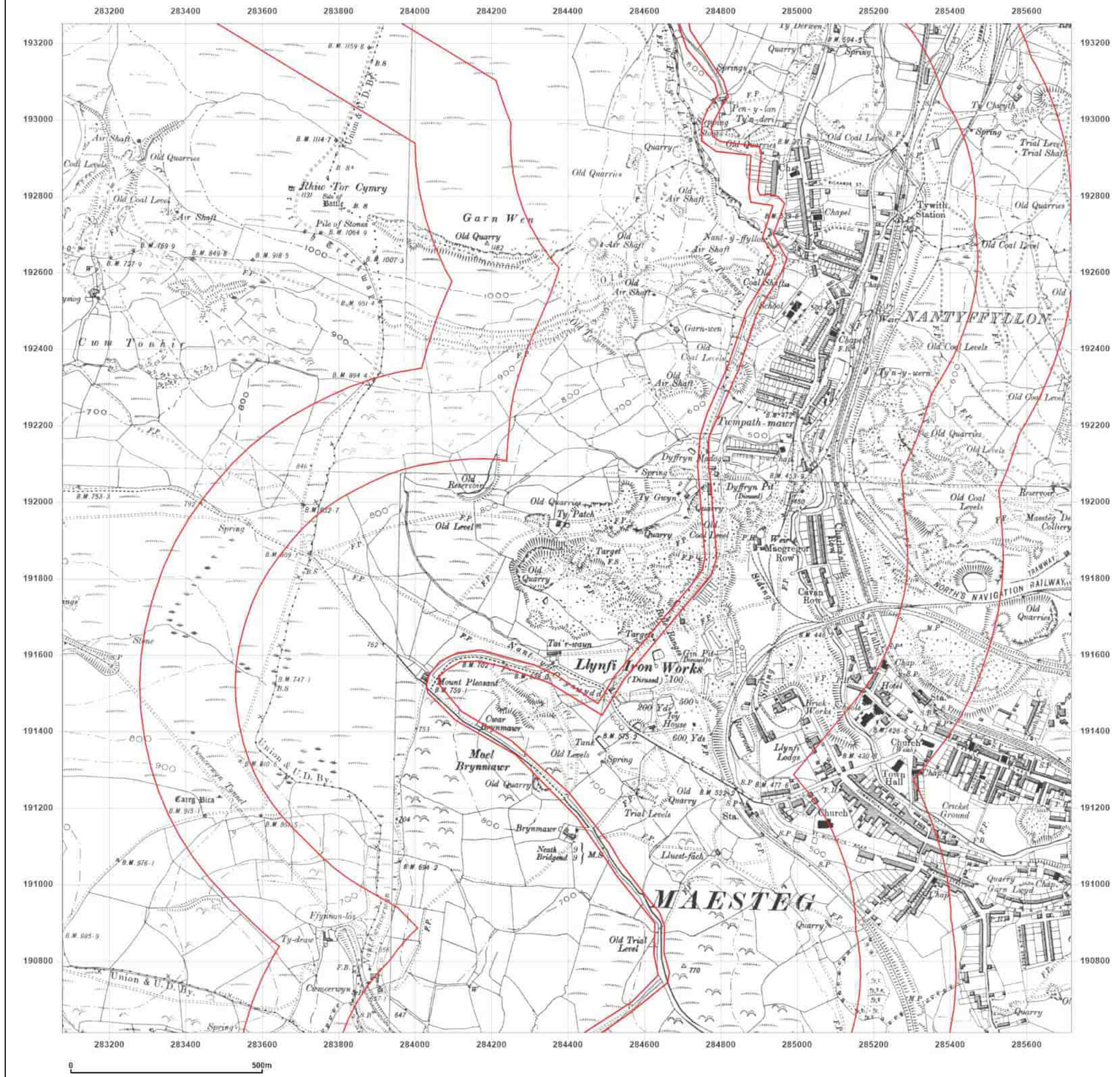
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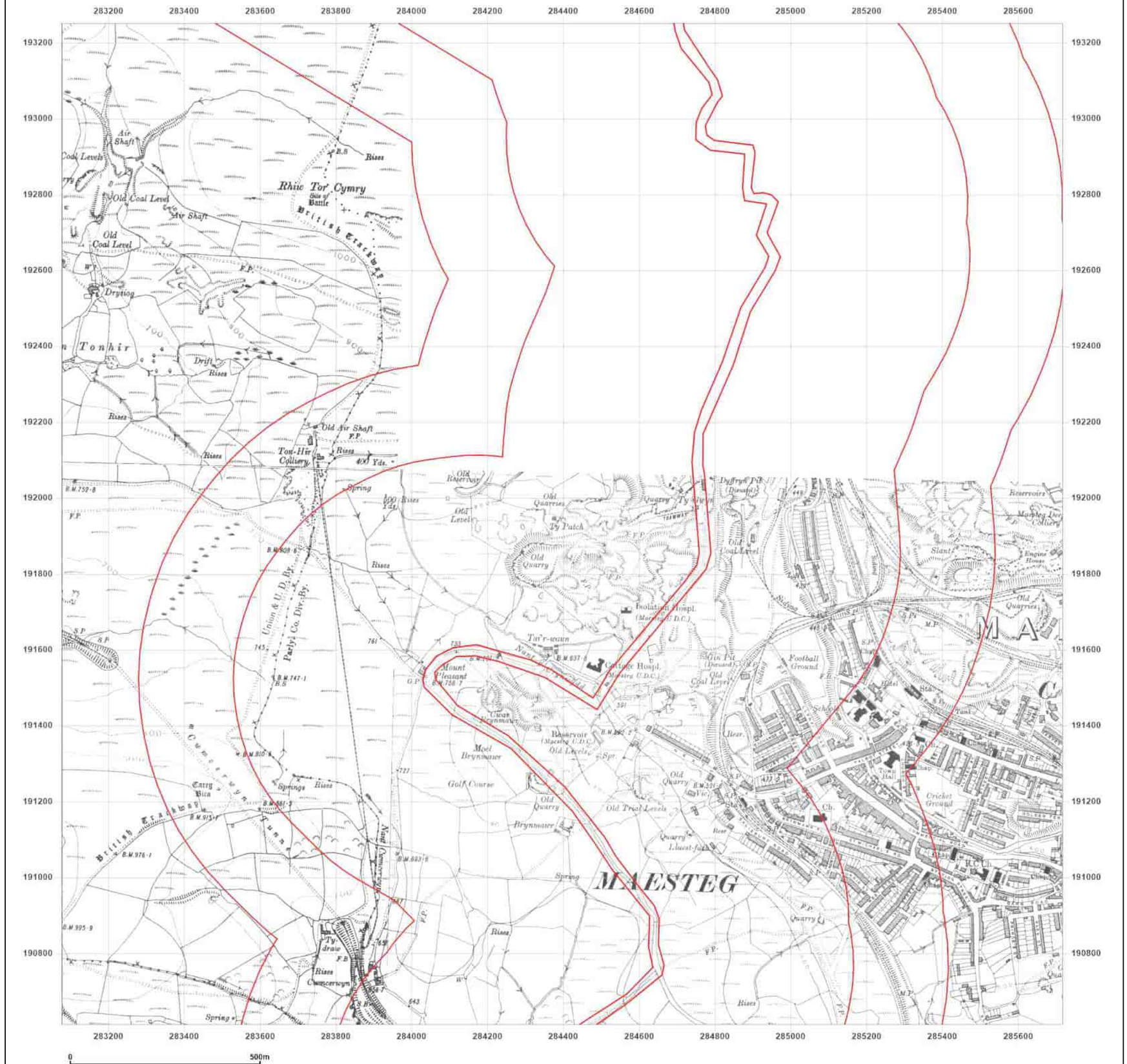
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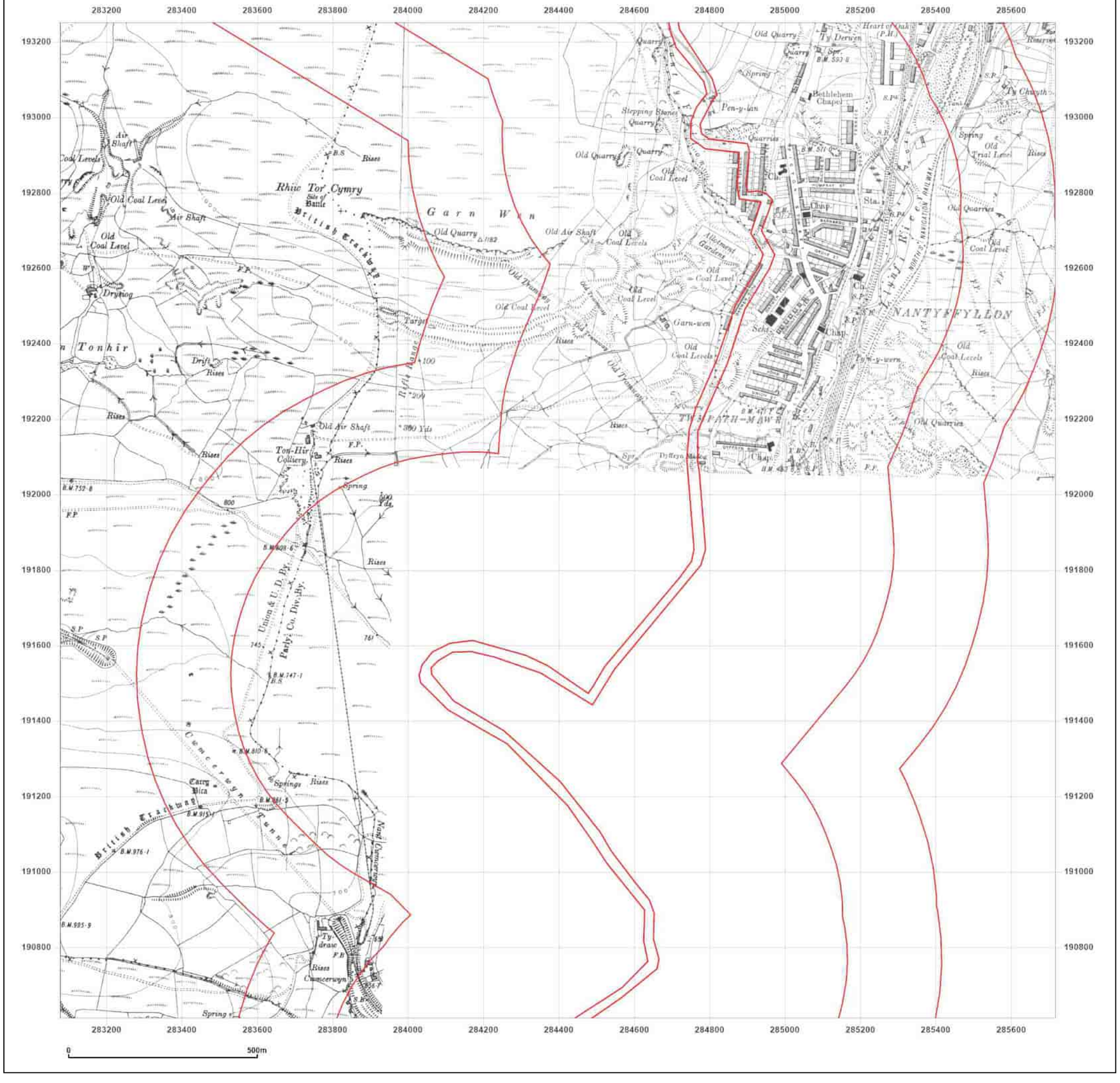
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Production date: 04 March 2025

Map legend available at:
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NANTYFFYLLON
MAESTEG
Llynfi Avon Works
Garn Wen
Cwm Tonkin
Rhiw Tor Cymry
Moel Brynmawr
Tywith Station
Old Quarries
Old Coal Level
Air Shaft
Old Air Shaft
Old Quarry
Trial Level
Trial Shaft
Union & U. D. By.
Chapel
Church
Reservoir
Spring
Quarry
Tramway
Old Levels
Old Coal Levels
Brickworks
Hotel
Town Hall
Cricket Ground
Sta.
Llynfi Lodge
Tai'r-graun
Mount Pleasant
Ty Patch
Ty Gwyn
Dyffryn Pd
Dyffryn Madog
Tycmpath-mawr
Ty'n-y-wern
Nant-y-ffyllon
Pen-y-lan
Ty Derwen
Ty Cwrwth
Garn-wen
Old Reservoir
Old Trial Level
Trial Levels
Brynmawr
Neath Bridgend
Llwest-fach
Caerau Row
Macgregor Row
Tabor
Vermont
Ty-draw
Effynnon-lwy
Carreg-Bica
Pile of Stones
Stone
Target
Tunnel
Gin Pit (Disused)
Dyffryn Pd (Disused)
Old Reservoir
Old Level
Old Quarries
Old Coal Level
Old Air Shaft
Old Quarry
Old Trial Level
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Old Coal Levels
Old Quarries


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Old Coal Level
Air Shaft
Old Coal Level
Drytiog
Tonhir
Drift
Rises
Old Air Shaft
Ton-Hir Colliery
Spring
Old Quarries
Ty Patch
Old Quarry
Old Level
Isolation Hospl.
Cottage Hospl.
Mount Pleasant
Moel Brynmawr
Golf Course
Reservoir
Old Trial Levels
Football Ground
Cricket Ground
Crown Hotel
Ch.
Reservoirs
Engine House
Old Coal Level
Slant
Dyffryn Pit (Disused)
Gin Pit (Disused)
Old Coal Level
Old Quarries
Old Quarry
Old Quarry
Old Quarry



Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_3
Grid Ref: 284396, 191931

Map Name: County Series

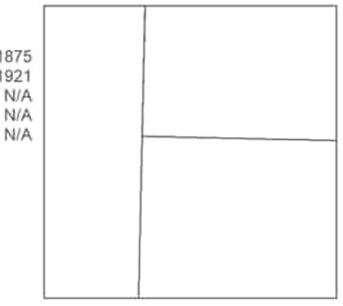
Map date: **1921**

Scale: 1:10,560

Printed at: 1:10,560

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Surveyed 1875
Revised 1921
Edition 1921
Copyright N/A
Levelled N/A



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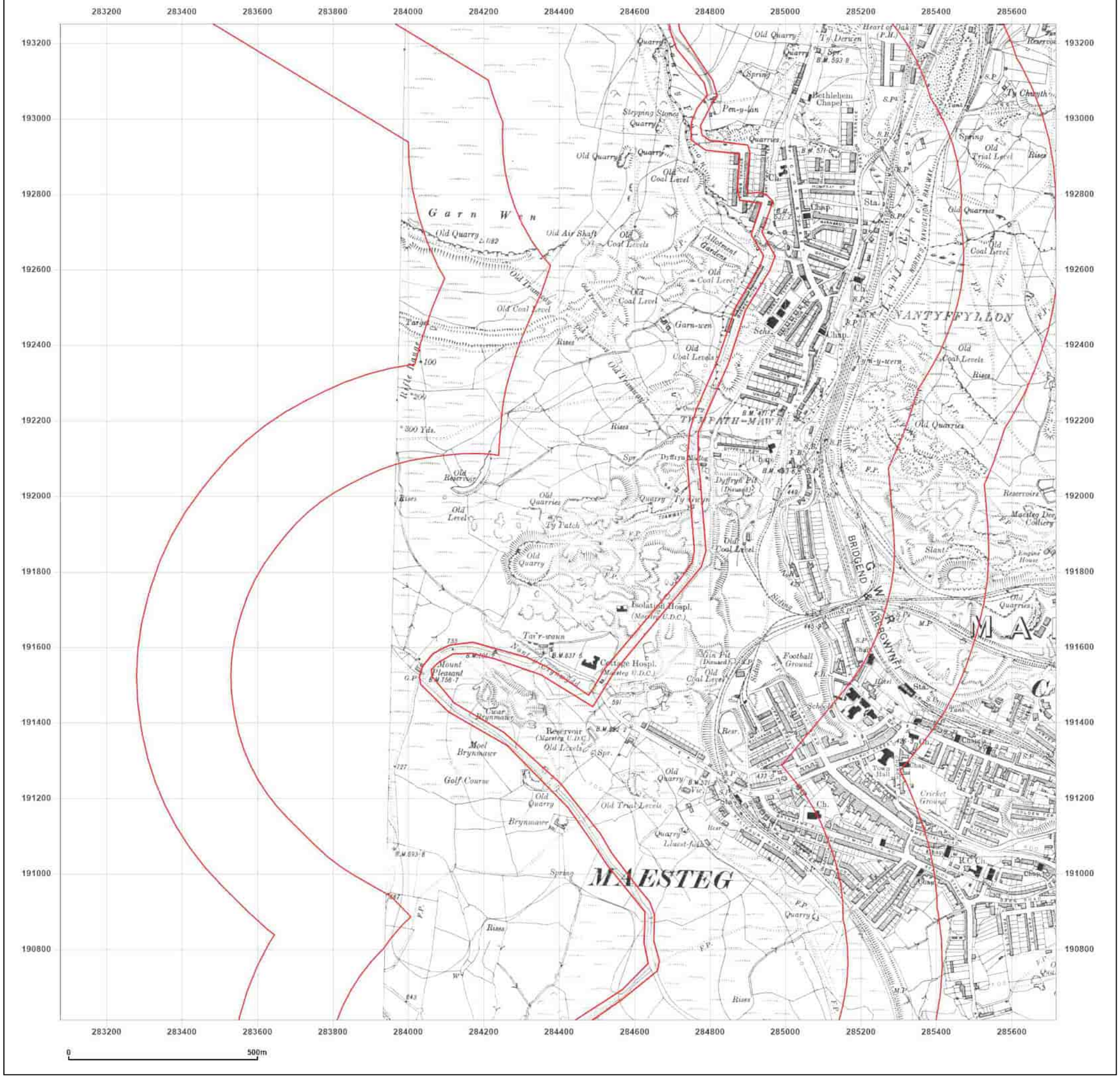
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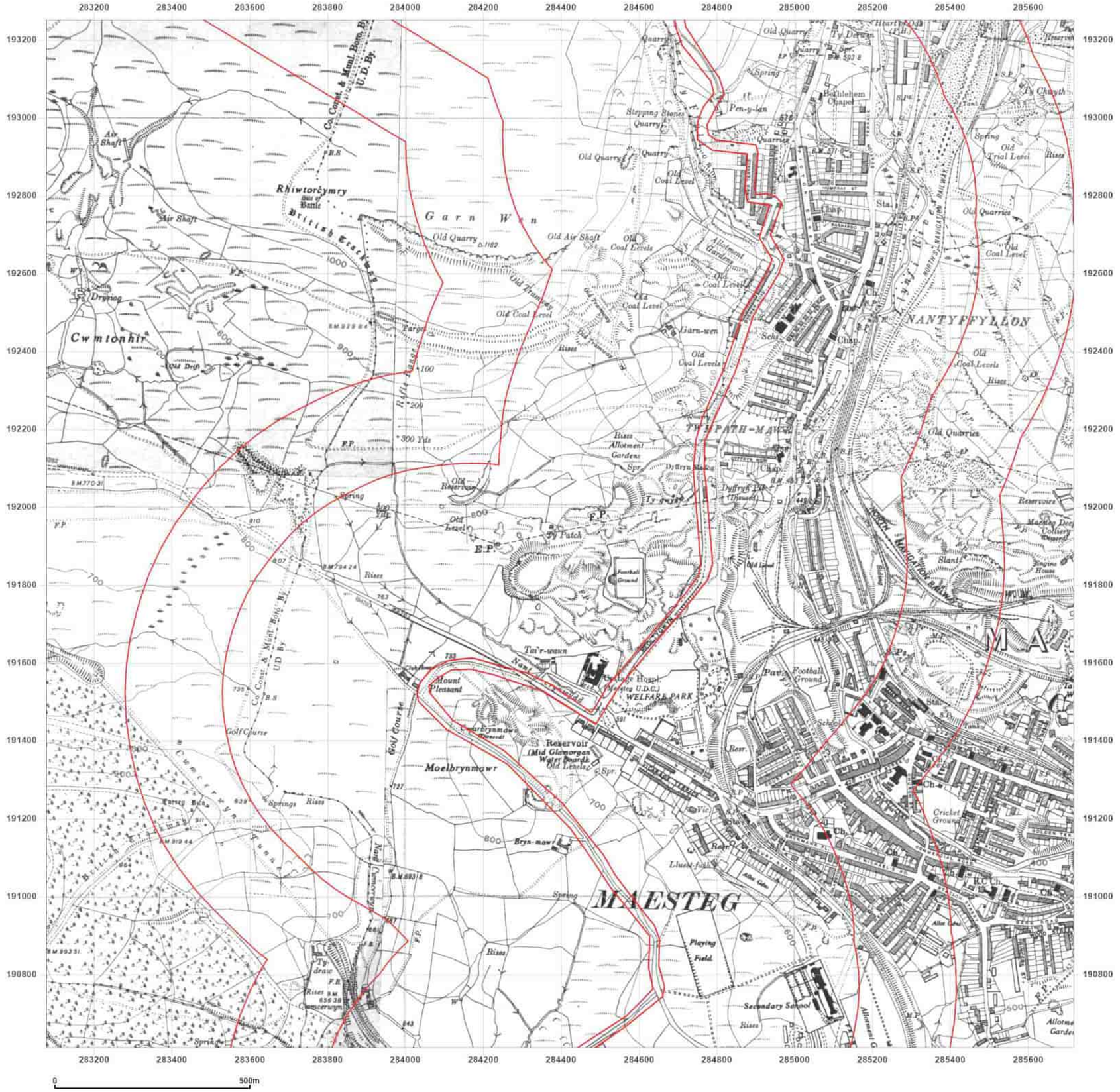
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191400
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190800
Garn Wen
Old Quarry
Old Air Shaft
Old Coal Levels
Allotment Gardens
Old Trial Level
Old Coal Level
Garn-uchaf
Pen-y-lan
Bethlehem Chapel
Stepping Stones Quarry
Spring
Old Trial Level
Rises
Old Quarries
Ty Chwyth
Reservoirs
Old Coal Level
Ch.
Sta.
Chap.
B.P.
Old Quarries
Old Coal Level
Rises
Old Coal Levels
Old Tramway
Old Coal Level
Garn-uchaf
Old Coal Levels
Rises
Old Tramway
Rises
Old Coal Level
Old Coal Levels
Rises
Old Quarries
Reservoirs
Macsteg Dee Colliery
Engine House
Old Quarries
Old Quarries
Old Quarry
Old Coal Level
Old Quarry
Old Quarries
Ty Patch
Old Quarry
Old Coal Level
Isolation Hospl. (Maesteg U.D.C.)
Tan-y-graun
Cottage Hospl. (Maesteg U.D.C.)
Mount Pleasant
Reservoir (Maesteg U.D.C.)
Old Levels
Moel Brynmaer
Golf Course
Old Quarry
Old Trial Levels
Brynmaer
Quarry
Spring
Rises
Rises
Old Quarry
Old Coal Level
Slag Pit (Disused)
Old Coal Level
Football Ground
Rear
Old Quarry
Cricket Ground
Ch.
Rear
Rises
Old Quarries
Quarry
Rises
Slant
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Rises
Old Quarries
Reservoirs
Macsteg Dee Colliery
Engine House



Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_3
Grid Ref: 284396, 191931

Map Name: County Series

Map date: **1947**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1875
Revised 1947
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1875
Revised 1947
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1875
Revised 1947
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Copyright N/A
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Revised 1947
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Copyright N/A
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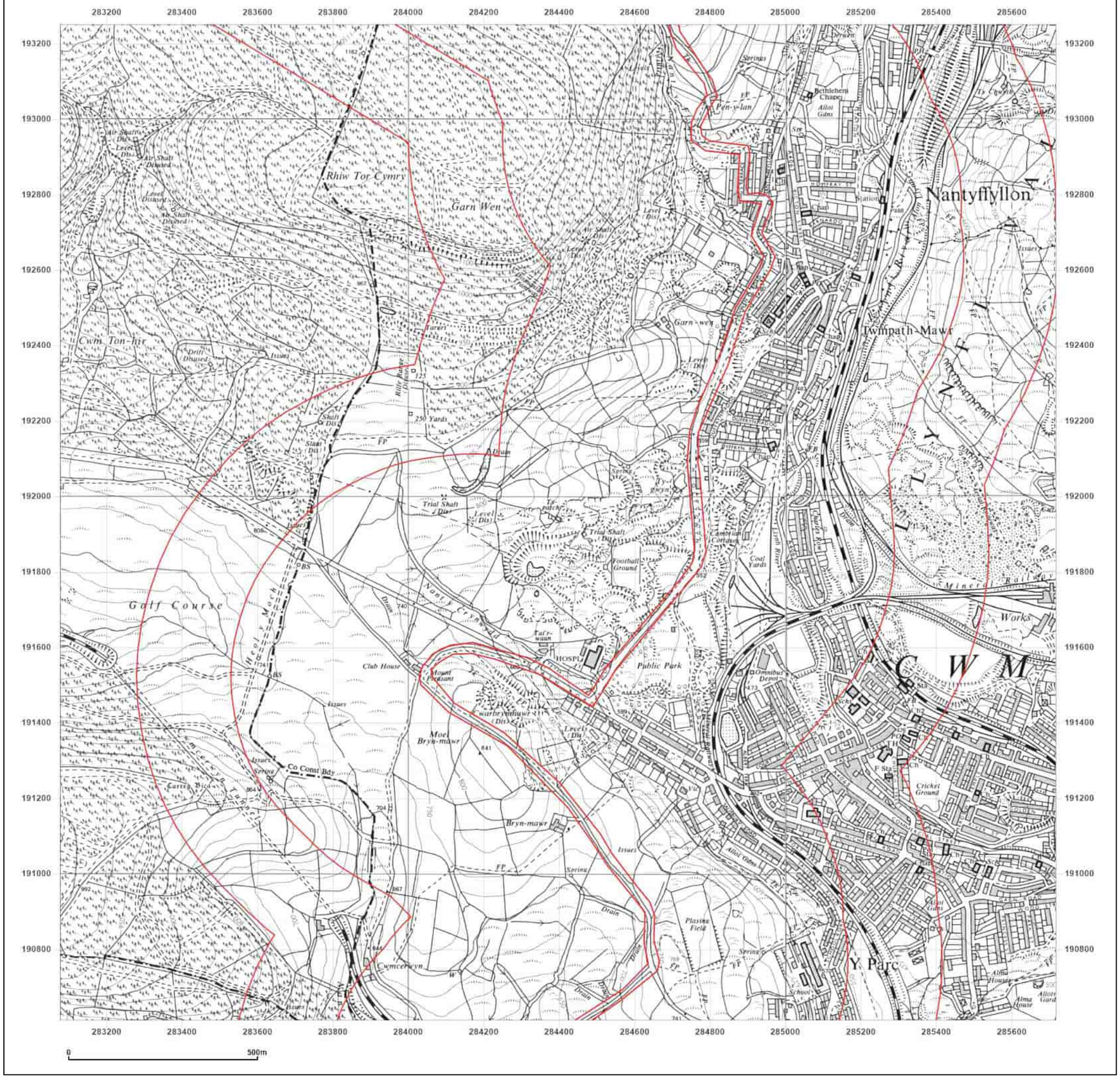
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_3
Grid Ref: 284396, 191931

Map Name: Provisional

Map date: **1964-1965**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1964	Surveyed 1965
Revised 1964	Revised 1965
Edition N/A	Edition N/A
Copyright N/A	Copyright N/A
Levelled N/A	Levelled N/A

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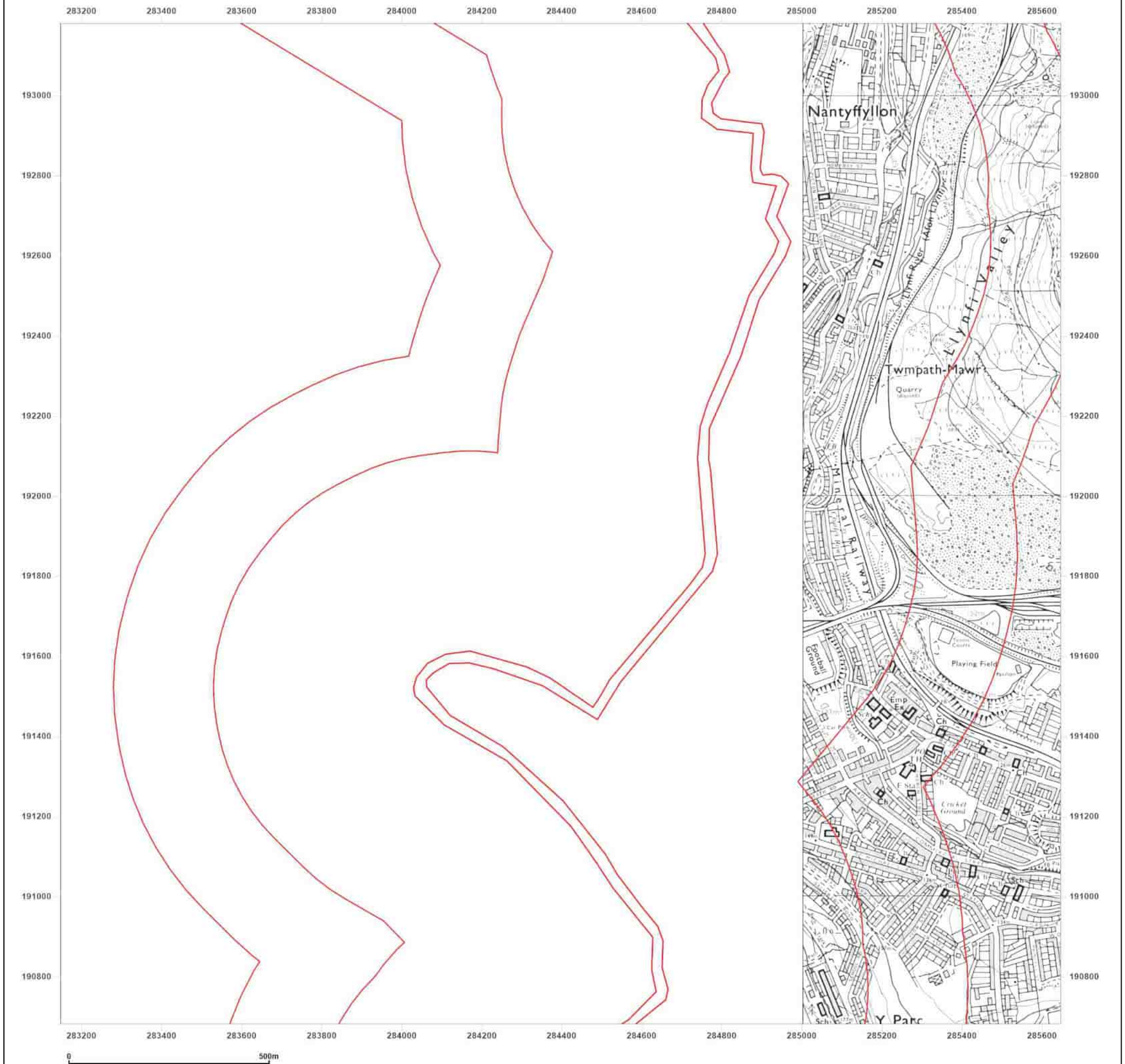
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_3
Grid Ref: 284396, 191931

Map Name: National Grid

Map date: **1975**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1972
Revised 1975
Edition N/A
Copyright 1975
Levelled 1964

Groundsure INSIGHTS

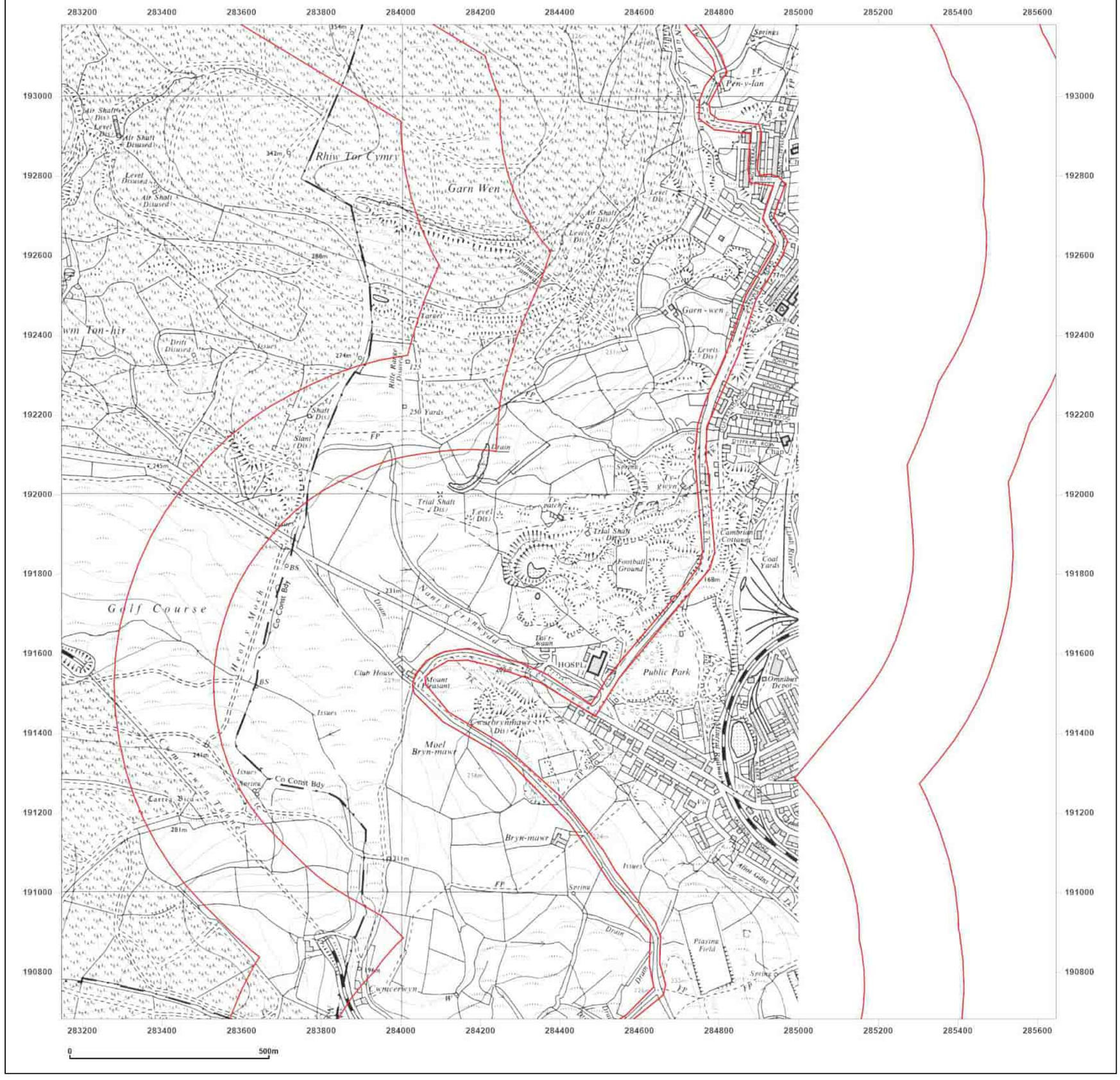
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_3
Grid Ref: 284396, 191931

Map Name: National Grid

Map date: **1988**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1962
Revised 1988
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

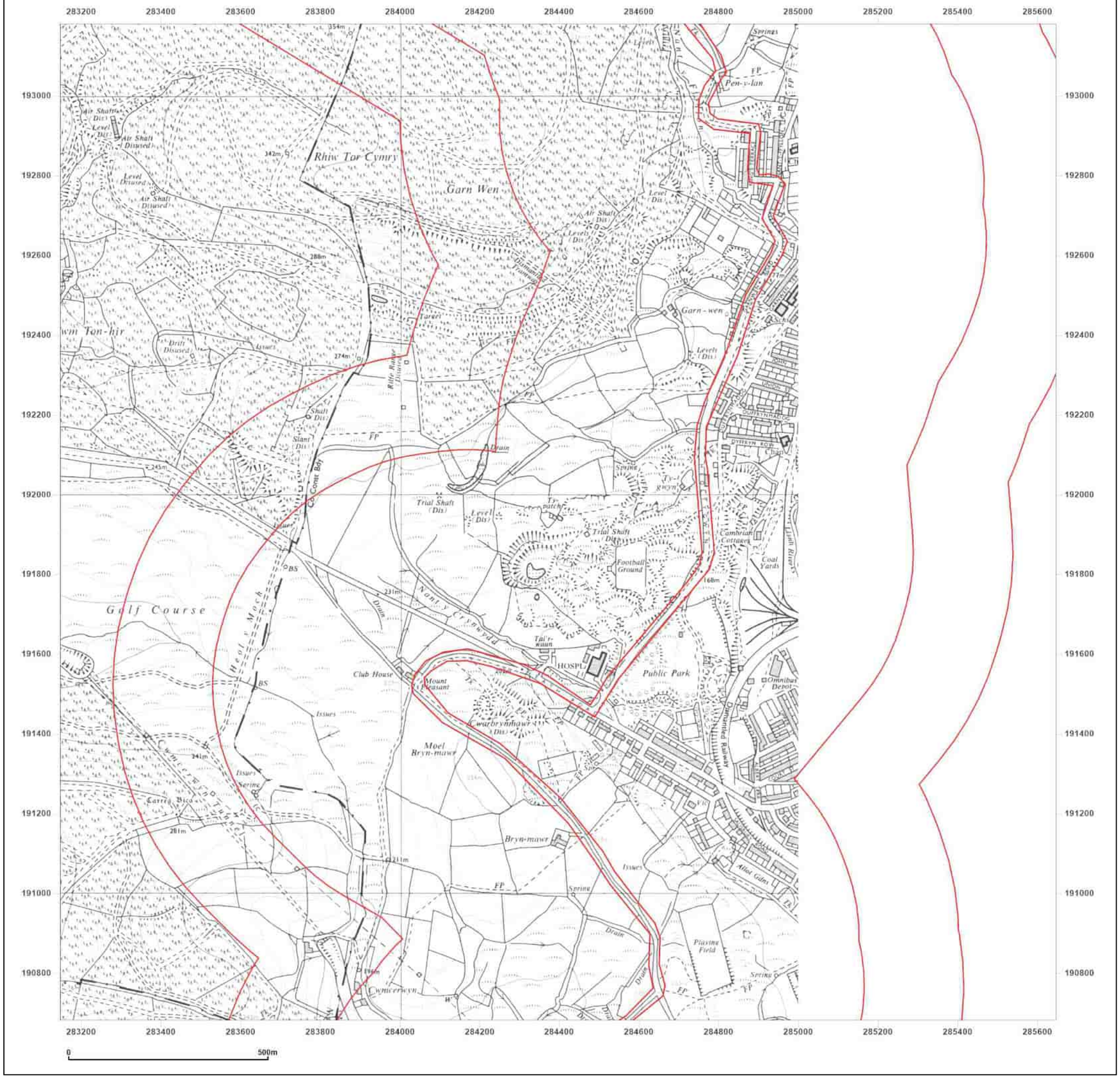
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Production date: 04 March 2025

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_3
Grid Ref: 284396, 191931

Map Name: National Grid

Map date: **1989**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1962
Revised 1989
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

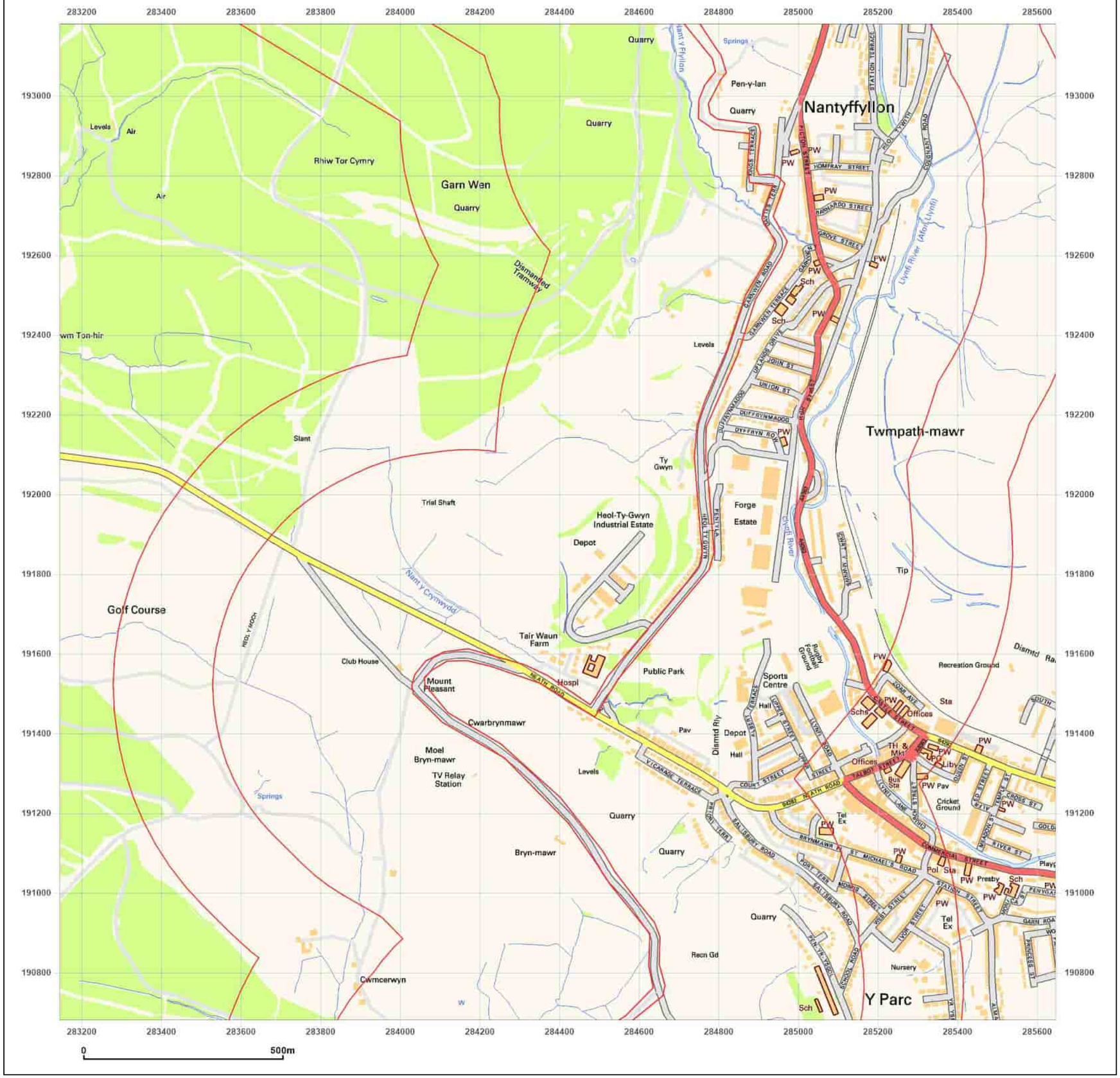
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_3
Grid Ref: 284396, 191931

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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2001

Groundsure INSIGHTS

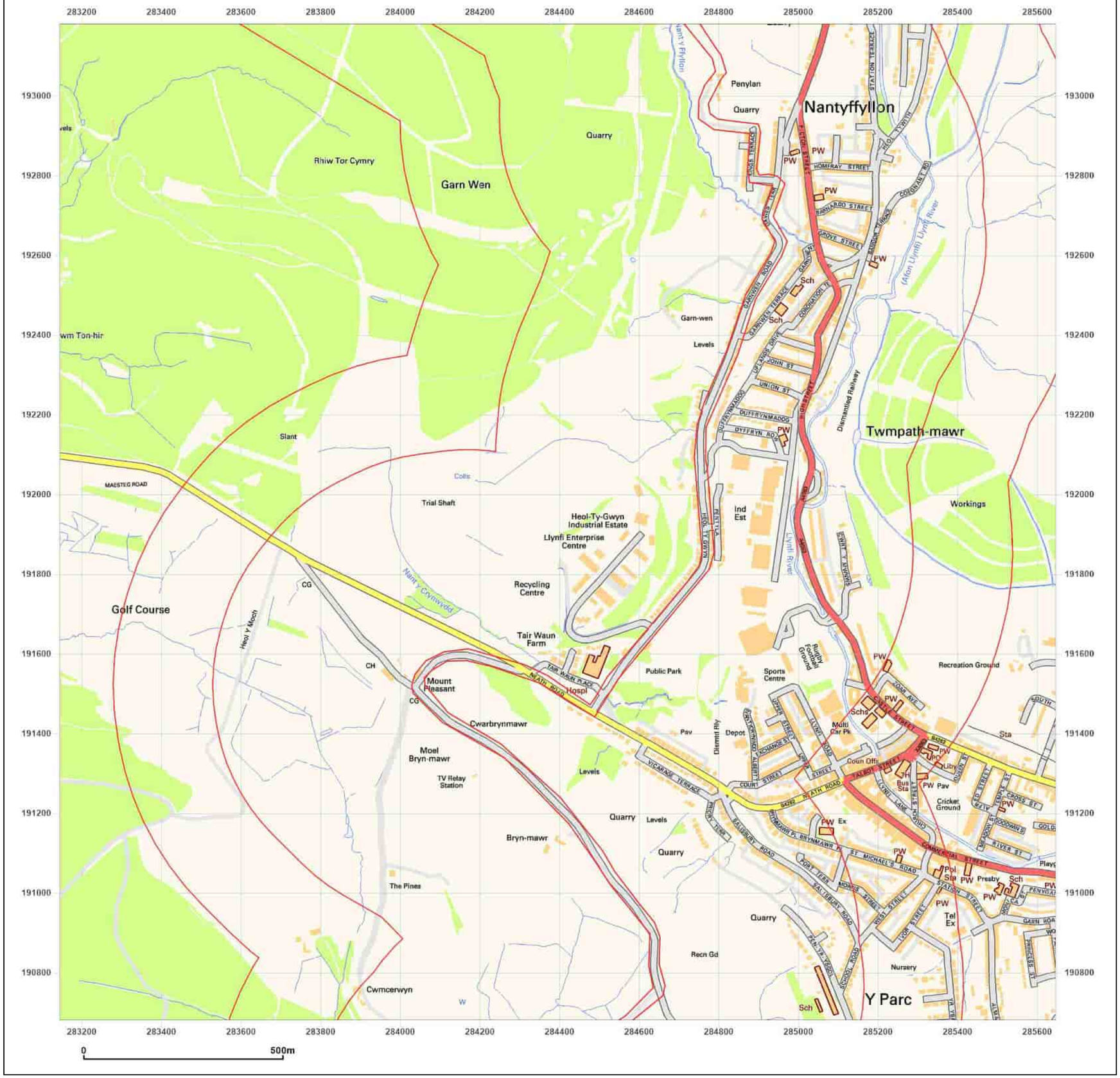
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_3
Grid Ref: 284396, 191931

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

2010

Groundsure INSIGHTS

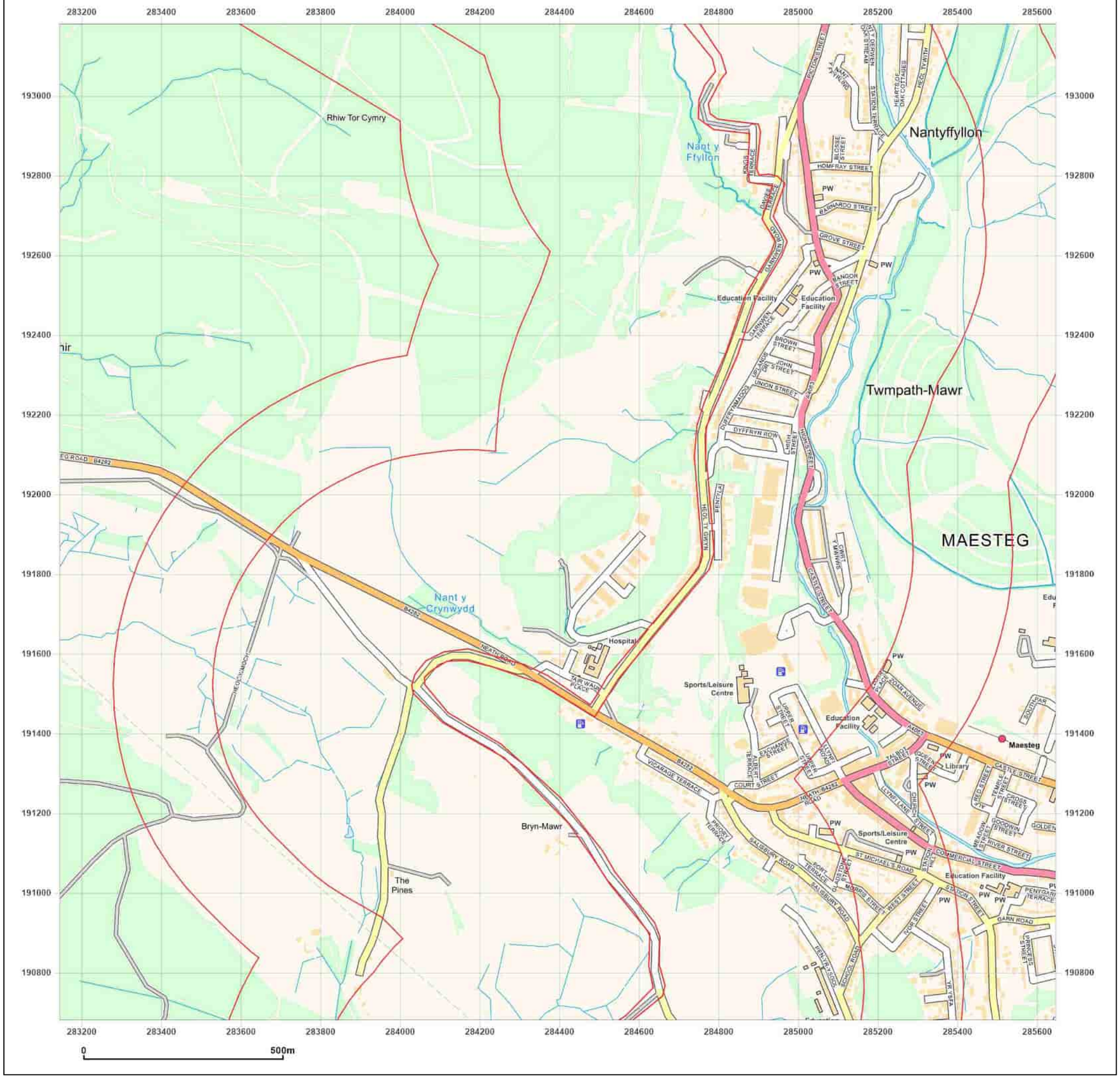
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_3
Grid Ref: 284396, 191931

Map Name: National Grid

Map date: **2025**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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2025

Groundsure INSIGHTS

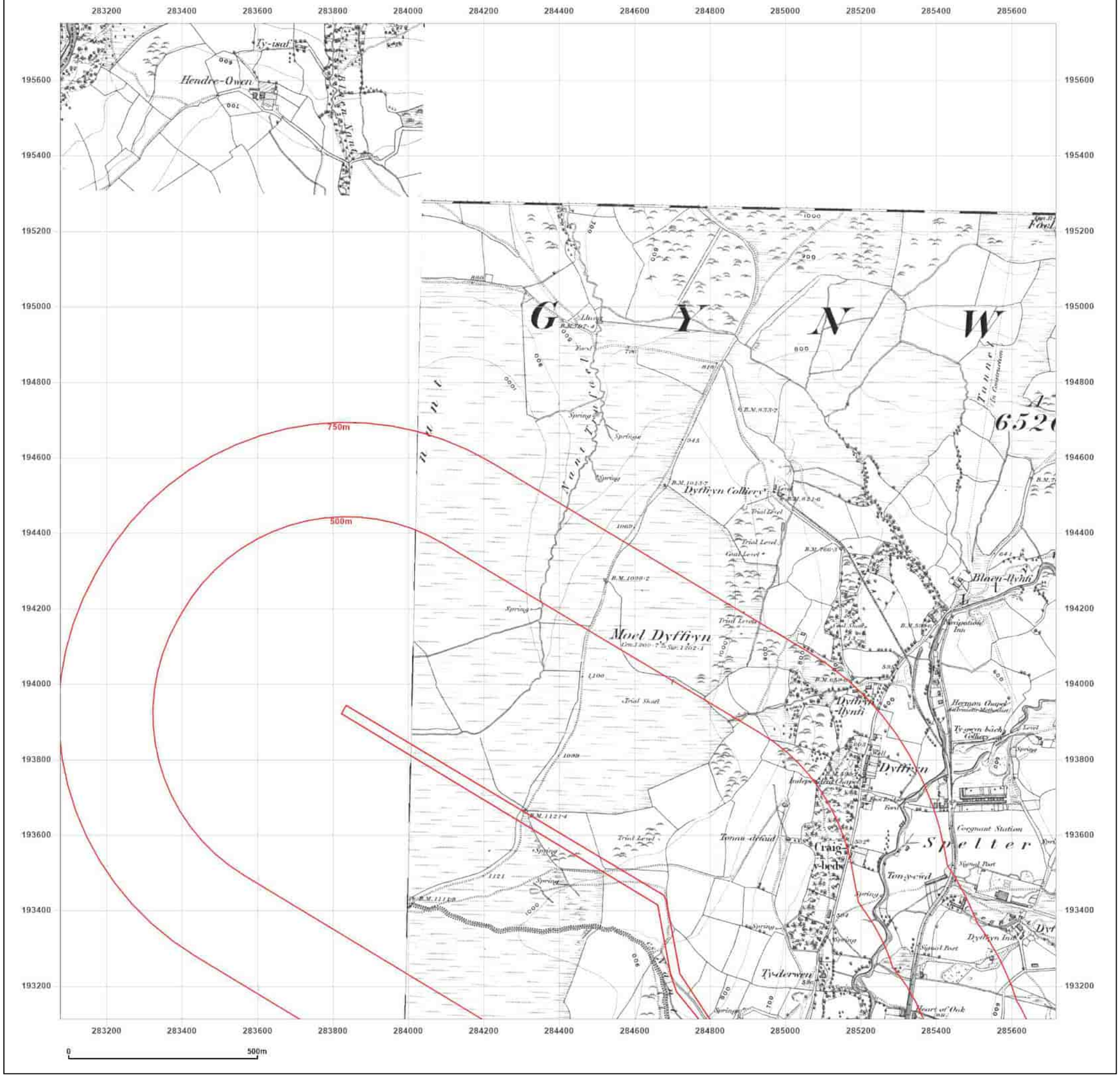
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Production date: 04 March 2025

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_4
Grid Ref: 284396, 194431

Map Name: County Series

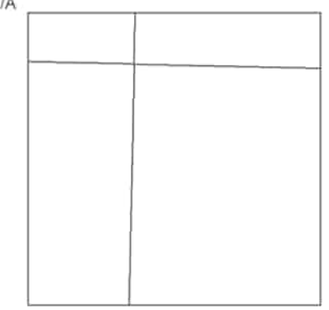
Map date: **1876-1877**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1876
Revised 1876
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

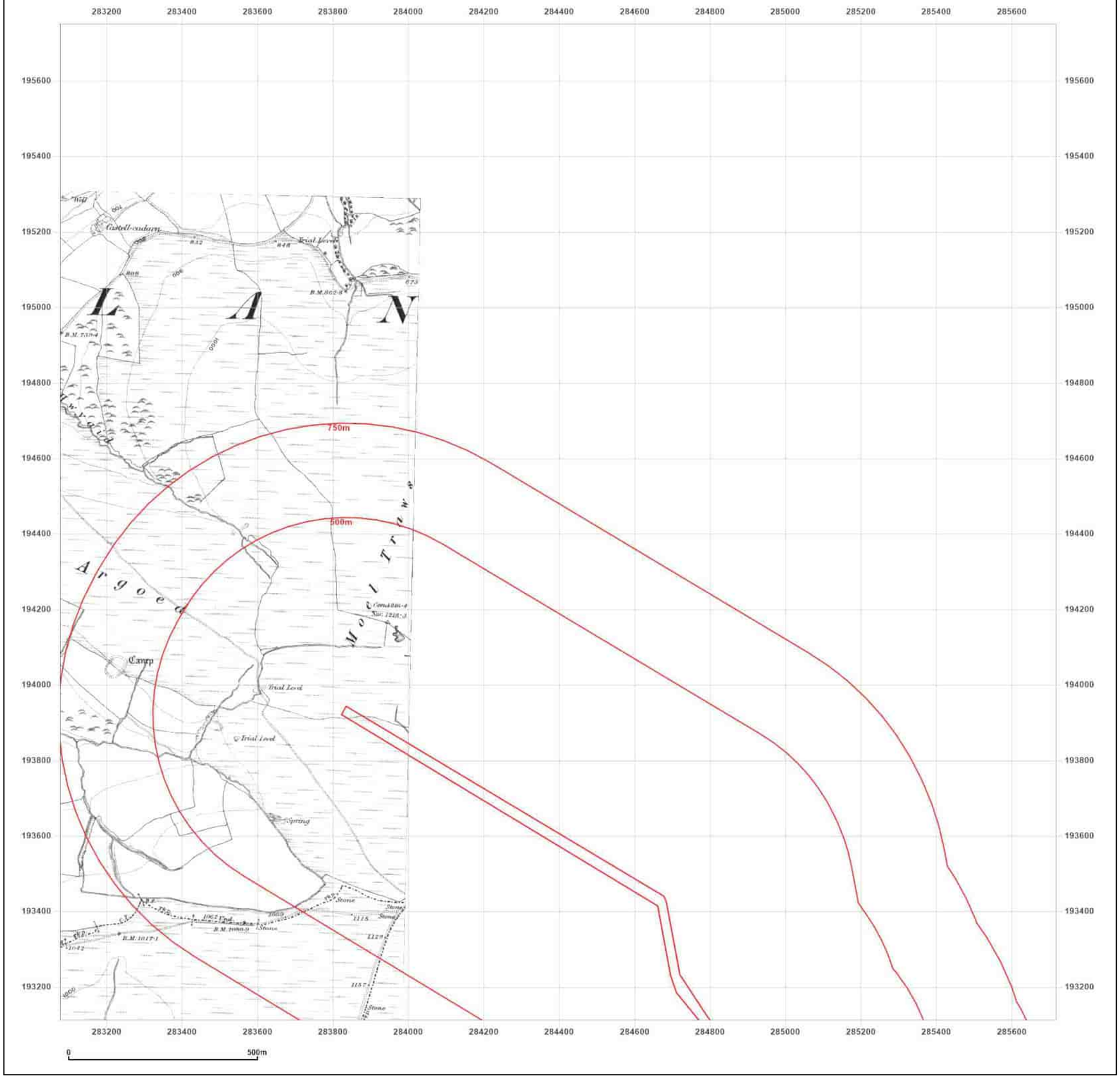
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_4
Grid Ref: 284396, 194431

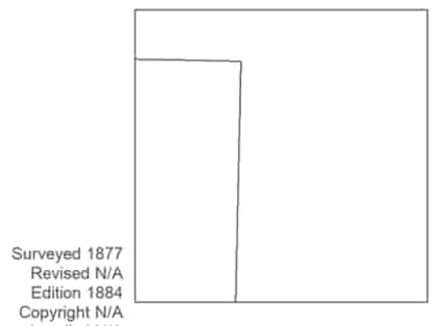
Map Name: County Series

Map date: **1884**

Scale: 1:10,560

Printed at: 1:10,560

N
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Groundsure INSIGHTS

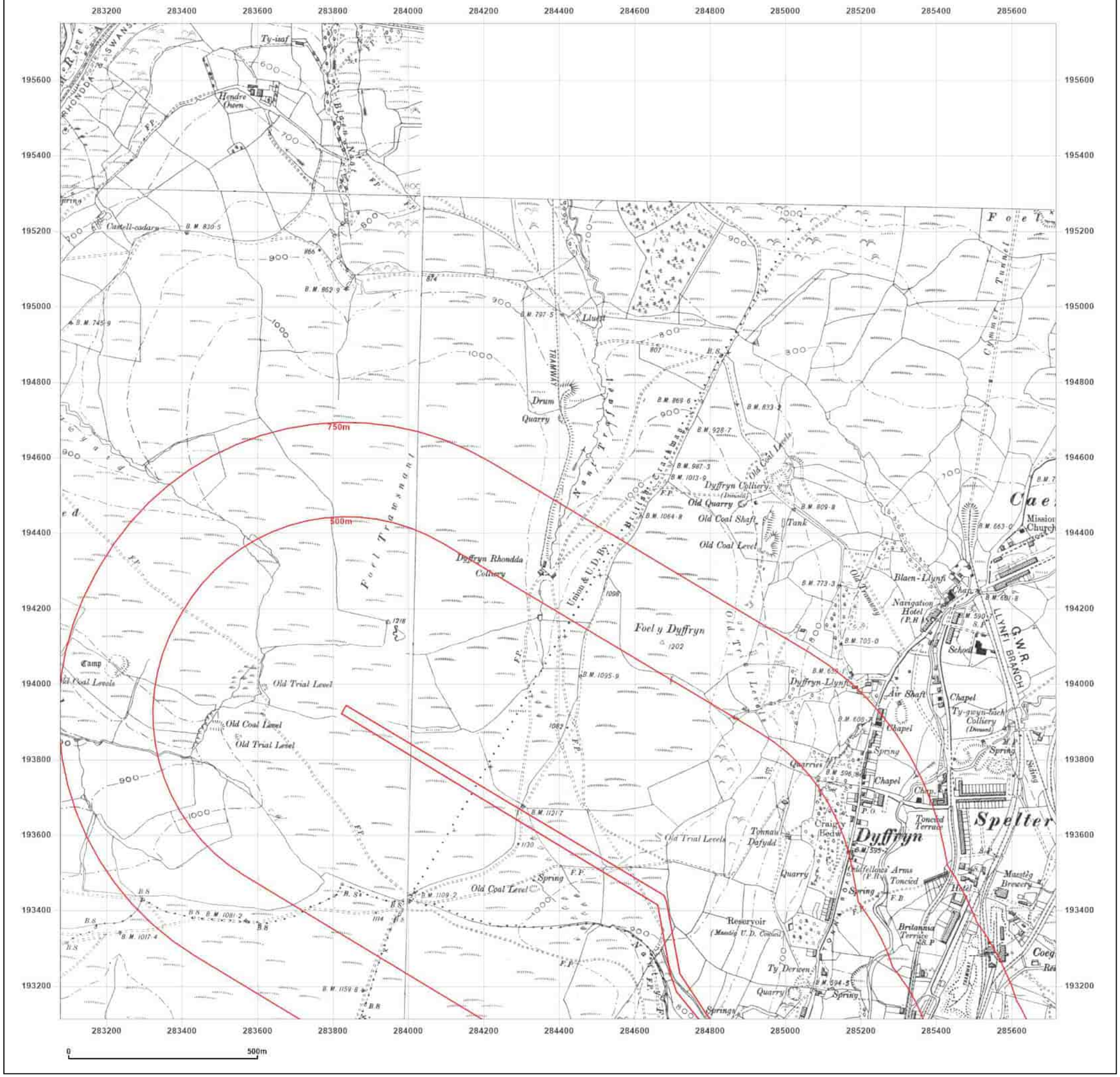
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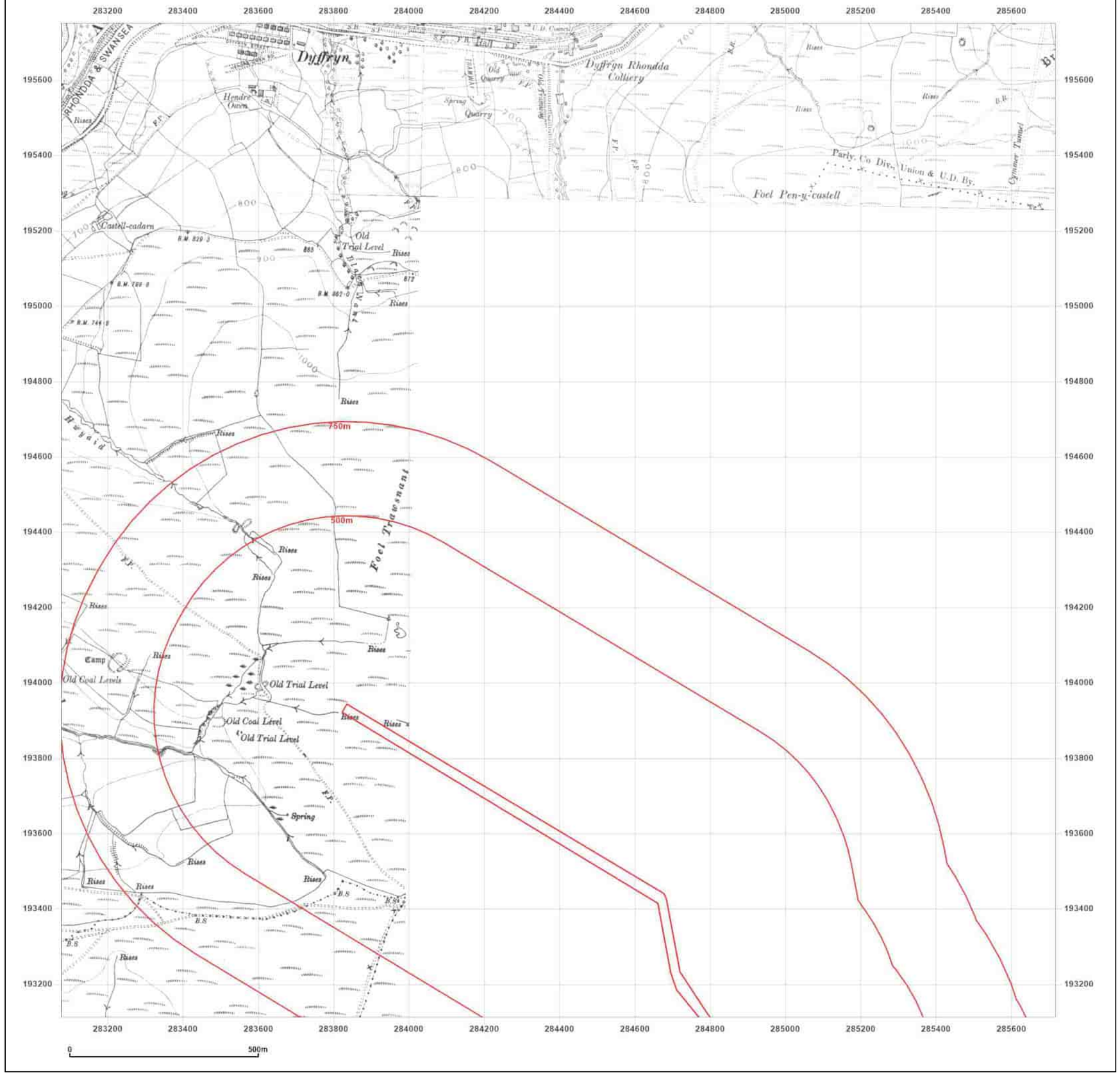
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283200
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195200
195000
194800
194600
194400
194200
194000
193800
193600
193400
193200
750m
500m
0
500m
Ty-isaf
Hendre Ddu
Cwmcell-cadarn
Llwyn
Drum Quarry
Foel y Dyffryn
Dyffryn Colliery
Old Quarry
Old Coal Shaft
Old Coal Level
Tank
Dyffryn Rhondda Colliery
Old Trial Level
Camp
Old Coal Levels
Quarries
Reservoir
Dyffryn
Spelter
Dyffryn-Llynfi
Blaen-Llynfi
Navigation Hotel (P.H.)
Air Shaft
Chapel
Ty-gwyn-isaf Colliery
Craig-y-Bedw
Tonnau Dafydd
Old Coal Levels
Britannia Terrace
Toncoid Terrace
Ty Derwen
Springs
Old Trial Levels
Foel Tyla Mawr
Old Coal Levels
Old Trial Level
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Old Trial Levels
Old Coal Level
Old Trial Levels



Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_4
Grid Ref: 284396, 194431

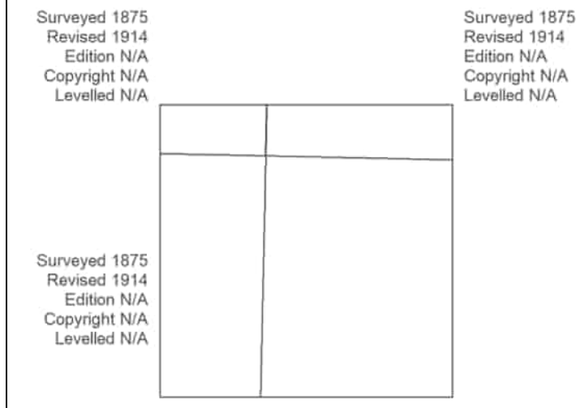
Map Name: County Series

Map date: **1914**

Scale: 1:10,560

Printed at: 1:10,560

N
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Groundsure INSIGHTS

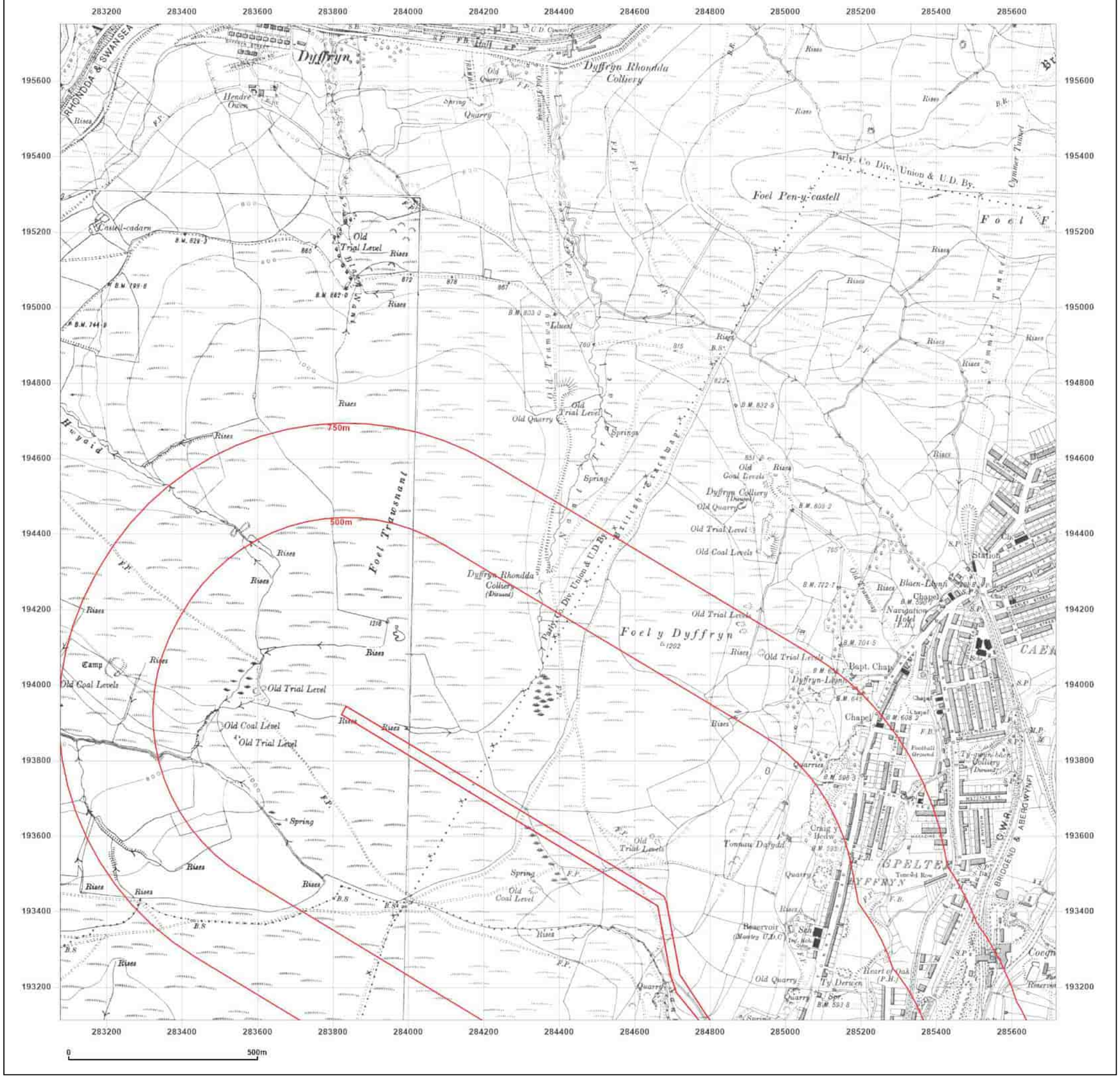
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Production date: 04 March 2025

Map legend available at:
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_4
Grid Ref: 284396, 194431

Map Name: County Series

Map date: **1921**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1876
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1876
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1875
Revised 1921
Edition 1921
Copyright N/A
Levelled N/A

Surveyed 1875
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

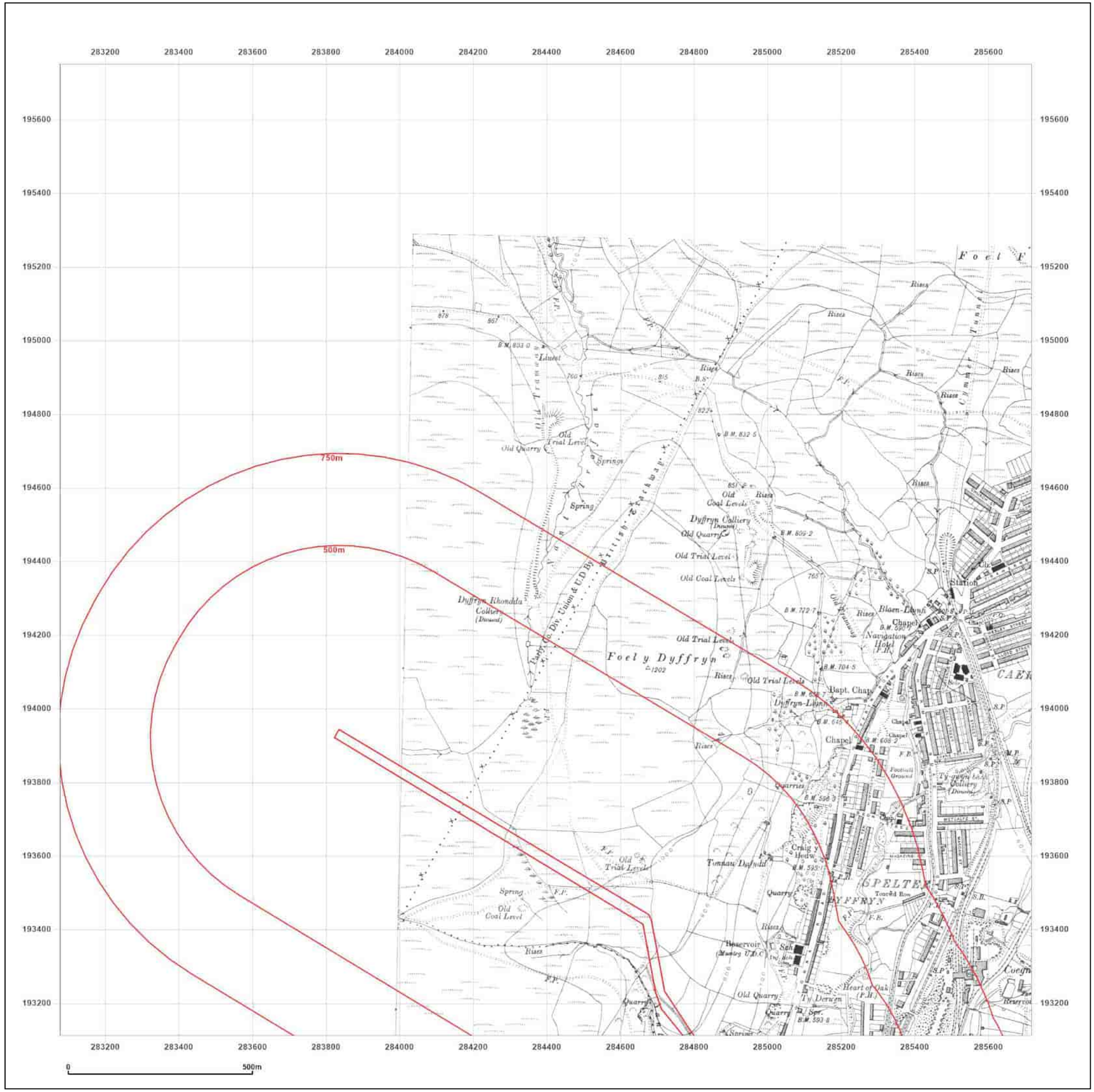
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Site Details:

FTN boundary

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Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_4
Grid Ref: 284396, 194431

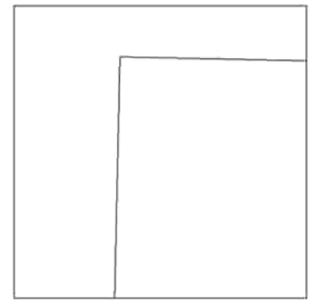
Map Name: County Series

Map date: **1921**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S



Surveyed 1875
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

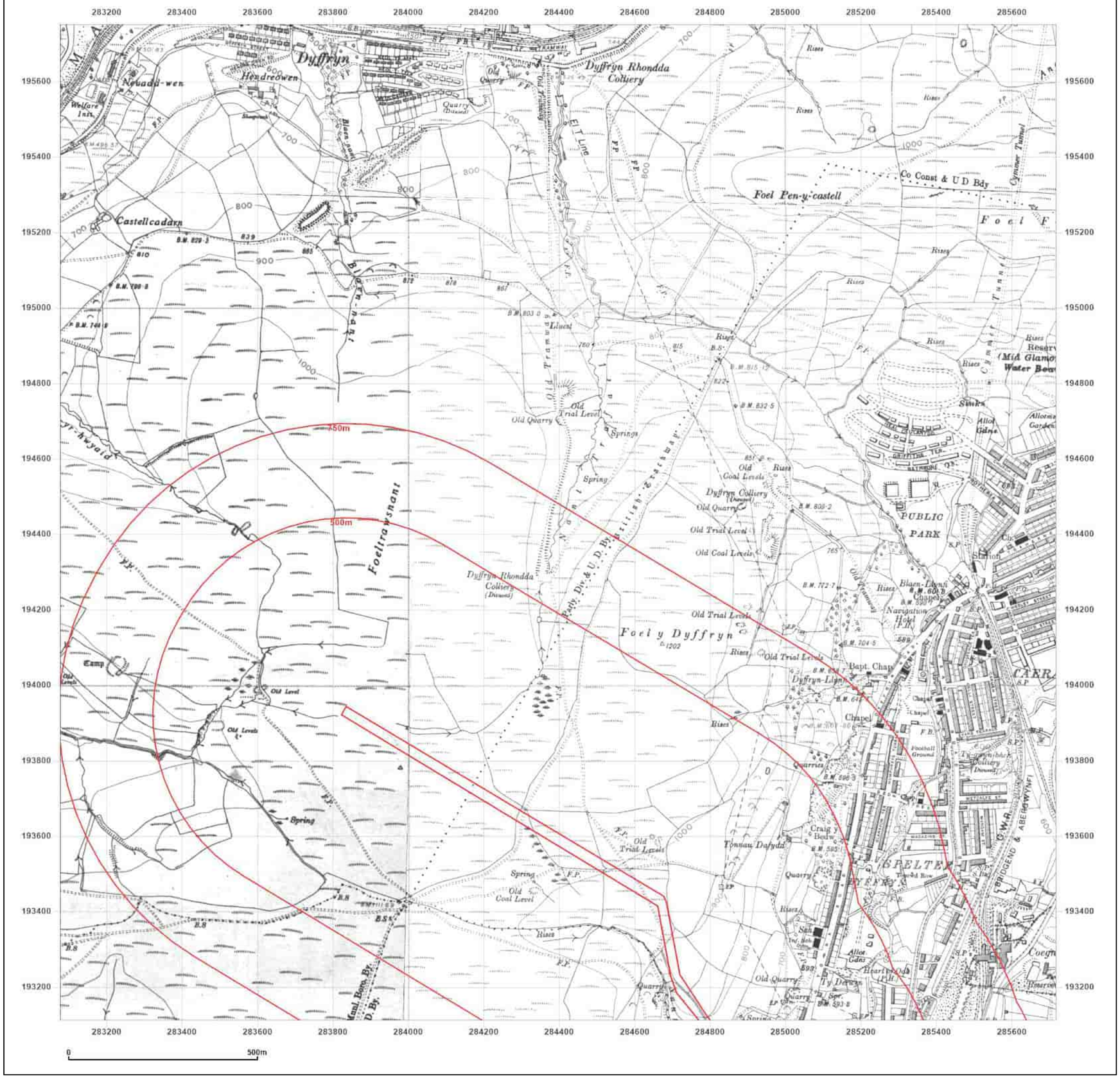
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_4
Grid Ref: 284396, 194431

Map Name: County Series

Map date: **1947-1948**

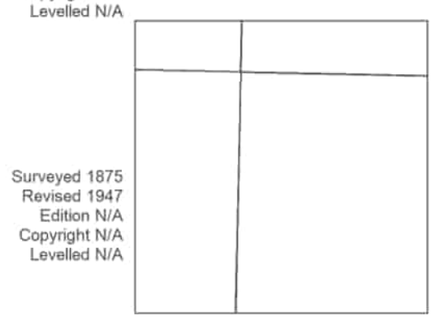
Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1875
Revised 1948
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1875
Revised 1948
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1875
Revised 1947
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1875
Revised 1947
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

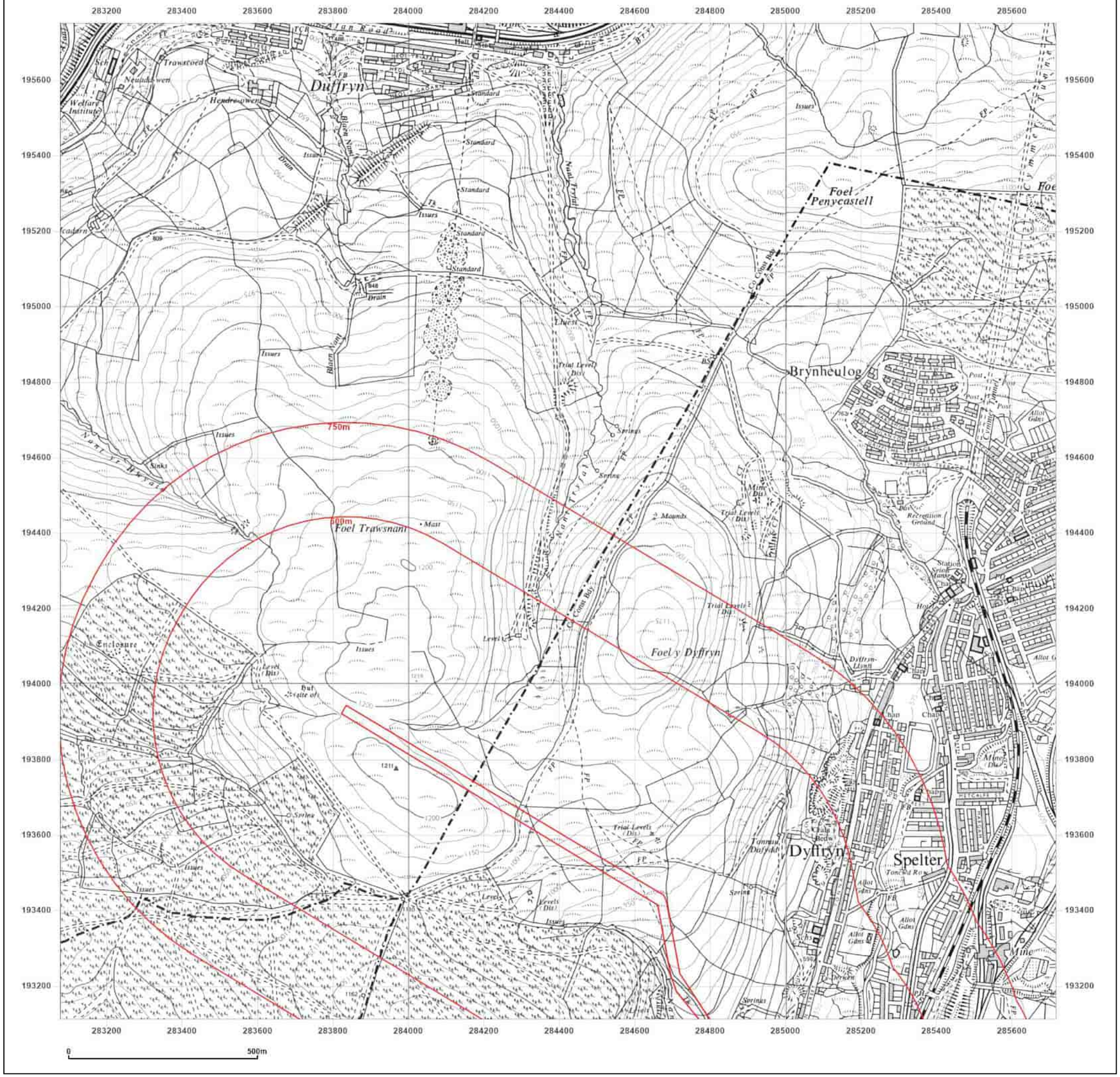
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_4
Grid Ref: 284396, 194431

Map Name: Provisional

Map date: **1964-1965**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1964
Revised 1964
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1965
Revised 1965
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1964
Revised 1964
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Surveyed 1965
Revised 1965
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Copyright N/A
Levelled N/A

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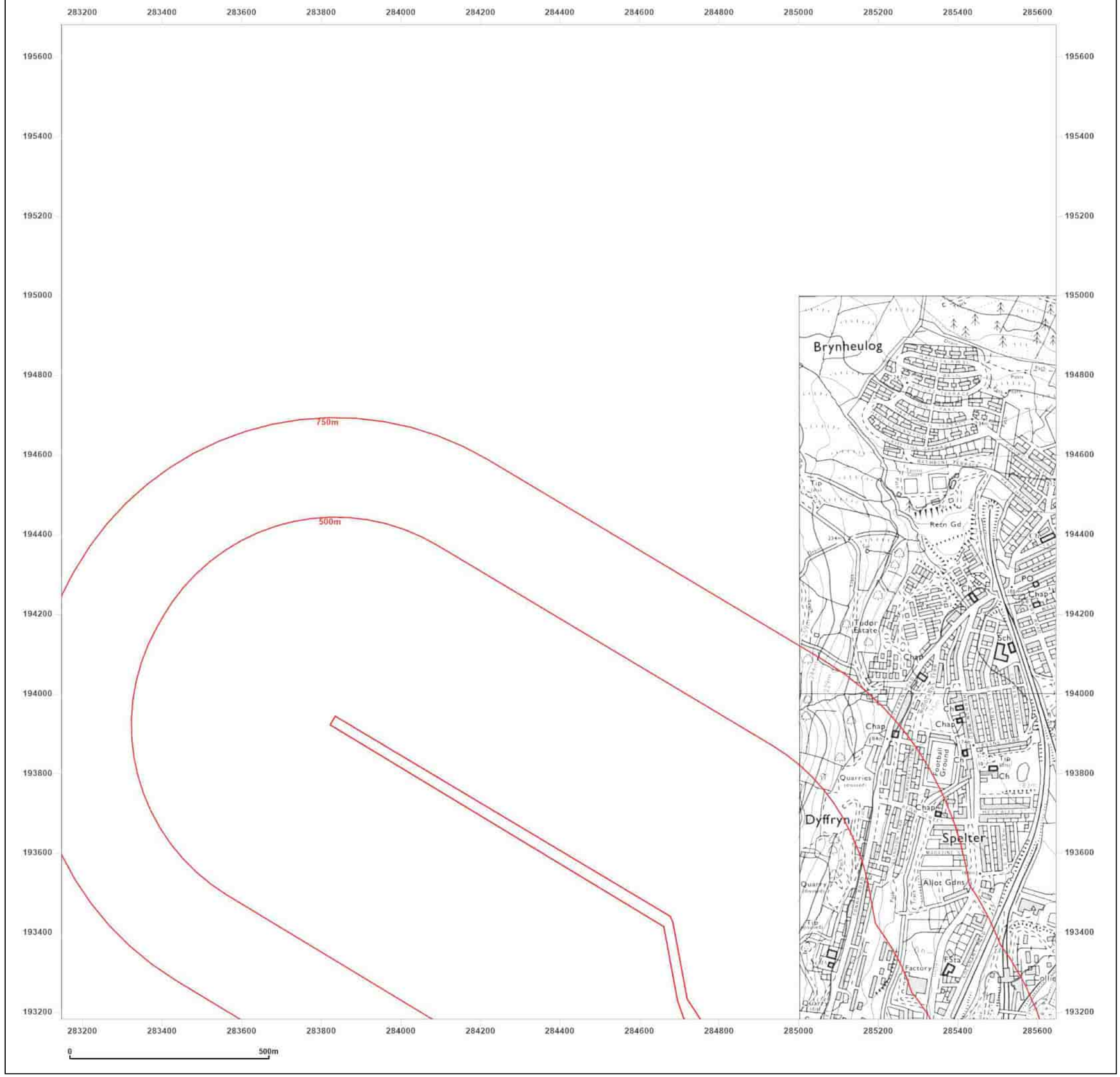
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_4
Grid Ref: 284396, 194431

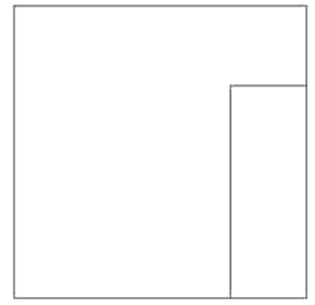
Map Name: National Grid

Map date: **1975**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S



Surveyed 1972
Revised 1975
Edition N/A
Copyright 1975
Levelled 1964

Groundsure INSIGHTS

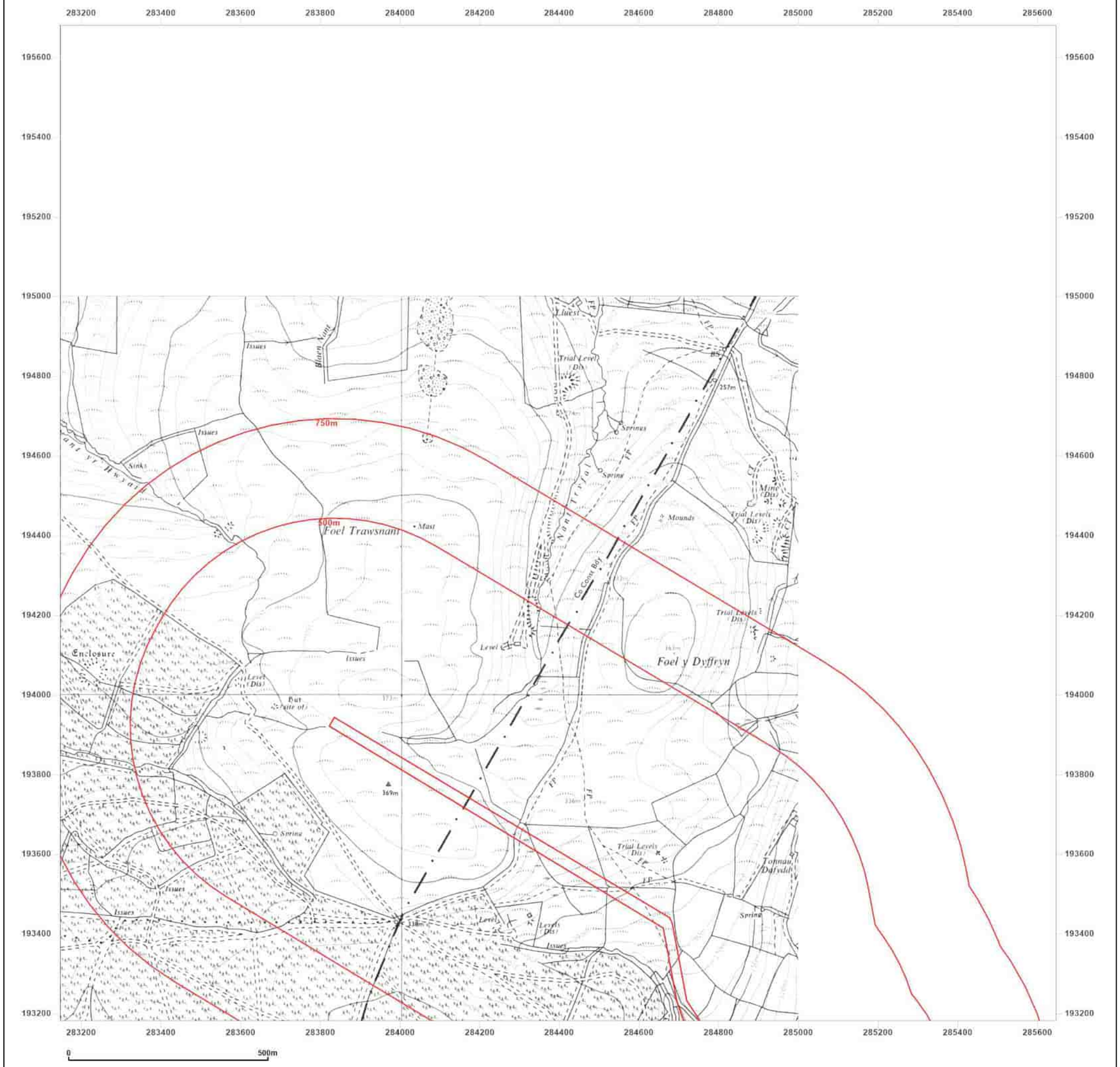
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Production date: 04 March 2025

Map legend available at:
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_4
Grid Ref: 284396, 194431

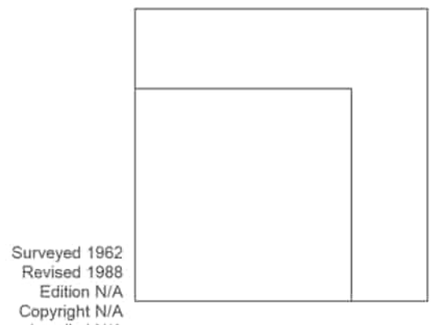
Map Name: National Grid

Map date: **1988**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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Surveyed 1962
Revised 1988
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

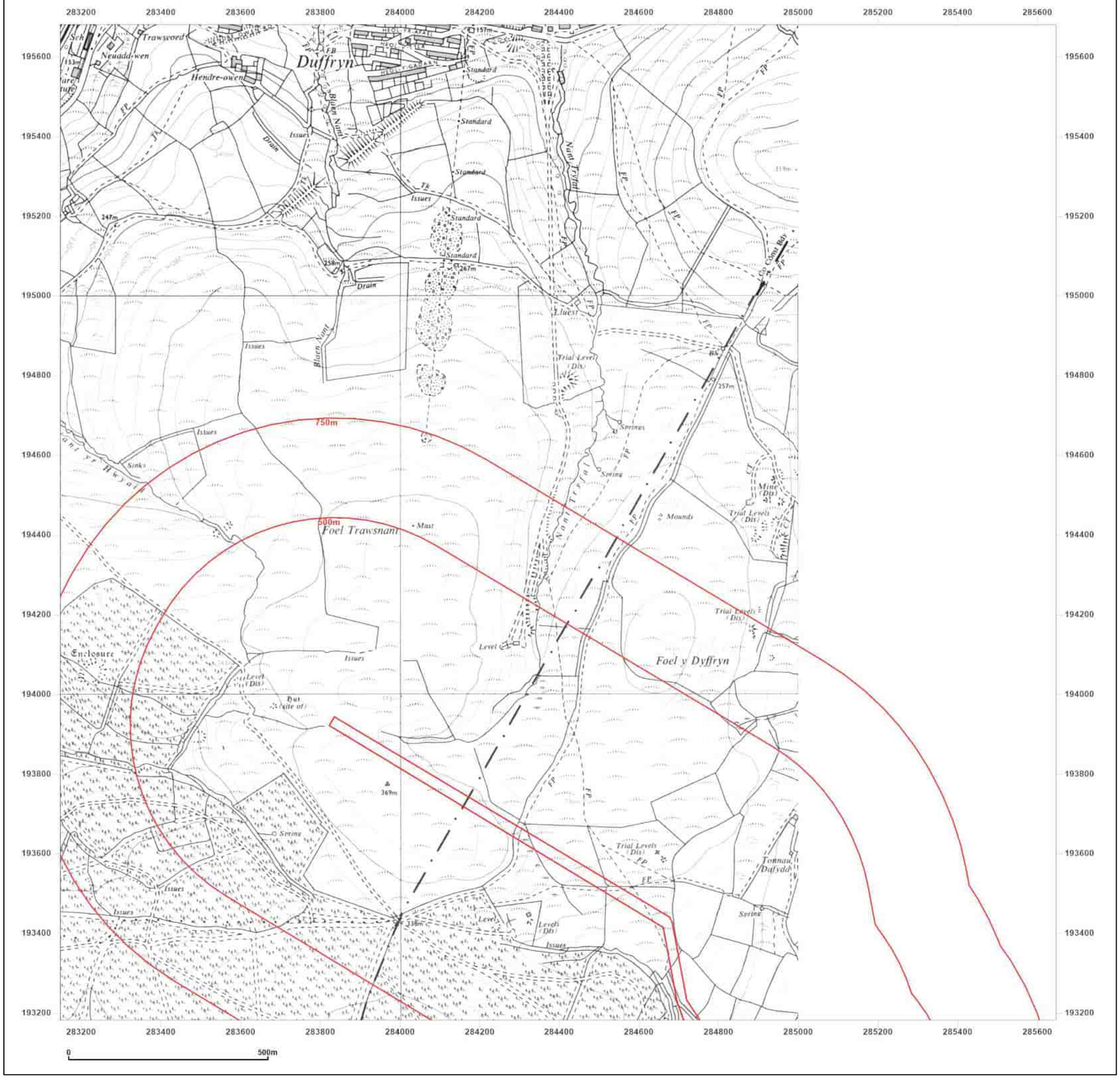
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Production date: 04 March 2025

Map legend available at:
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_4
Grid Ref: 284396, 194431

Map Name: National Grid

Map date: **1988-1989**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1962
Revised 1988
Edition N/A
Copyright N/A
Levelled N/A

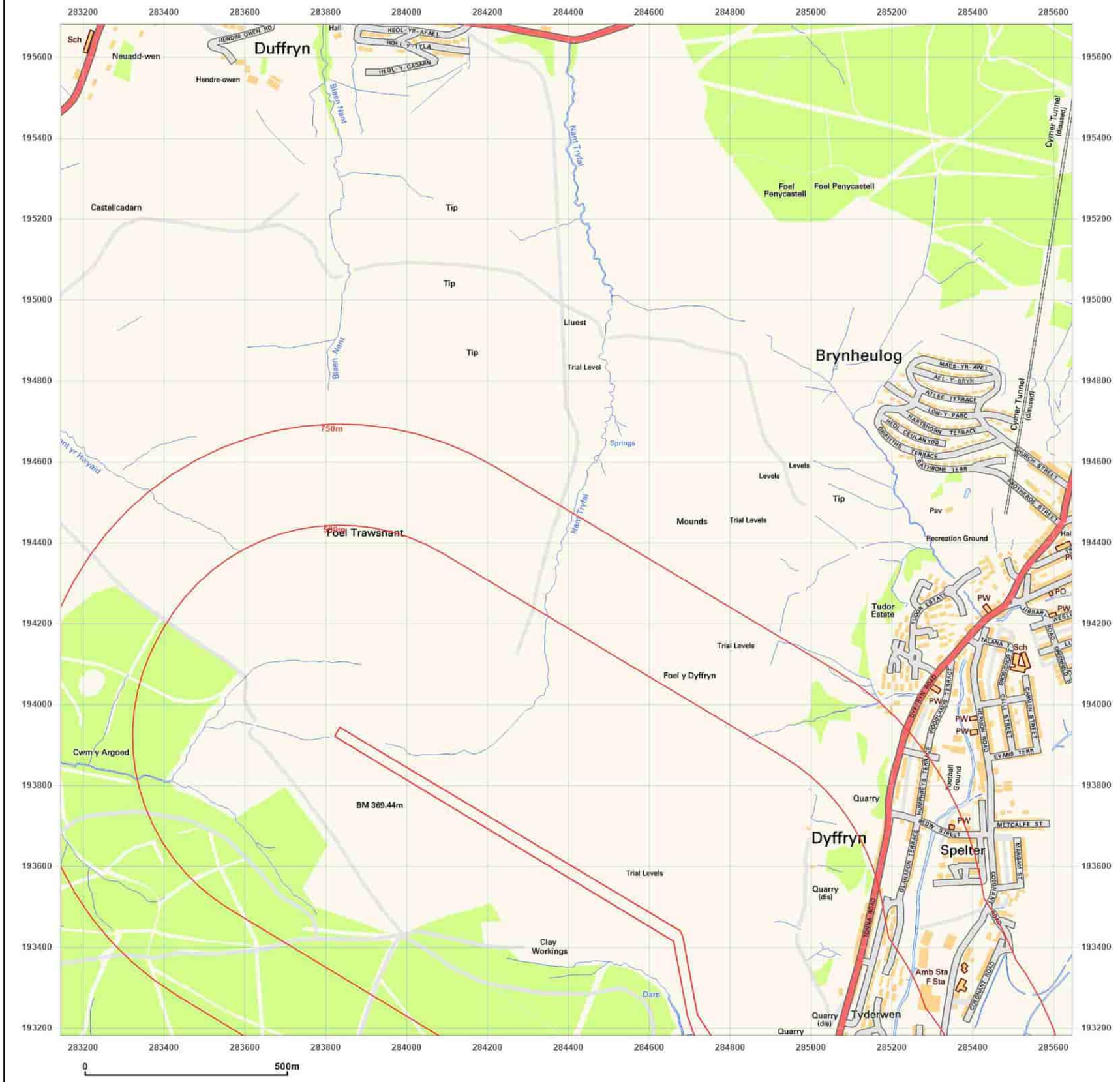
Surveyed 1962
Revised 1989
Edition N/A
Copyright N/A
Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_4
Grid Ref: 284396, 194431

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

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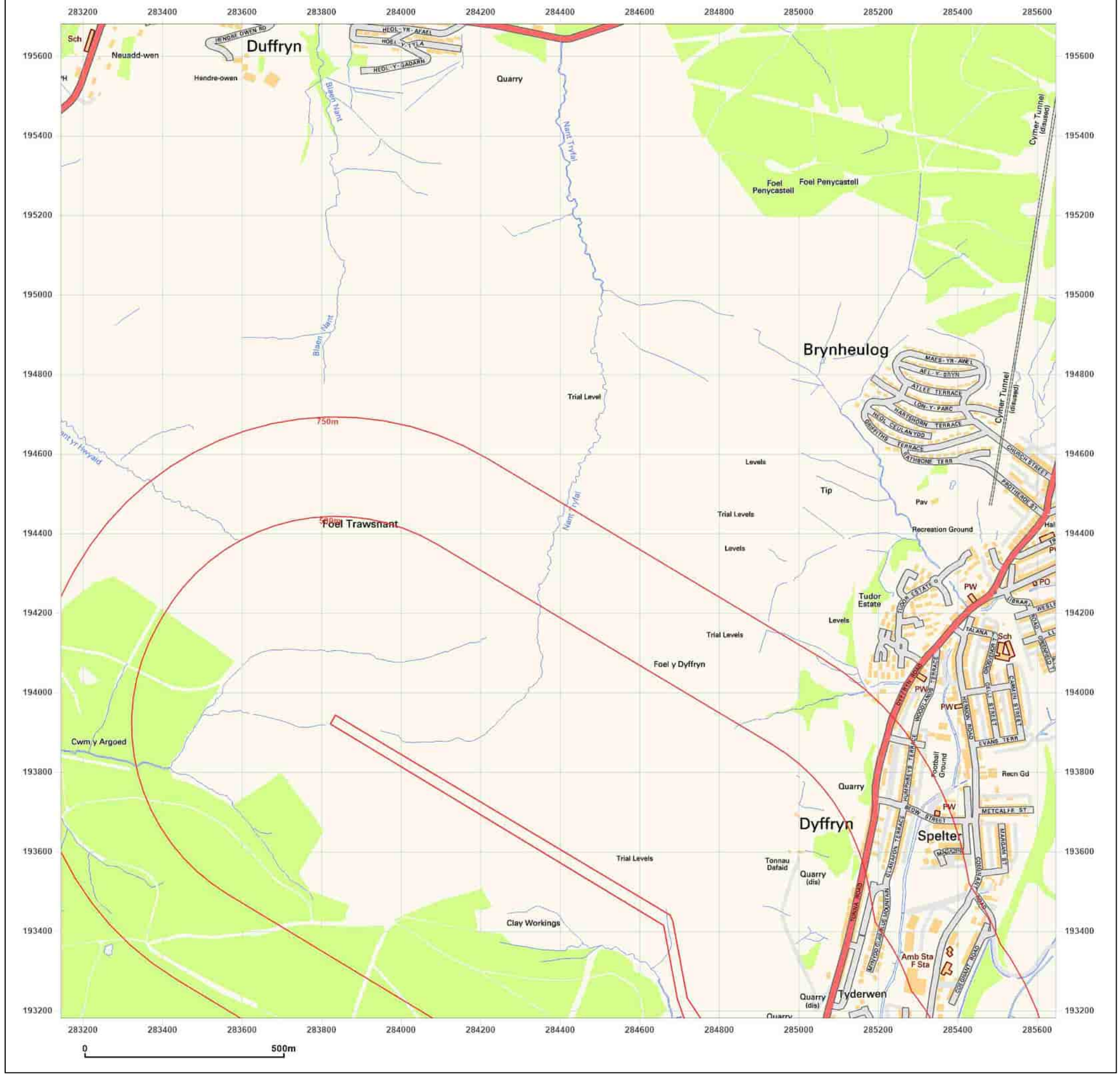
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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_4
Grid Ref: 284396, 194431

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

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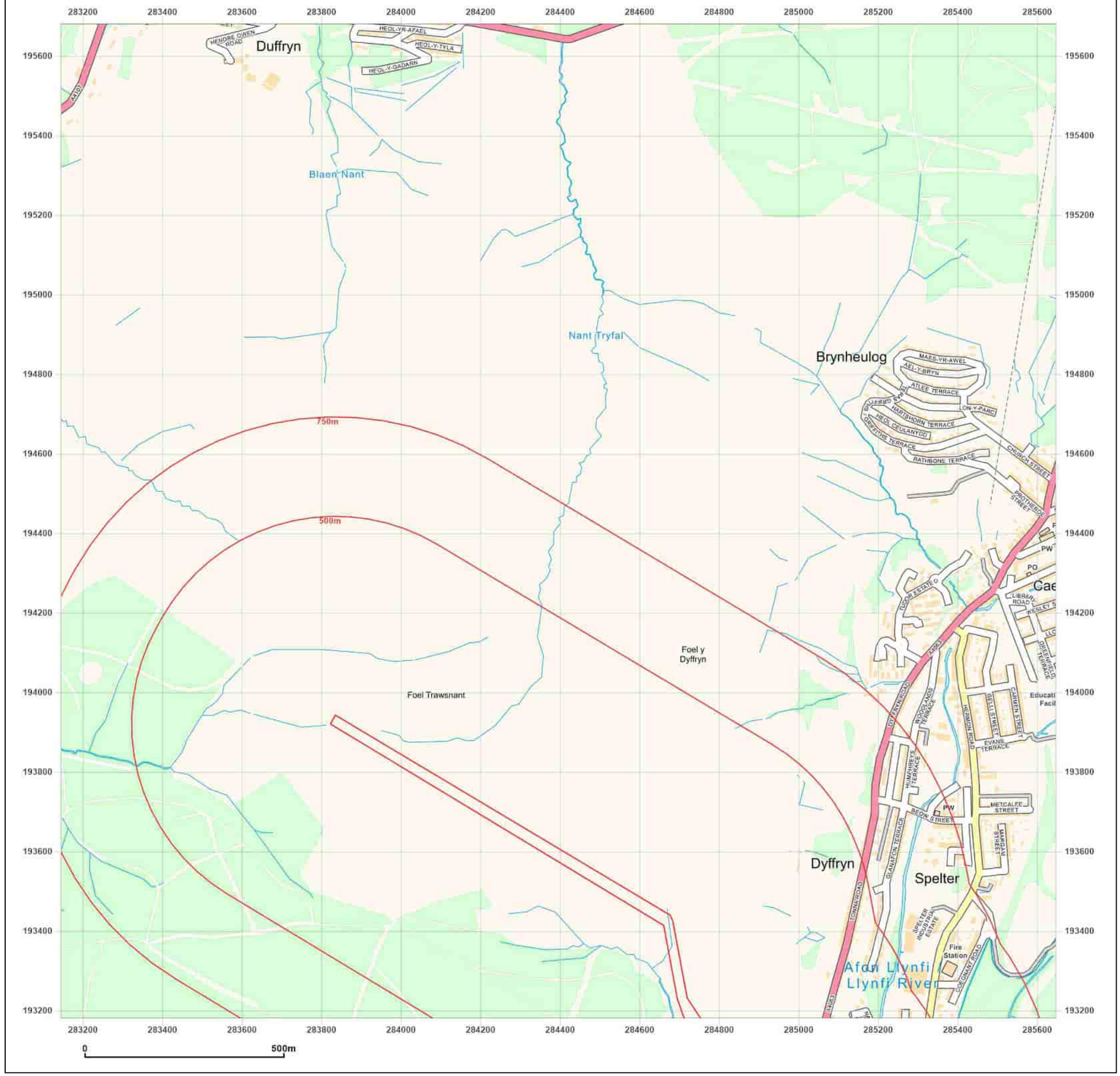
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_SS_1_4
Grid Ref: 284396, 194431

Map Name: National Grid

Map date: **2025**

Scale: 1:10,000

Printed at: 1:10,000

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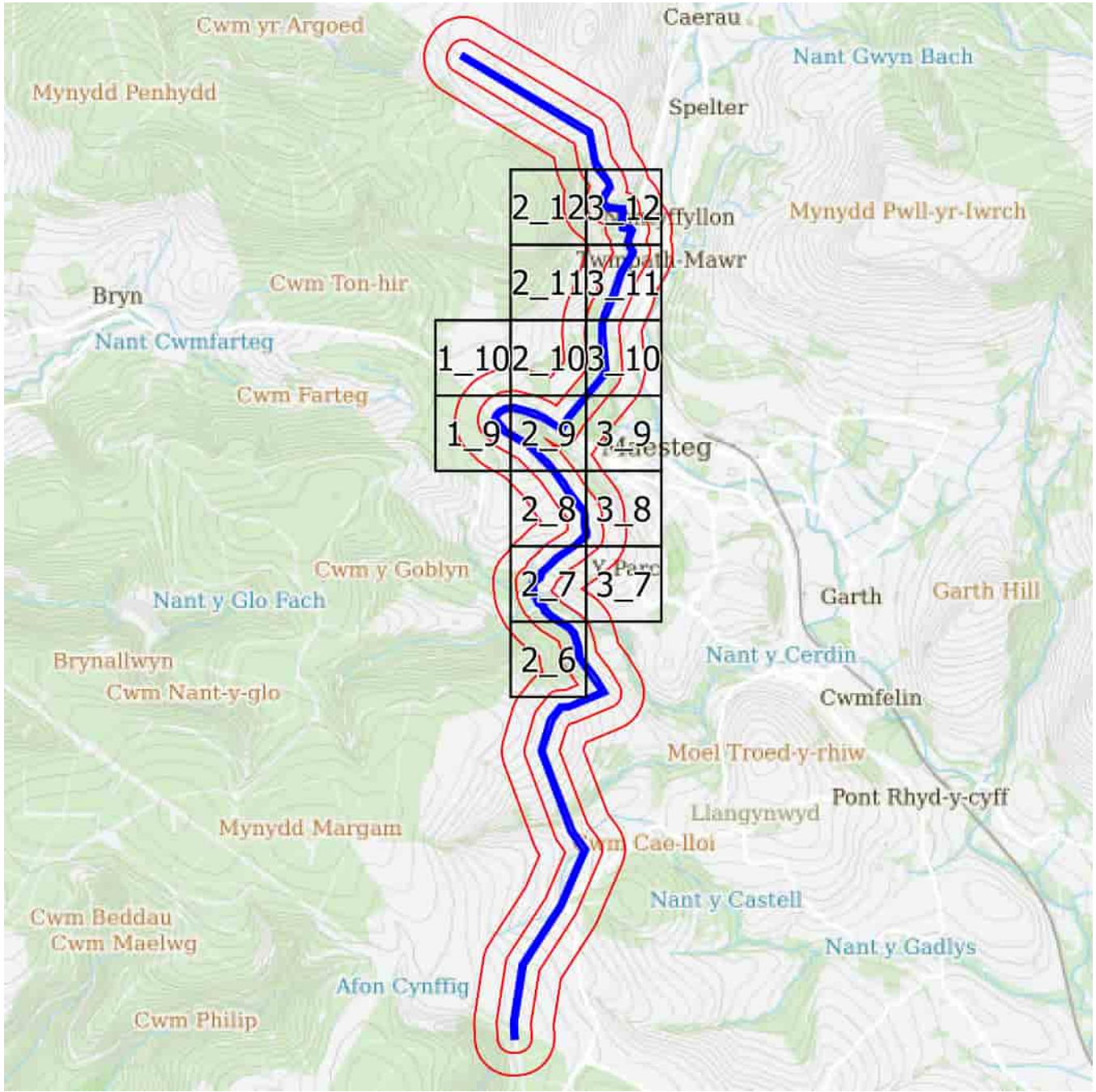
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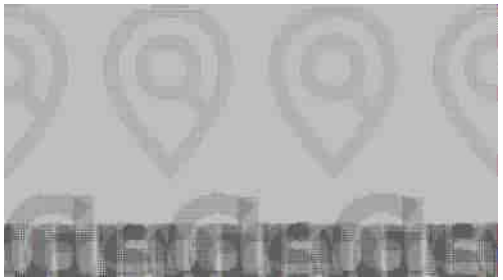
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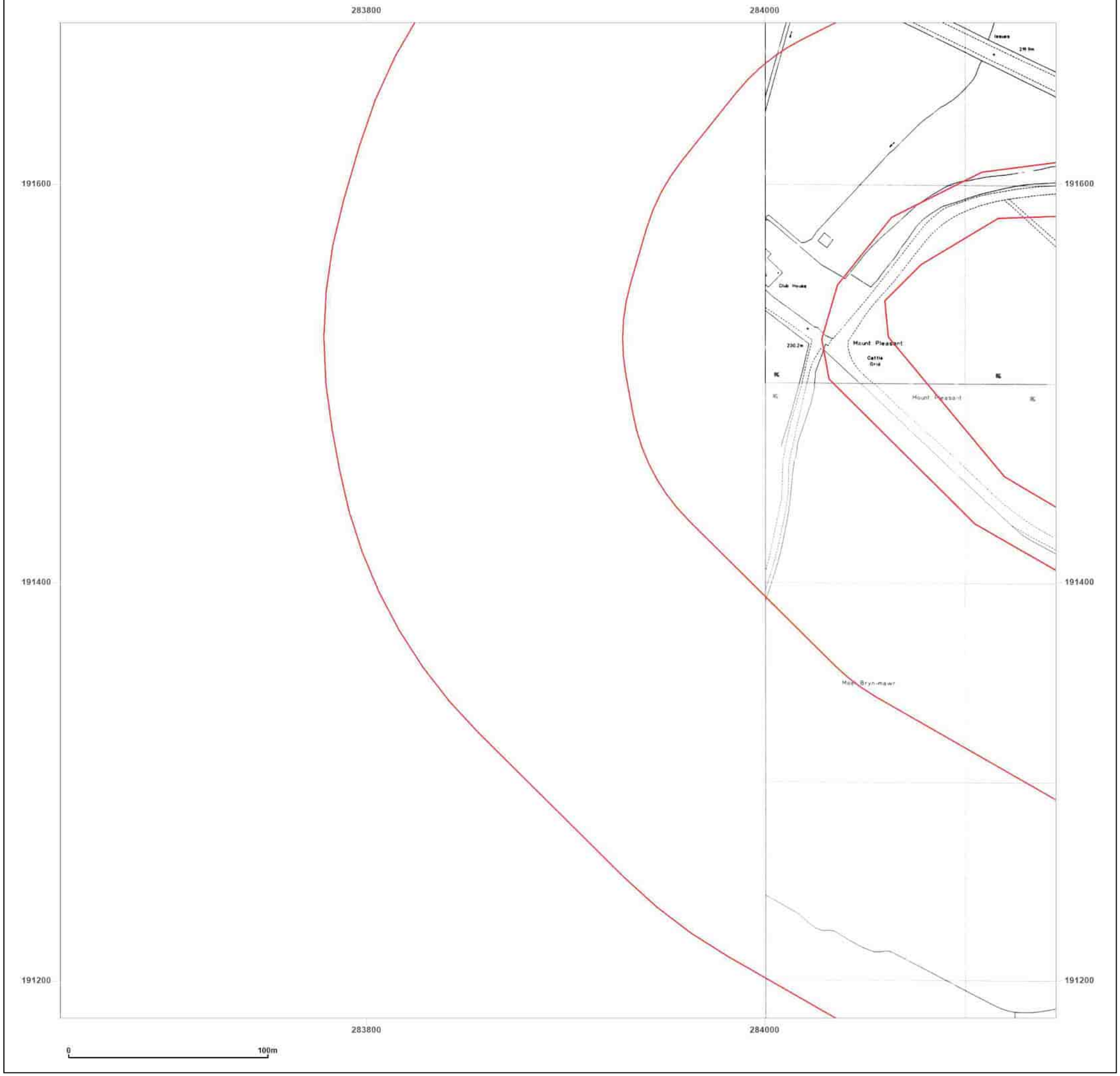
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1:1,250 Scale Grid Index





Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_1_9
Grid Ref: 283896, 191431

Map Name: National Grid

Map date: **1993**

Scale: 1:1,250

Printed at: 1:2,000

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Edition N/A
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Levelled N/A

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Revised N/A
Edition N/A
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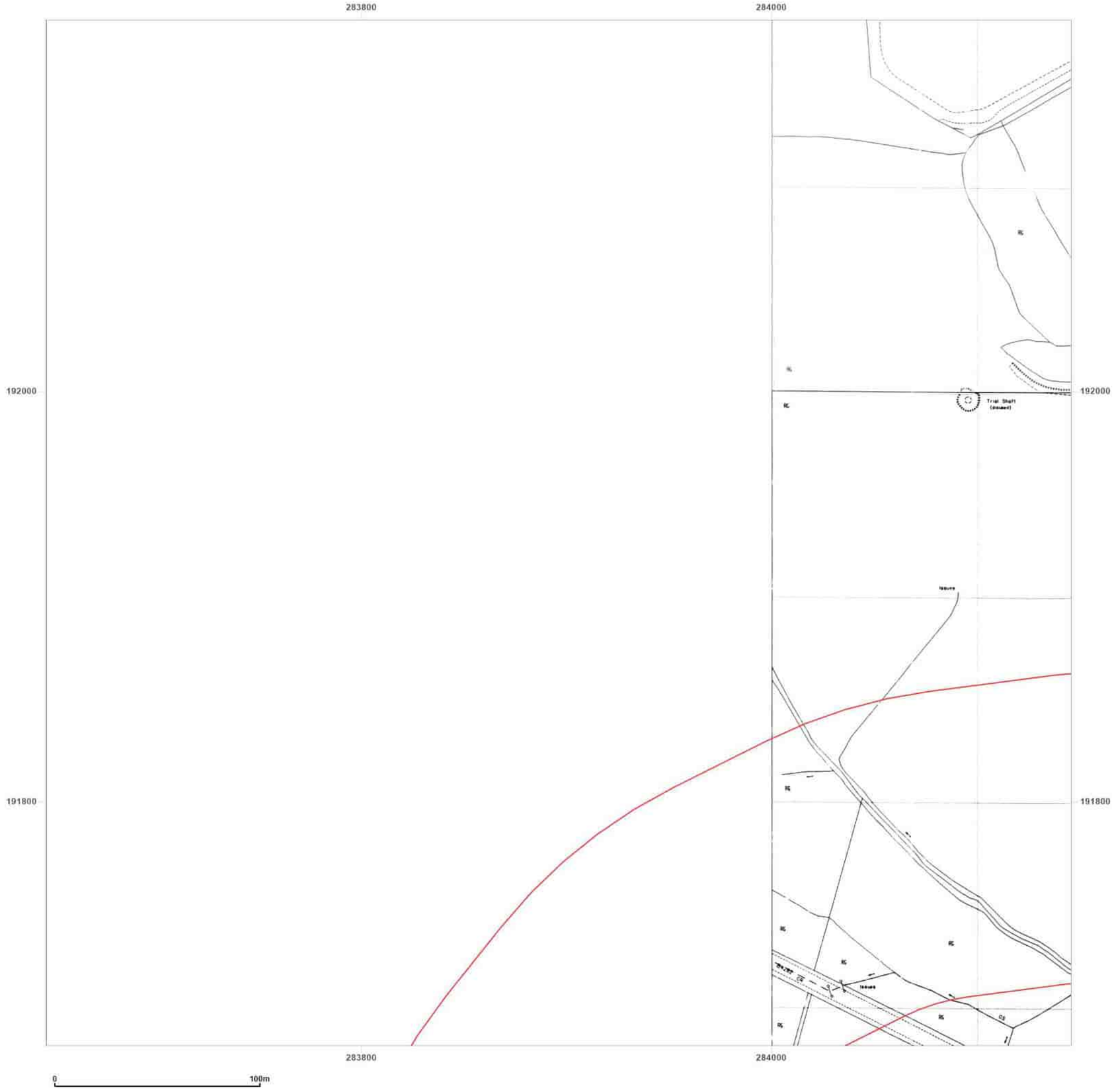
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_1_10
Grid Ref: 283896, 191931

Map Name: National Grid

Map date: **1993**

Scale: 1:1,250

Printed at: 1:2,000

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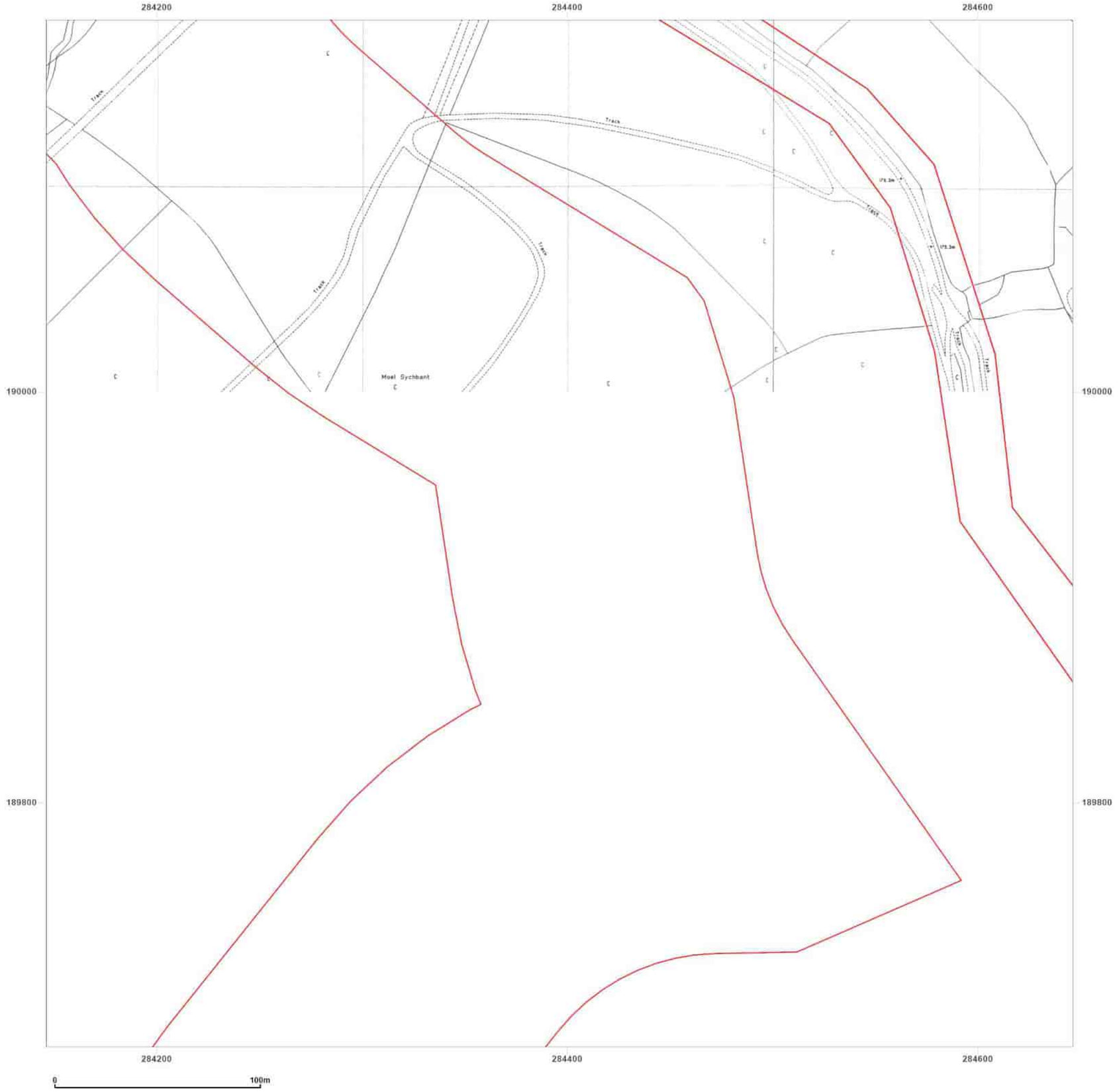
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_2_6
Grid Ref: 284396, 189931

Map Name: National Grid

Map date: **1993**

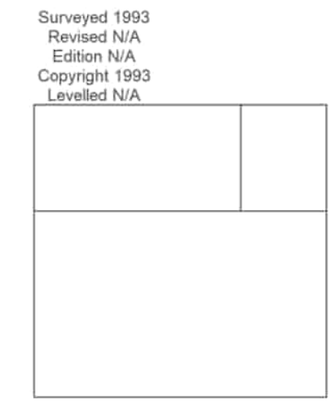
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Printed at: 1:2,000

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Edition N/A
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Surveyed 1993
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Edition N/A
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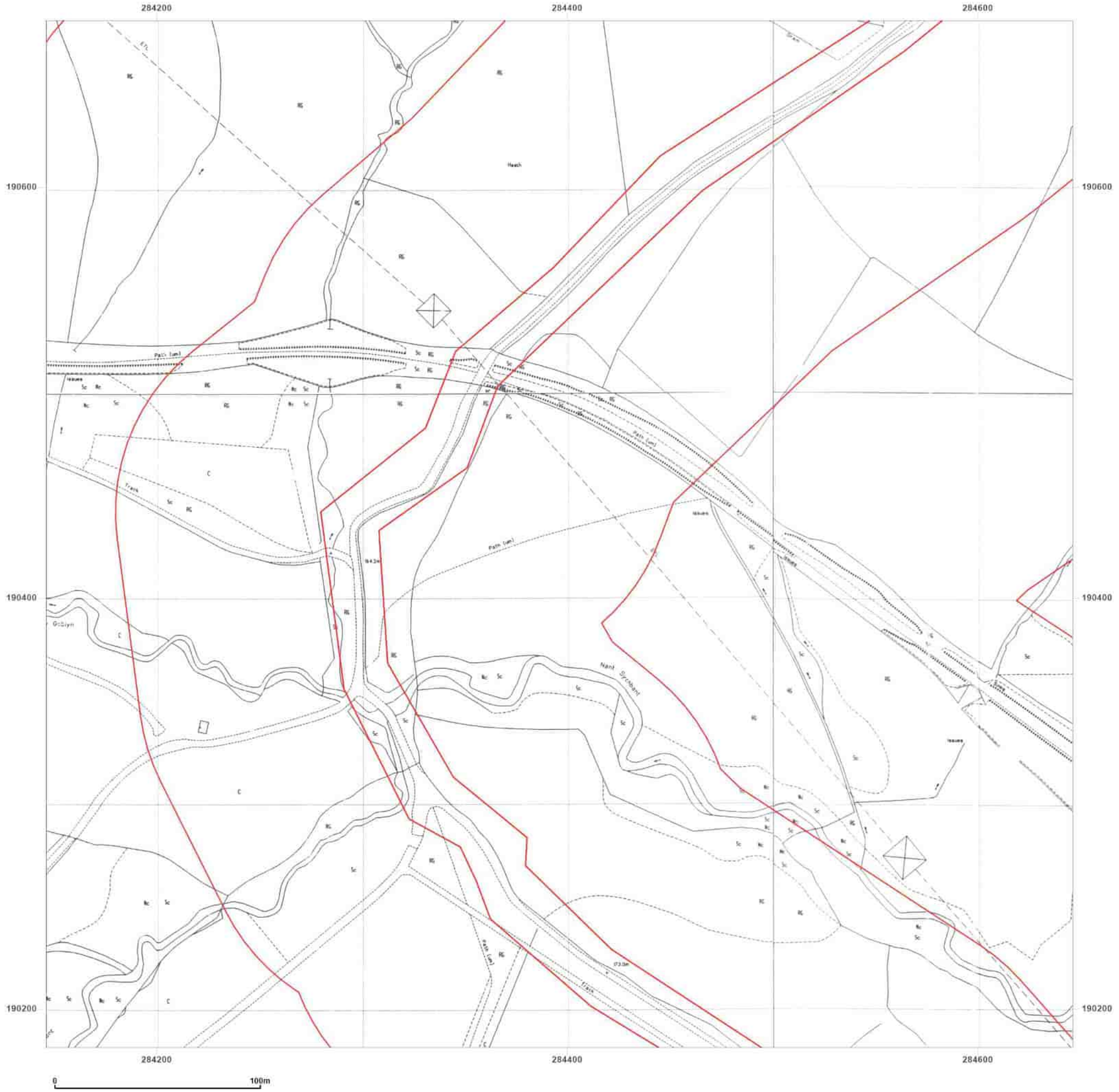
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_2_7
Grid Ref: 284396, 190431

Map Name: National Grid

Map date: **1993**

Scale: 1:1,250

Printed at: 1:2,000

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Edition N/A
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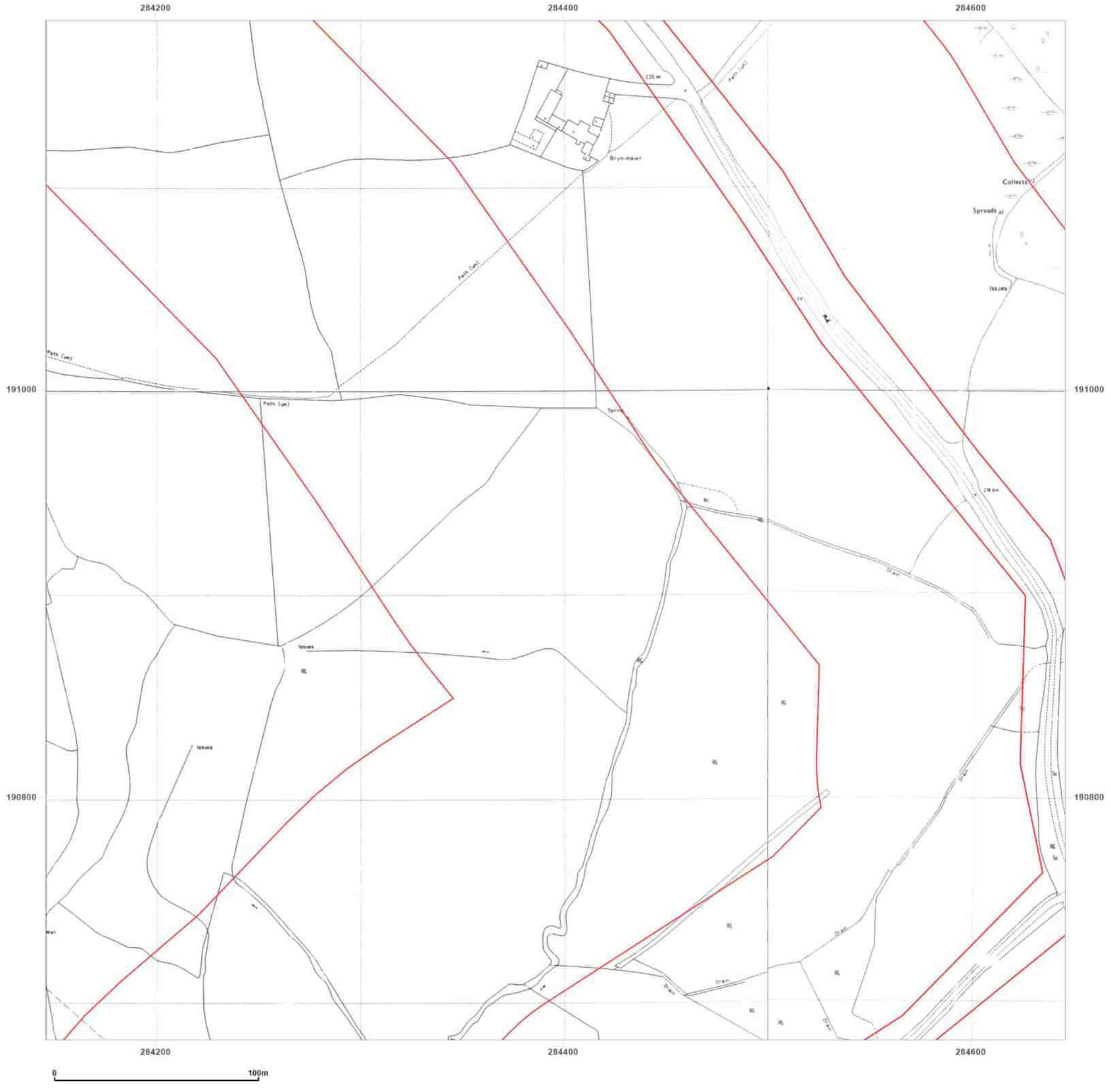
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_2_8
Grid Ref: 284396, 190931

Map Name: National Grid

Map date: **1989-1993**

Scale: 1:1,250

Printed at: 1:2,000

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Revised 1989
Edition N/A
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Revised N/A
Edition N/A
Copyright 1993
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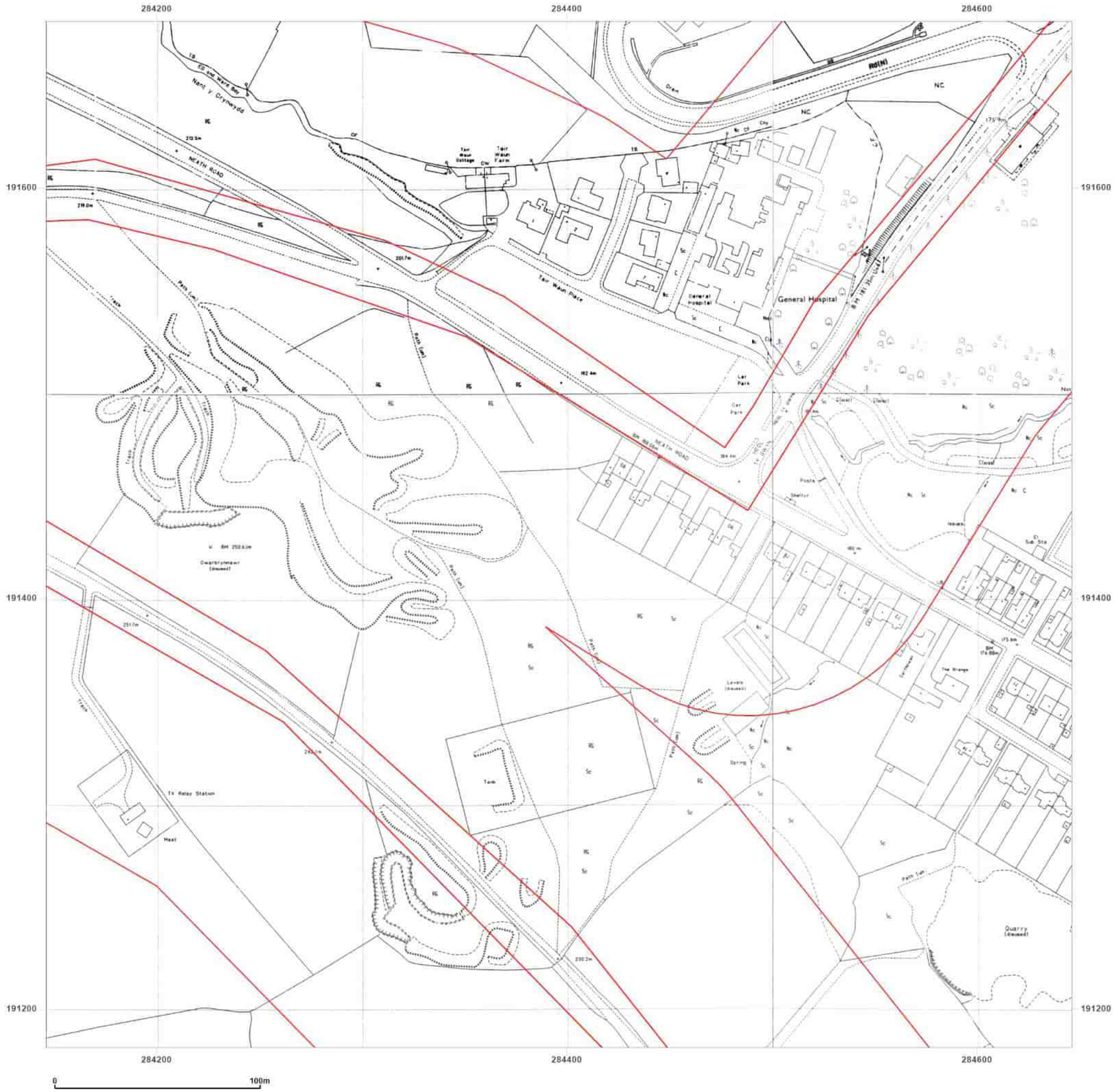
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_2_9
Grid Ref: 284396, 191431

Map Name: National Grid

Map date: **1991-1993**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1993 Revised N/A Edition N/A Copyright 1993 Levelled N/A	Surveyed 1993 Revised N/A Edition N/A Copyright 1993 Levelled N/A

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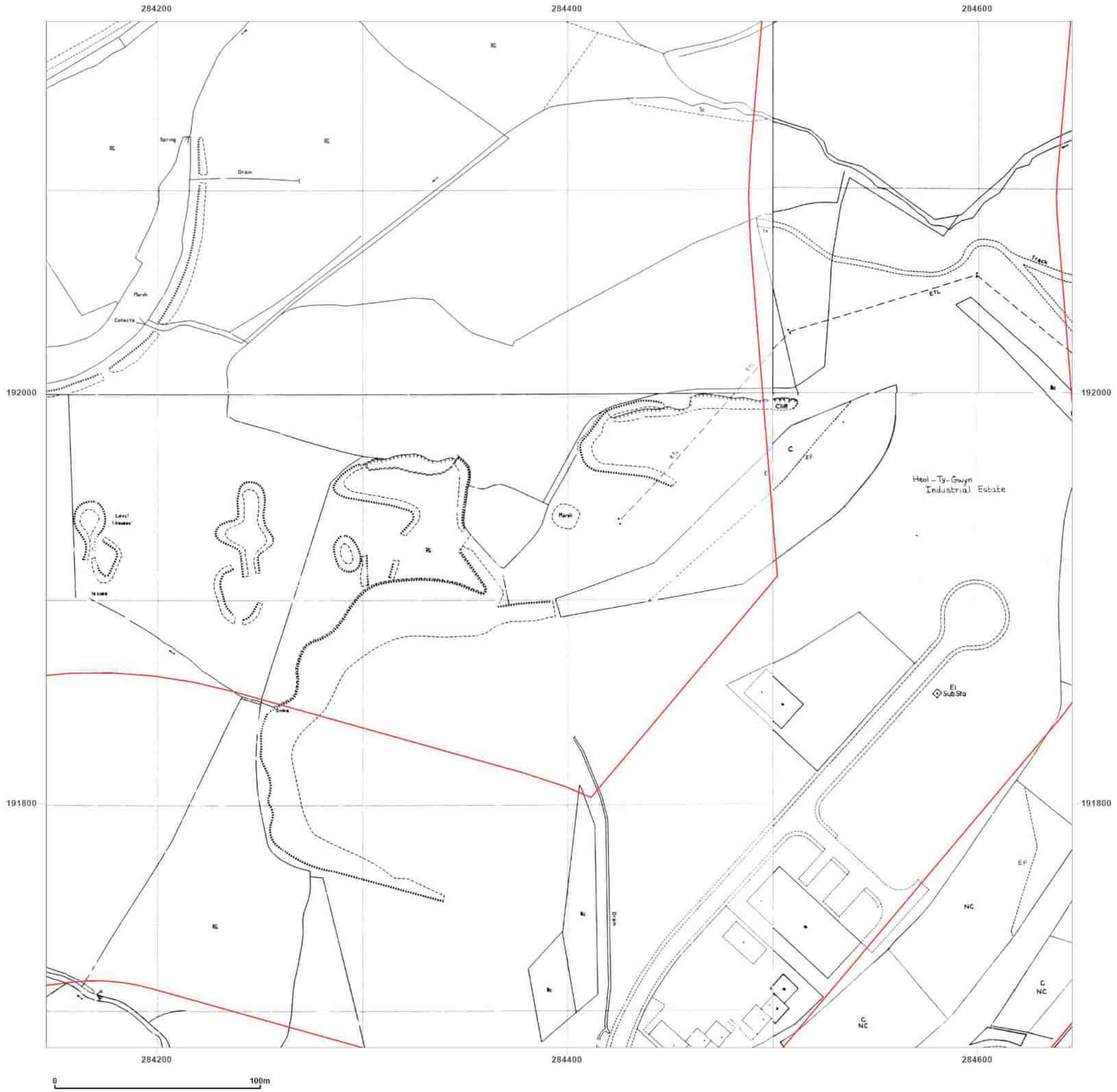
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_2_10
Grid Ref: 284396, 191931

Map Name: National Grid

Map date: **1991-1993**

Scale: 1:1,250

Printed at: 1:2,000

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Revised N/A
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Copyright 1993
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Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed 1963
Revised 1991
Edition N/A
Copyright 1991
Levelled 1963

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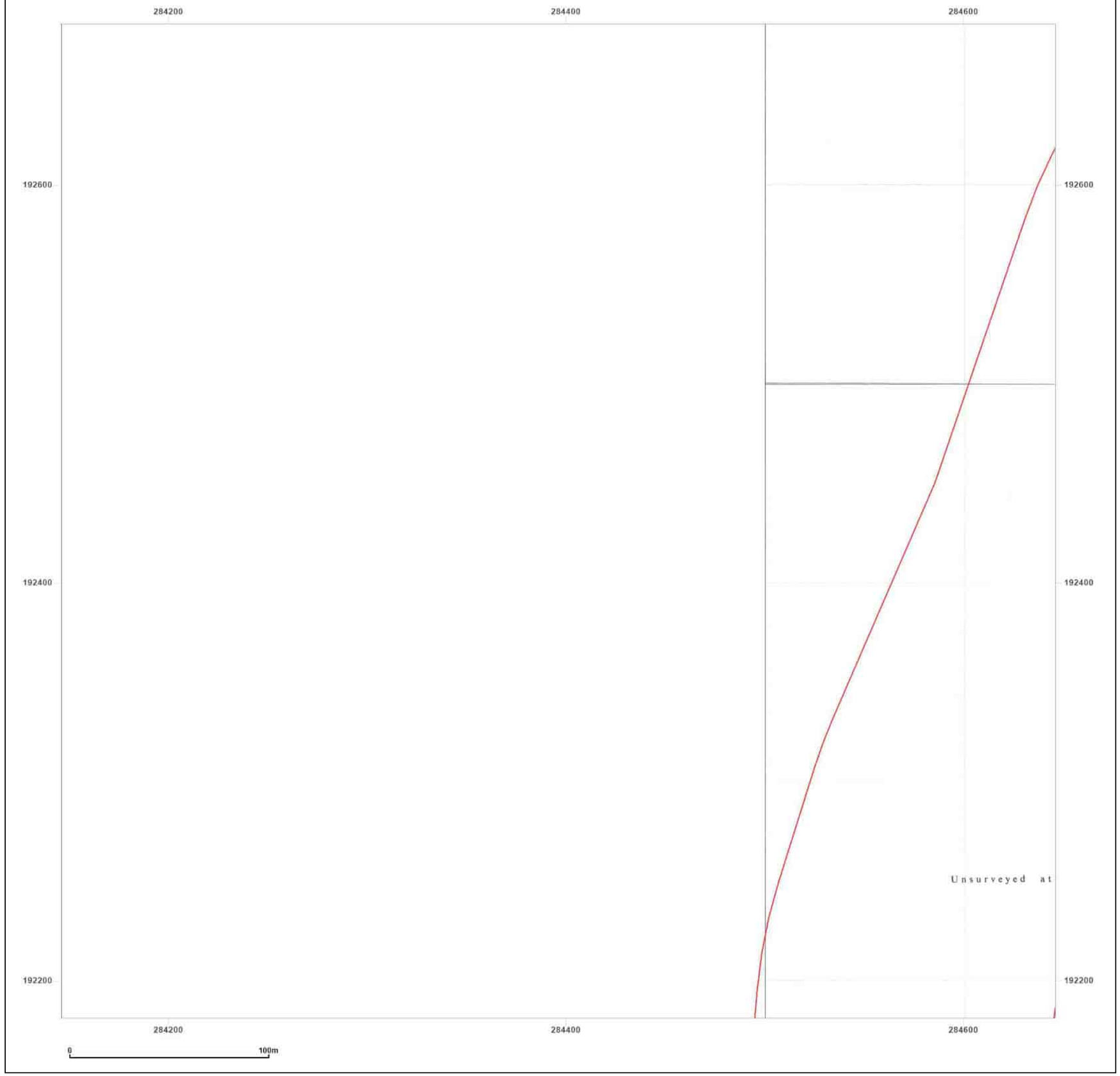
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_2_11
Grid Ref: 284396, 192431

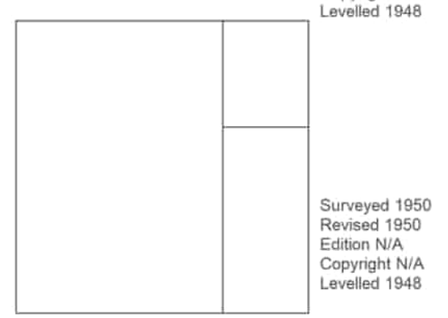
Map Name: National Grid

Map date: **1950**

Scale: 1:1,250

Printed at: 1:2,000

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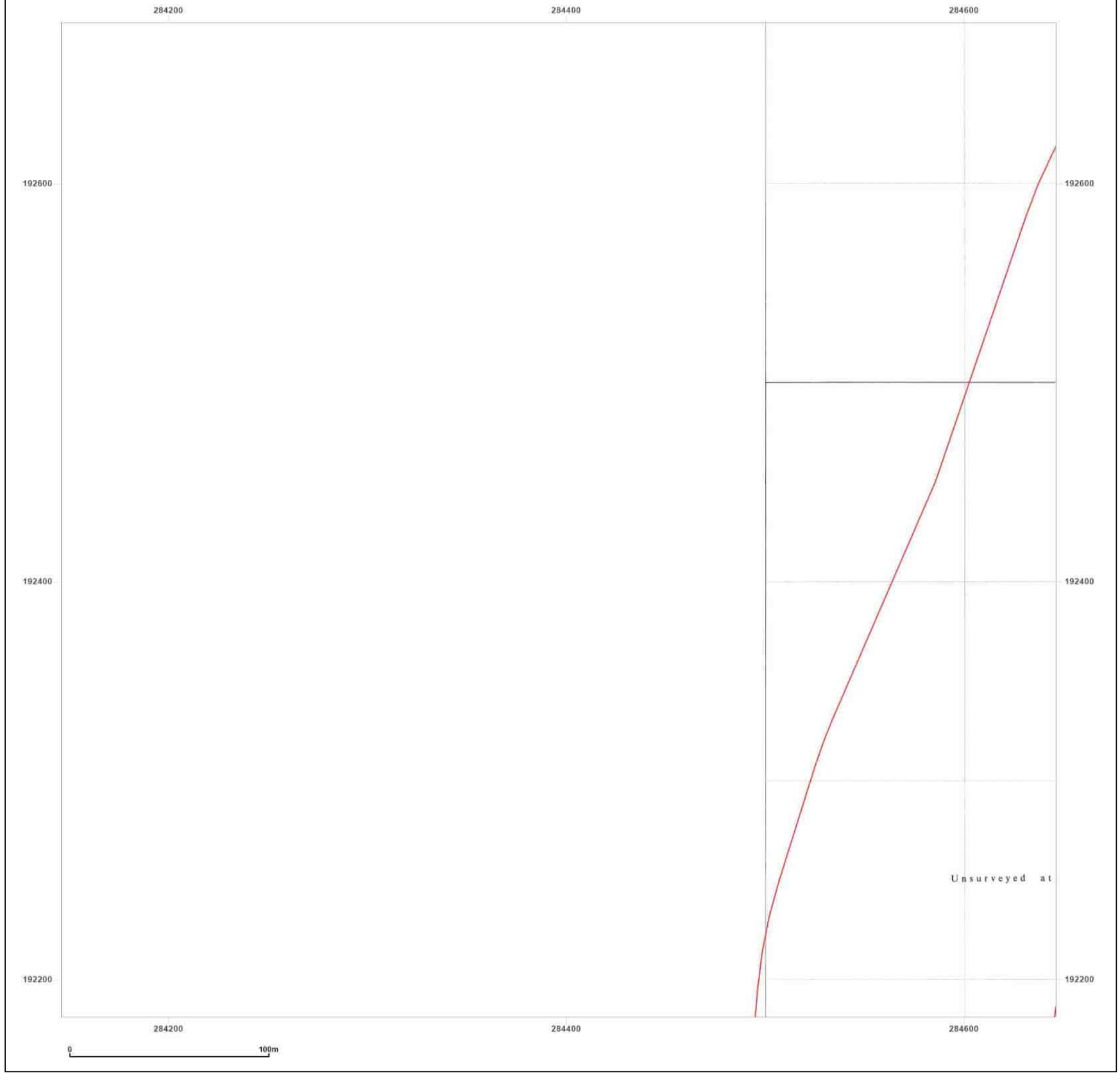
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_2_11
Grid Ref: 284396, 192431

Map Name: National Grid

Map date: **1967-1972**

Scale: 1:1,250

Printed at: 1:2,000

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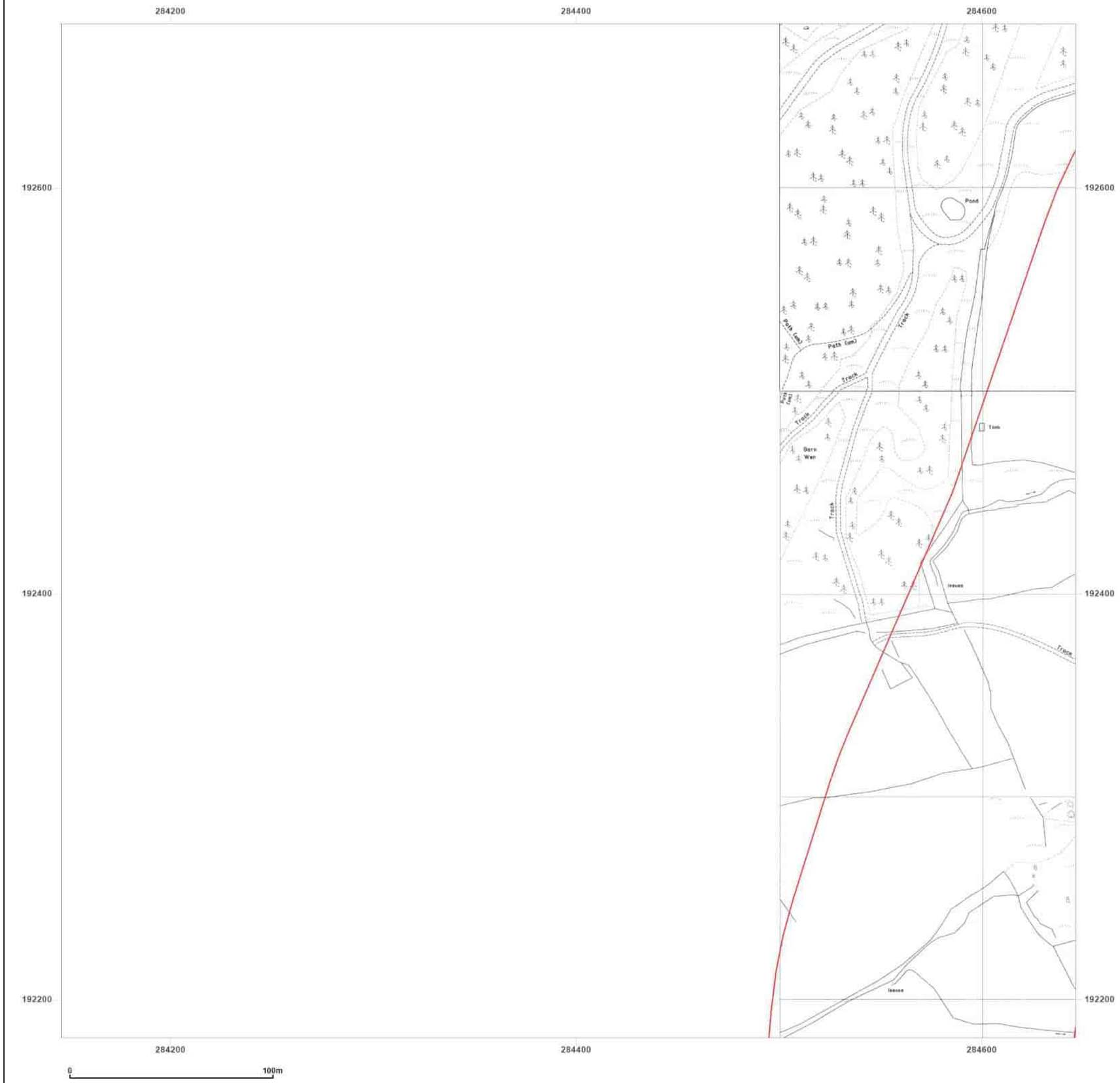
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_2_11
Grid Ref: 284396, 192431

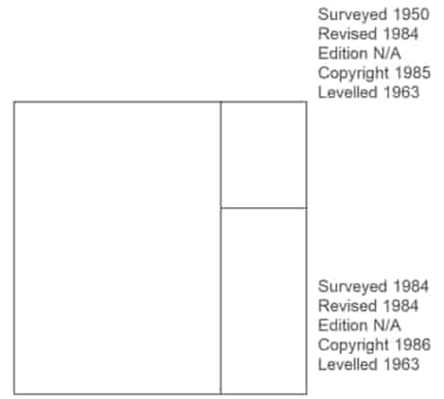
Map Name: National Grid

Map date: **1985-1986**

Scale: 1:1,250

Printed at: 1:2,000

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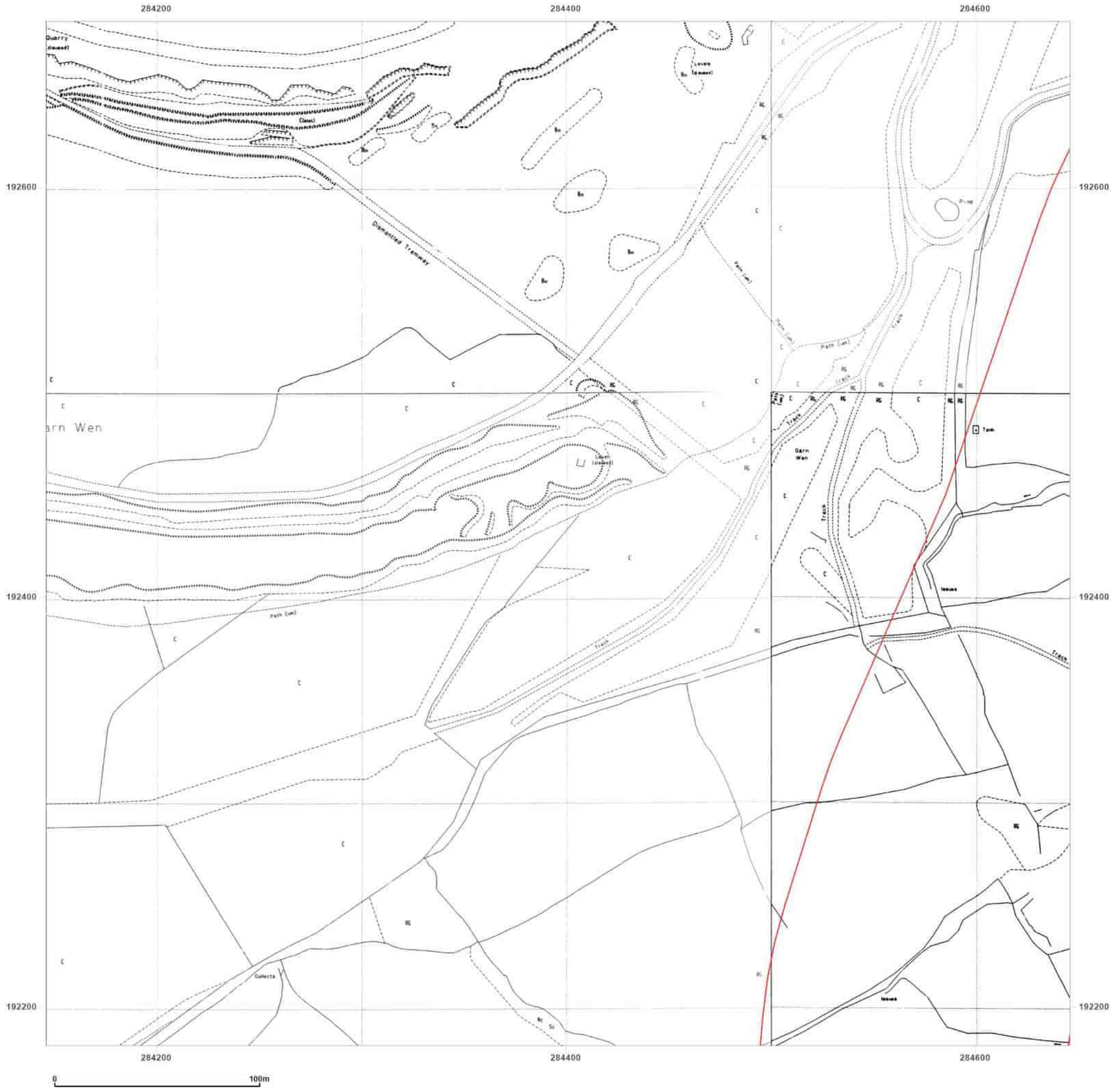
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_2_11
Grid Ref: 284396, 192431

Map Name: National Grid

Map date: **1993**

Scale: 1:1,250

Printed at: 1:2,000

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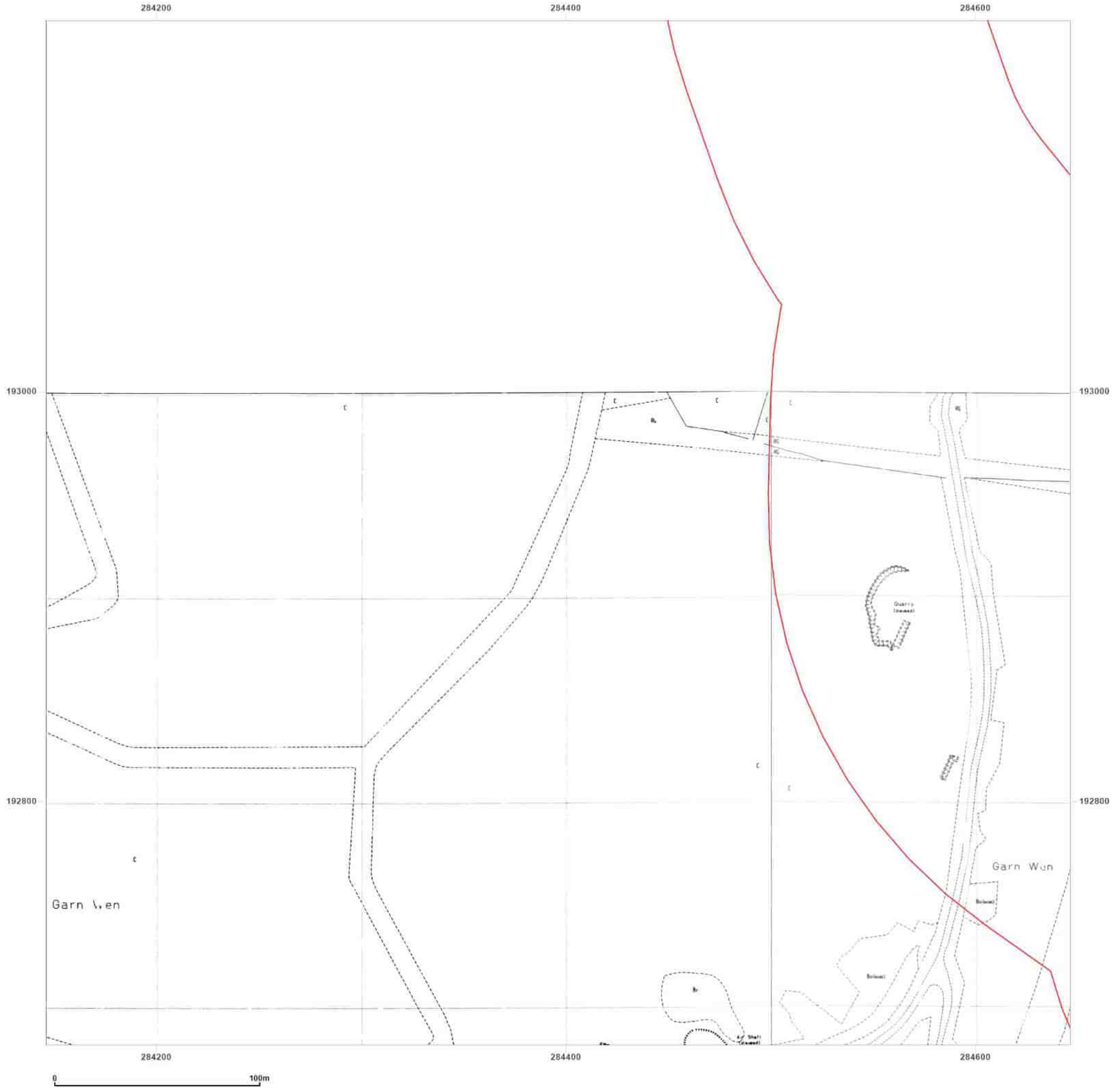
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_2_12
Grid Ref: 284396, 192931

Map Name: National Grid

Map date: **1993**

Scale: 1:1,250

Printed at: 1:2,000

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_7
Grid Ref: 284896, 190431

Map Name: National Grid

Map date: **1960-1962**

Scale: 1:1,250

Printed at: 1:2,000

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_7
Grid Ref: 284896, 190431

Map Name: National Grid

Map date: **1988-1993**

Scale: 1:1,250

Printed at: 1:2,000

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_8
Grid Ref: 284896, 190931

Map Name: National Grid

Map date: **1960-1962**

Scale: 1:1,250

Printed at: 1:2,000

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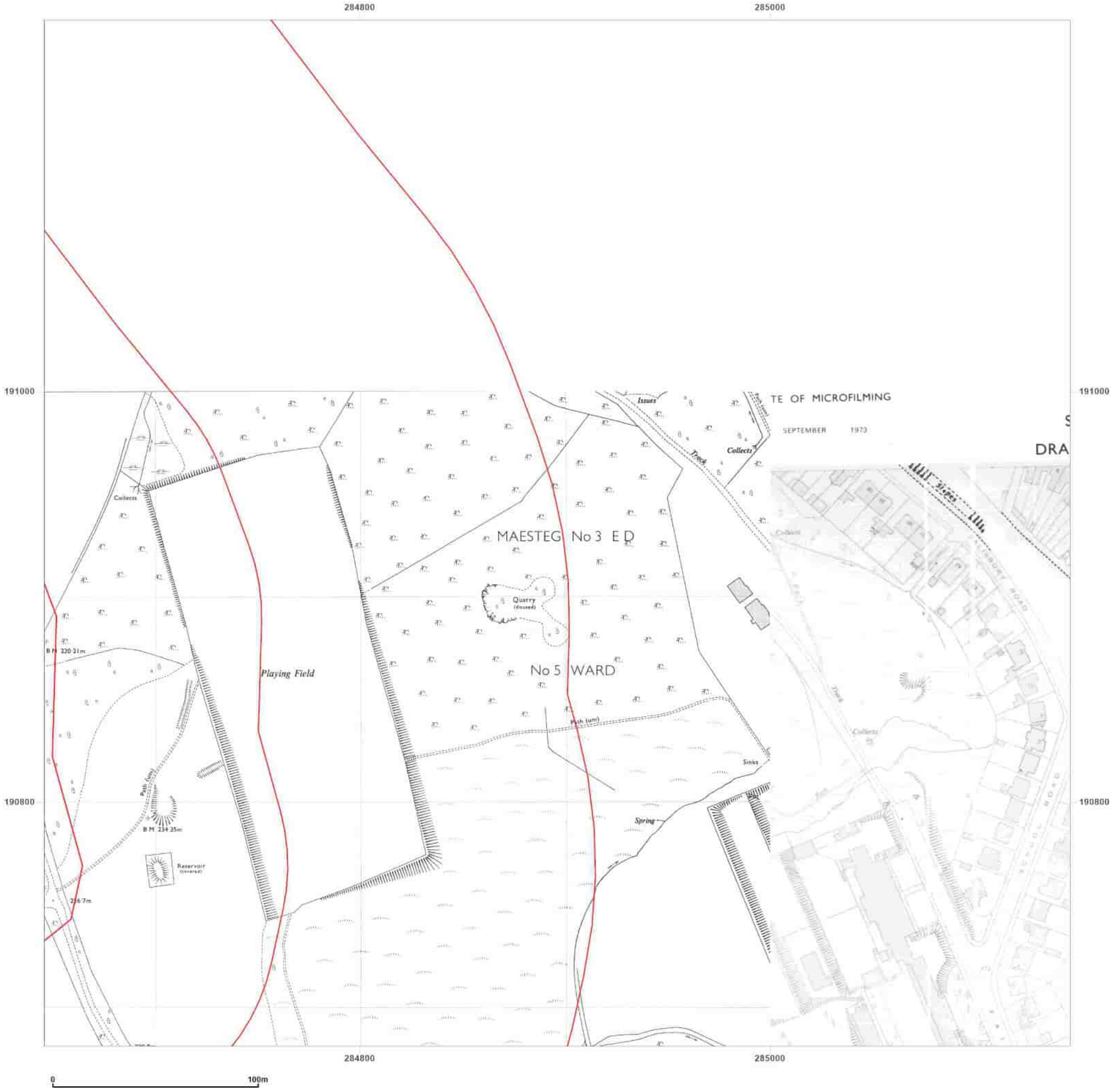
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wsp

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_8
Grid Ref: 284896, 190931

Map Name: National Grid

Map date: **1973-1975**

Scale: 1:1,250

Printed at: 1:2,000

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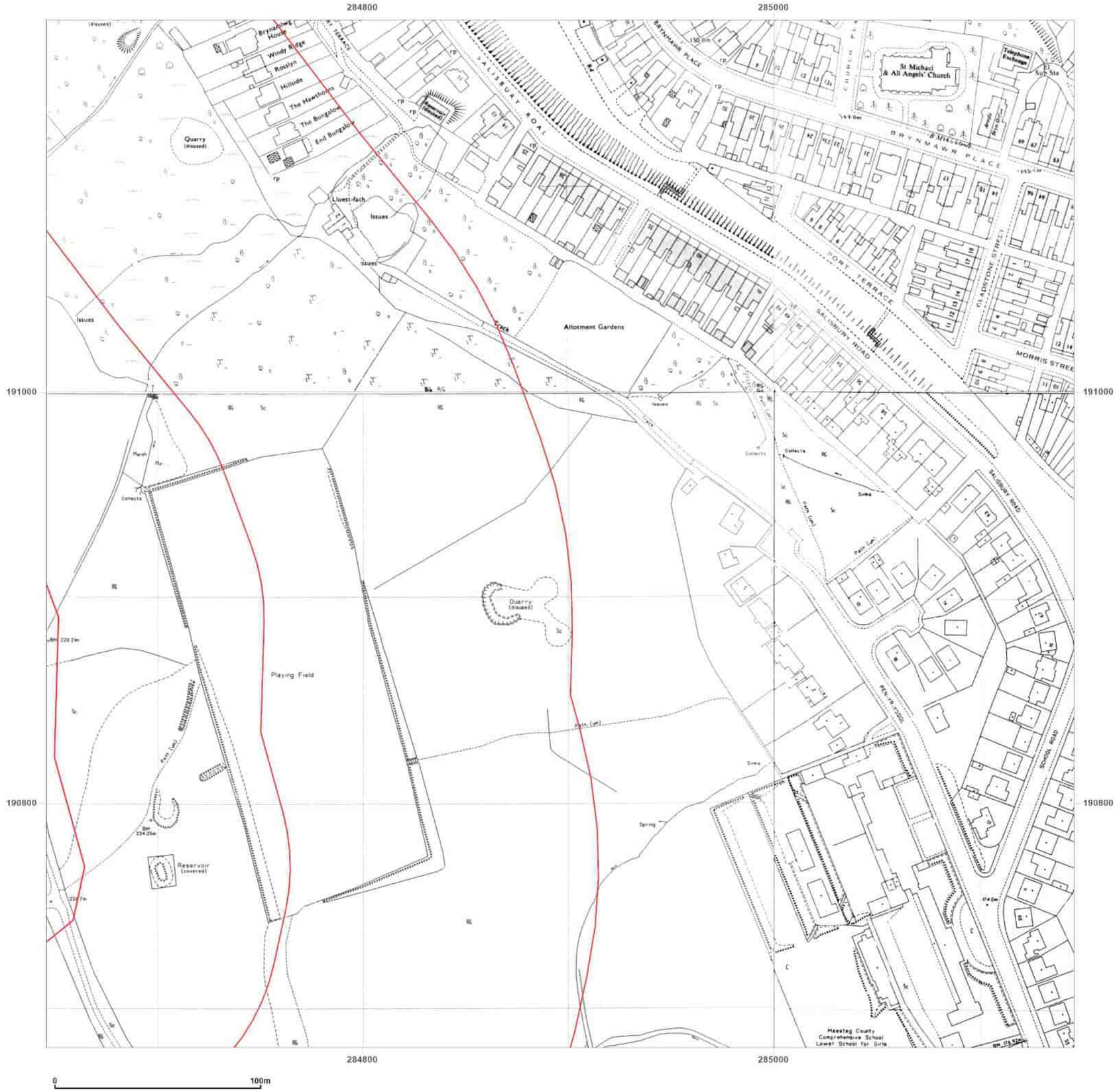
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_8
Grid Ref: 284896, 190931

Map Name: National Grid

Map date: **1988-1993**

Scale: 1:1,250

Printed at: 1:2,000

N
W E
S

Surveyed 1963 Revised 1989 Edition N/A Copyright 1989 Levelled 1963	Surveyed 1963 Revised 1988 Edition N/A Copyright 1988 Levelled 1963
Surveyed 1993 Revised N/A Edition N/A Copyright 1993 Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A

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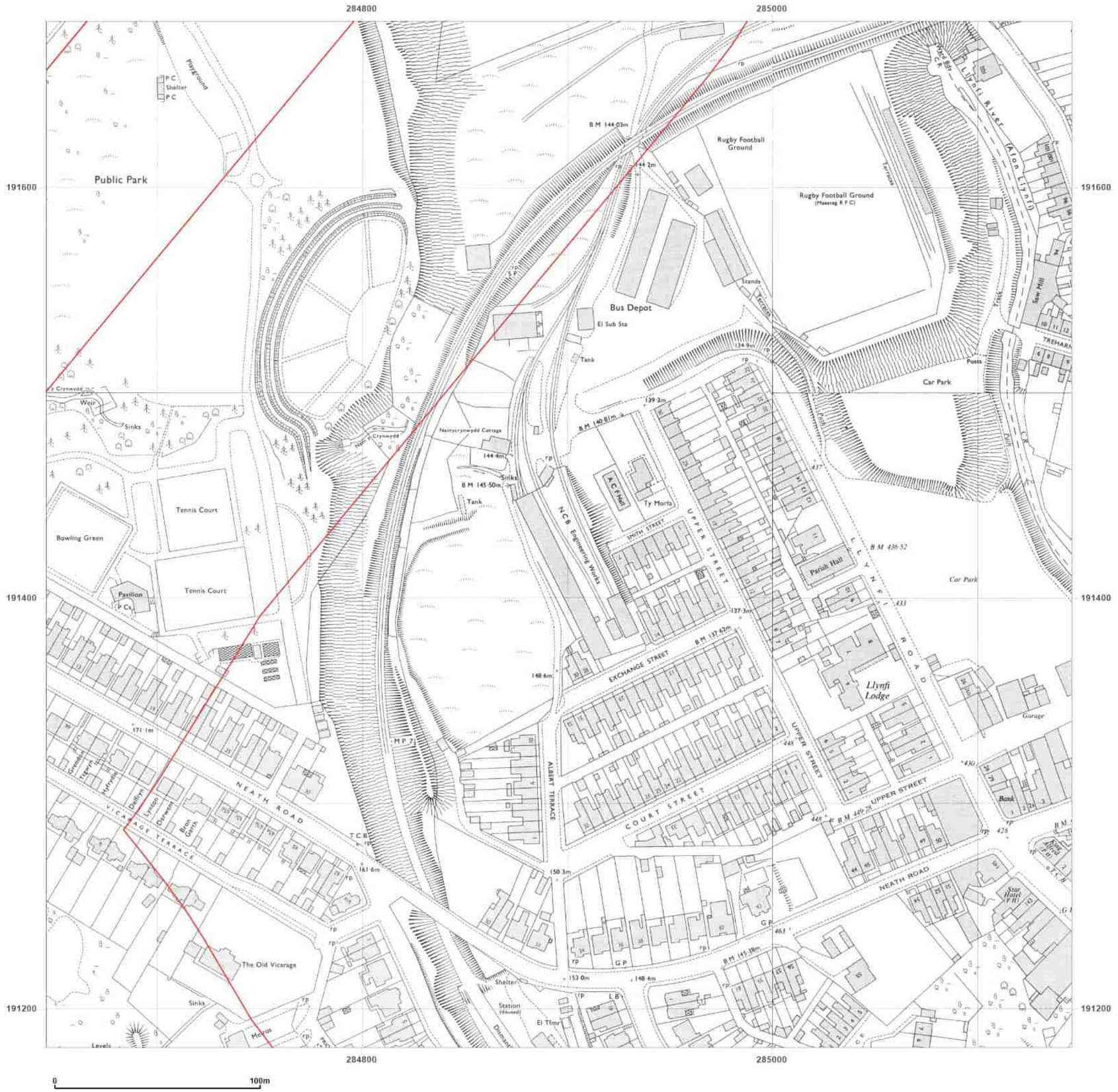
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Production date: 04 March 2025

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_9
Grid Ref: 284896, 191431

Map Name: National Grid

Map date: **1968-1972**

Scale: 1:1,250

Printed at: 1:2,000

N
W E
S

Surveyed 1970 Revised 1970 Edition N/A Copyright 1971 Levelled 1963	Surveyed 1950 Revised 1972 Edition N/A Copyright 1972 Levelled 1963
Surveyed 1969 Revised 1969 Edition N/A Copyright 1970 Levelled 1963	Surveyed 1967 Revised 1967 Edition N/A Copyright 1968 Levelled 1963

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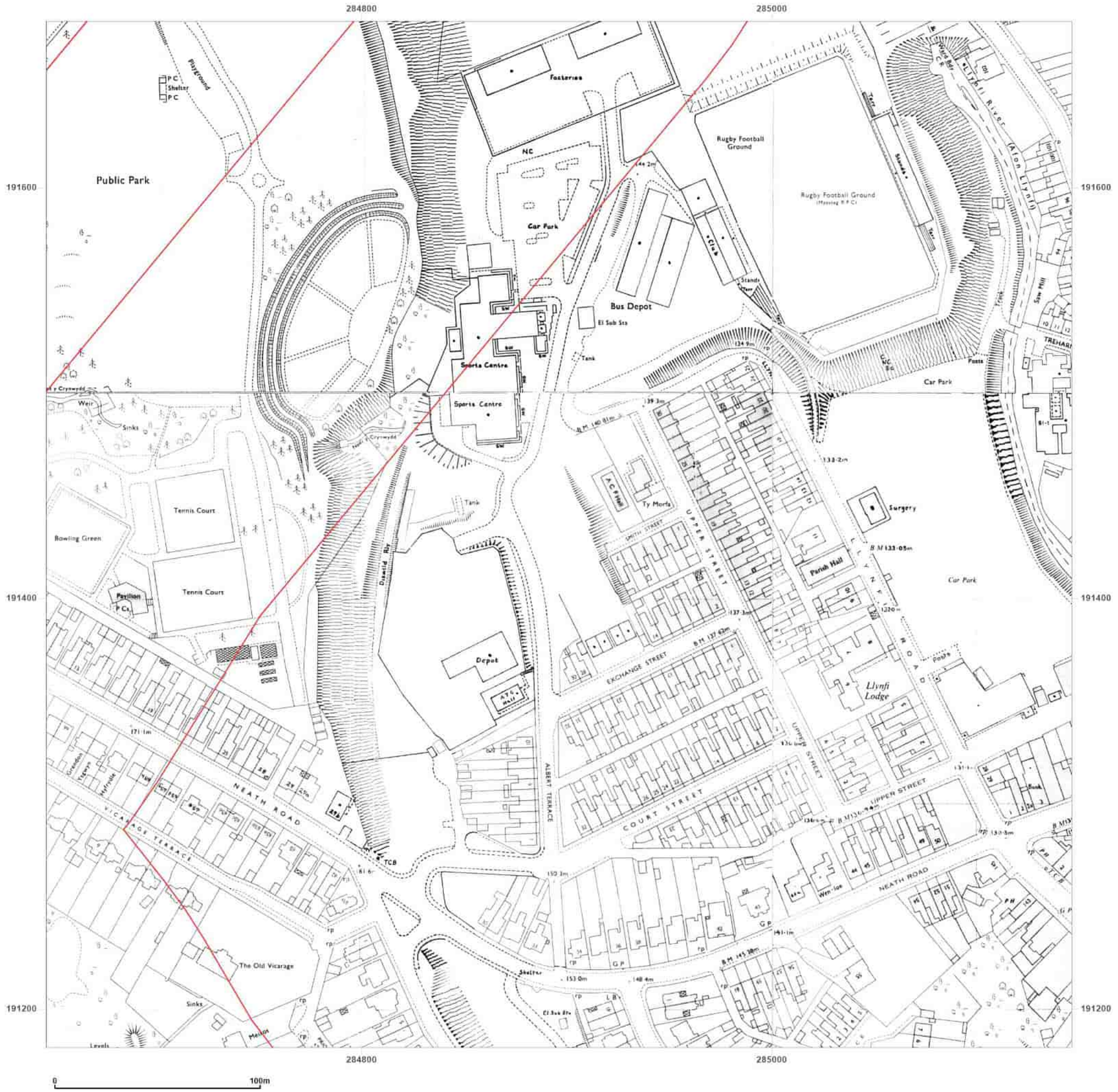
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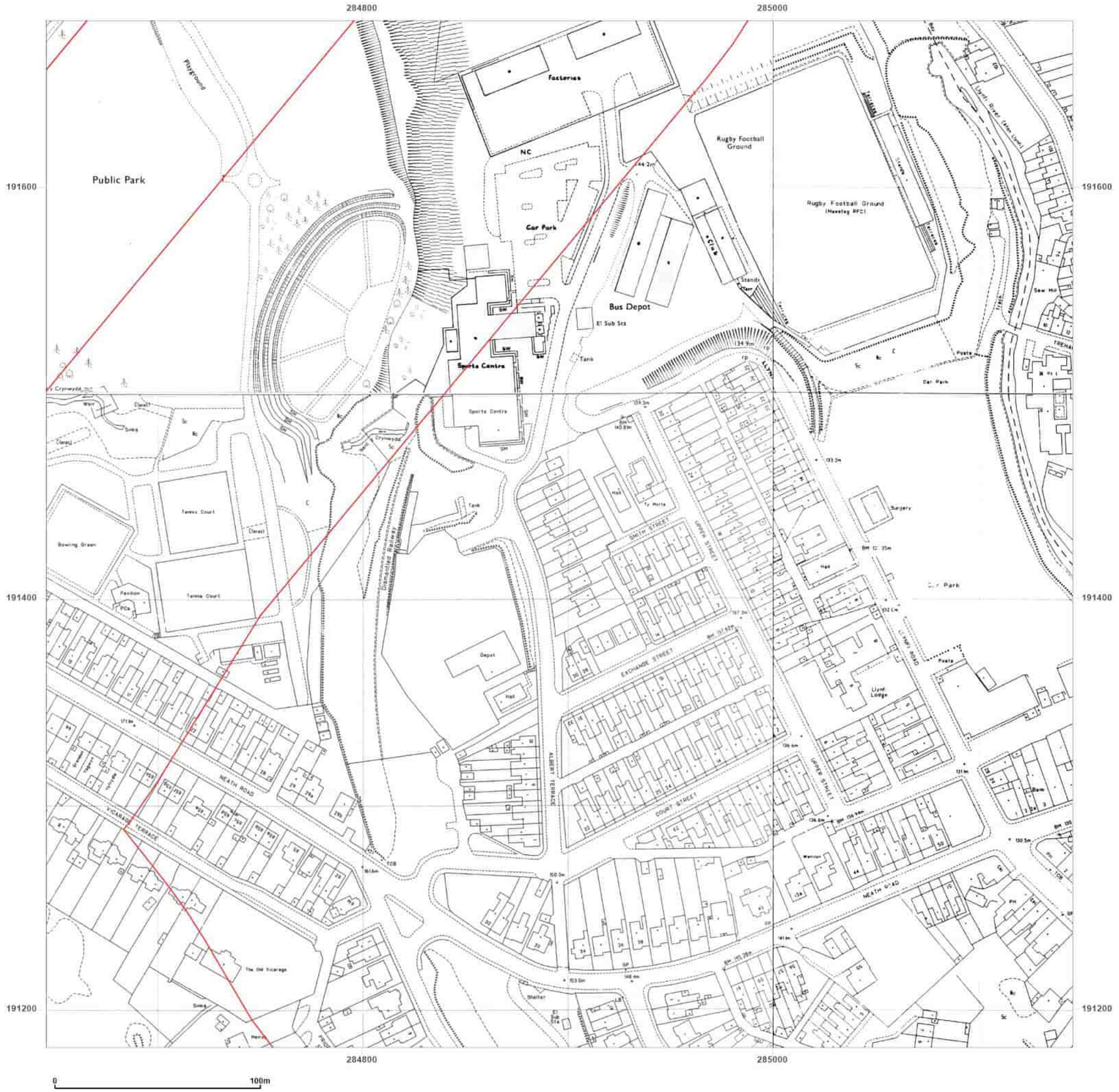
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284800
285000
191600
191400
191200
Public Park
Playground
P C
Shelter
P C
Fosterians
NC
Car Park
Rugby Football Ground
Rugby Football Ground
Stands
Stands
Bus Depot
El Sub Sta
Tank
Sports Centre
Sports Centre
Weir
Sinks
Tennis Court
Tennis Court
Bowling Green
Pavilion
P Cs
Tank
Depot
S.S.L. Hall
Ty Morfa
Surgery
Parish Hall
Car Park
Llynfi Lodge
Pond
Pond
Stone
Post
Post
Telephone
Sluice
Sluice
Sluice



Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_9
Grid Ref: 284896, 191431

Map Name: National Grid

Map date: **1991-1993**

Scale: 1:1,250

Printed at: 1:2,000

N
W E
S

Surveyed 1963 Revised 1991 Edition N/A Copyright 1991 Levelled 1963	Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A
Surveyed 1993 Revised N/A Edition N/A Copyright 1993 Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_10
Grid Ref: 284896, 191931

Map Name: National Grid

Map date: **1967-1972**

Scale: 1:1,250

Printed at: 1:2,000

N
W E
S

Surveyed 1950
Revised 1967
Edition N/A
Copyright 1967
Levelled 1963

Surveyed 1950
Revised 1972
Edition N/A
Copyright 1972
Levelled 1963

Surveyed 1970
Revised 1970
Edition N/A
Copyright 1971
Levelled 1963

Surveyed 1950
Revised 1972
Edition N/A
Copyright 1972
Levelled 1963

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_10
Grid Ref: 284896, 191931

Map Name: National Grid

Map date: **1984-1986**

Scale: 1:1,250

Printed at: 1:2,000

N
W E
S

Surveyed 1984 Revised 1984 Edition N/A Copyright 1986 Levelled 1963	Surveyed N/A Revised N/A Edition N/A Copyright 1984 Levelled 1963
Surveyed 1963 Revised 1984 Edition N/A Copyright 1984 Levelled 1963	Surveyed 1963 Revised 1984 Edition N/A Copyright 1984 Levelled 1963

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_10
Grid Ref: 284896, 191931

Map Name: National Grid

Map date: **1991-1993**

Scale: 1:1,250

Printed at: 1:2,000

N
W E
S

Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A	Surveyed 1993 Revised N/A Edition N/A Copyright 1993 Levelled N/A
Surveyed 1963 Revised 1991 Edition N/A Copyright 1991 Levelled 1963	Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_11
Grid Ref: 284896, 192431

Map Name: National Grid

Map date: **1950**

Scale: 1:1,250

Printed at: 1:2,000

N
W E
S

Surveyed 1950
Revised 1950
Edition N/A
Copyright N/A
Levelled 1948

Surveyed 1950
Revised 1950
Edition N/A
Copyright N/A
Levelled 1948

Surveyed 1950
Revised 1950
Edition N/A
Copyright N/A
Levelled 1948

Surveyed 1950
Revised 1950
Edition N/A
Copyright N/A
Levelled 1948

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_11
Grid Ref: 284896, 192431

Map Name: National Grid

Map date: **1967-1972**

Scale: 1:1,250

Printed at: 1:2,000

N
W E
S

Surveyed 1950 Revised 1972 Edition N/A Copyright 1972 Levelled N/A	Surveyed 1950 Revised 1972 Edition N/A Copyright 1972 Levelled 1964
Surveyed 1950 Revised 1967 Edition N/A Copyright 1967 Levelled 1963	Surveyed 1950 Revised 1972 Edition N/A Copyright 1972 Levelled 1963

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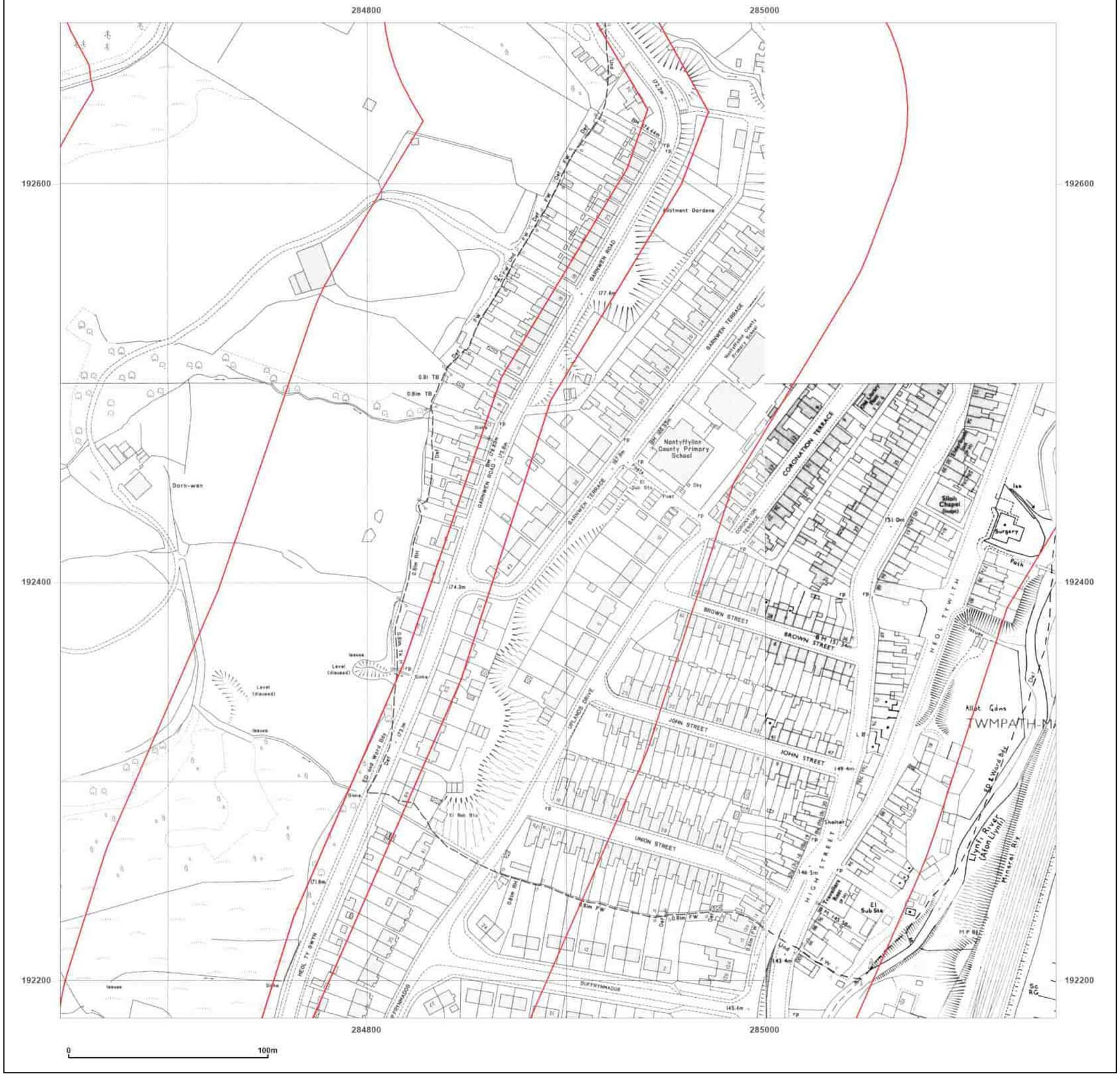
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wsp

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_11
Grid Ref: 284896, 192431

Map Name: National Grid

Map date: **1984-1986**

Scale: 1:1,250

Printed at: 1:2,000

N
W E
S

Surveyed 1950
Revised 1984
Edition N/A
Copyright 1985
Levelled 1963

Surveyed 1984
Revised 1984
Edition N/A
Copyright 1986
Levelled 1963

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1984
Levelled 1963

Groundsure INSIGHTS

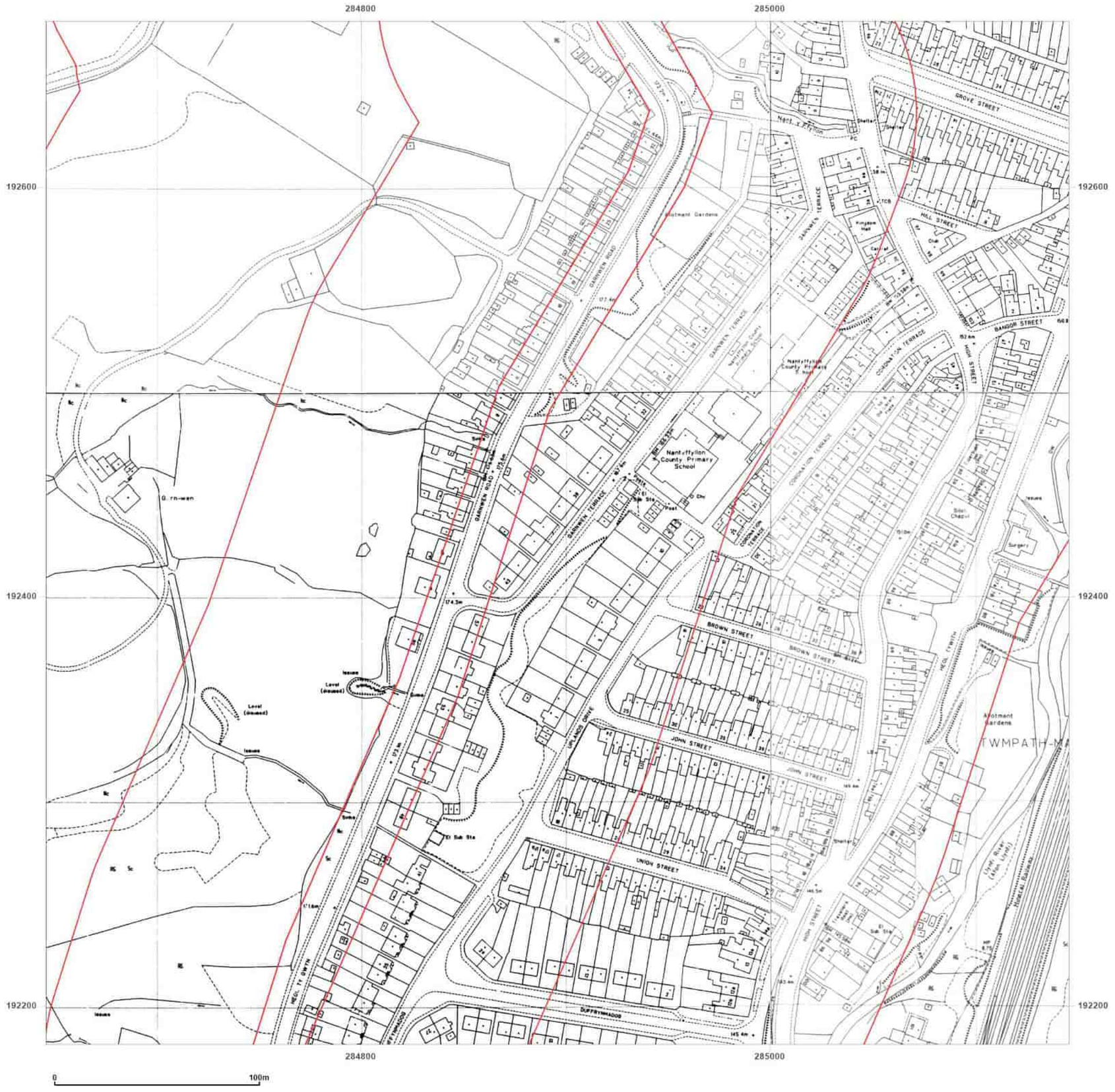
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_11
Grid Ref: 284896, 192431

Map Name: National Grid

Map date: **1993**

Scale: 1:1,250

Printed at: 1:2,000

N
W E
S

Surveyed 1993
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed 1993
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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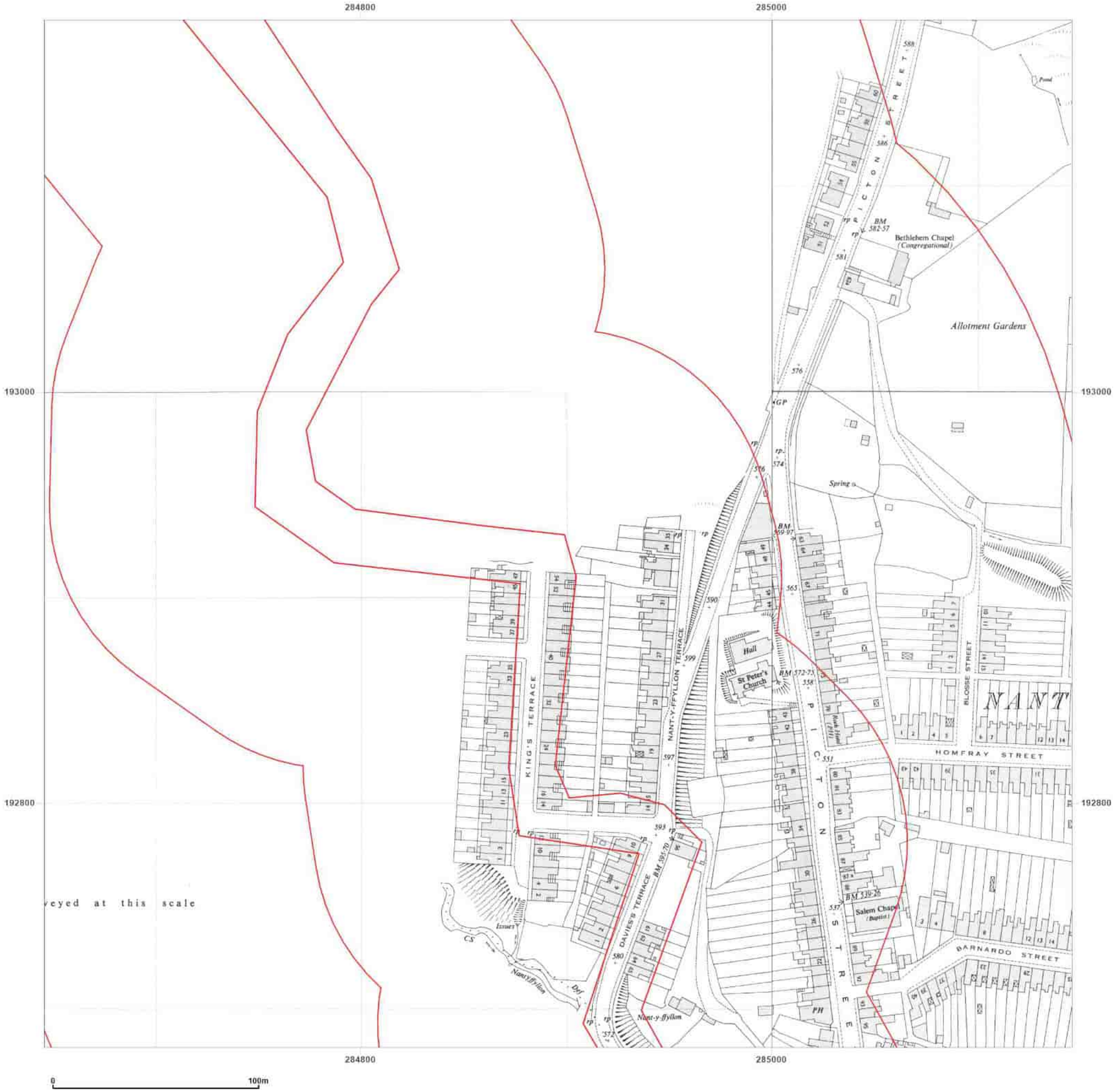
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_1250_3_12
Grid Ref: 284896, 192931

Map Name: National Grid

Map date: **1949-1950**

Scale: 1:1,250

Printed at: 1:2,000

N
W E
S

Surveyed 1949
Revised 1949
Edition N/A
Copyright N/A
Levelled 1948

Surveyed 1950
Revised 1950
Edition N/A
Copyright N/A
Levelled 1948

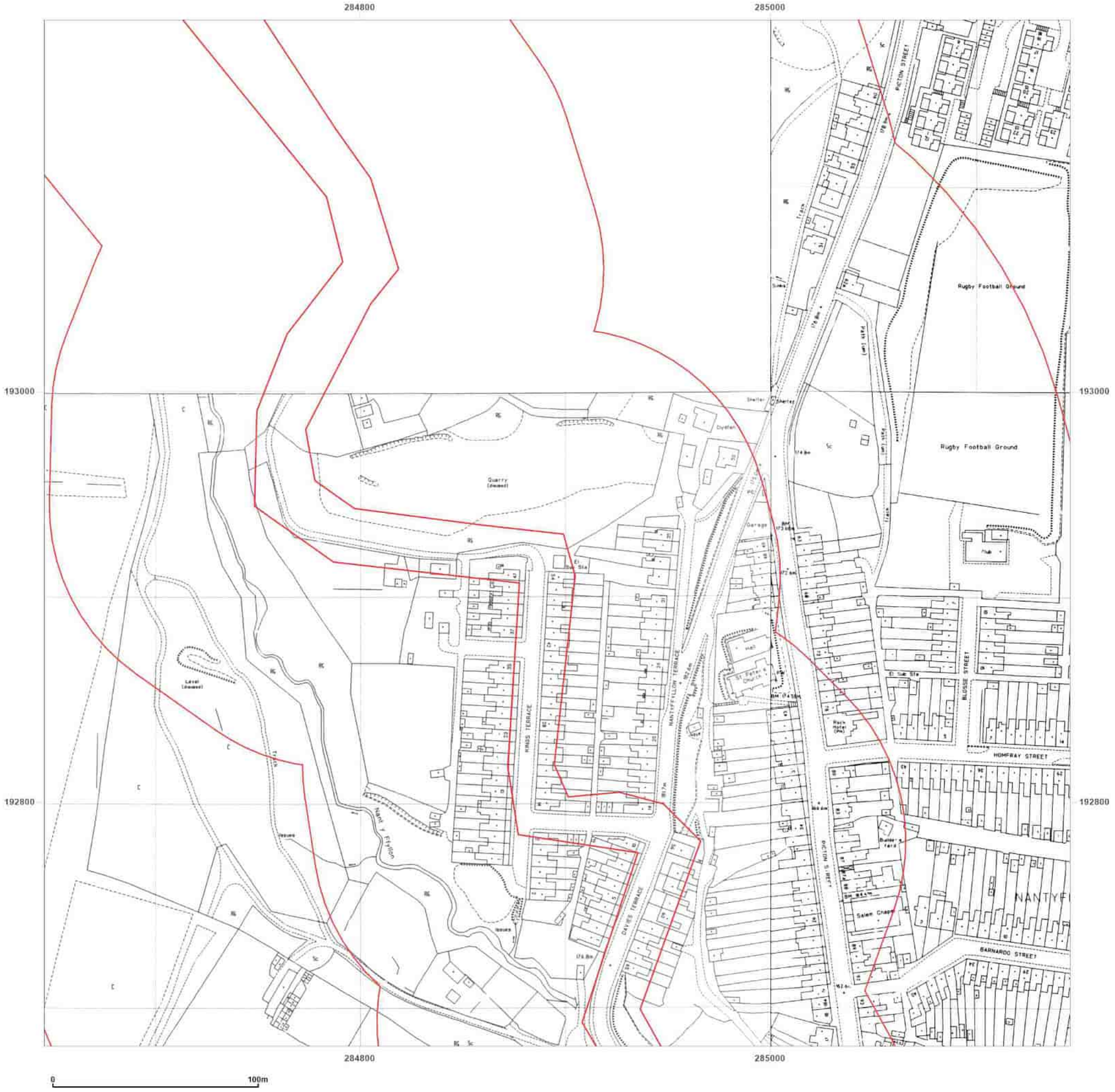
Surveyed 1950
Revised 1950
Edition N/A
Copyright N/A
Levelled 1948

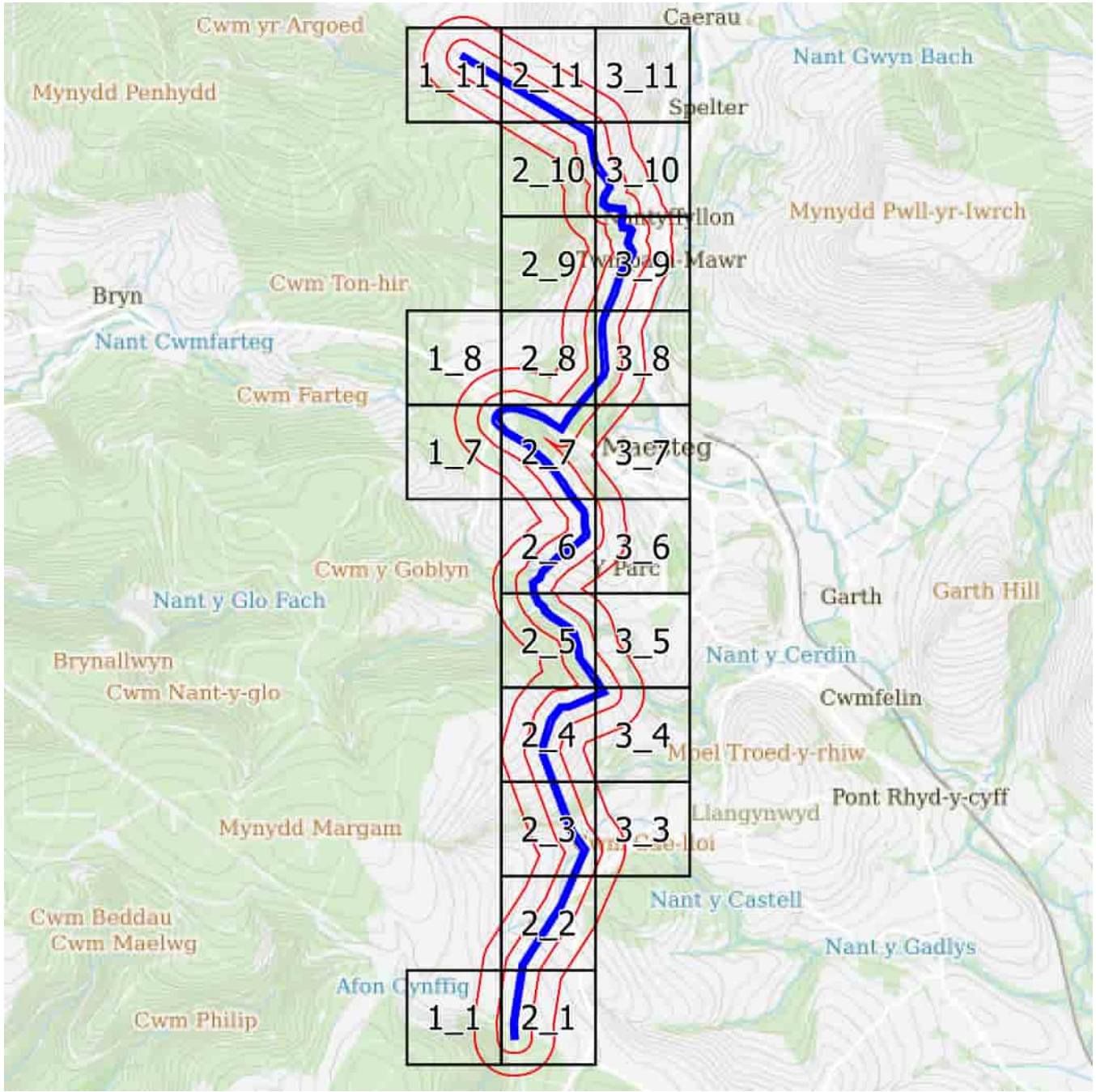
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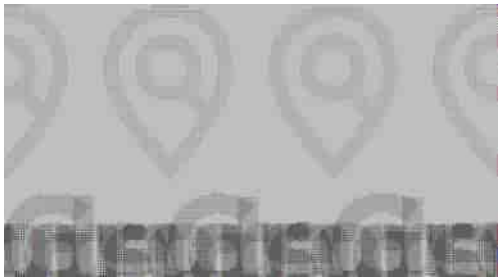
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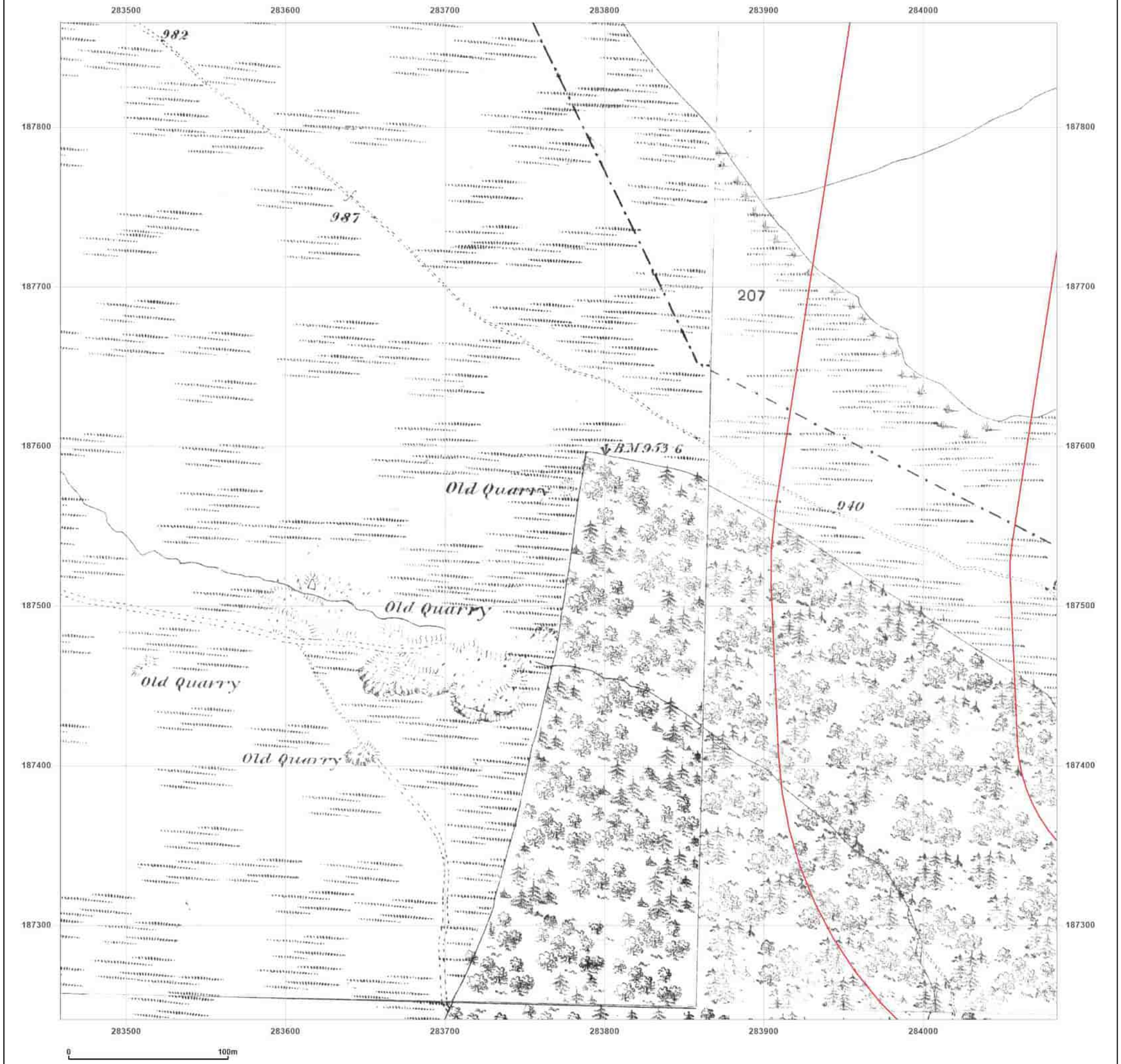

284800
285000
193000
192800
Rugby Football Ground
Rugby Football Ground
Quarry
(Disused)
Level
(Disused)
Shelter
Shelter
Garage
Pub
Slip Sta
Slip Sta
Sc
Sc
Sc





1:2,500 Scale Grid Index





Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_1
Grid Ref: 283771, 187553

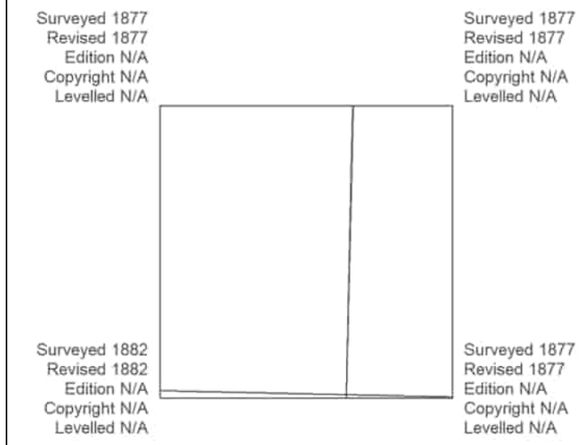
Map Name: County Series

Map date: **1877-1882**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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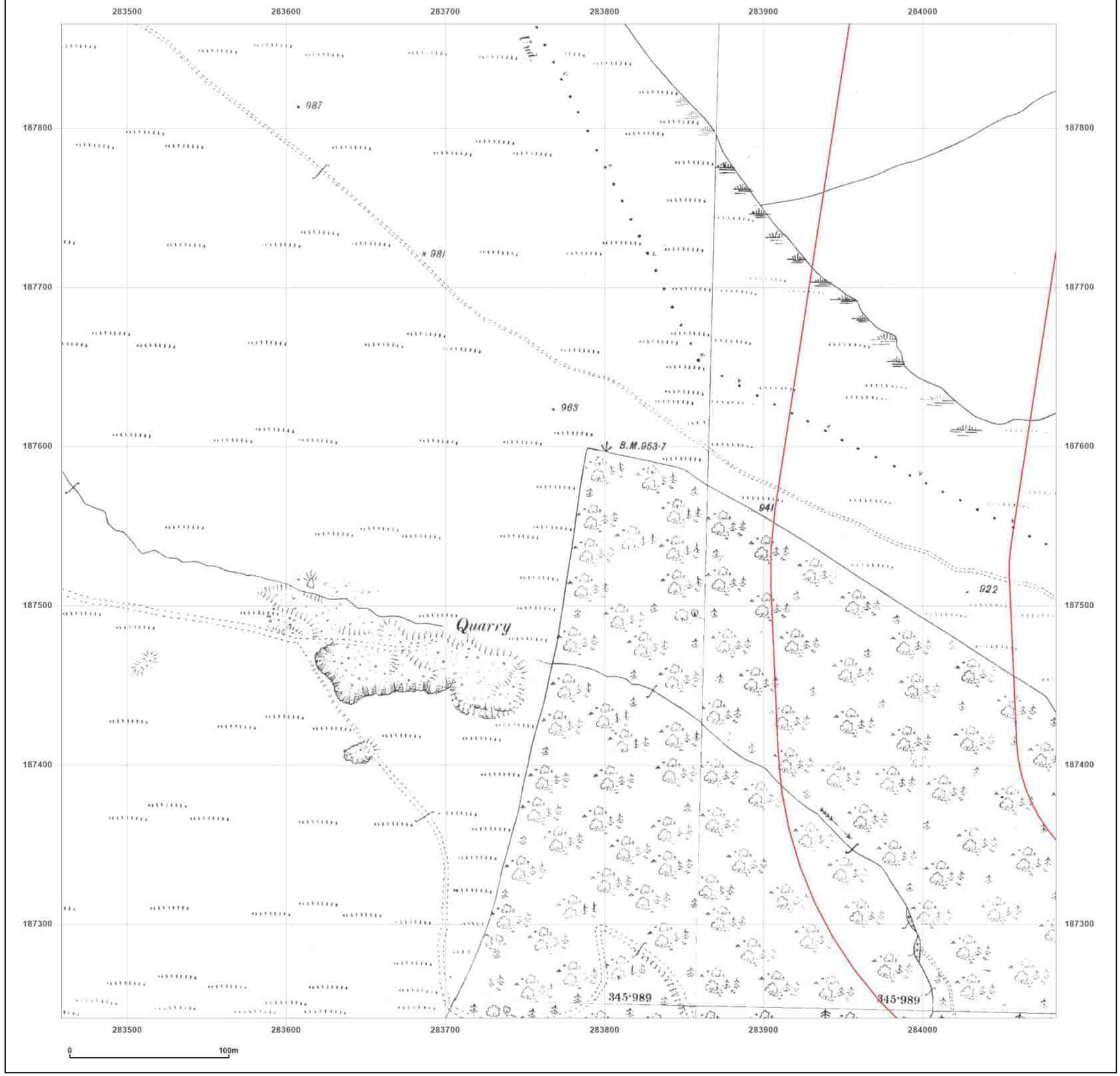
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_1
Grid Ref: 283771, 187553

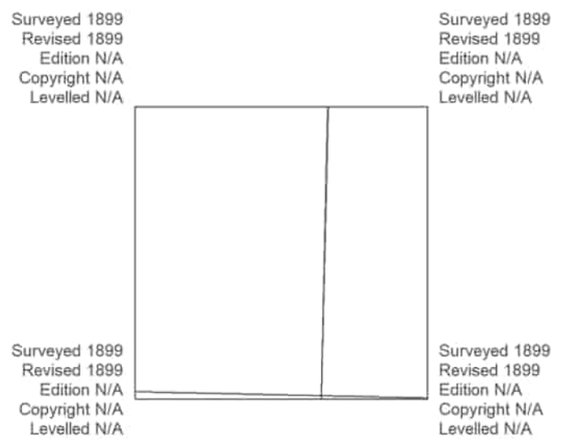
Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

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Groundsure INSIGHTS

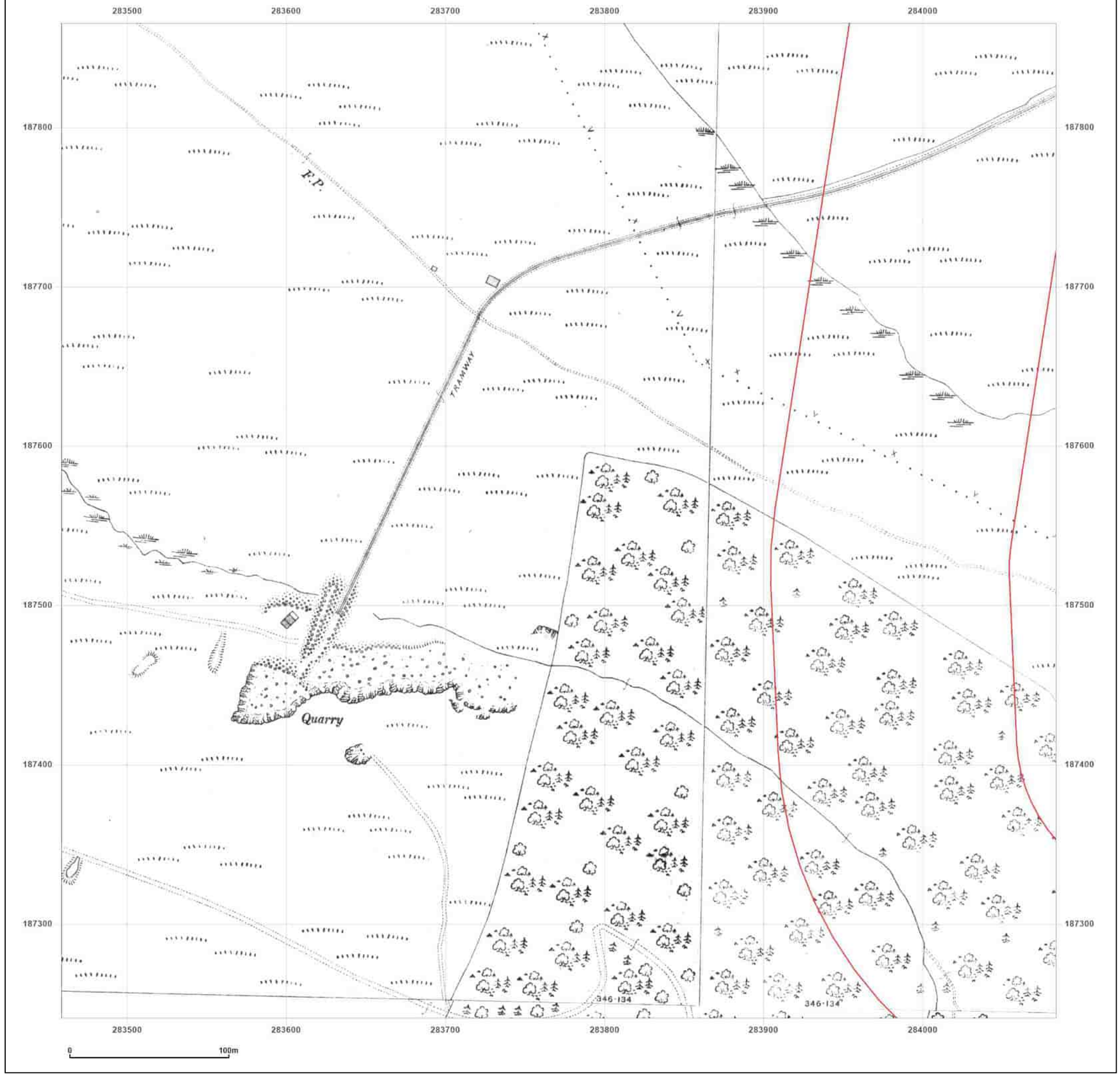
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_1
Grid Ref: 283771, 187553

Map Name: County Series

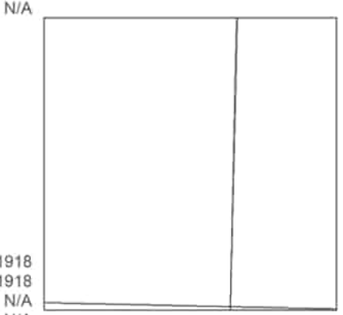
Map date: **1918**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

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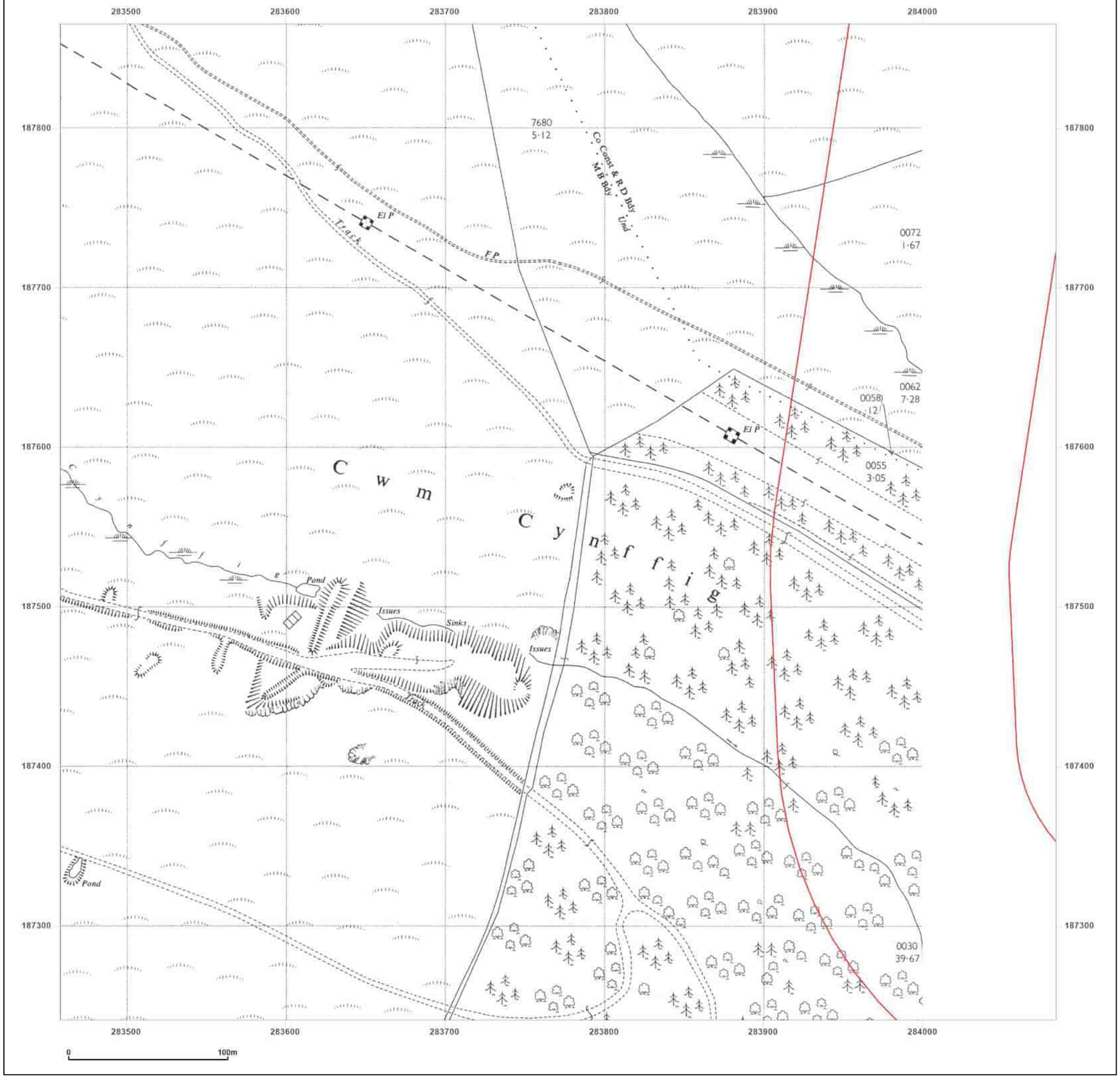
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_1
Grid Ref: 283771, 187553

Map Name: National Grid

Map date: **1964**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1962
Revised 1962
Edition N/A
Copyright 1964
Levelled 1957

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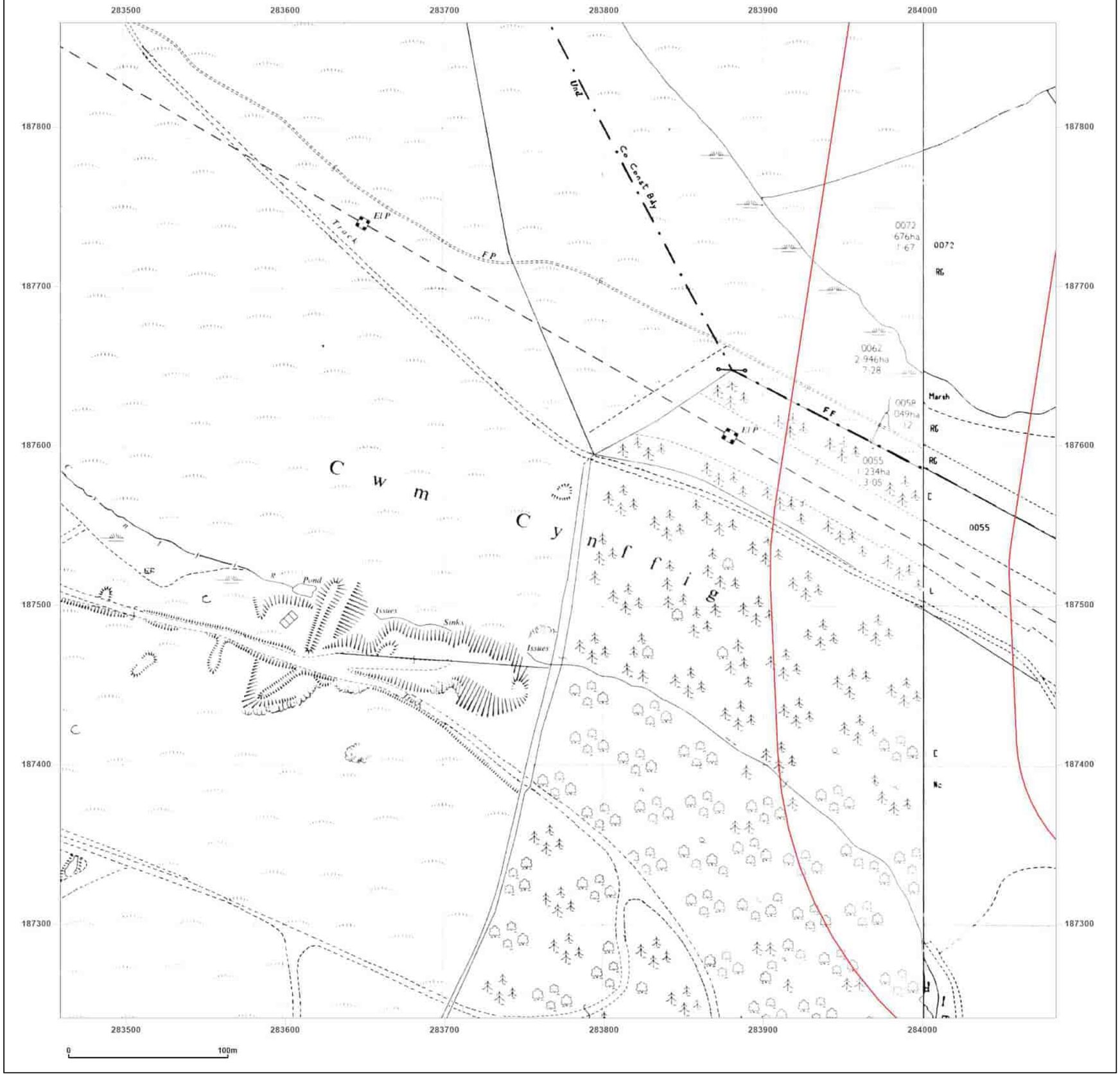
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Site Details:

FTN boundary

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Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_1
Grid Ref: 283771, 187553

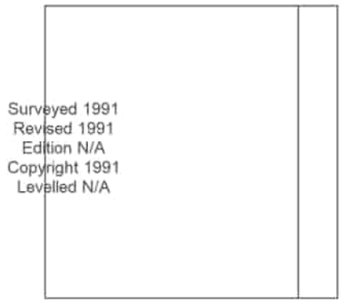
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Map date: **1991-1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



Groundsure INSIGHTS

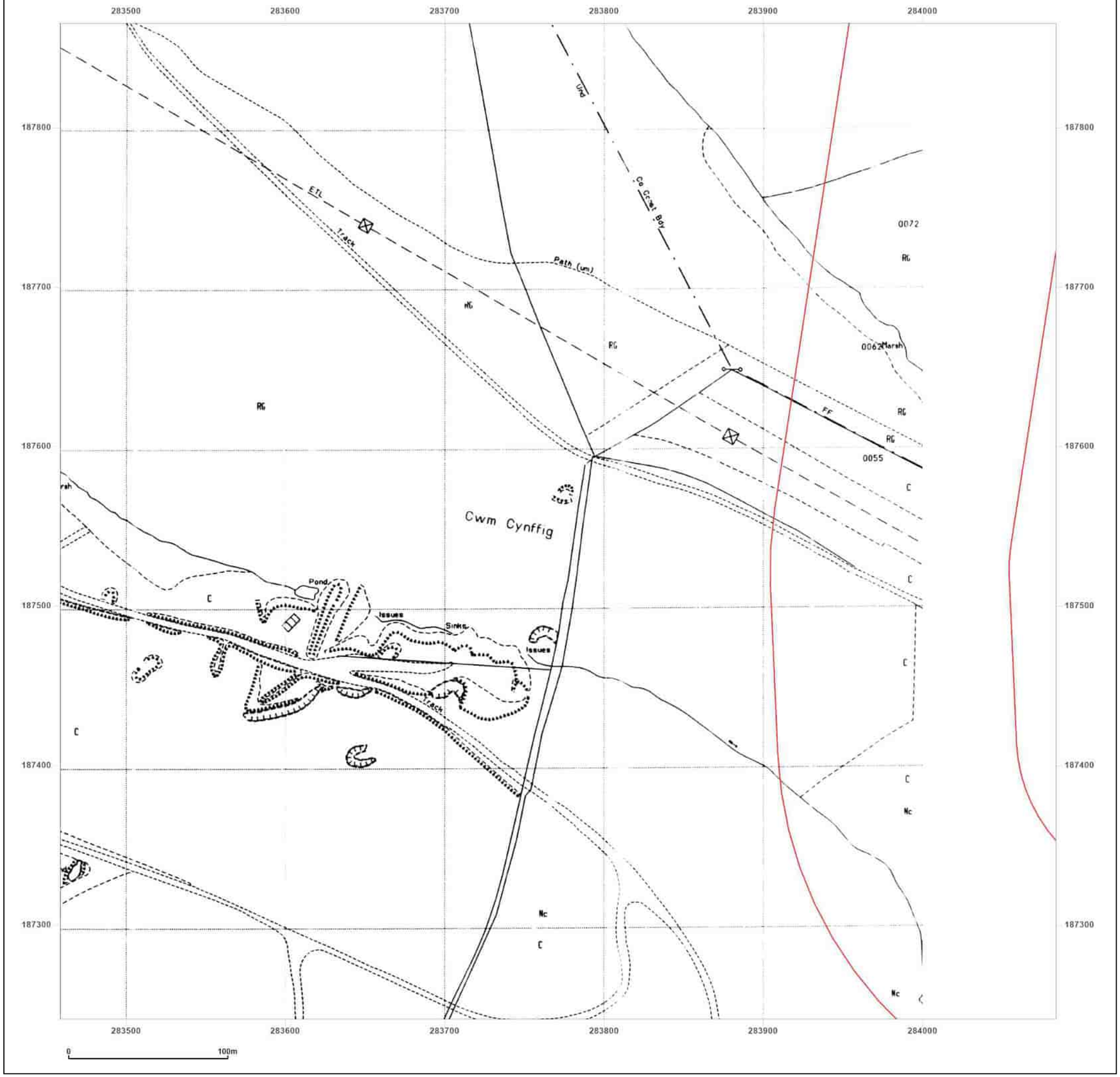
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_1
Grid Ref: 283771, 187553

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Groundsure INSIGHTS

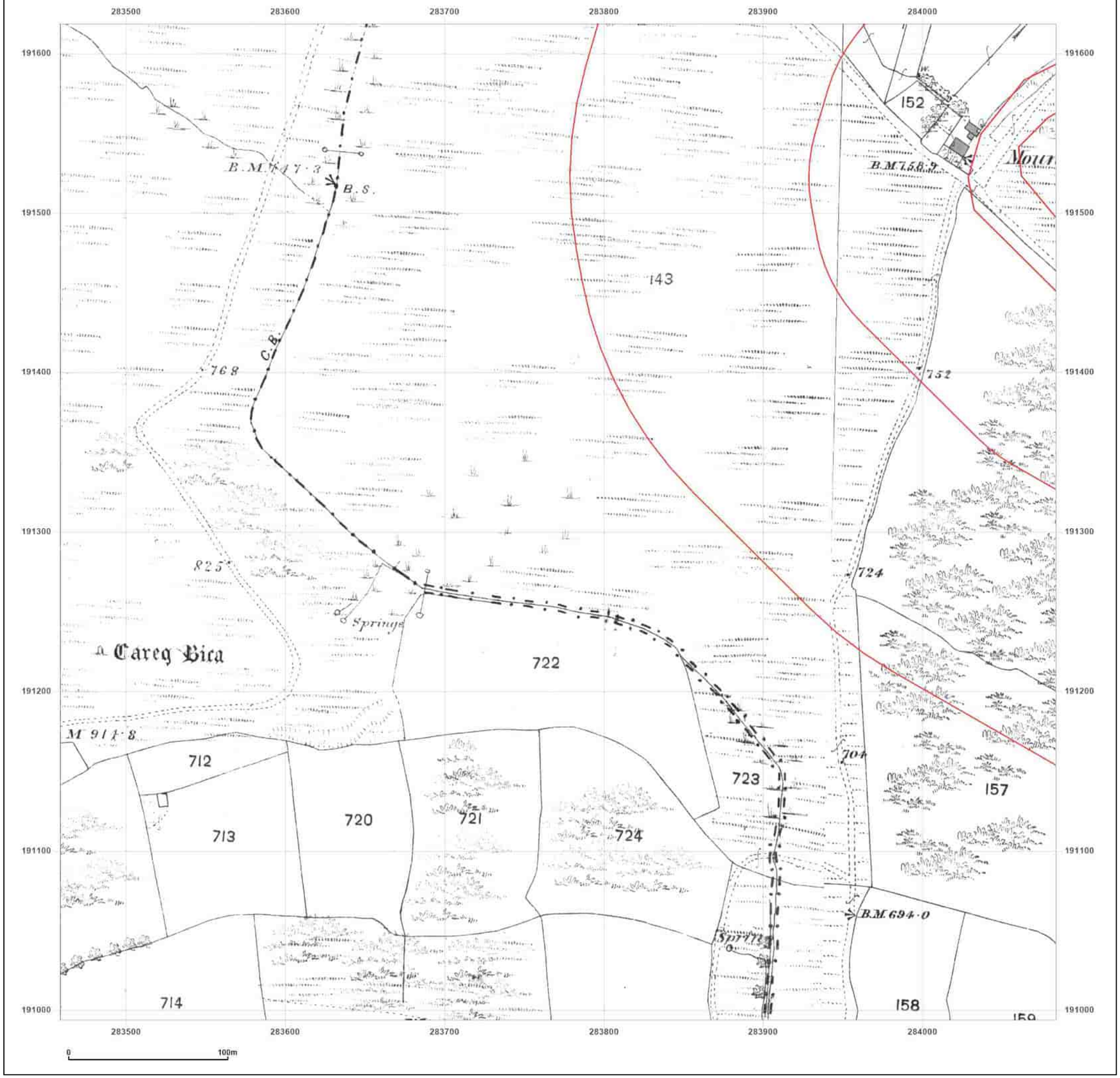
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_7
Grid Ref: 283771, 191306

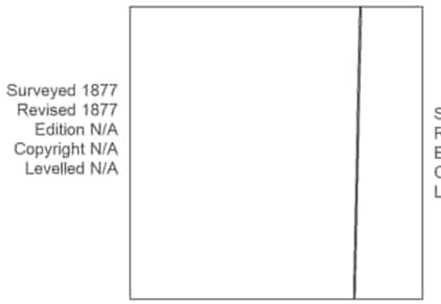
Map Name: County Series

Map date: **1877-1878**

Scale: 1:2,500

Printed at: 1:2,500

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Groundsure INSIGHTS

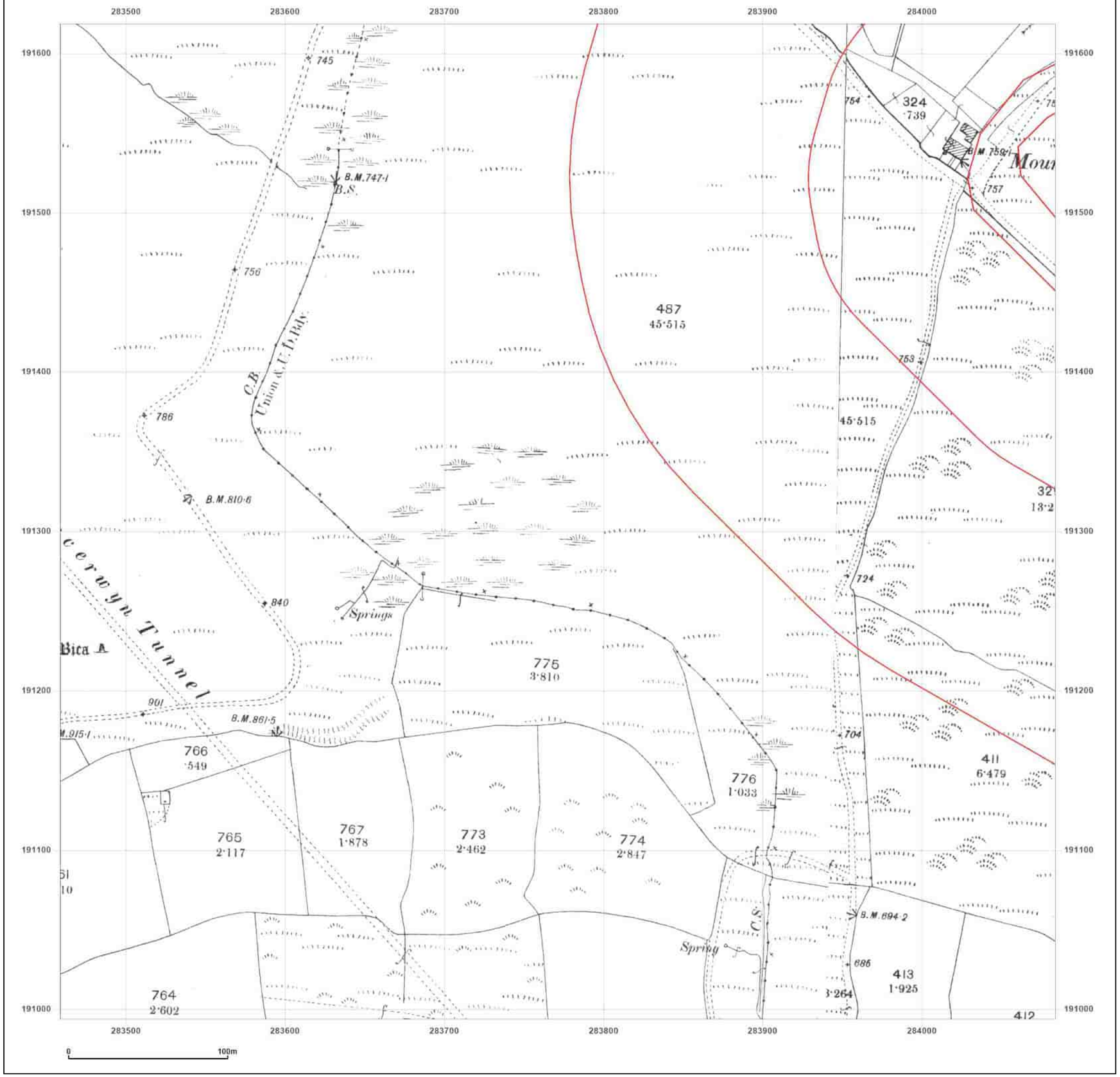
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_7
Grid Ref: 283771, 191306

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

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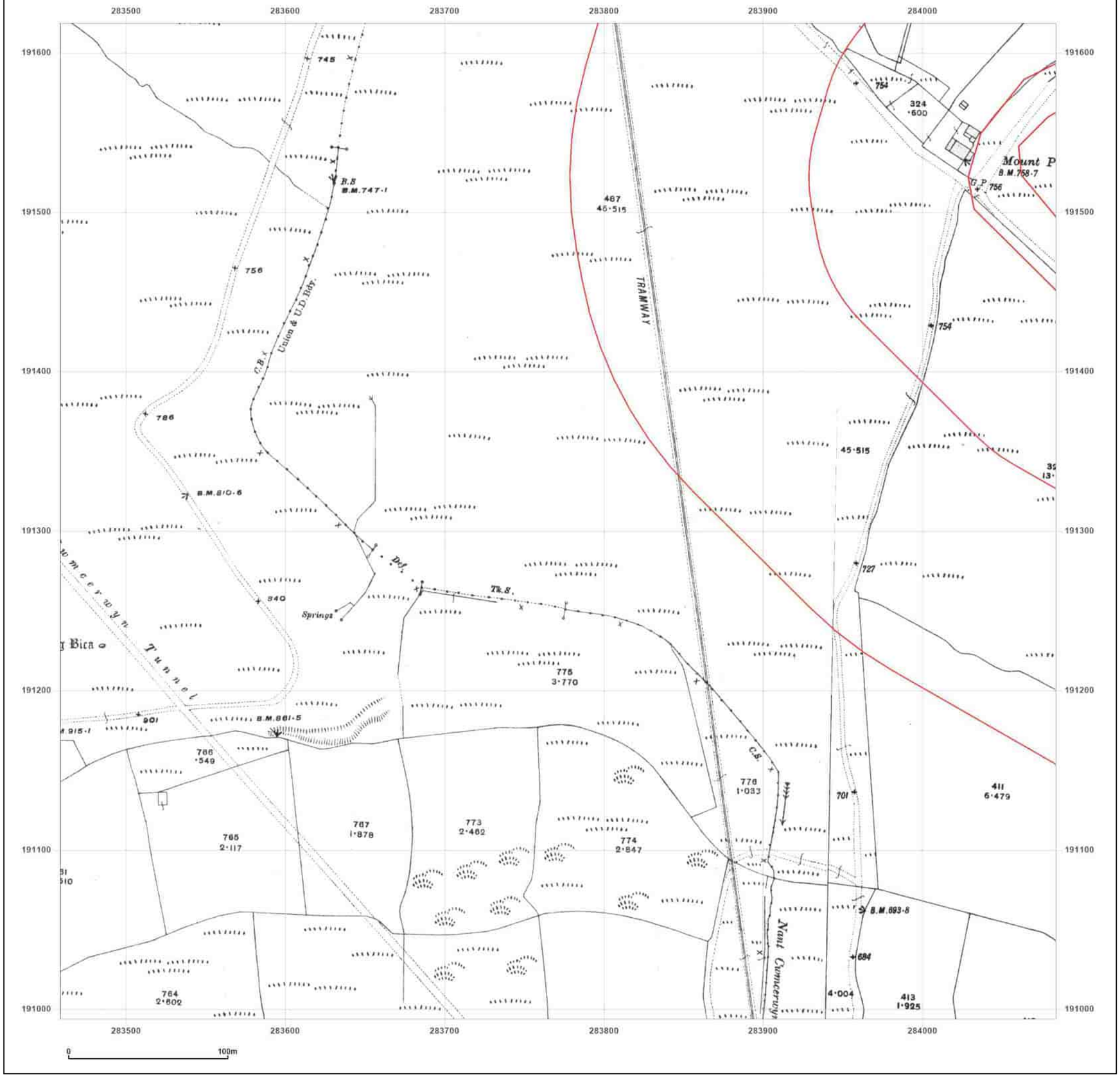
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_7
Grid Ref: 283771, 191306

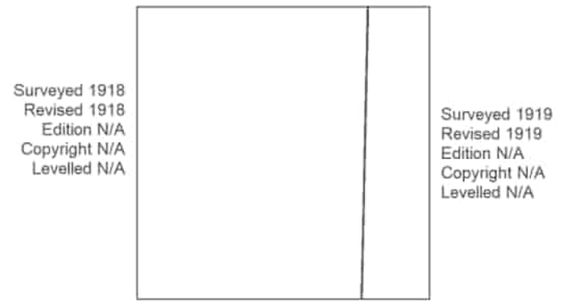
Map Name: County Series

Map date: **1918-1919**

Scale: 1:2,500

Printed at: 1:2,500

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Groundsure INSIGHTS

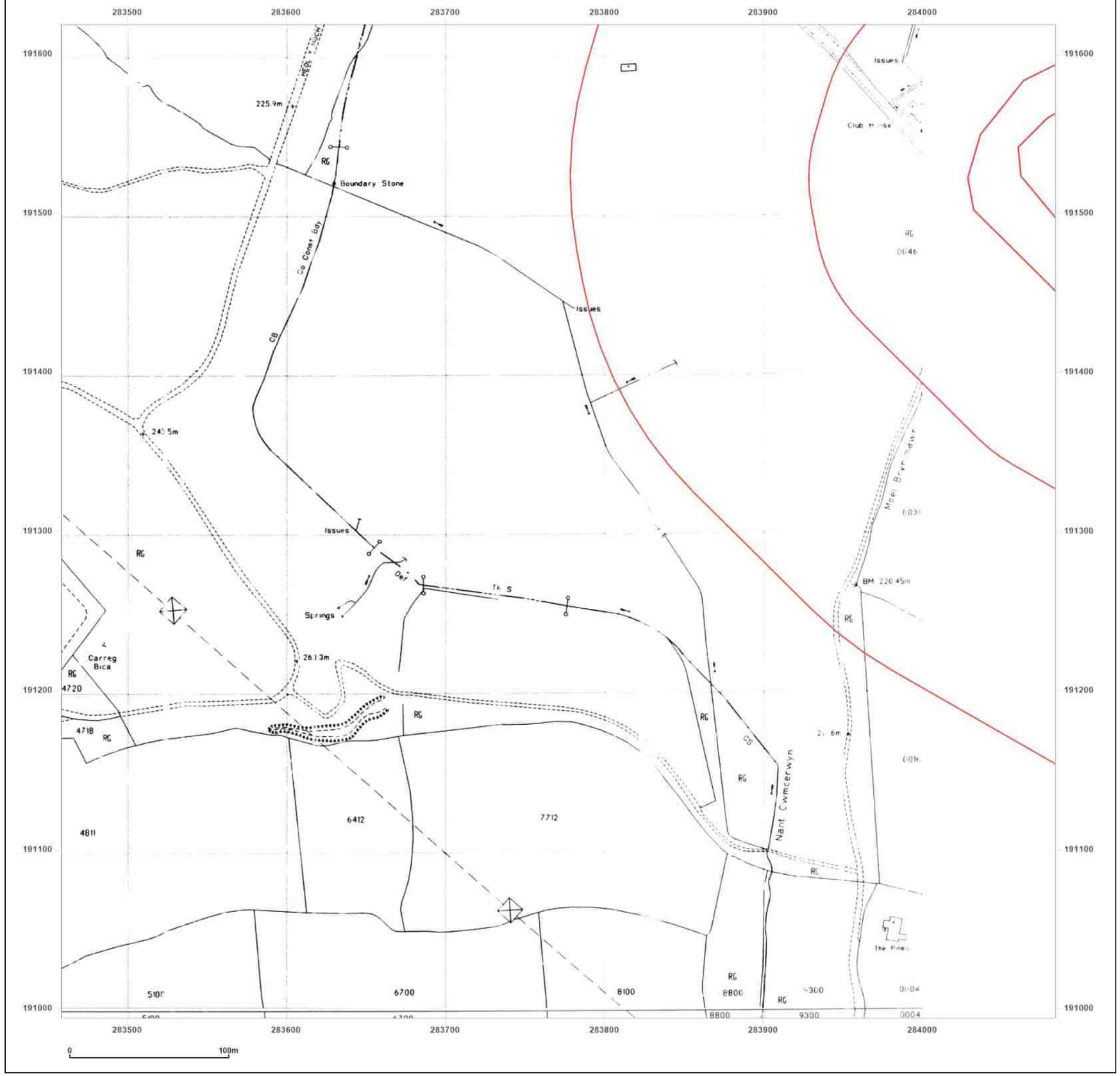
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_7
Grid Ref: 283771, 191306

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed 1993
Revised 1993
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

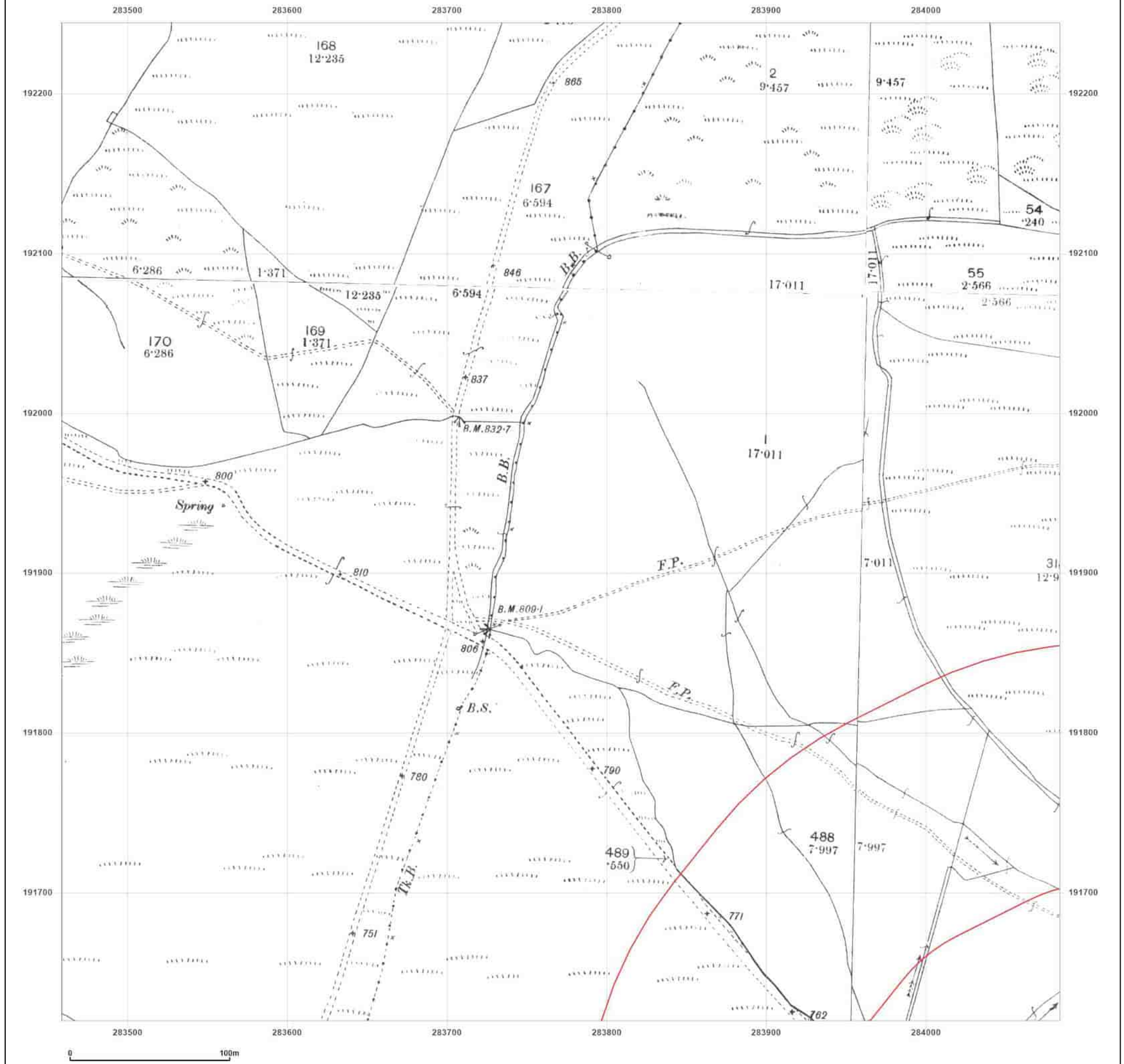
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Production date: 04 March 2025

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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_8
Grid Ref: 283771, 191932

Map Name: County Series

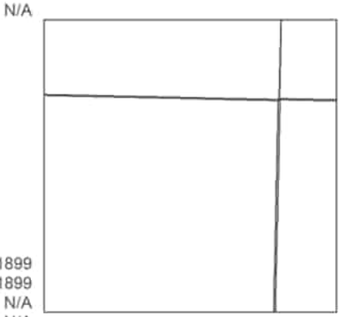
Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

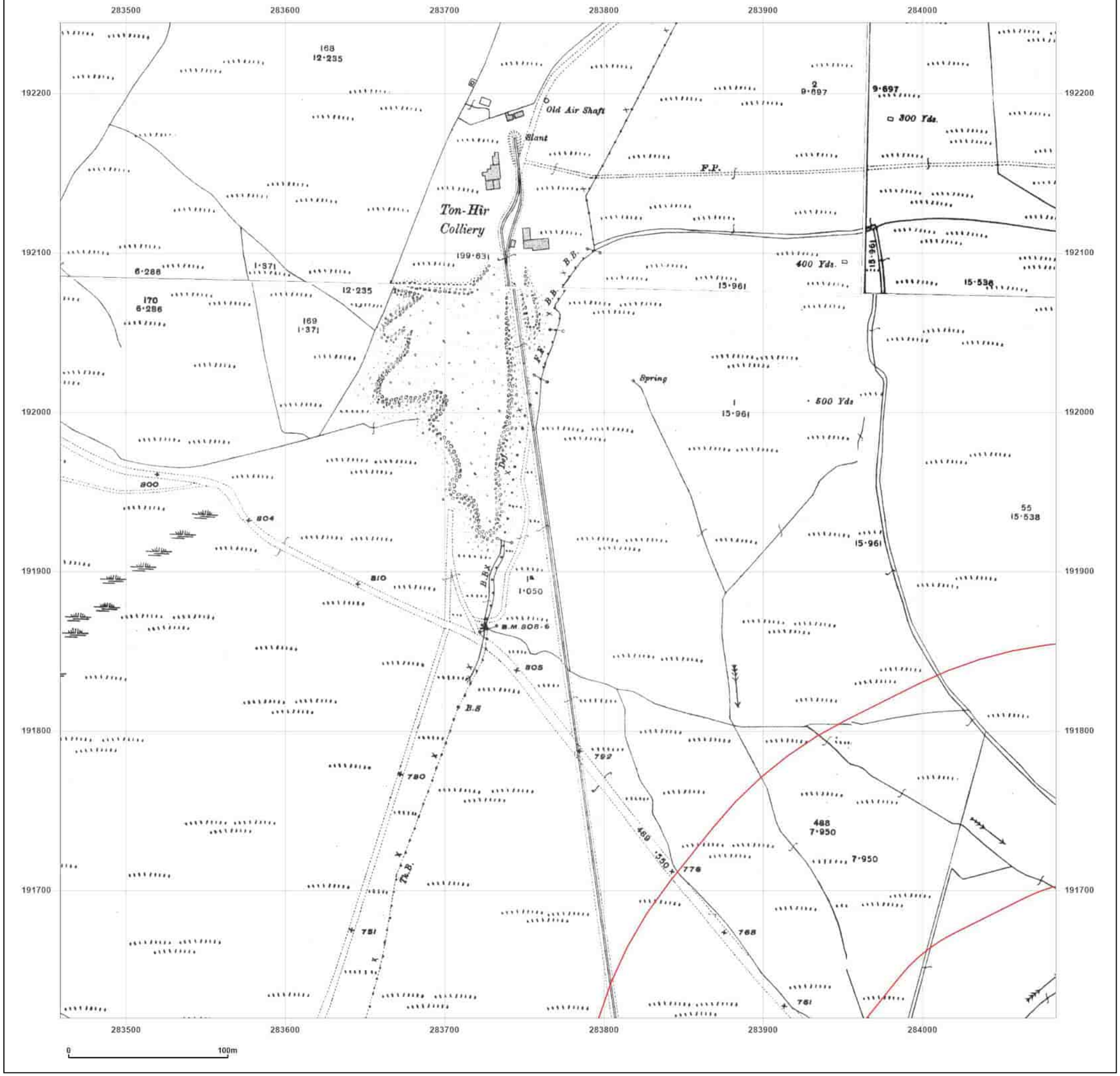
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_8
Grid Ref: 283771, 191932

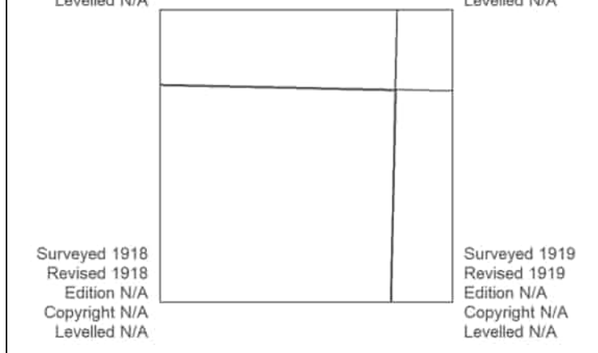
Map Name: County Series

Map date: **1918-1919**

Scale: 1:2,500

Printed at: 1:2,500

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Groundsure INSIGHTS

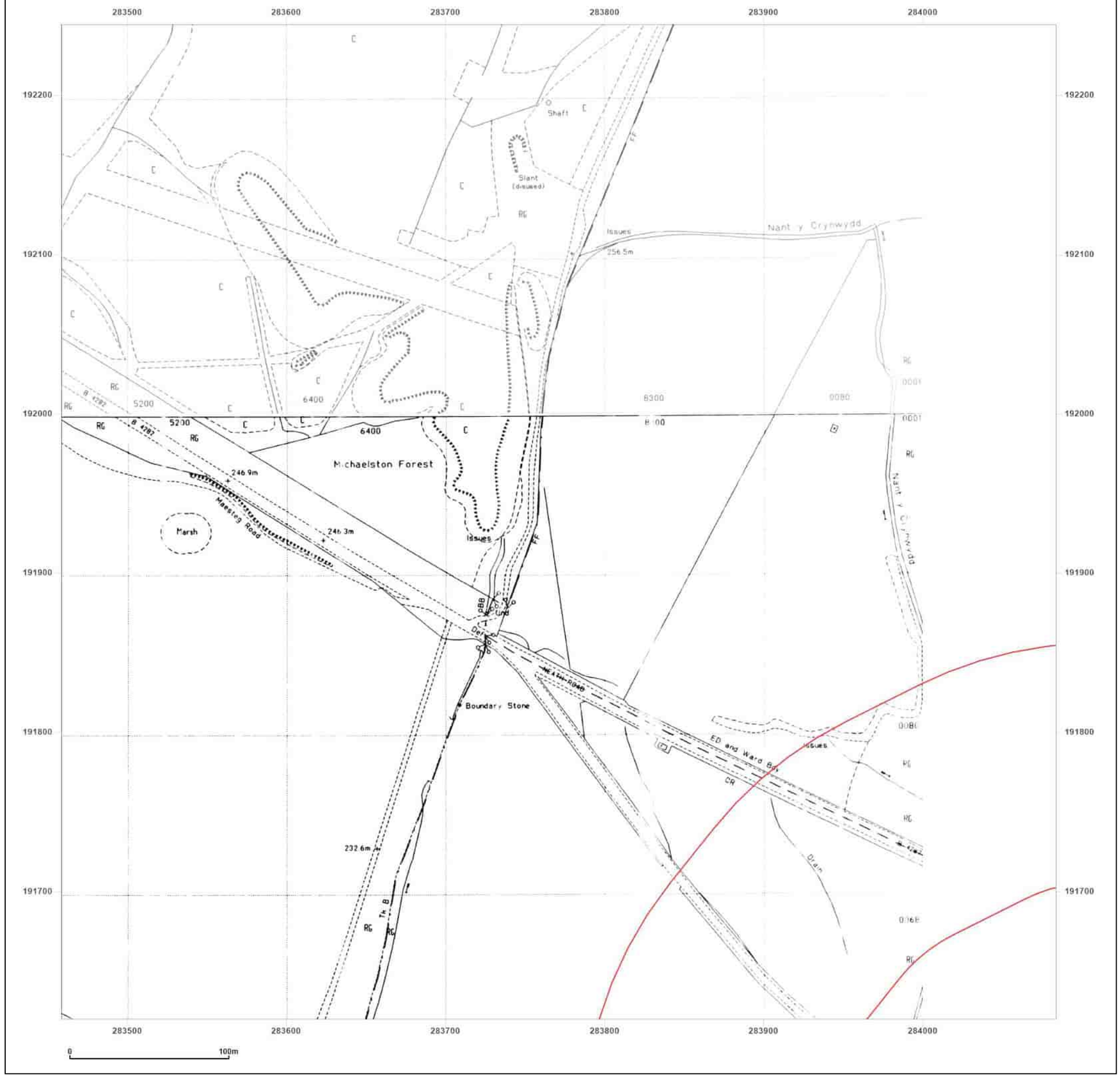
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_8
Grid Ref: 283771, 191932

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1993
Revised 1993
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Groundsure INSIGHTS

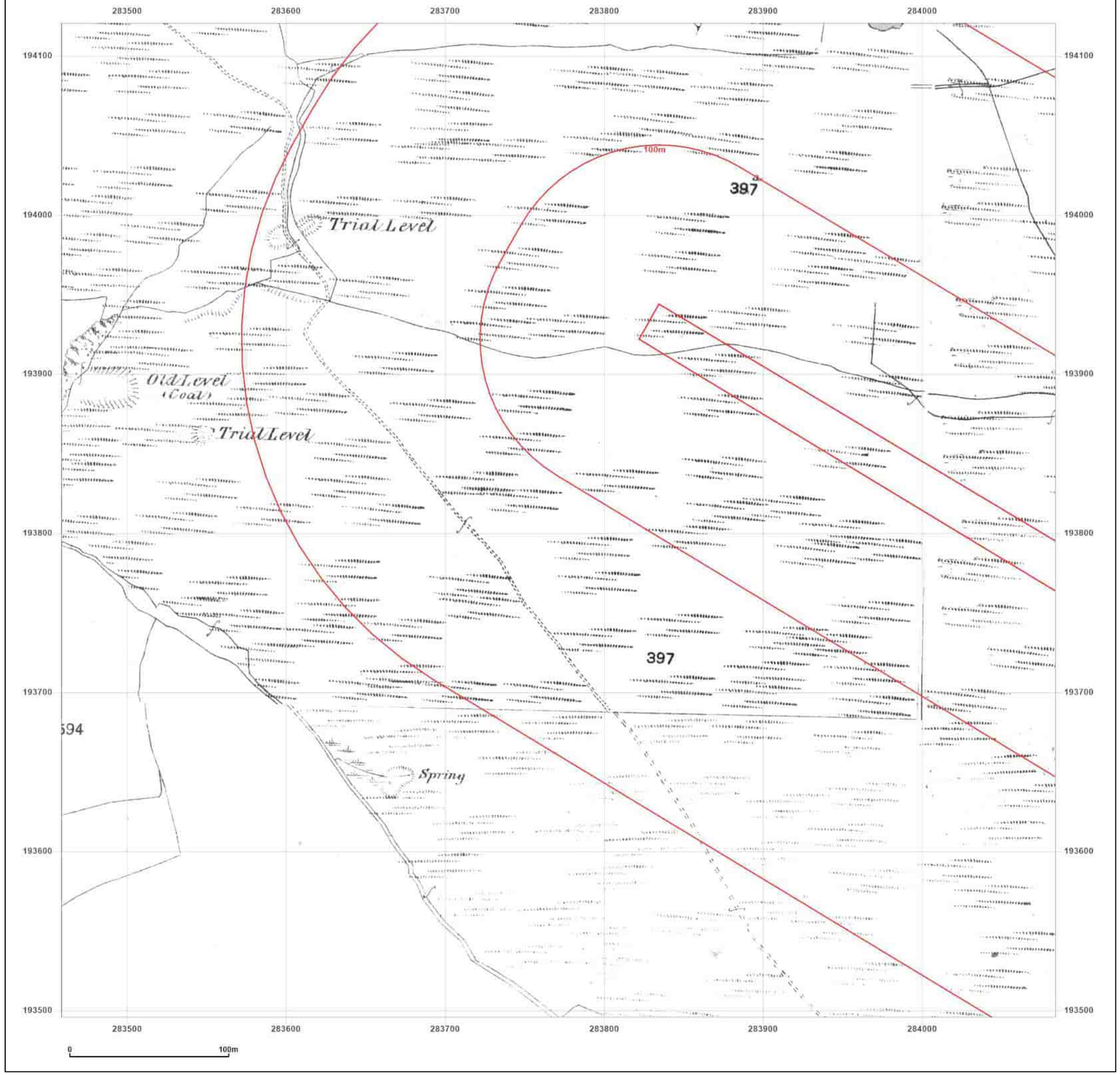
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Production date: 04 March 2025

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_11
Grid Ref: 283771, 193808

Map Name: County Series

Map date: **1877-1878**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

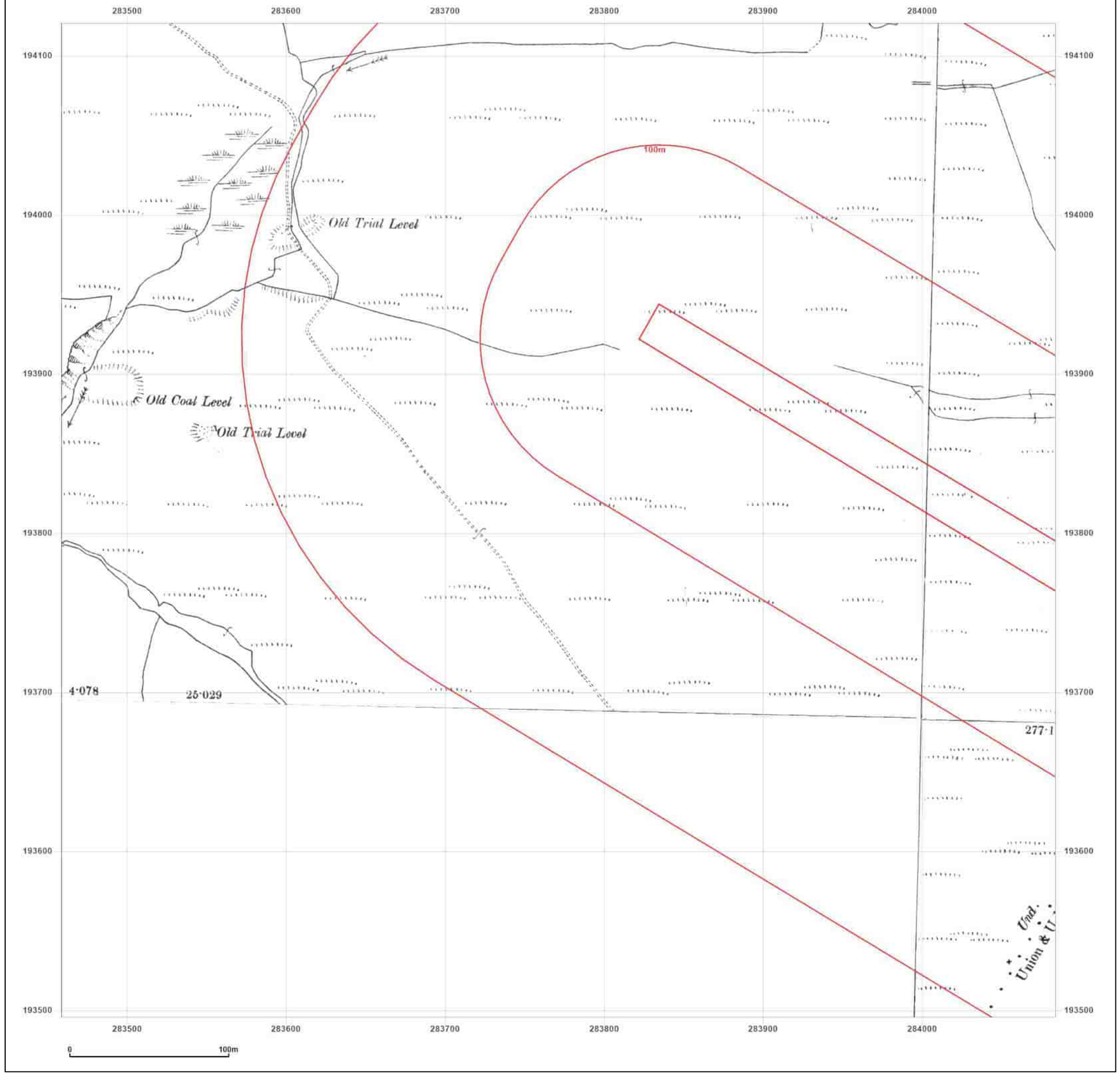
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_11
Grid Ref: 283771, 193808

Map Name: County Series

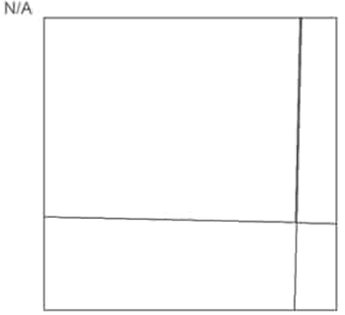
Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

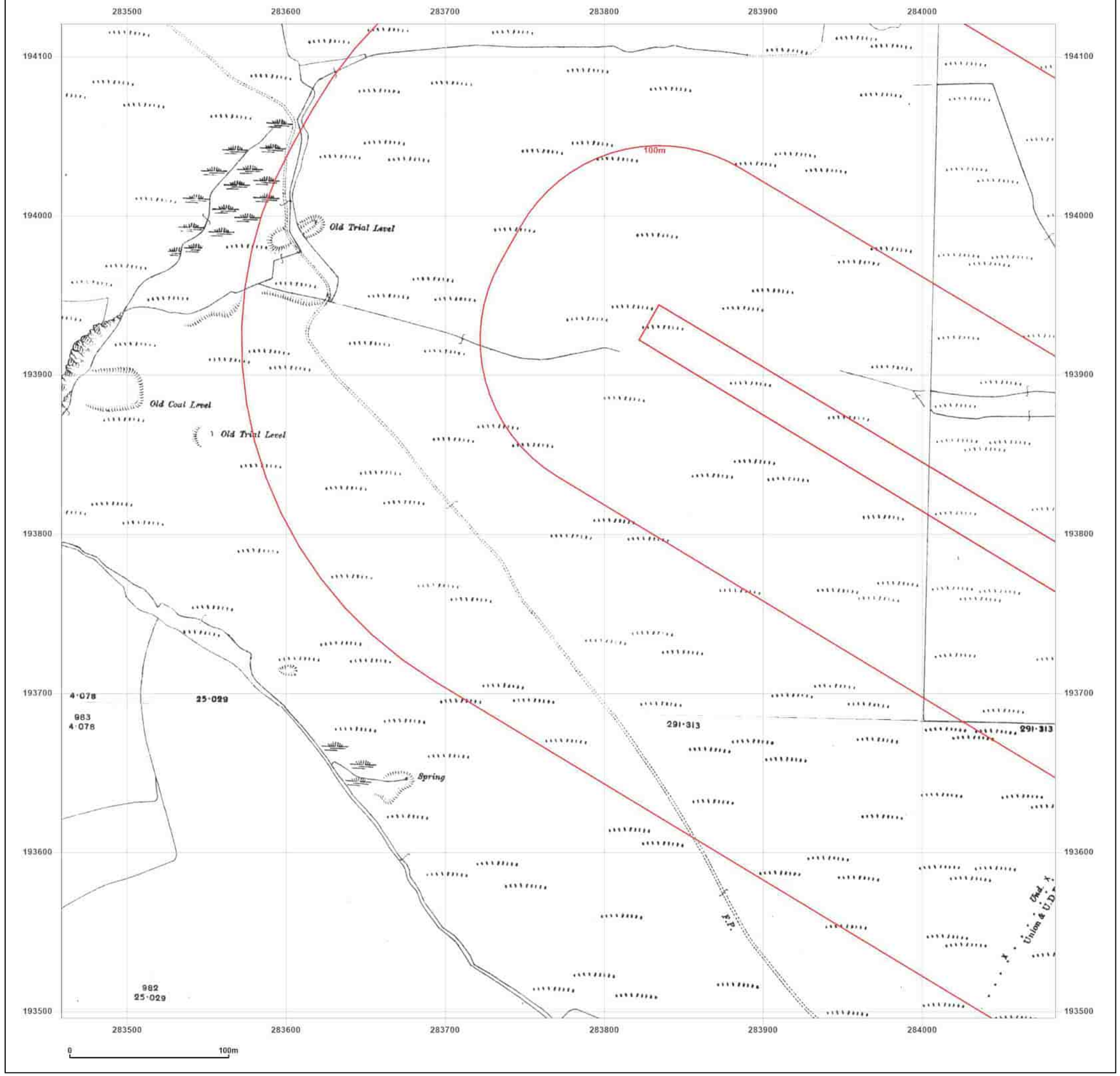
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_11
Grid Ref: 283771, 193808

Map Name: County Series

Map date: **1918-1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

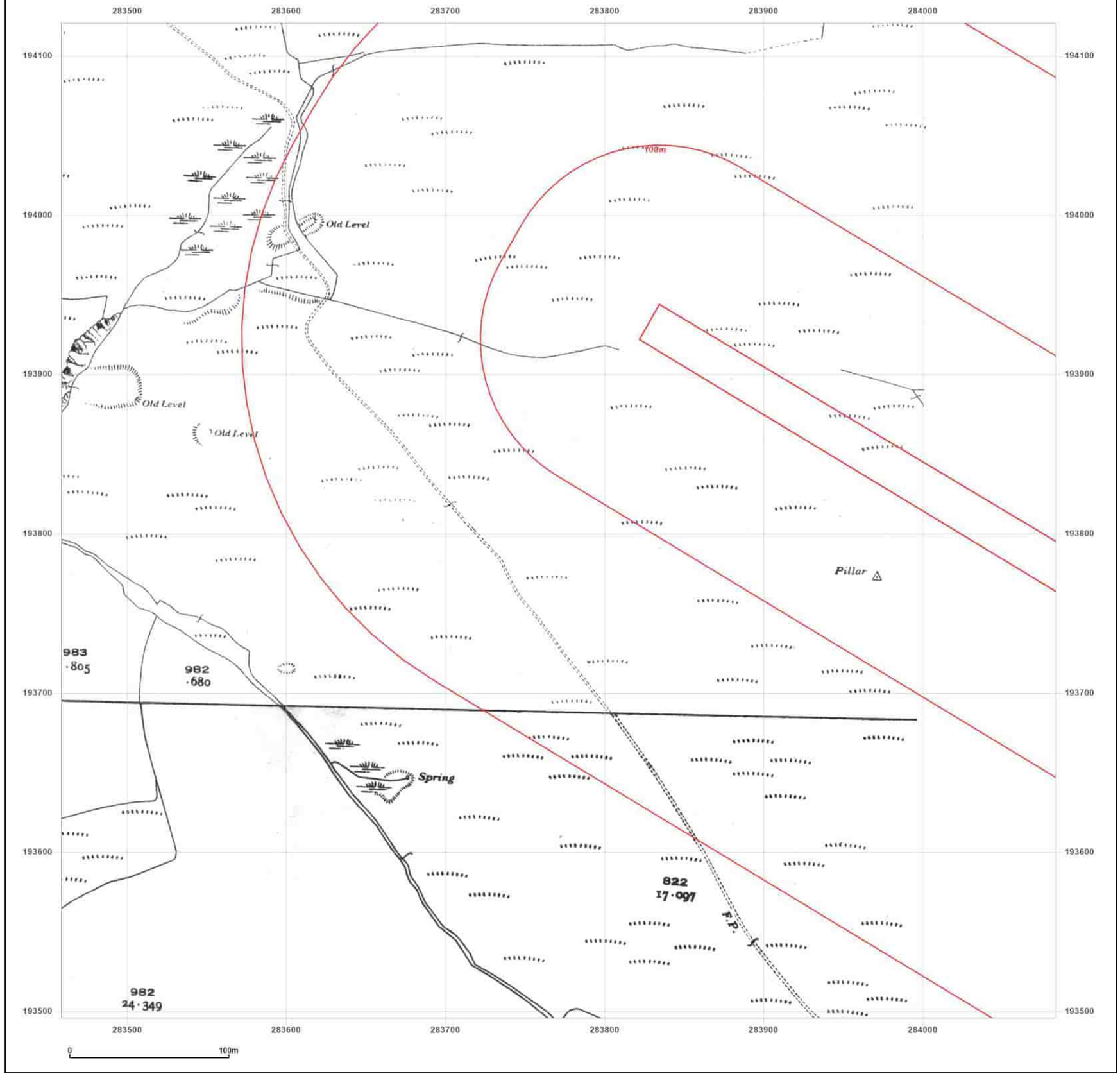
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_11
Grid Ref: 283771, 193808

Map Name: County Series

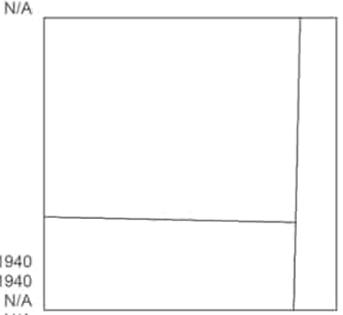
Map date: **1940**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

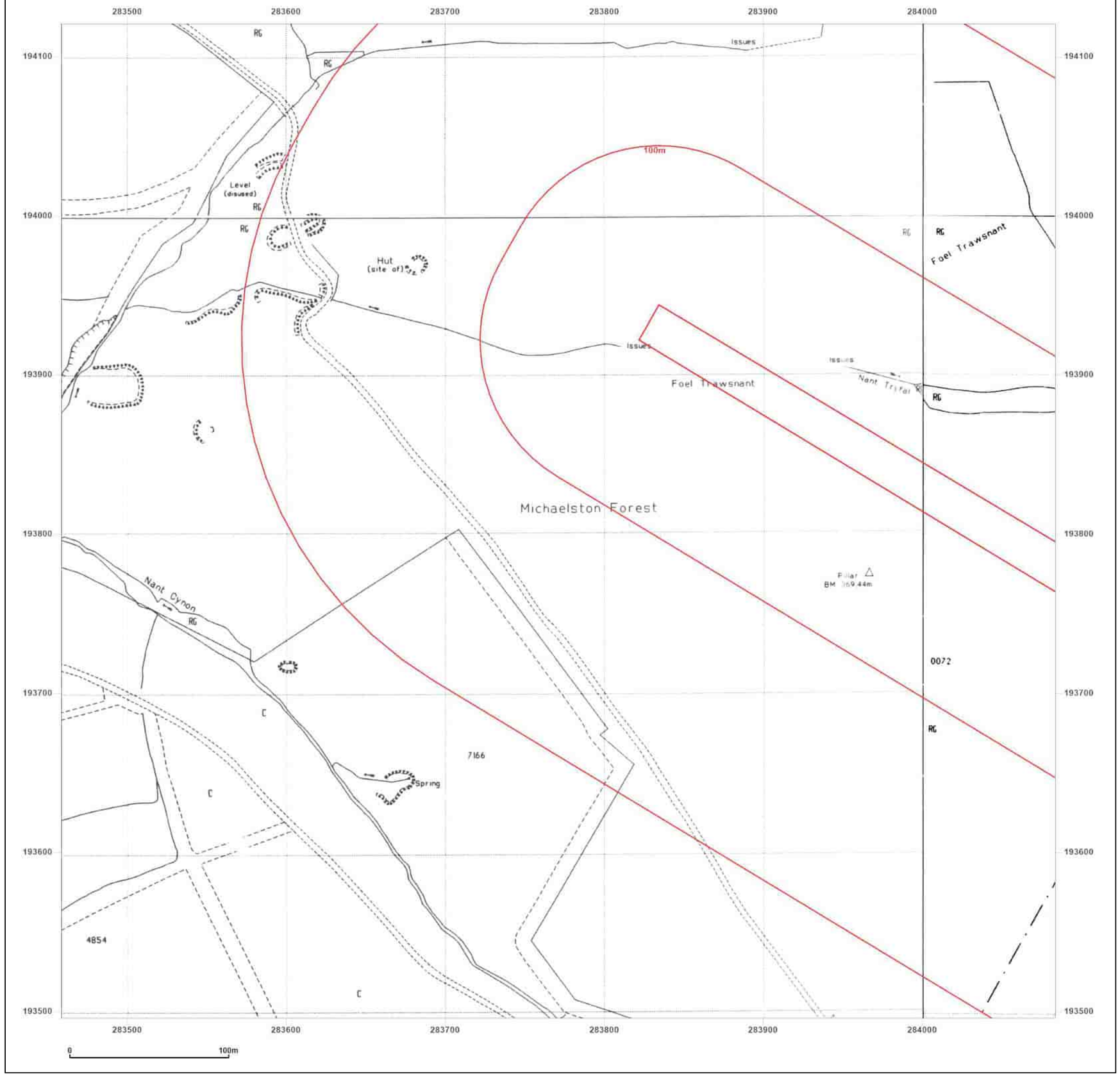
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_1_11
Grid Ref: 283771, 193808

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1993
Revised 1993
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed 1993
Revised 1993
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Groundsure INSIGHTS

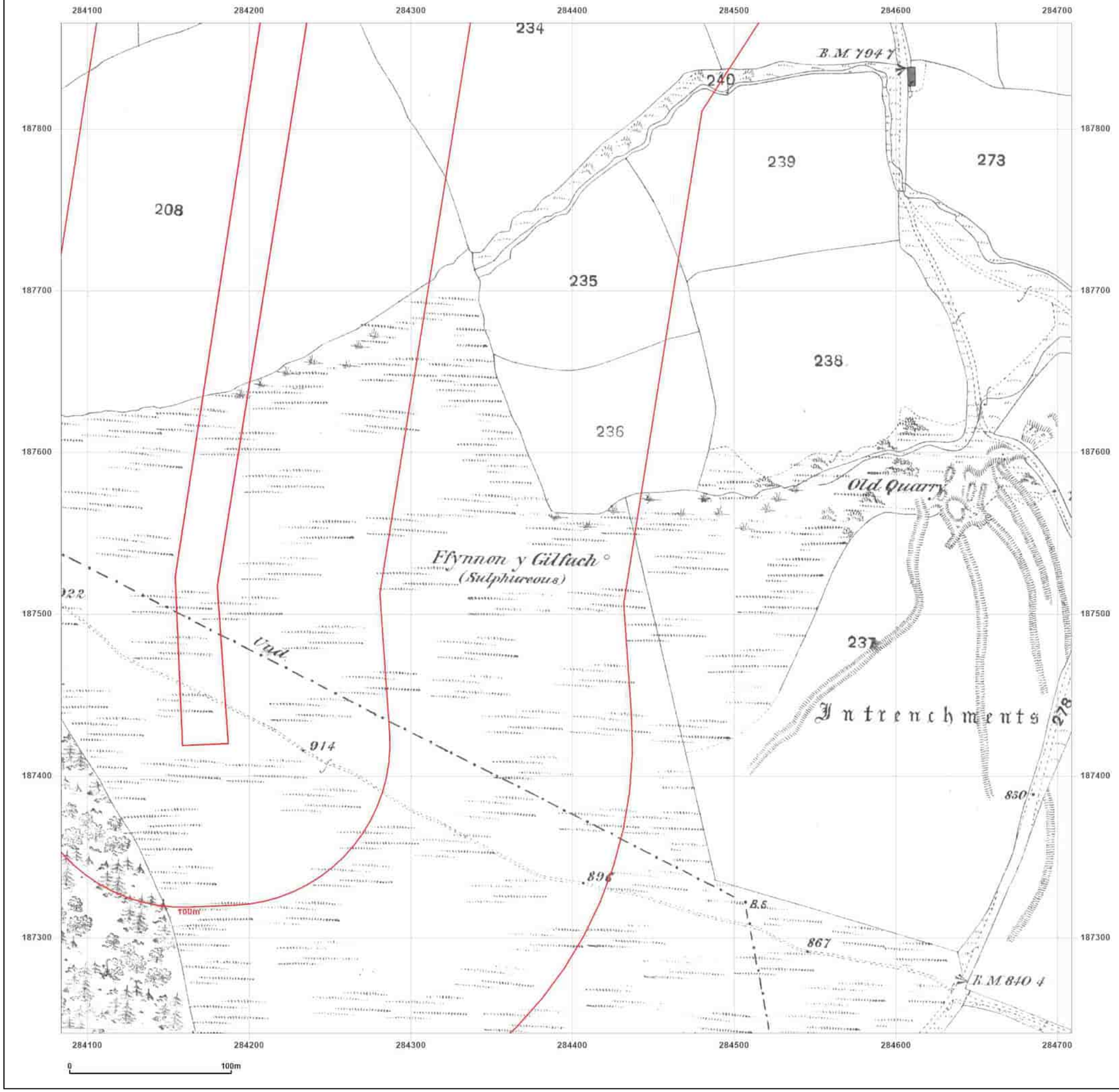
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_1
Grid Ref: 284396, 187553

Map Name: County Series

Map date: **1877**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

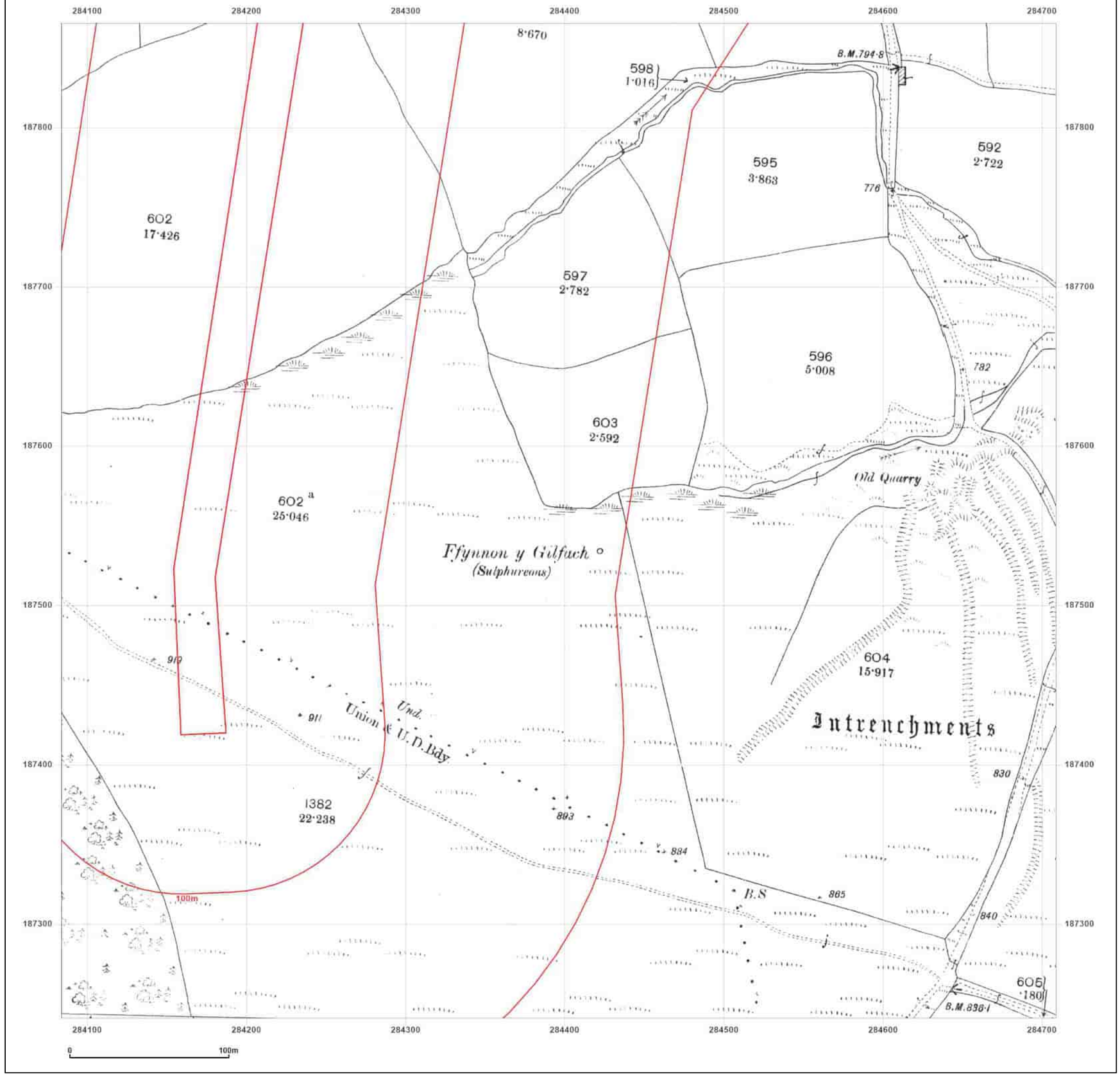
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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_1
Grid Ref: 284396, 187553

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

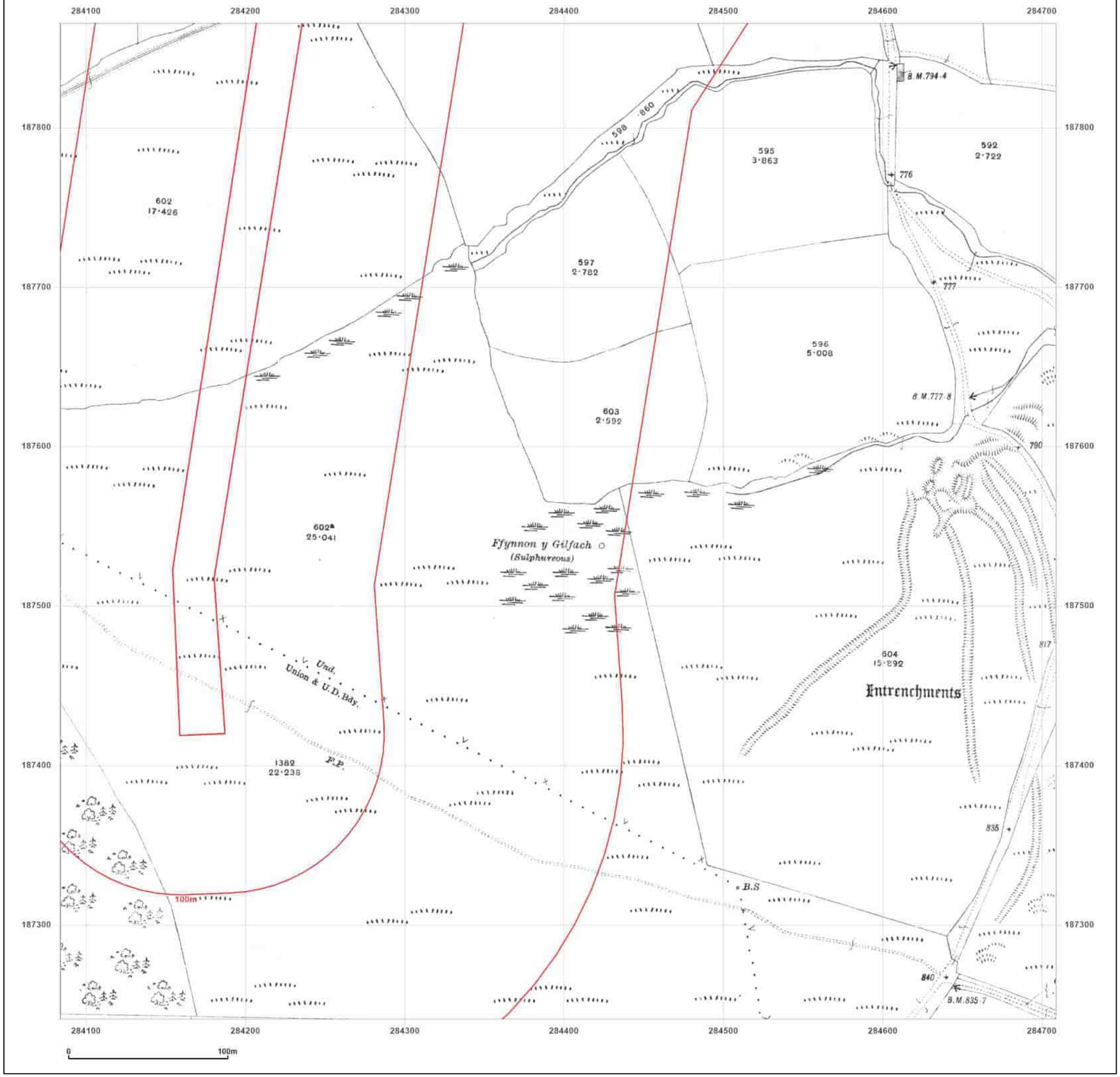
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wsp

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_1
Grid Ref: 284396, 187553

Map Name: County Series

Map date: **1918**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

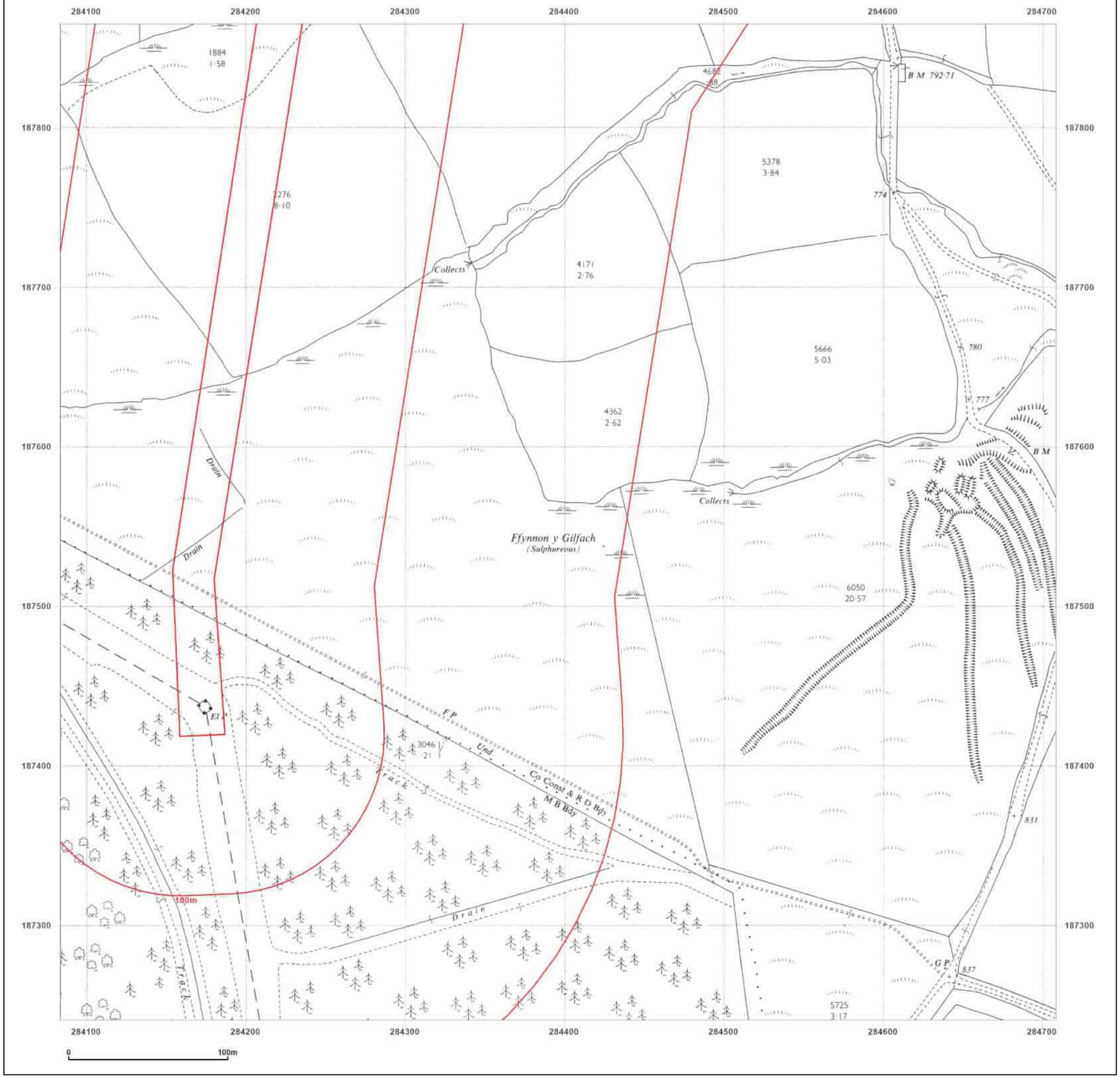
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_1
Grid Ref: 284396, 187553

Map Name: National Grid

Map date: **1963**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1962
Revised 1962
Edition N/A
Copyright 1963
Levelled 1957

Groundsure INSIGHTS

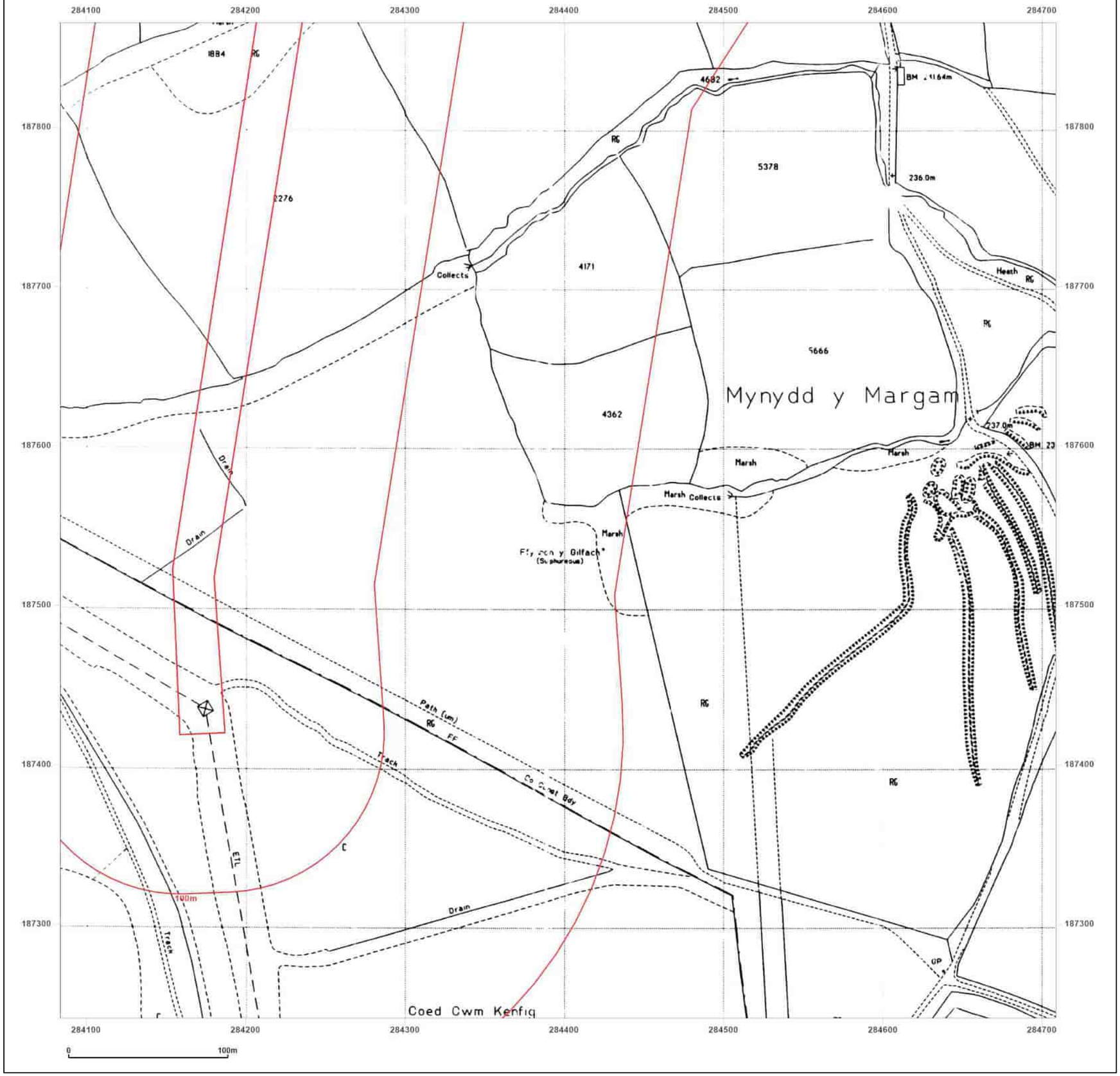
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_1
Grid Ref: 284396, 187553

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Groundsure INSIGHTS

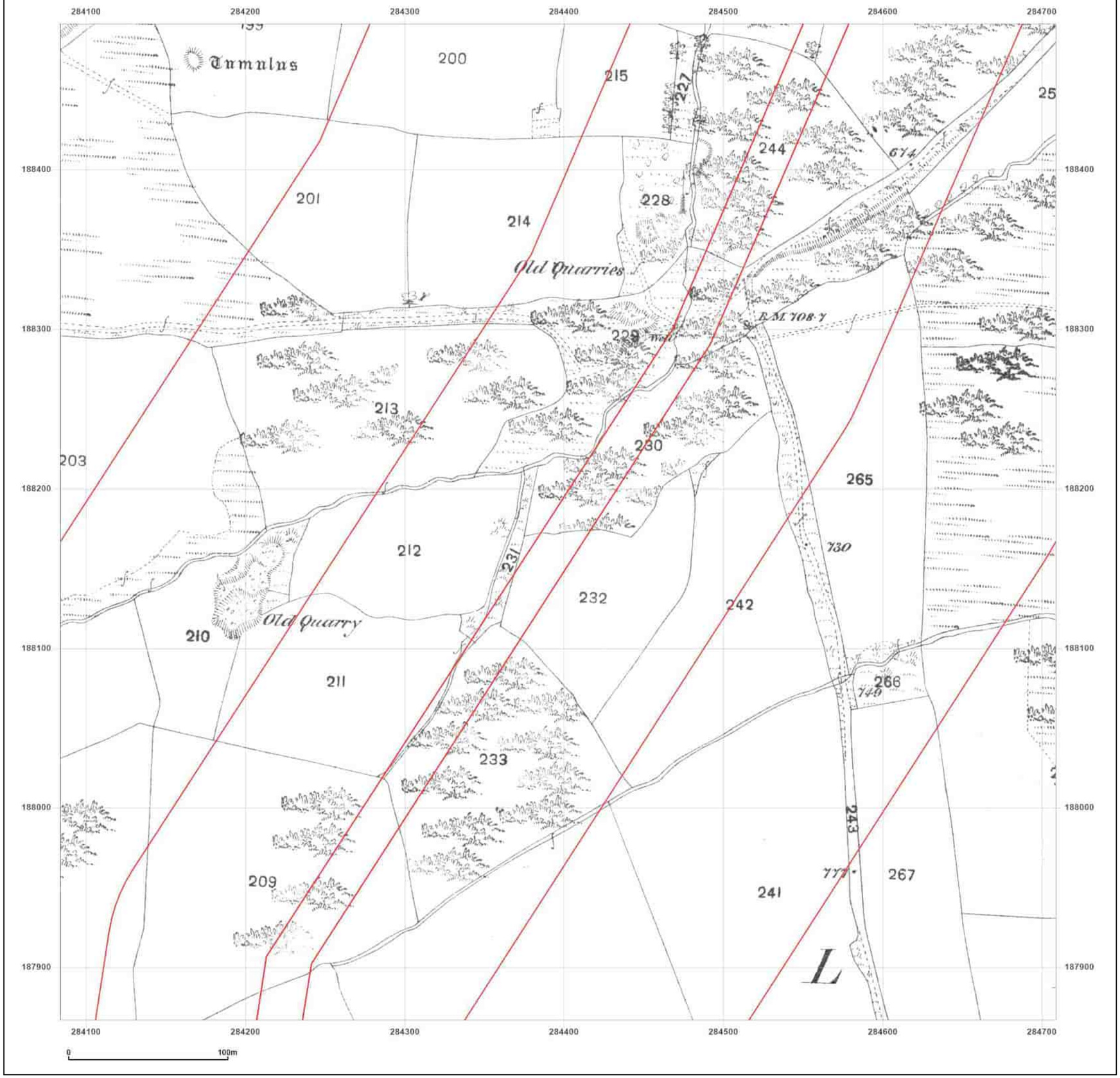
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_2
Grid Ref: 284396, 188179

Map Name: County Series

Map date: **1877**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

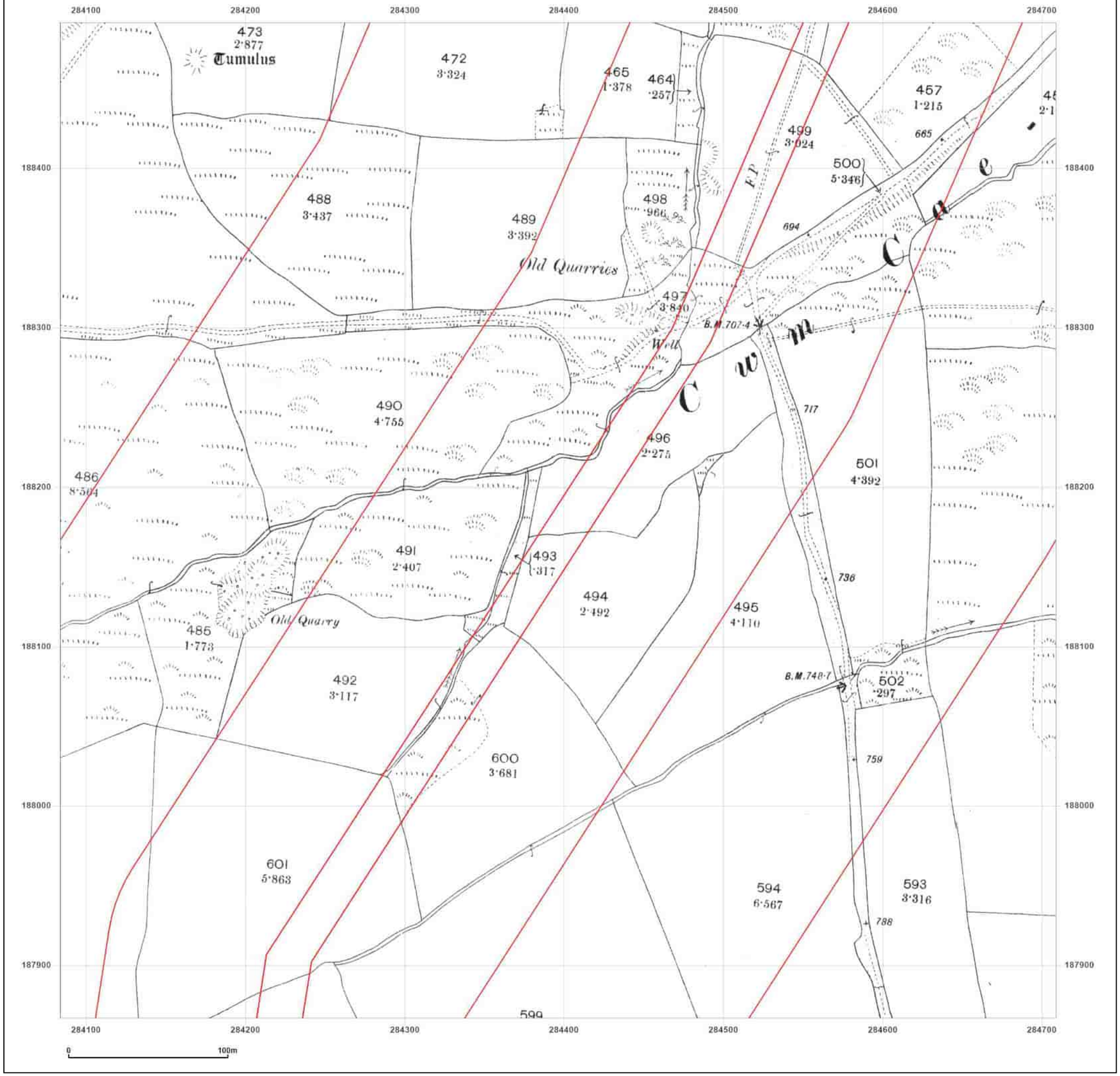
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_2
Grid Ref: 284396, 188179

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

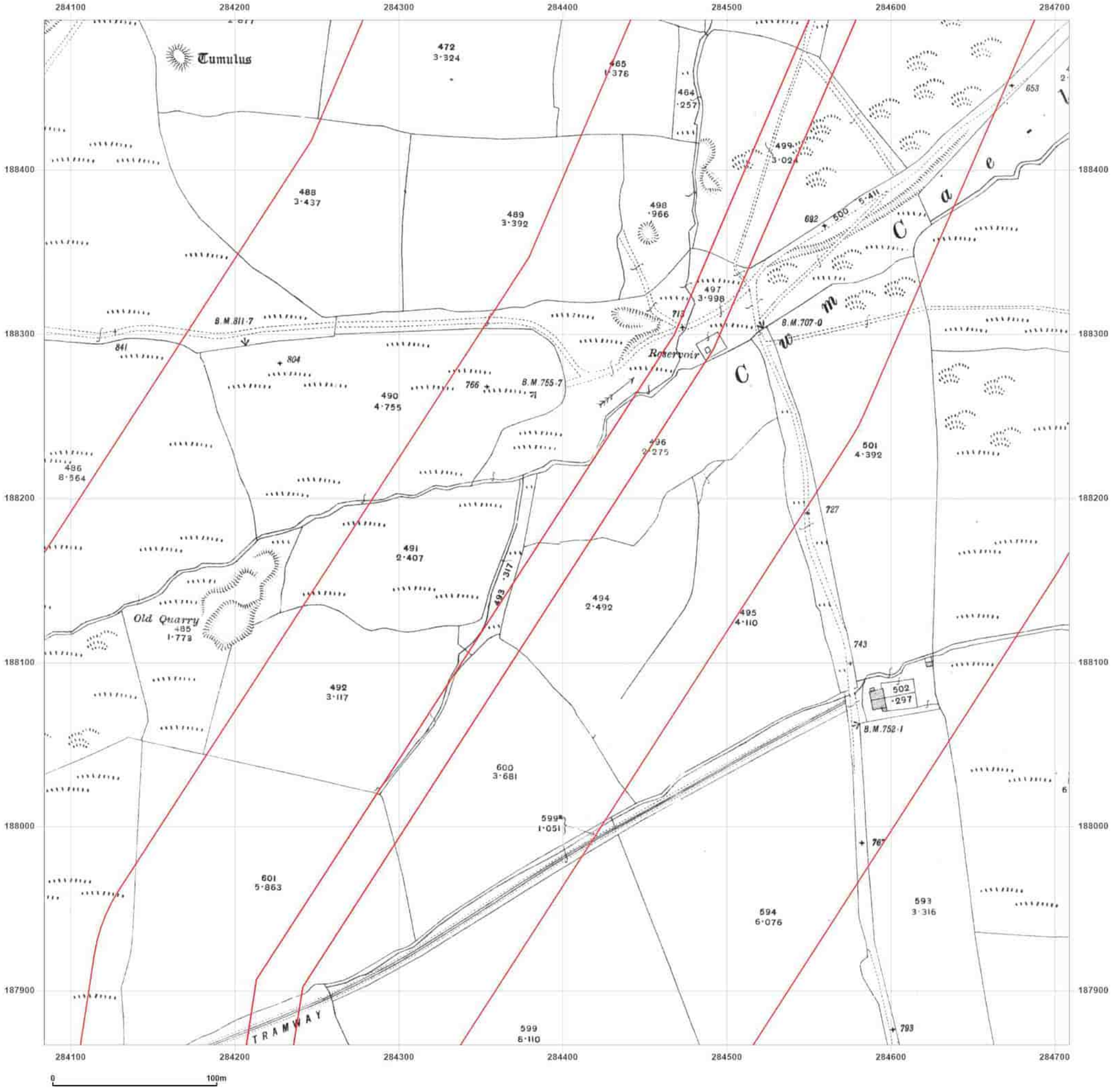
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Production date: 04 March 2025

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_2
Grid Ref: 284396, 188179

Map Name: County Series

Map date: **1918**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

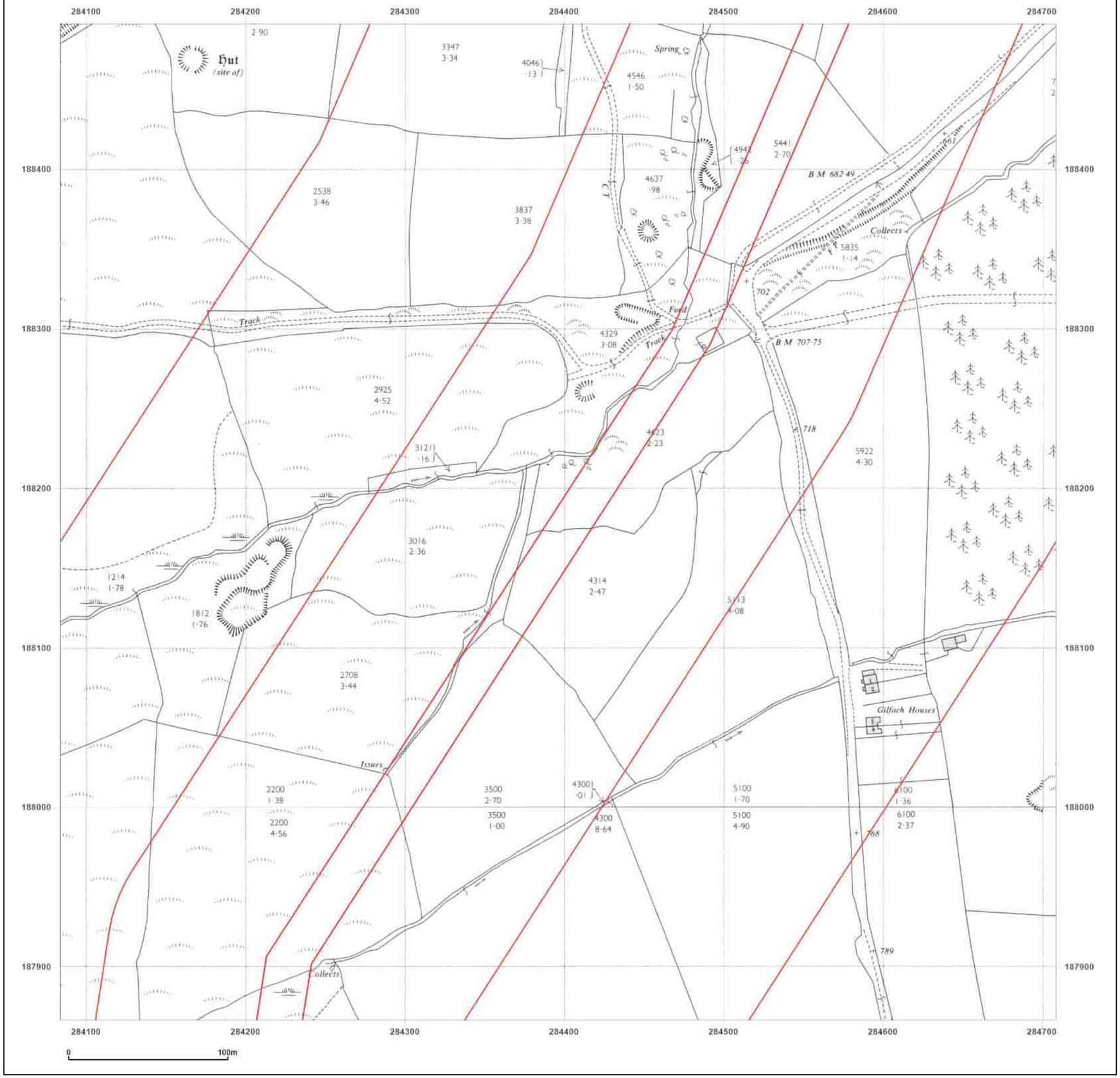
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_2
Grid Ref: 284396, 188179

Map Name: National Grid

Map date: **1963-1964**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1962
Revised 1962
Edition N/A
Copyright 1964
Levelled 1957

Surveyed 1962
Revised 1962
Edition N/A
Copyright 1963
Levelled 1957

Groundsure INSIGHTS

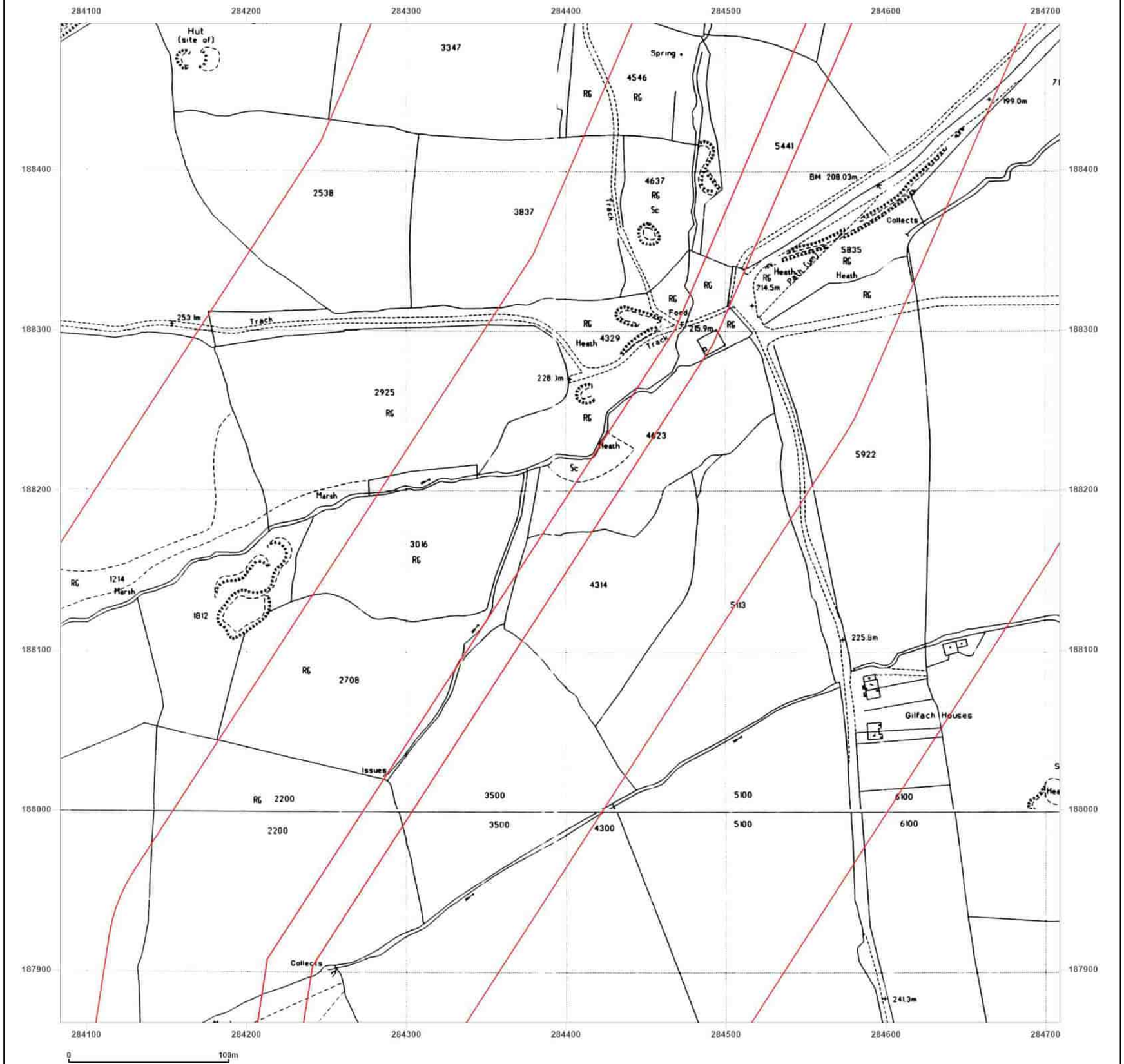
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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_2
Grid Ref: 284396, 188179

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Groundsure INSIGHTS

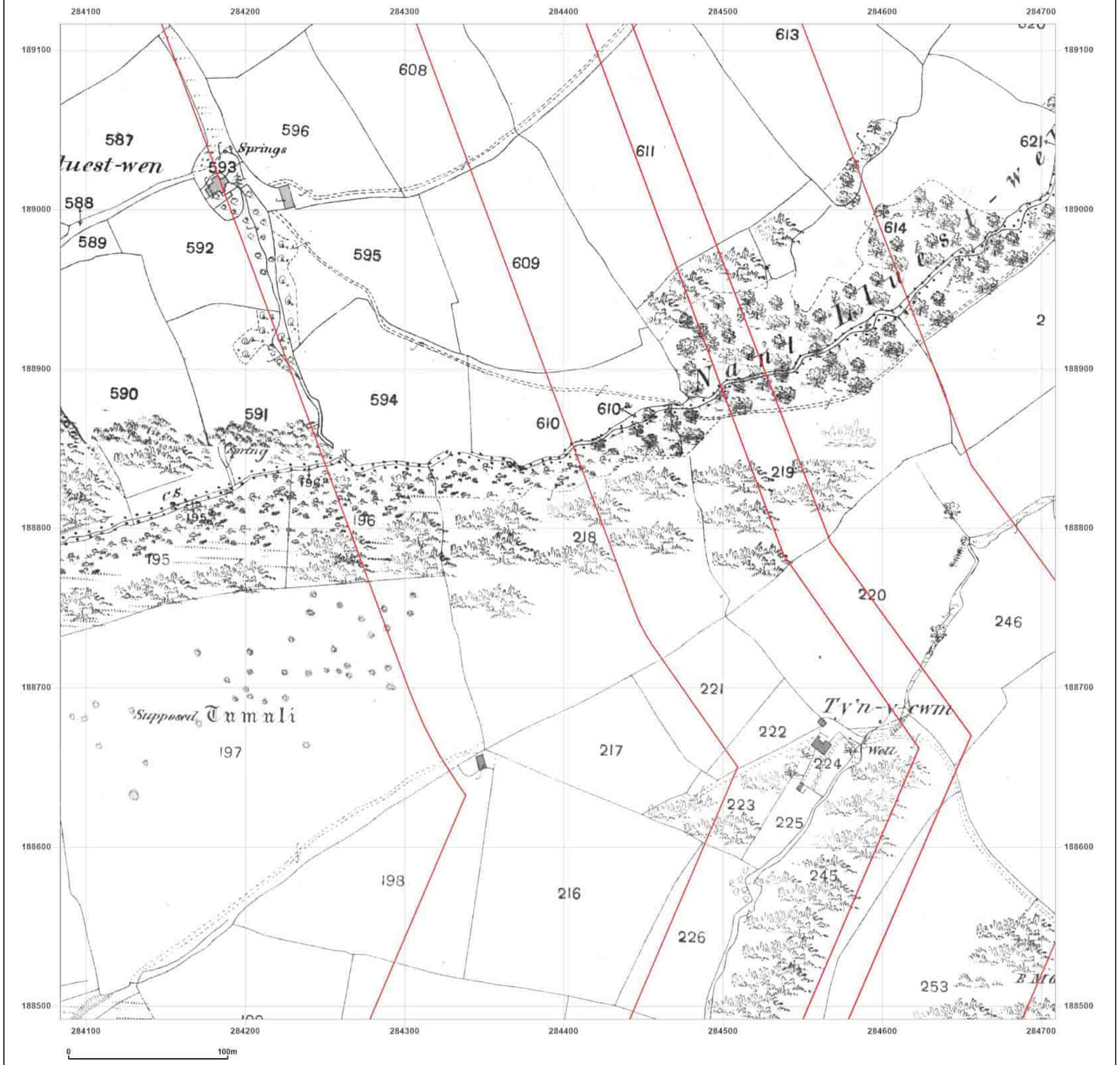
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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_3
Grid Ref: 284396, 188804

Map Name: County Series

Map date: **1877-1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

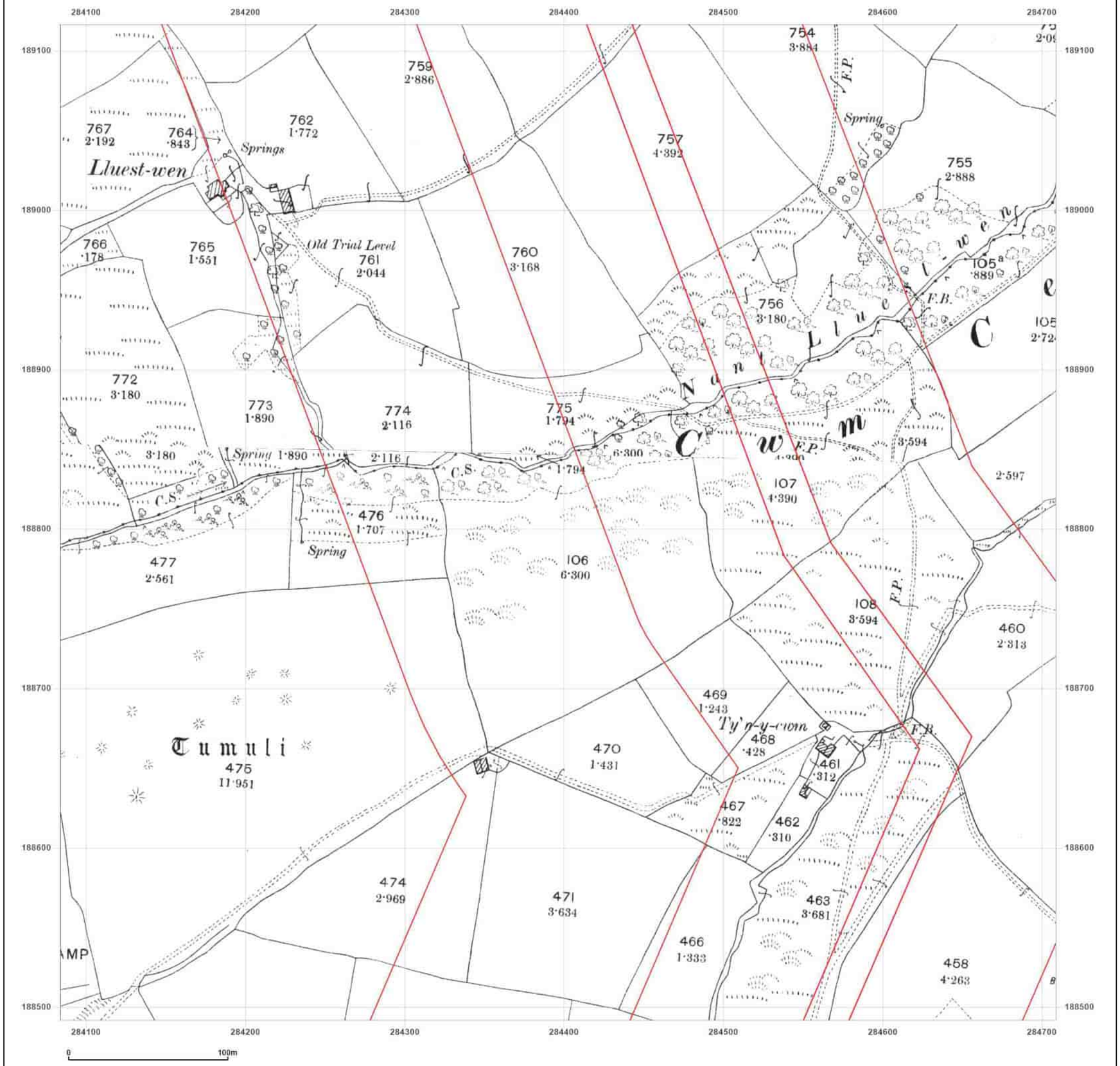
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_3
Grid Ref: 284396, 188804

Map Name: County Series

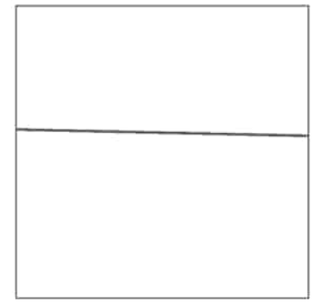
Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

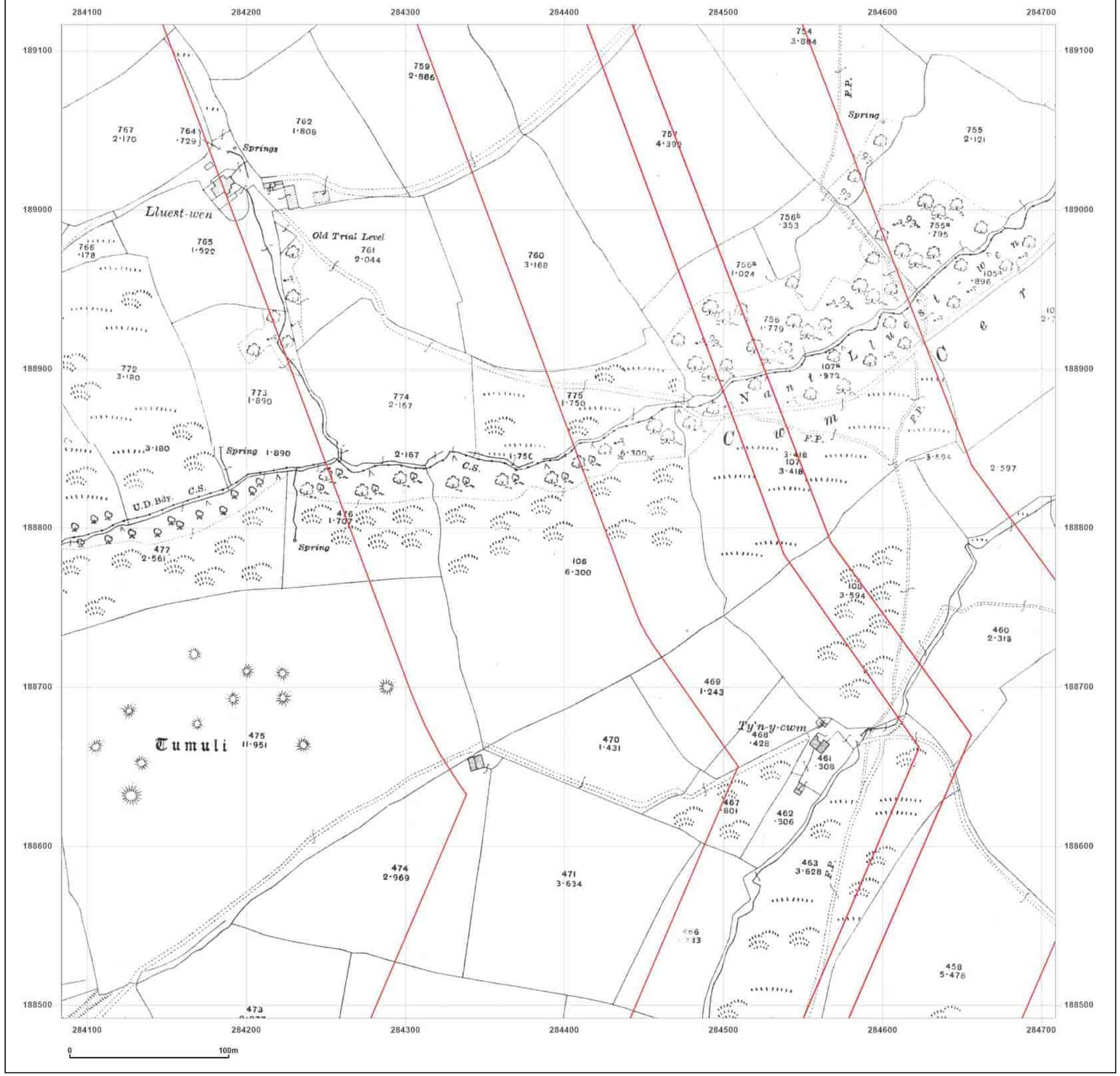
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_3
Grid Ref: 284396, 188804

Map Name: County Series

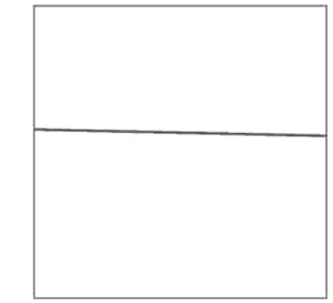
Map date: **1918**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

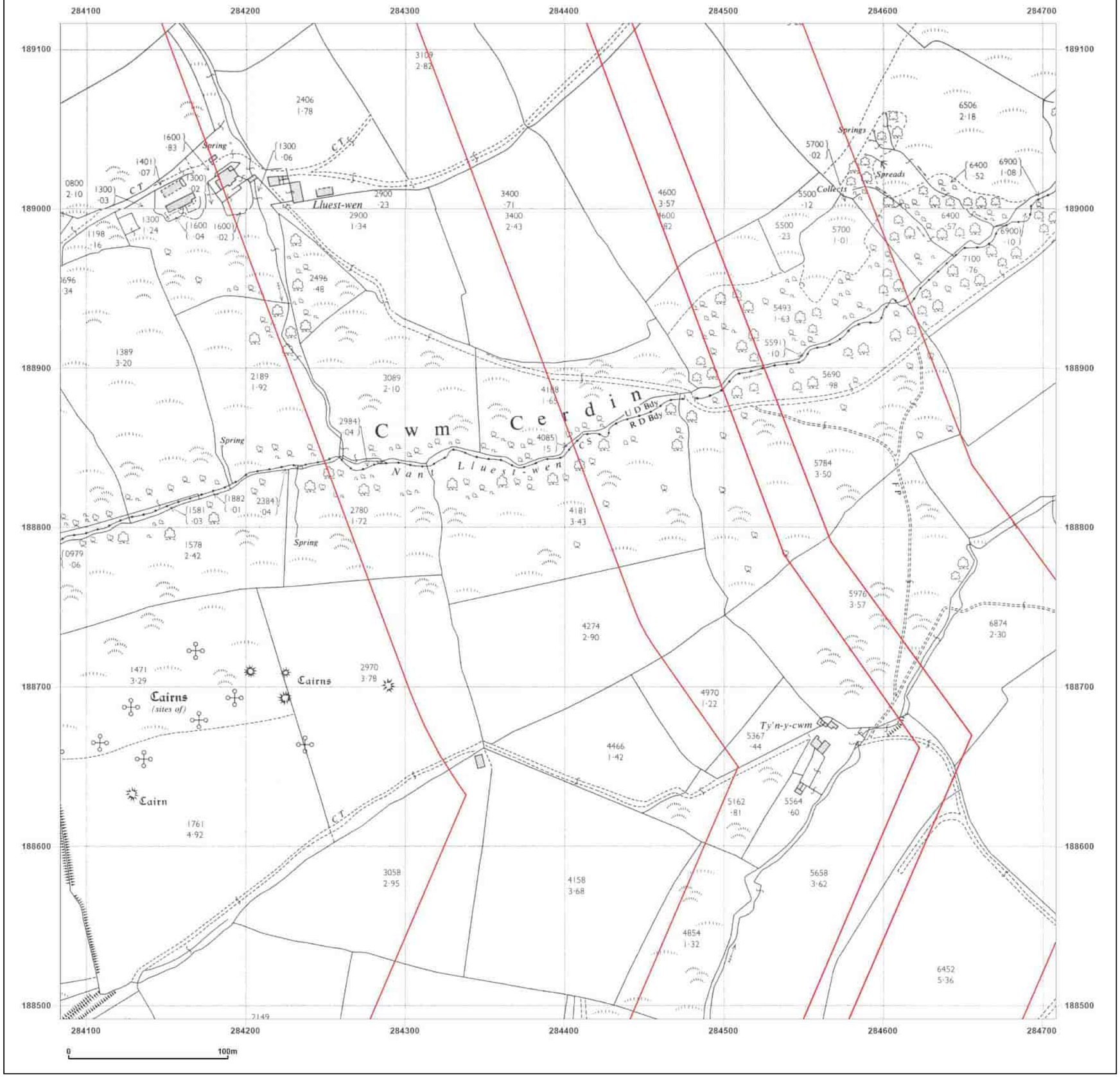
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_3
Grid Ref: 284396, 188804

Map Name: National Grid

Map date: **1964**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1962
Revised 1962
Edition N/A
Copyright 1964
Levelled 1957

Surveyed 1962
Revised 1962
Edition N/A
Copyright 1964
Levelled 1957

Groundsure INSIGHTS

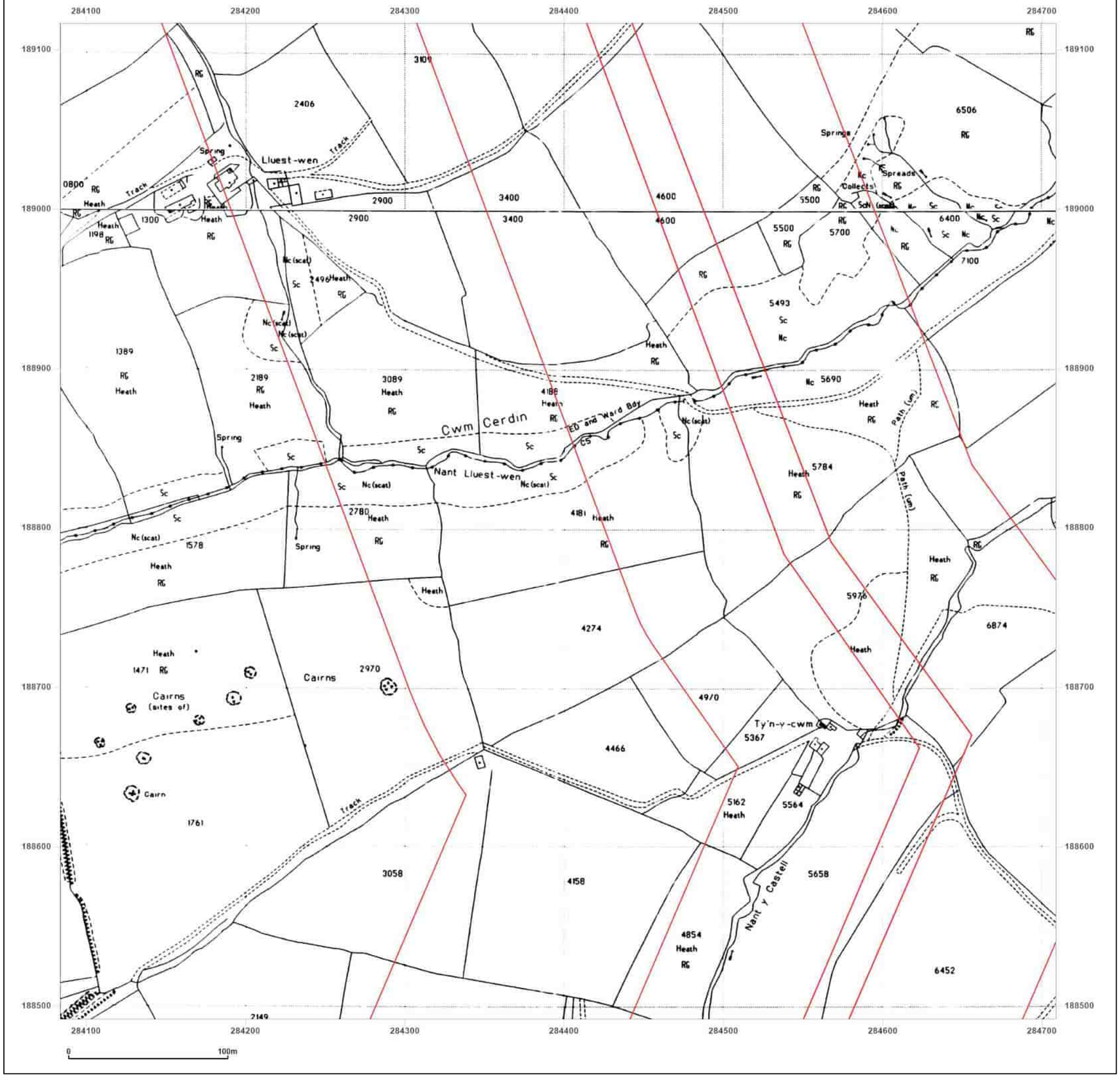
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_3
Grid Ref: 284396, 188804

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Groundsure INSIGHTS

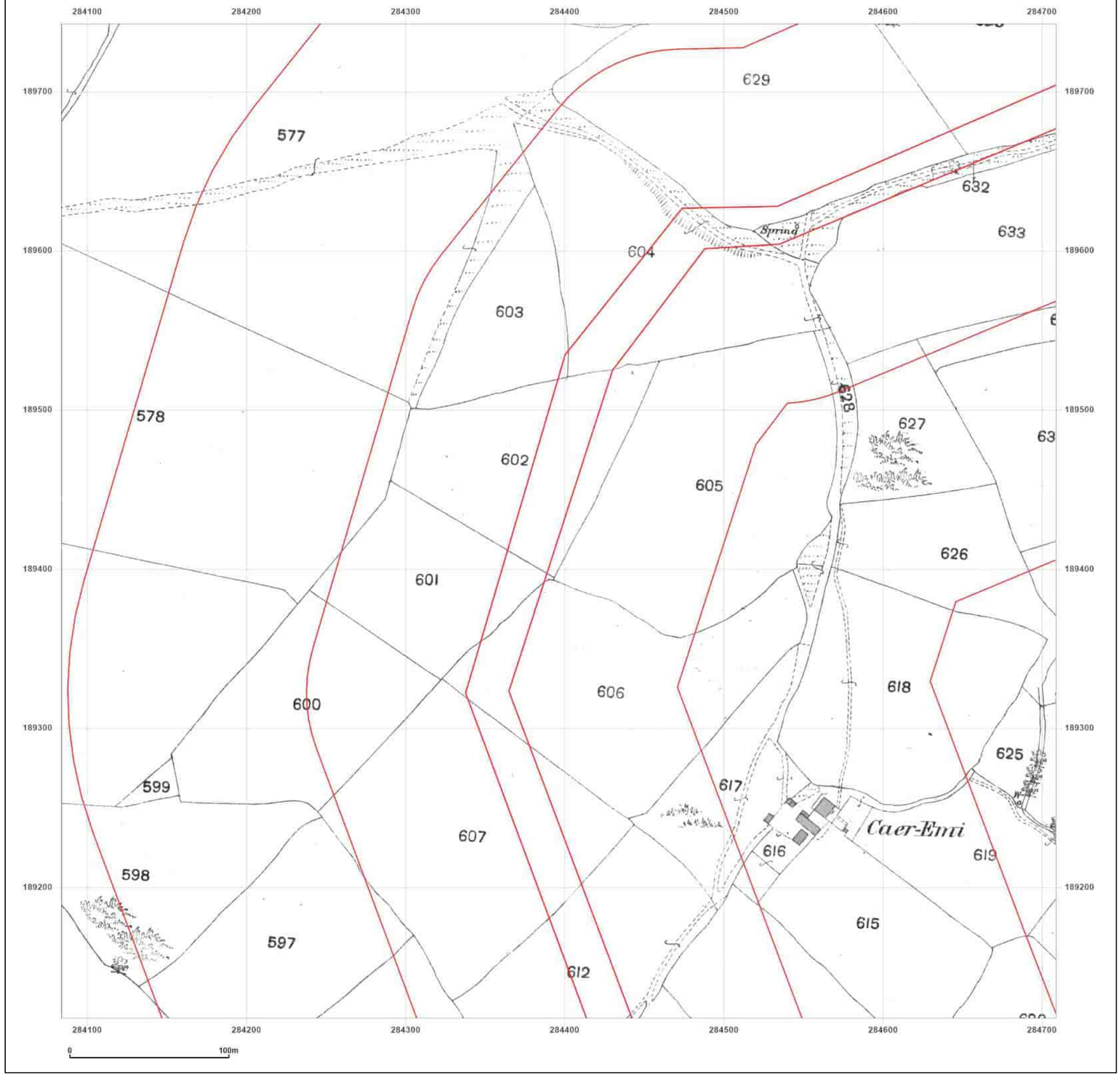
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_4
Grid Ref: 284396, 189430

Map Name: County Series

Map date: **1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

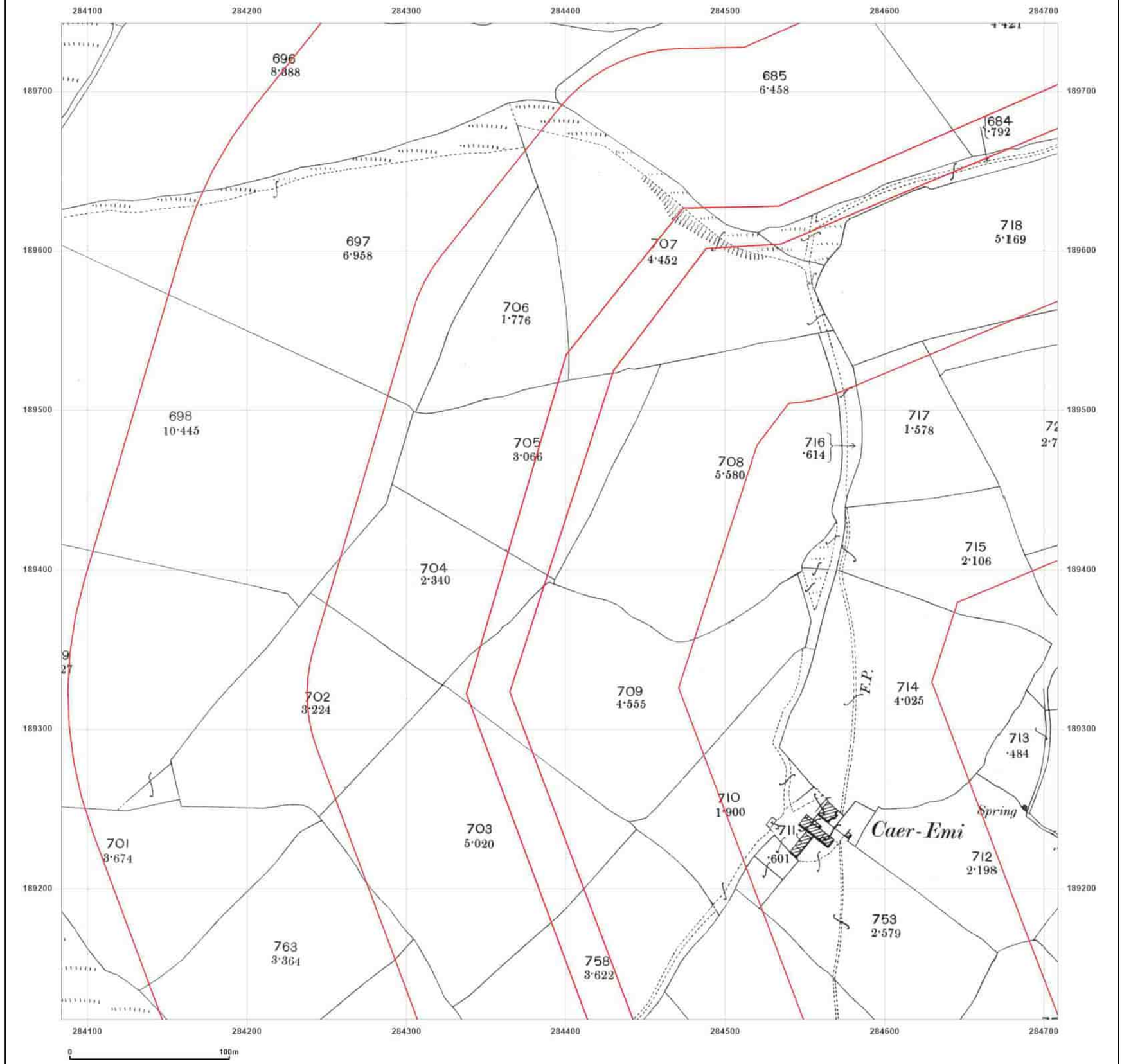
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_4
Grid Ref: 284396, 189430

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

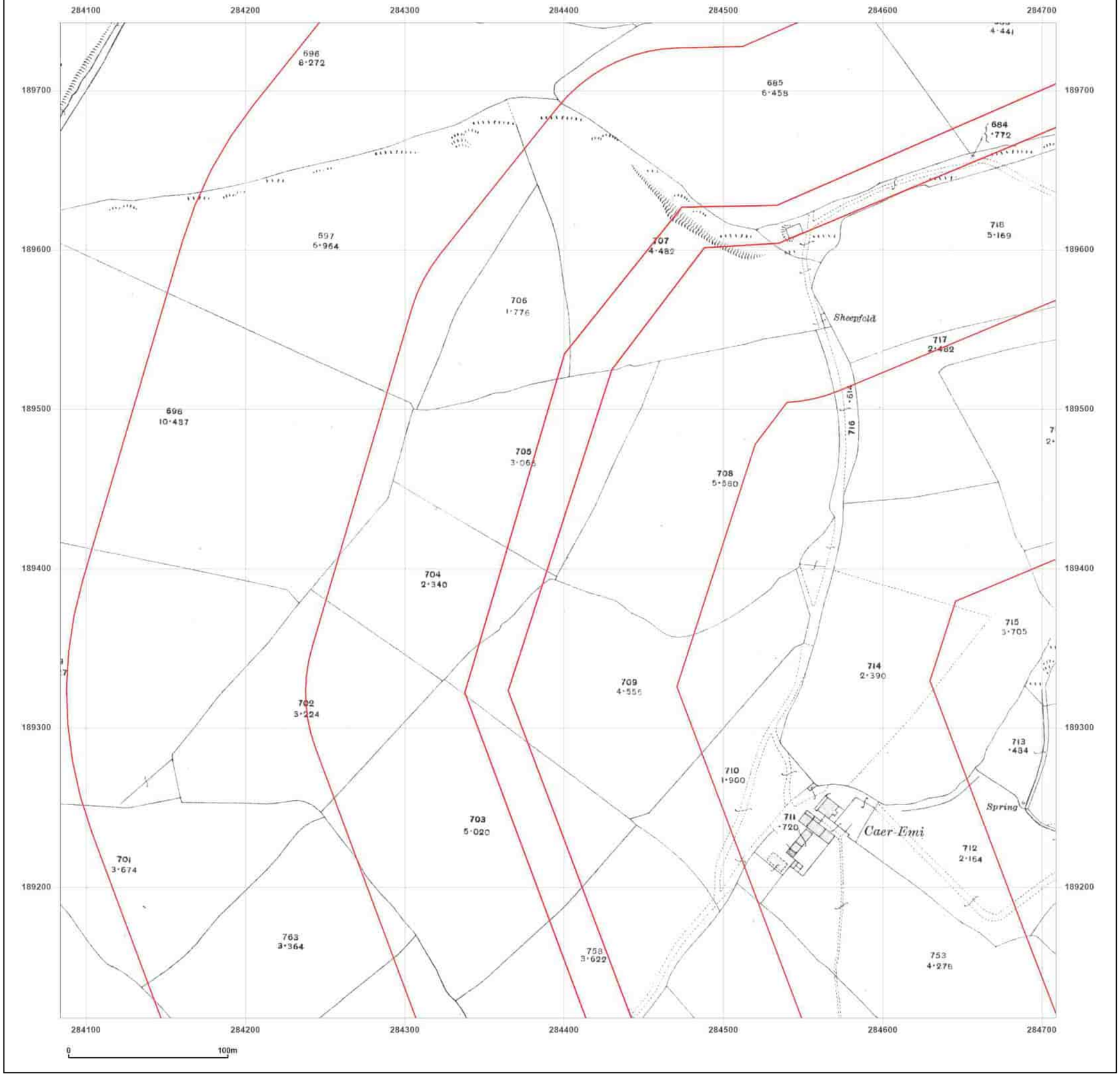
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_4
Grid Ref: 284396, 189430

Map Name: County Series

Map date: **1918**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

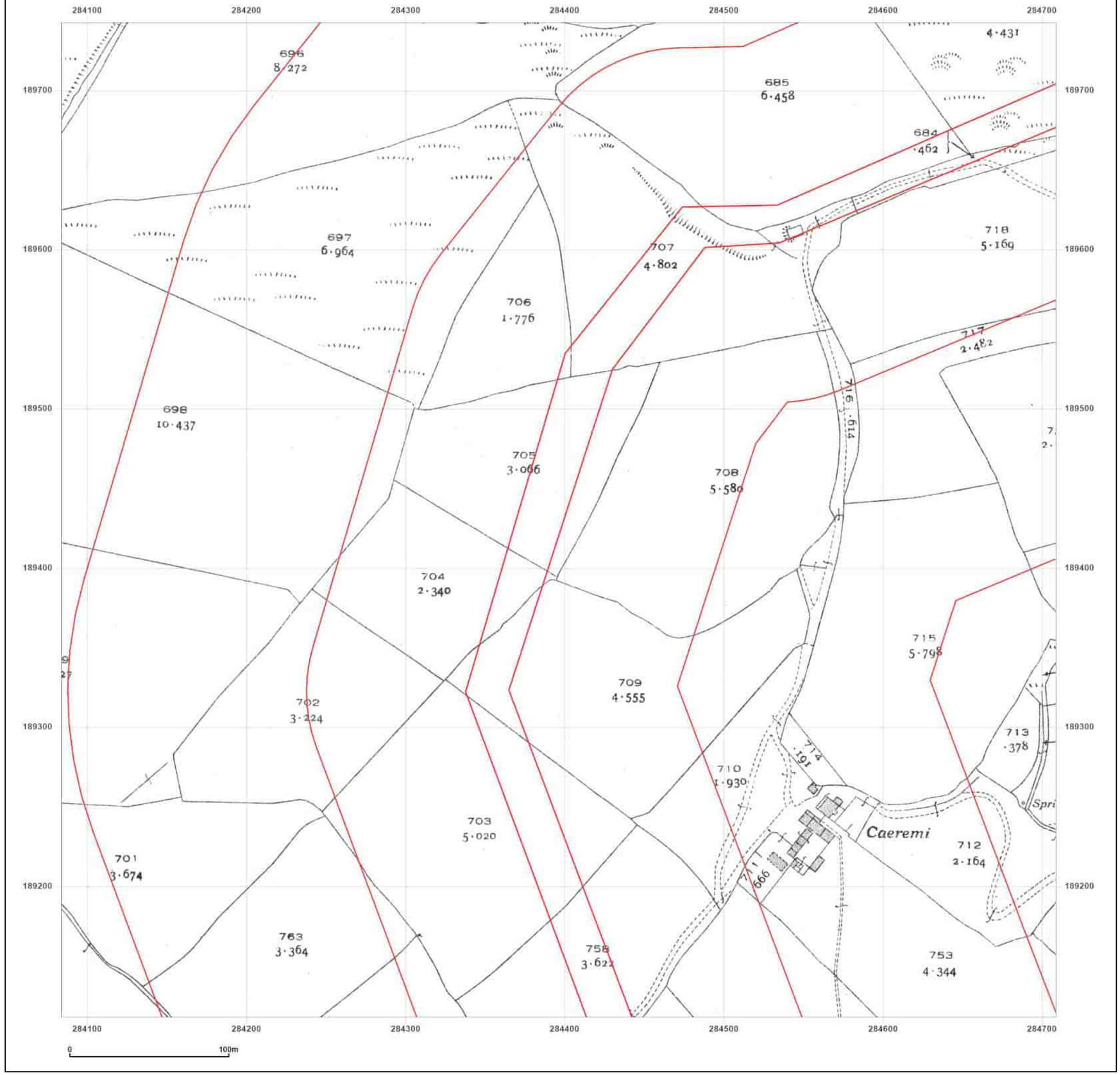
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_4
Grid Ref: 284396, 189430

Map Name: County Series

Map date: **1940**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

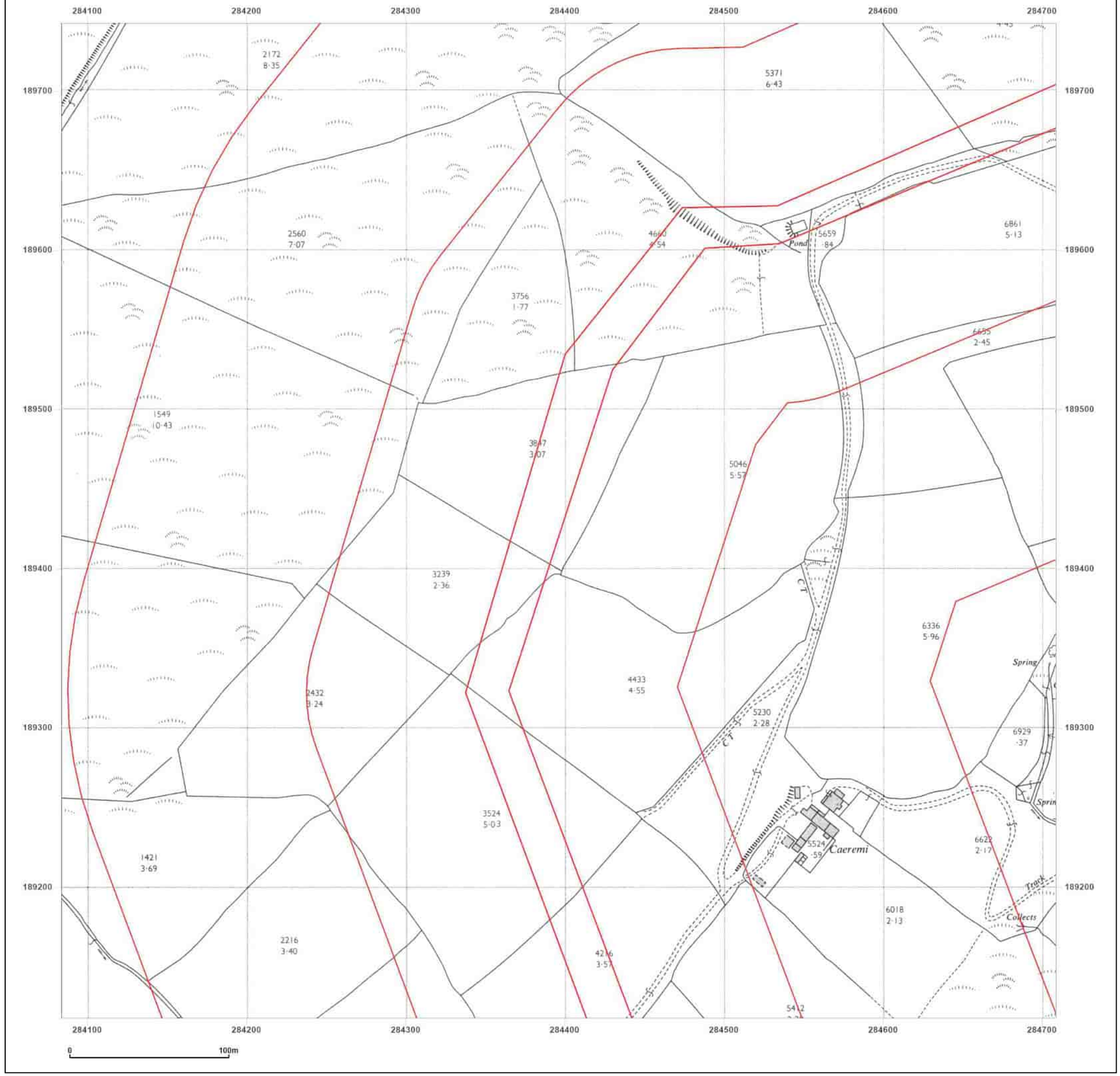
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_4
Grid Ref: 284396, 189430

Map Name: National Grid

Map date: **1964**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1962
Revised 1962
Edition N/A
Copyright 1964
Levelled 1957

Groundsure INSIGHTS

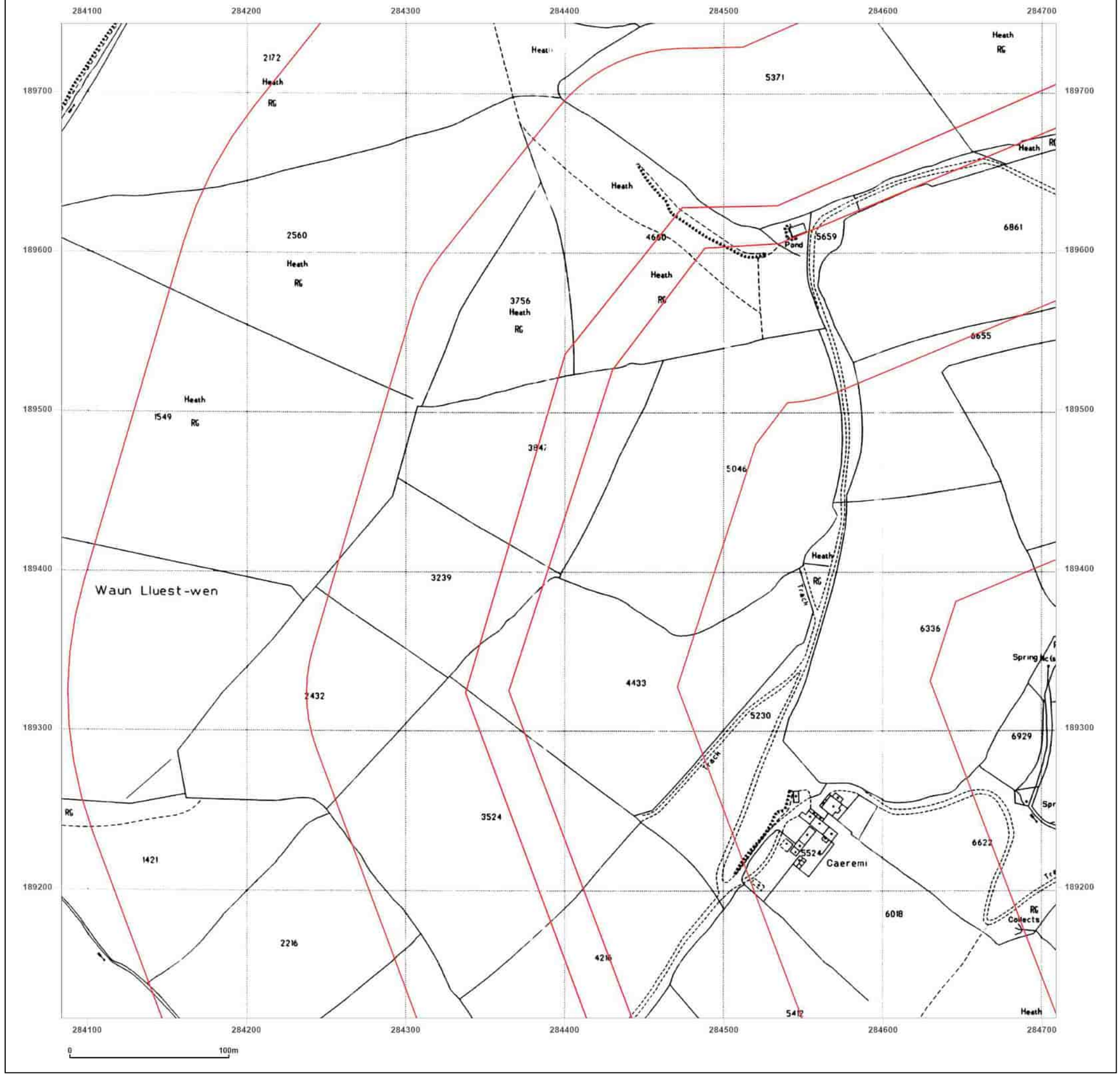
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_4
Grid Ref: 284396, 189430

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Groundsure INSIGHTS

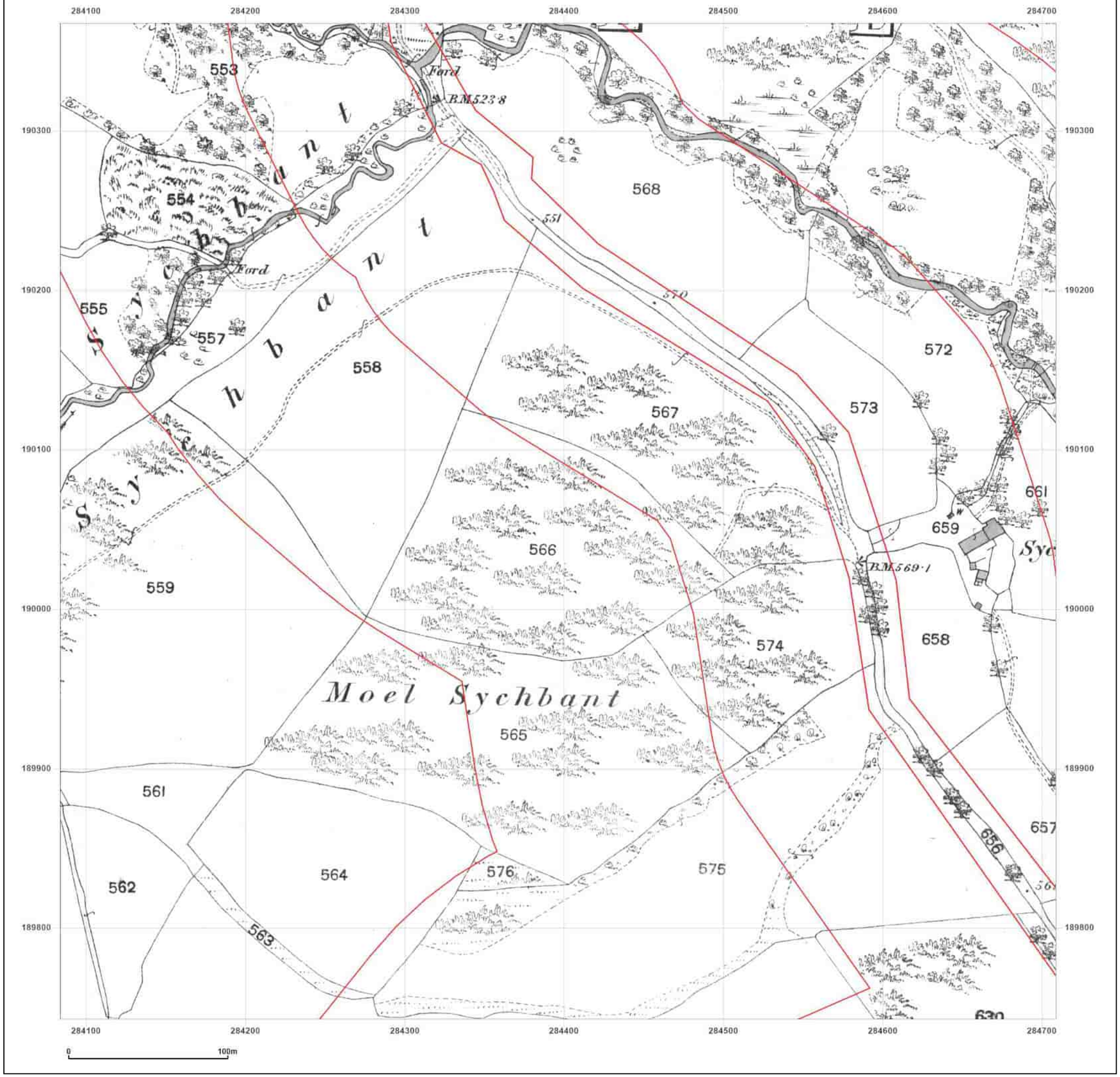
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_5
Grid Ref: 284396, 190055

Map Name: County Series

Map date: **1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

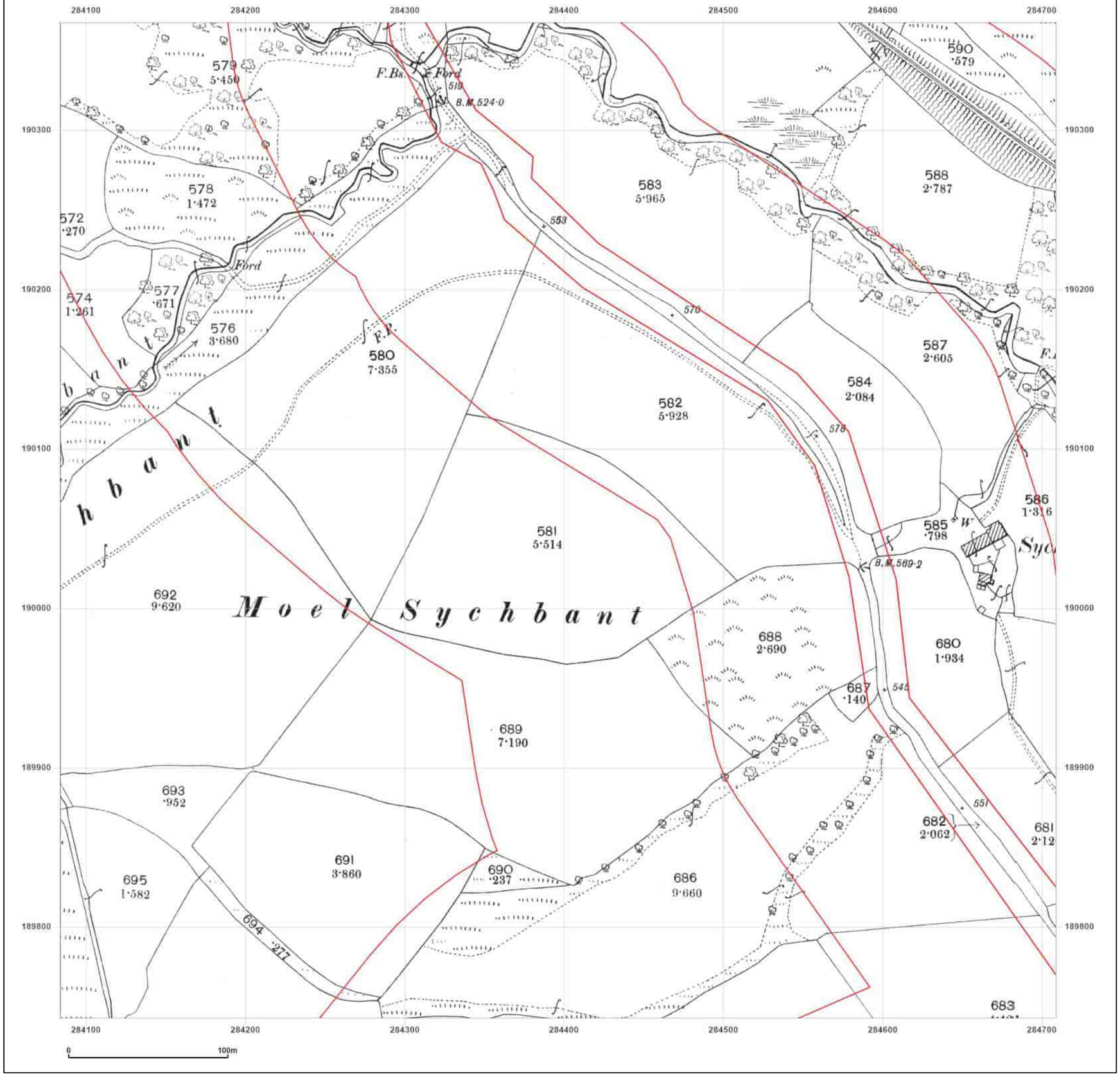
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_5
Grid Ref: 284396, 190055

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

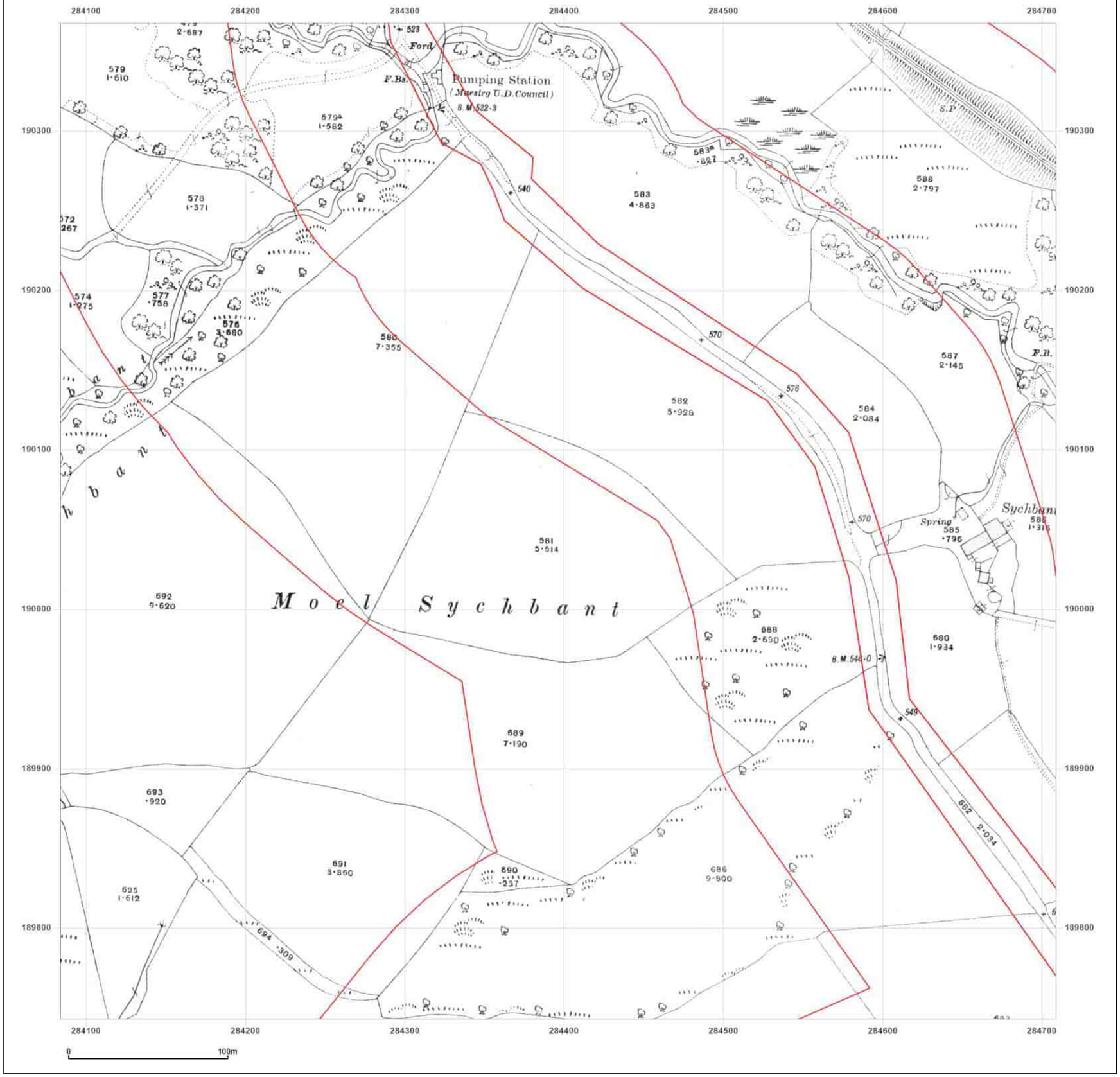
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_5
Grid Ref: 284396, 190055

Map Name: County Series

Map date: **1918**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

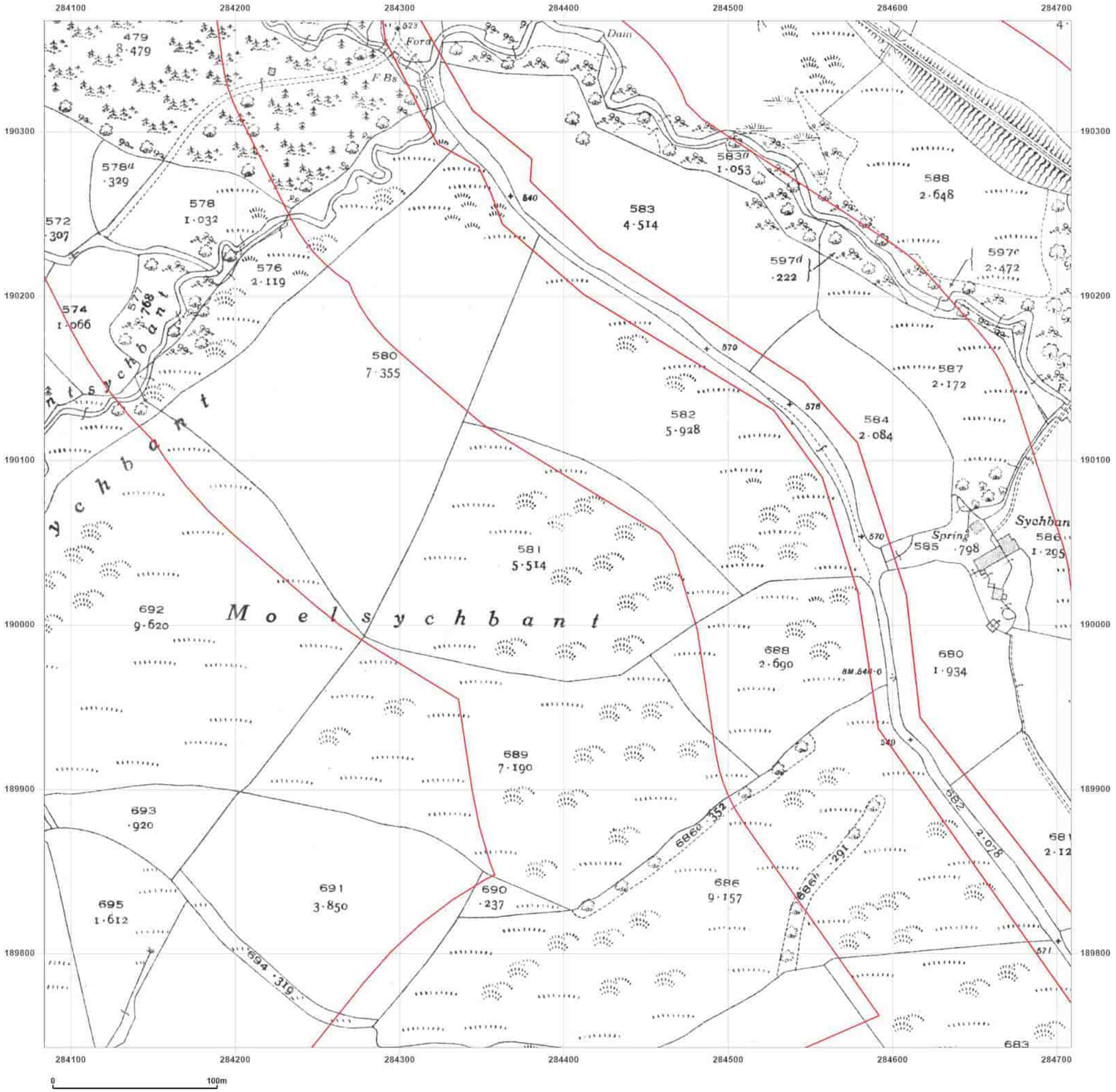
Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_5
Grid Ref: 284396, 190055

Map Name: County Series

Map date: **1940**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

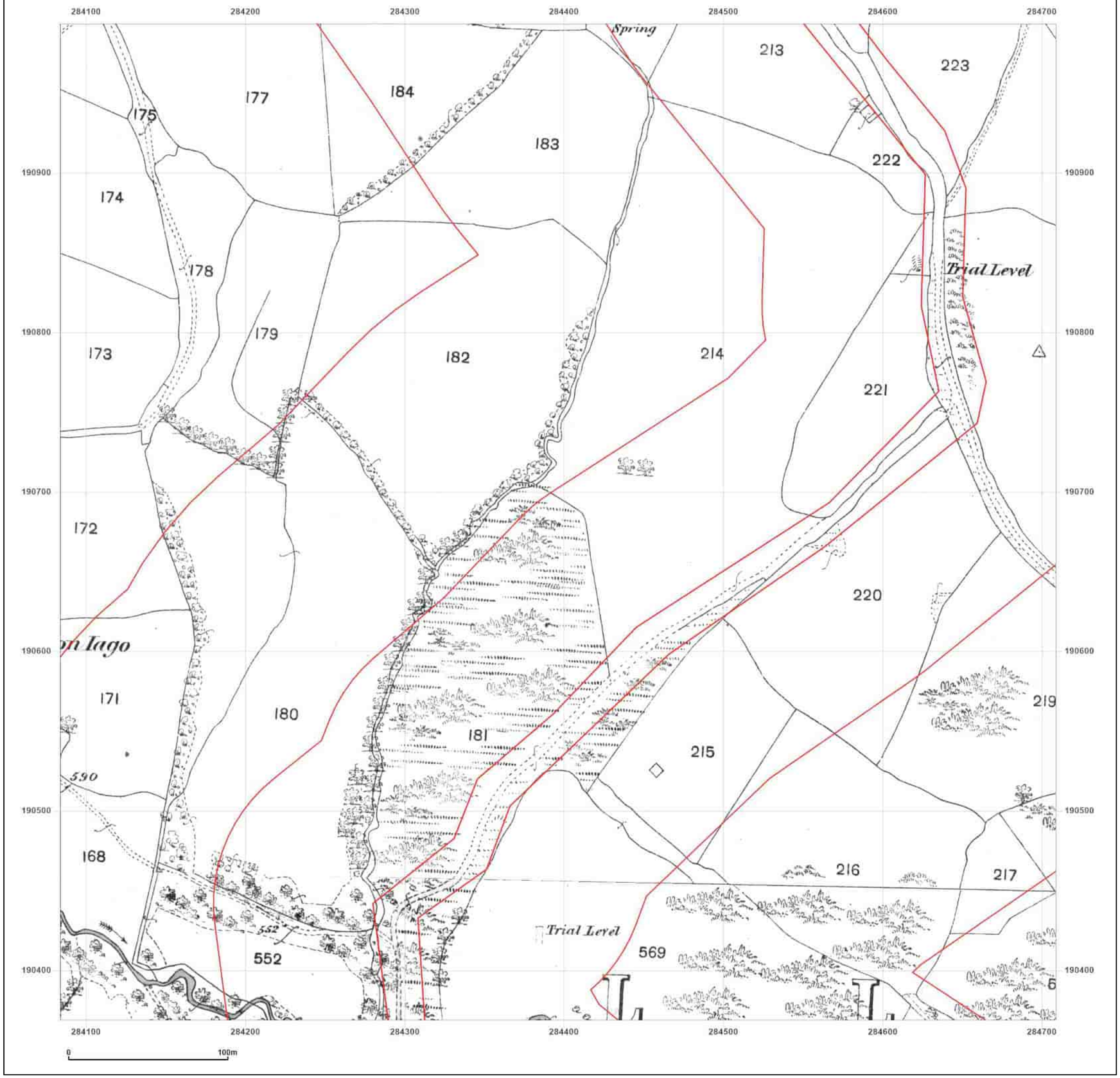
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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_6
Grid Ref: 284396, 190681

Map Name: County Series

Map date: **1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

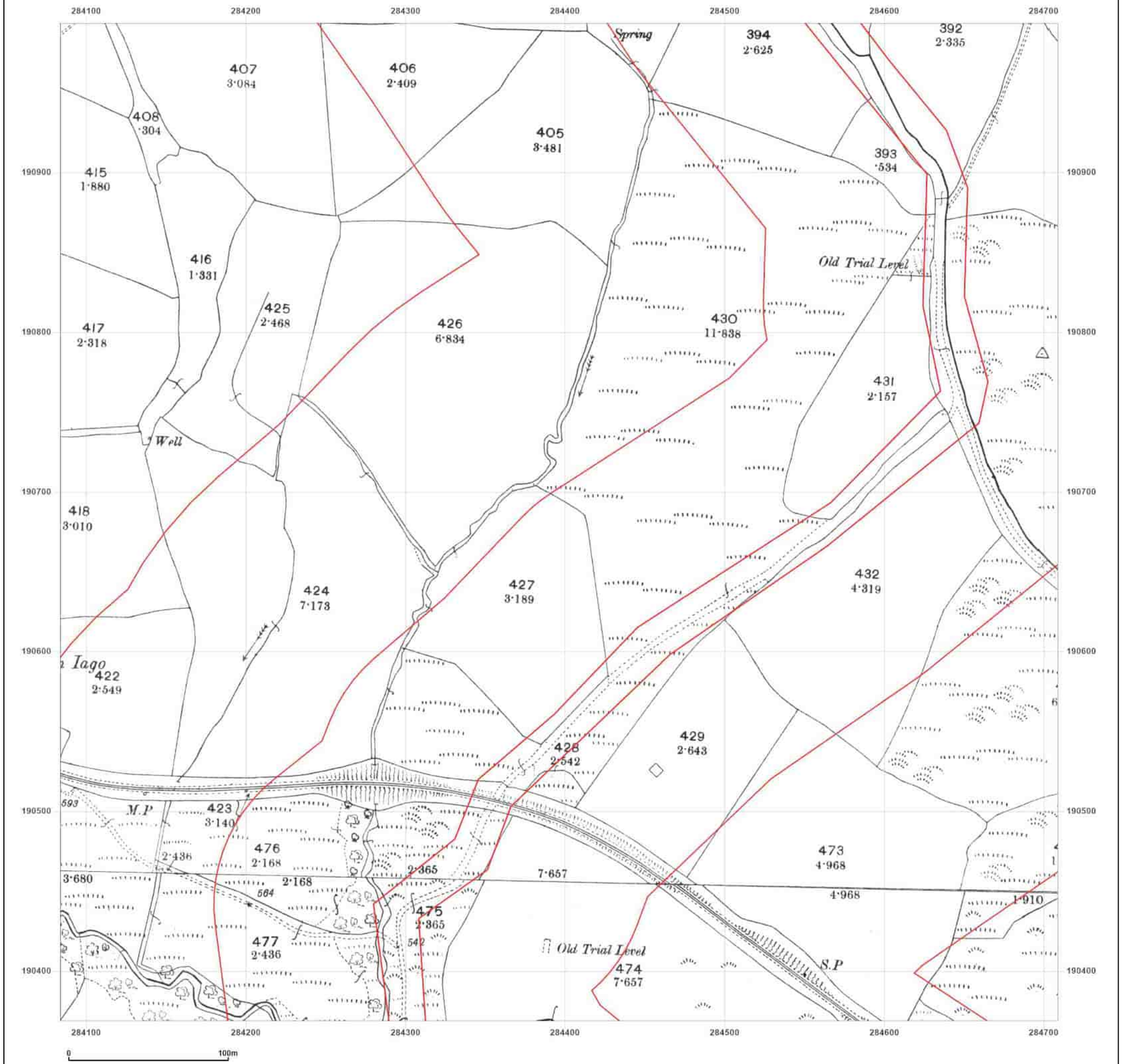
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WSP

Site Details:

FTN boundary

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Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_6
Grid Ref: 284396, 190681

Map Name: County Series

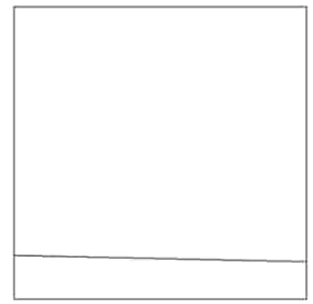
Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

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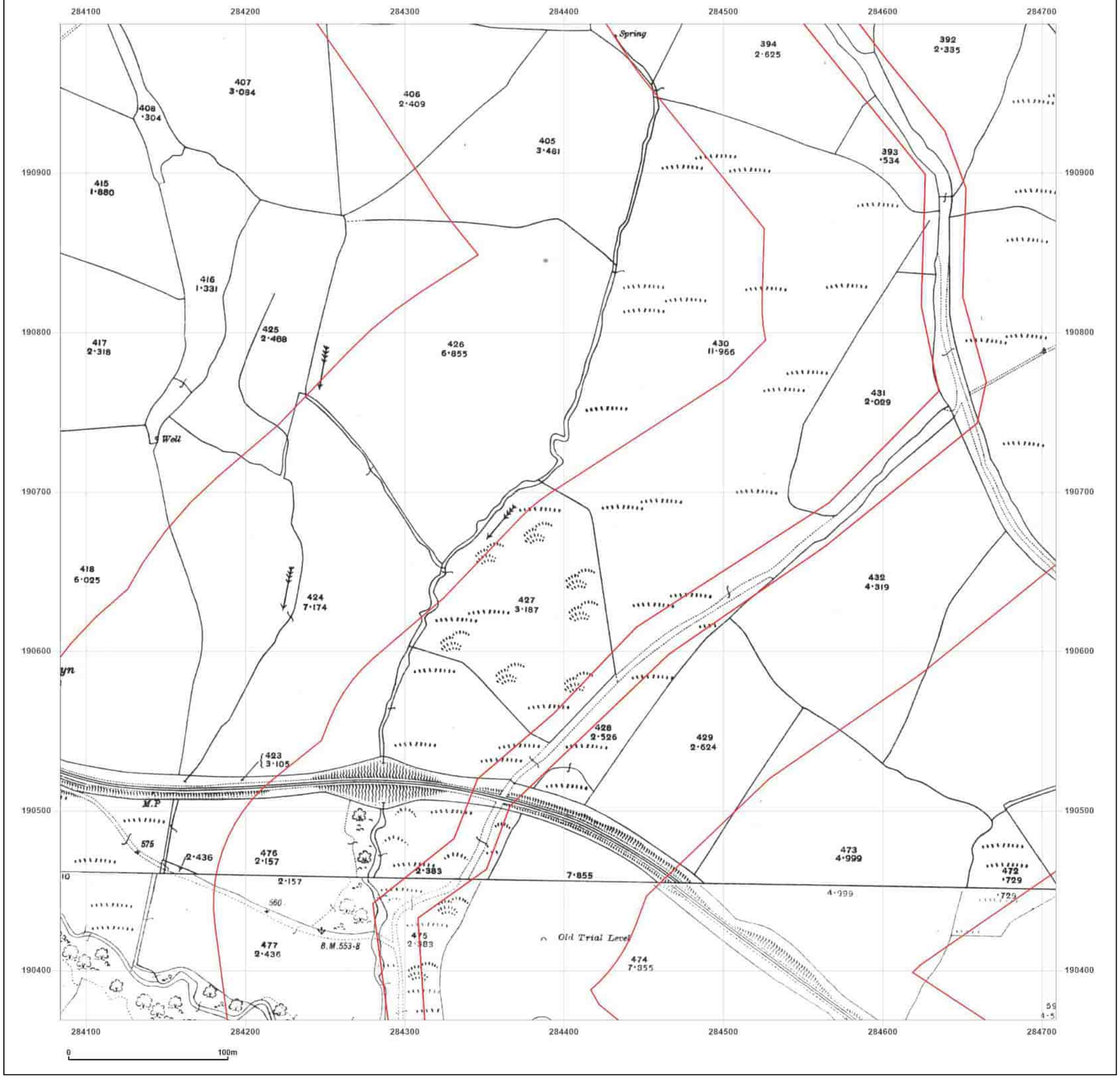
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_6
Grid Ref: 284396, 190681

Map Name: County Series

Map date: **1918-1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

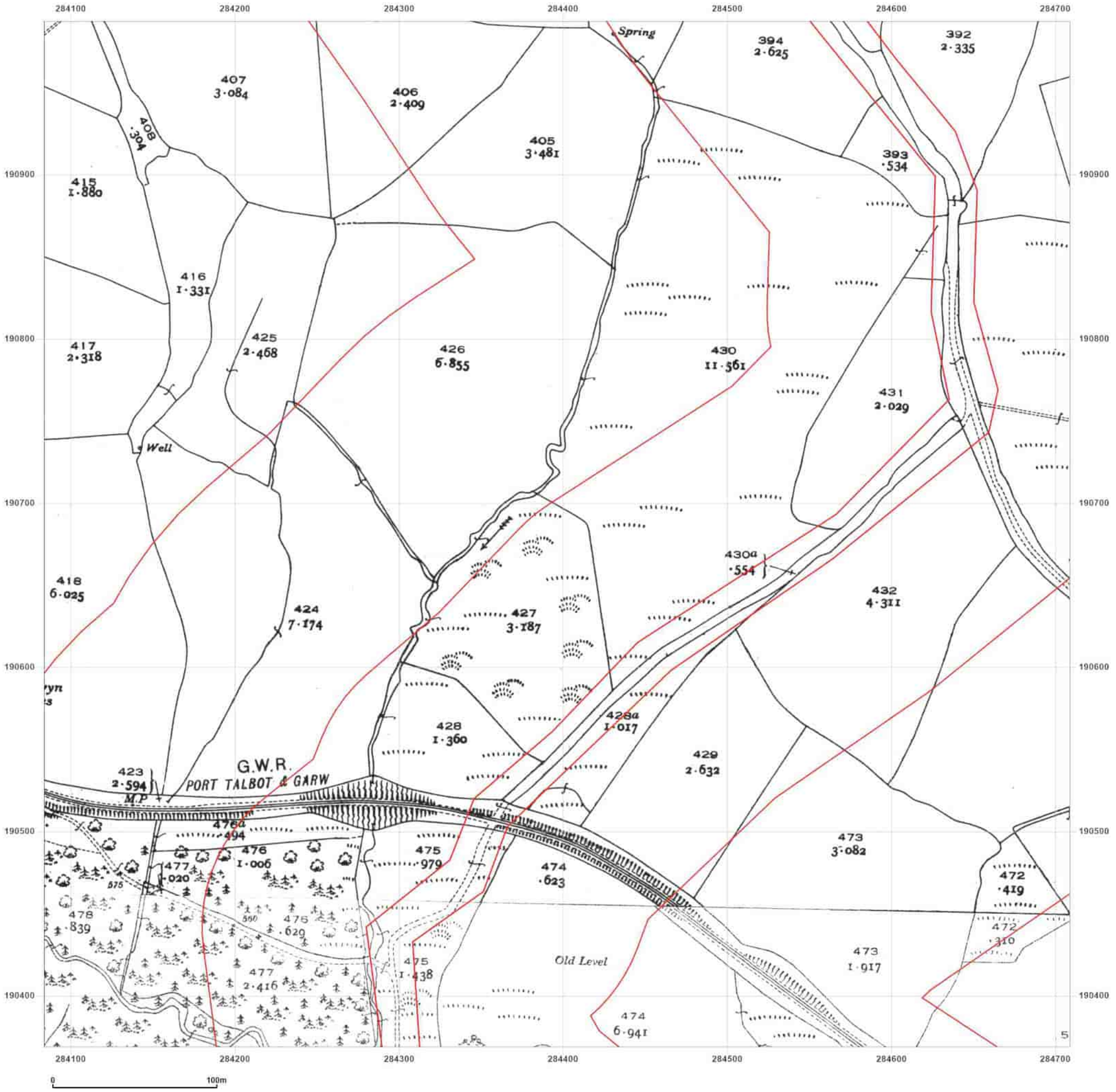
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_6
Grid Ref: 284396, 190681

Map Name: County Series

Map date: **1939-1940**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1939
Revised 1939
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

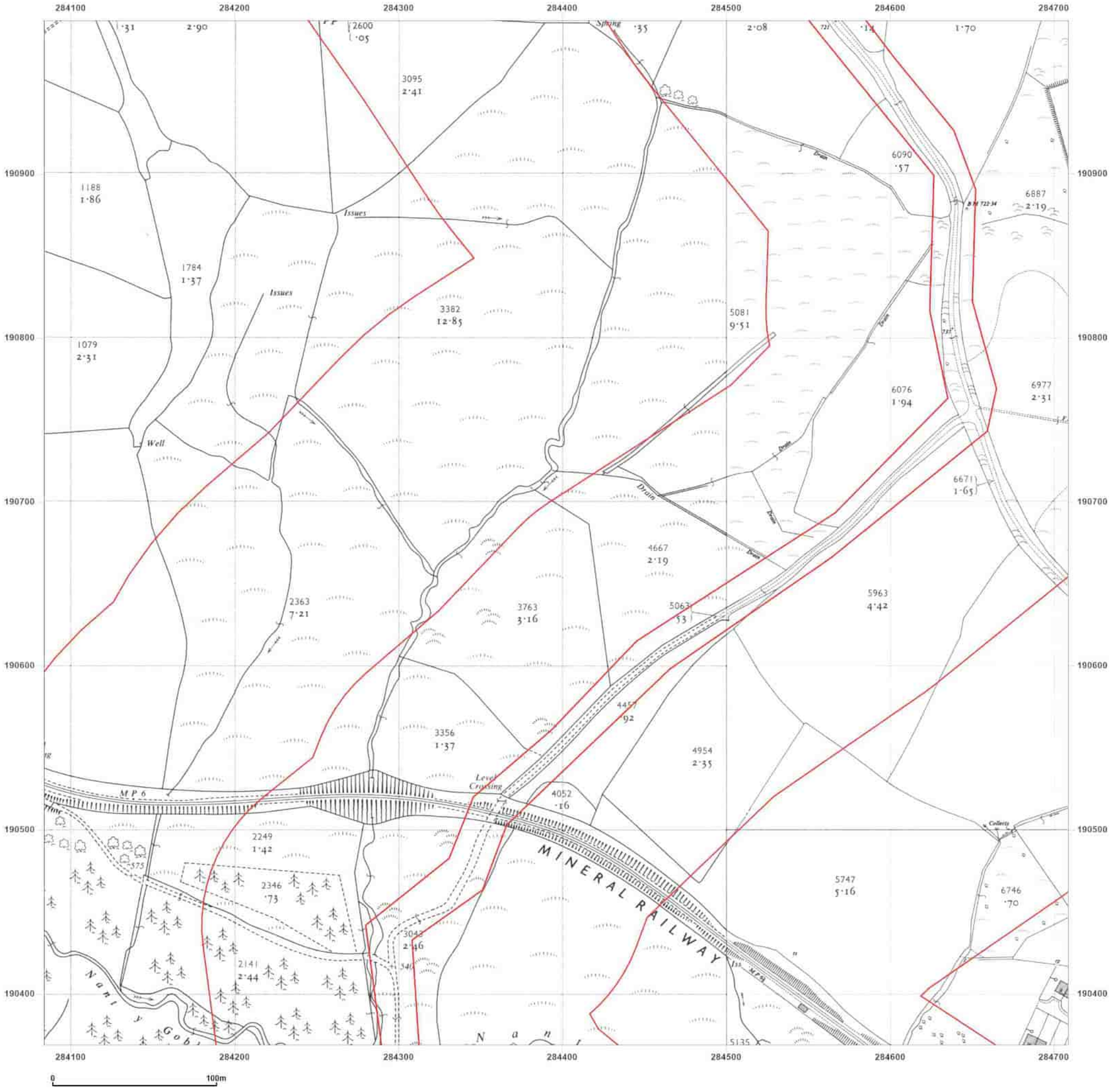
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_6
Grid Ref: 284396, 190681

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition 1962
Copyright 1962
Levelled 1957

Groundsure INSIGHTS

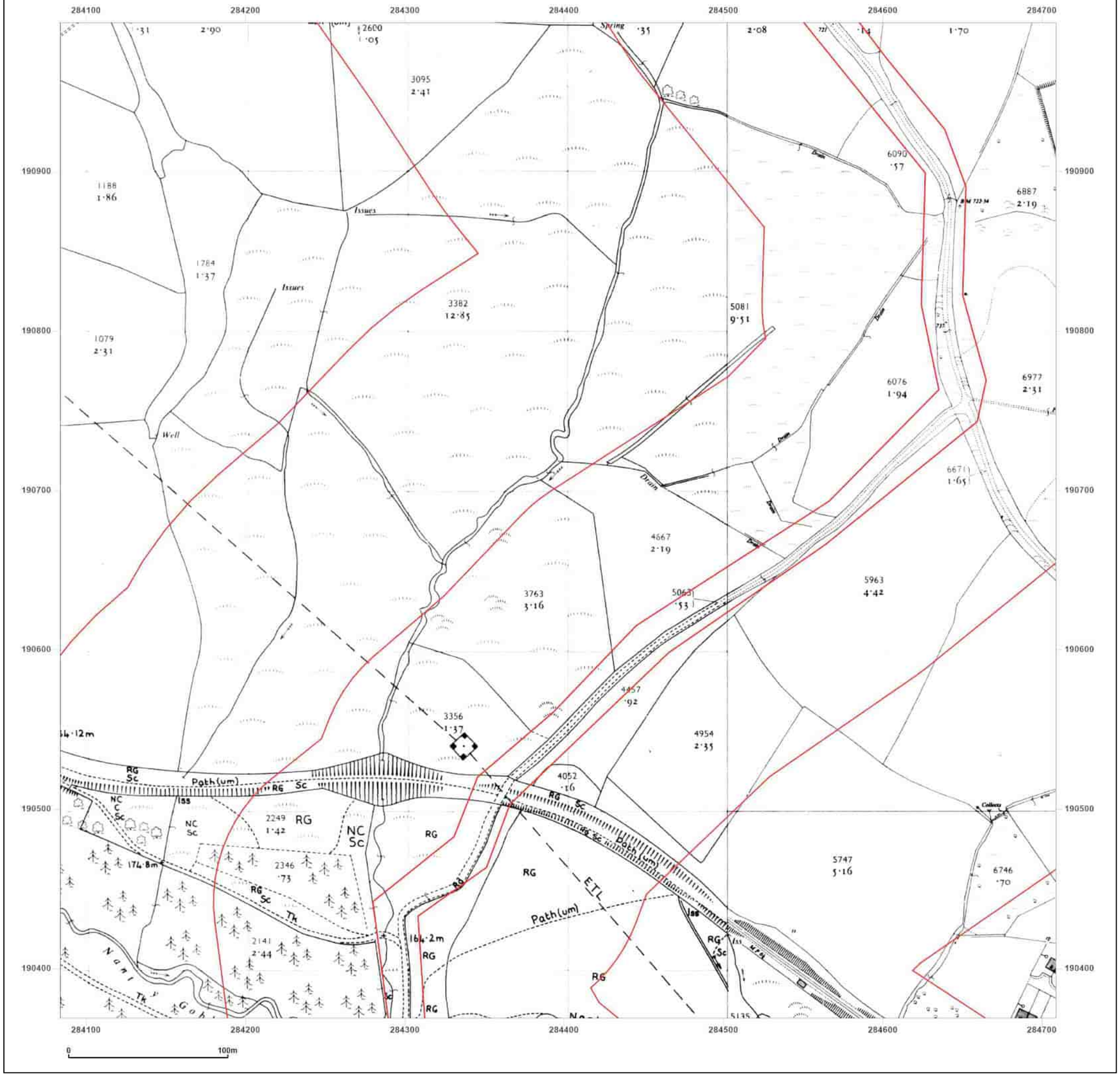
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_6
Grid Ref: 284396, 190681

Map Name: National Grid

Map date: **1986**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1964
Revised 1986
Edition N/A
Copyright 1986
Levelled 1964

Groundsure INSIGHTS

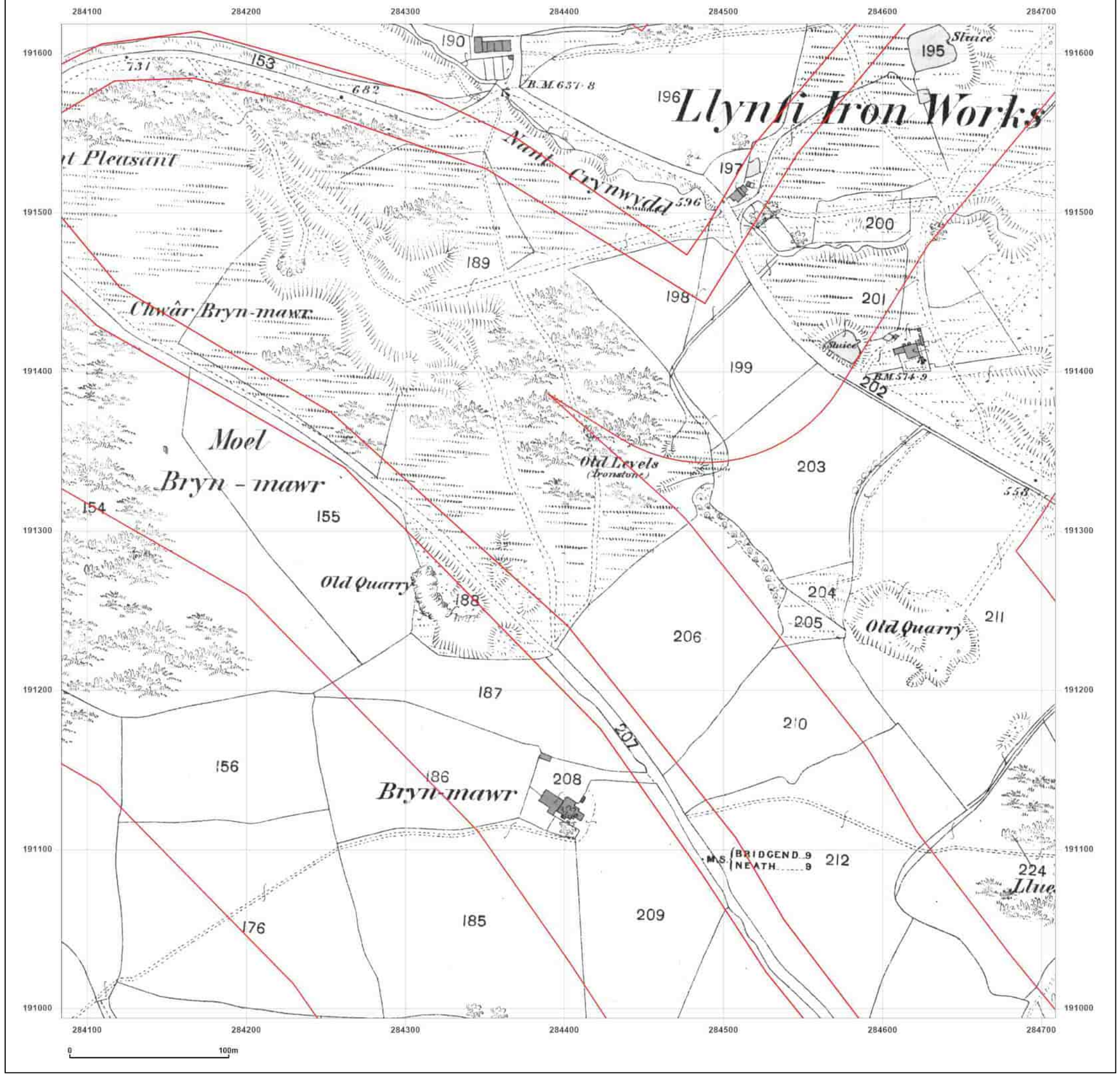
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_7
Grid Ref: 284396, 191306

Map Name: County Series

Map date: **1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

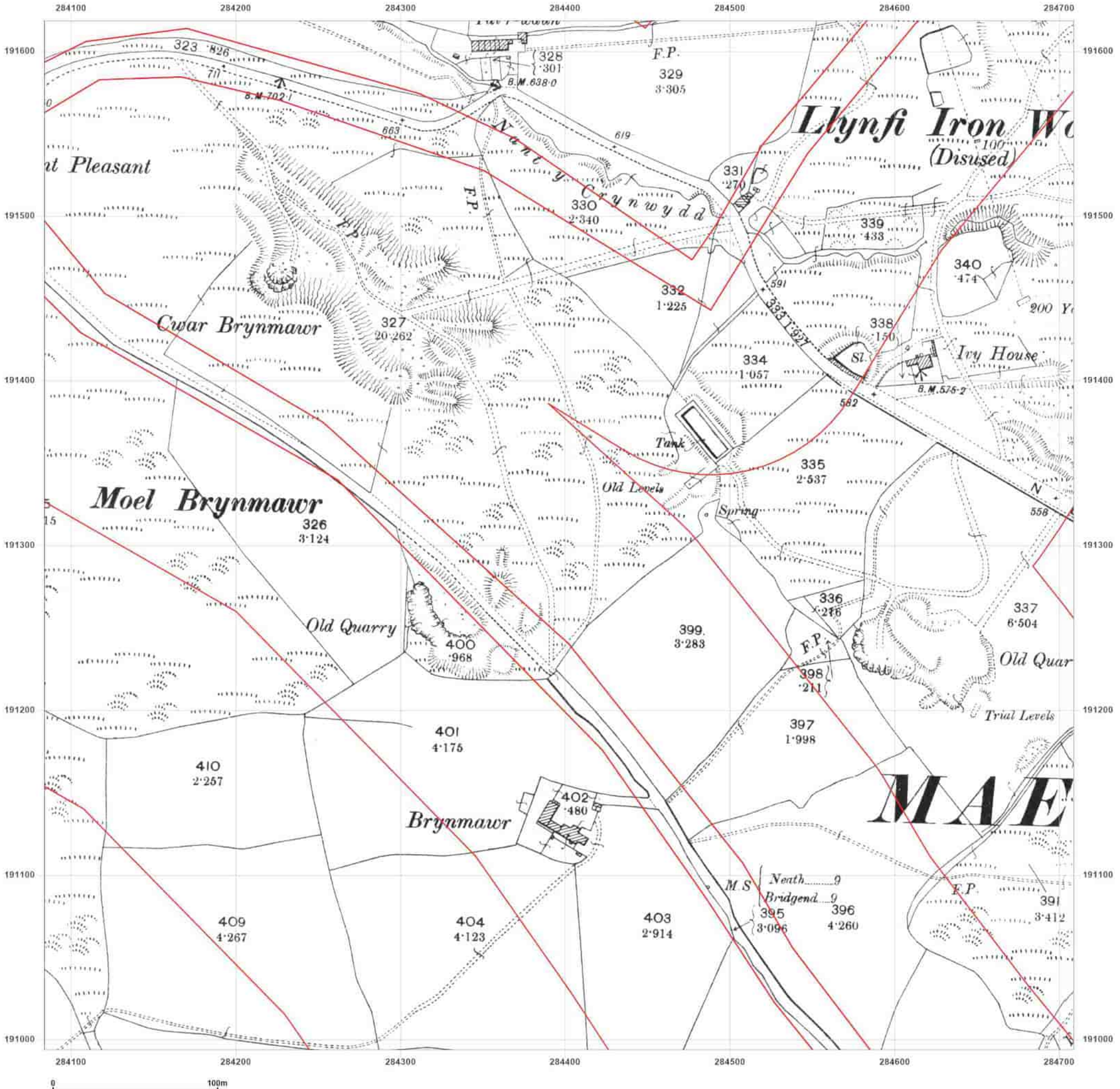
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_7
Grid Ref: 284396, 191306

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

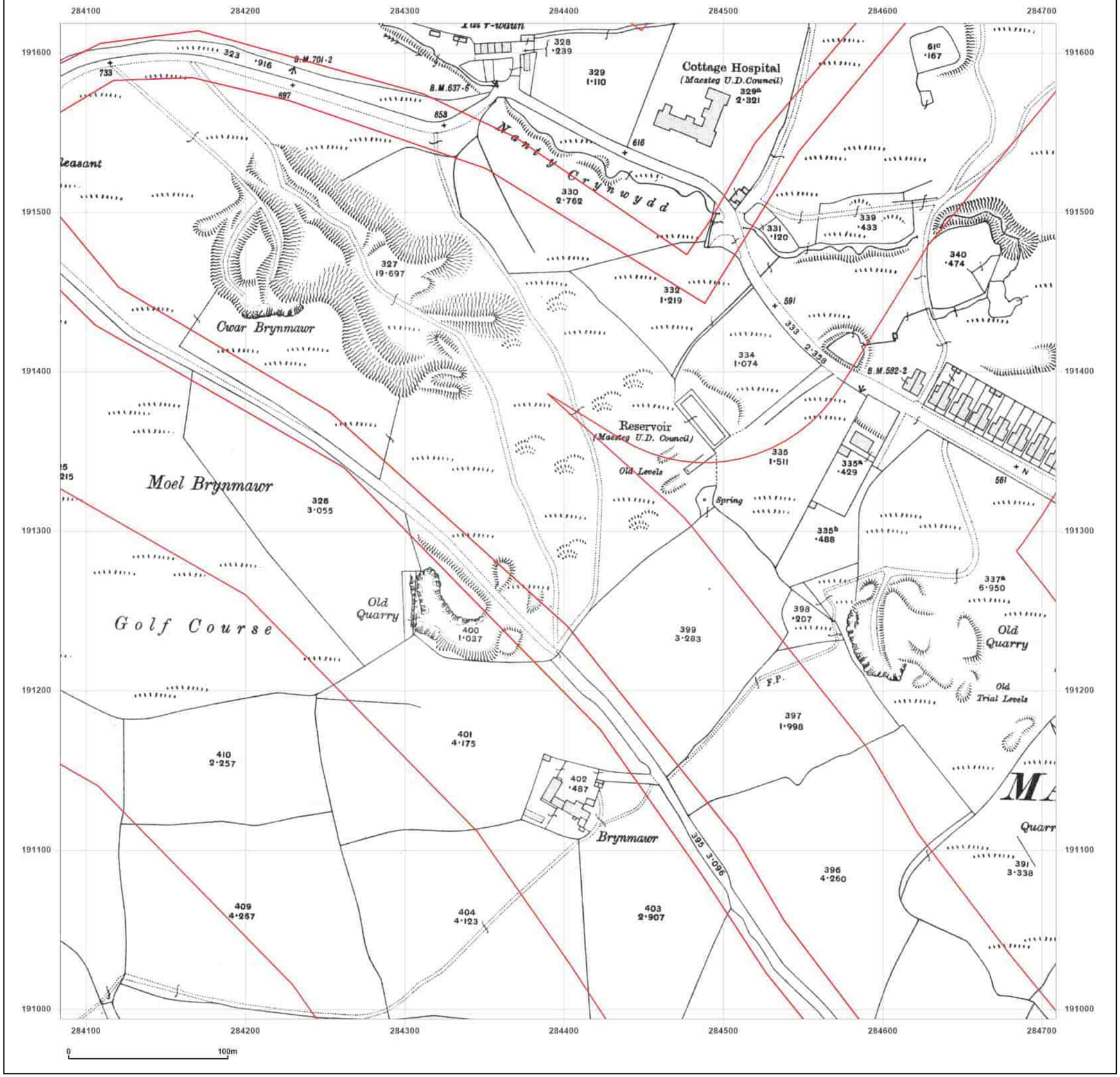
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_7
Grid Ref: 284396, 191306

Map Name: County Series

Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

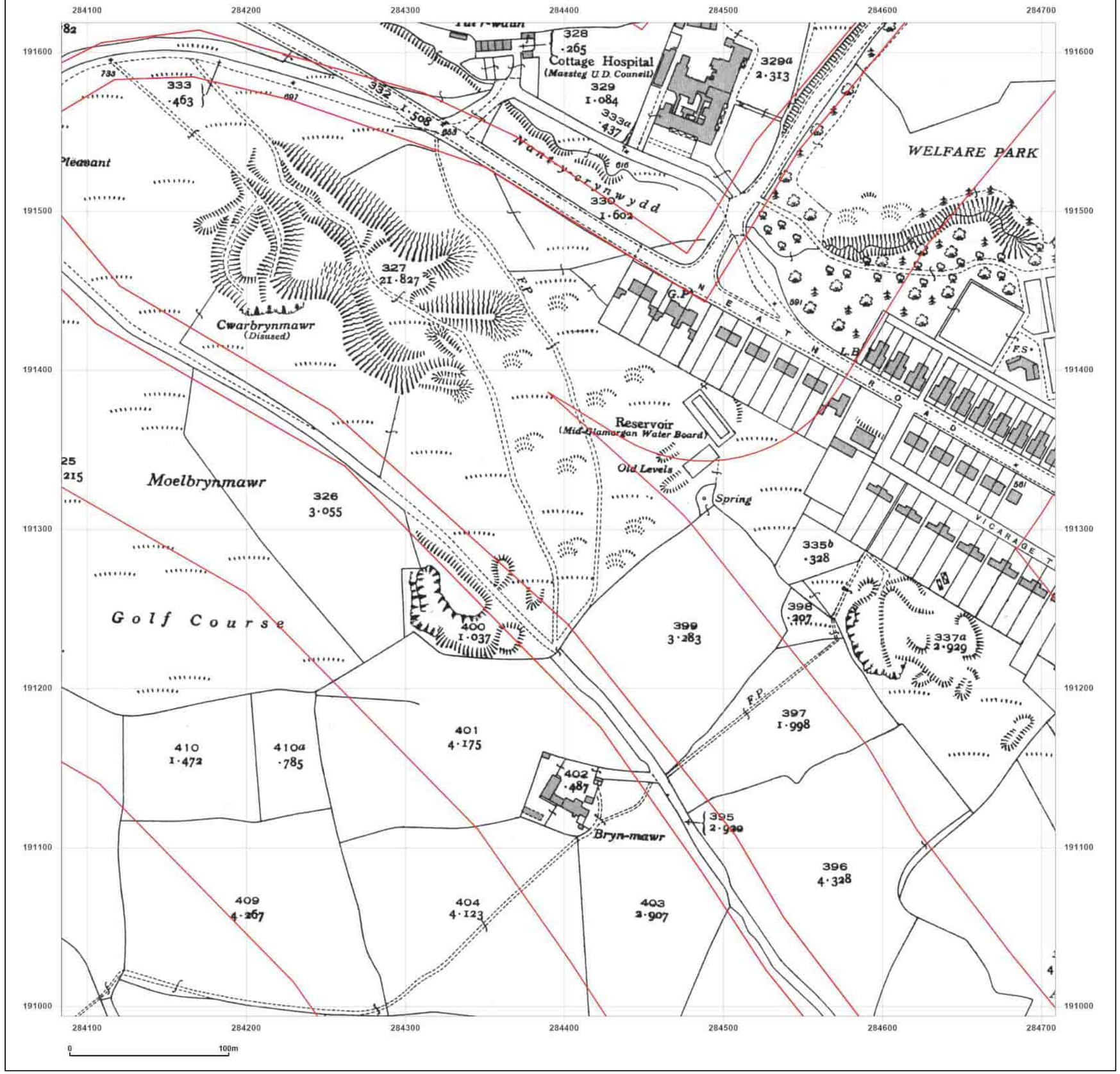
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_7
Grid Ref: 284396, 191306

Map Name: County Series

Map date: **1939**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1939
Revised 1939
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

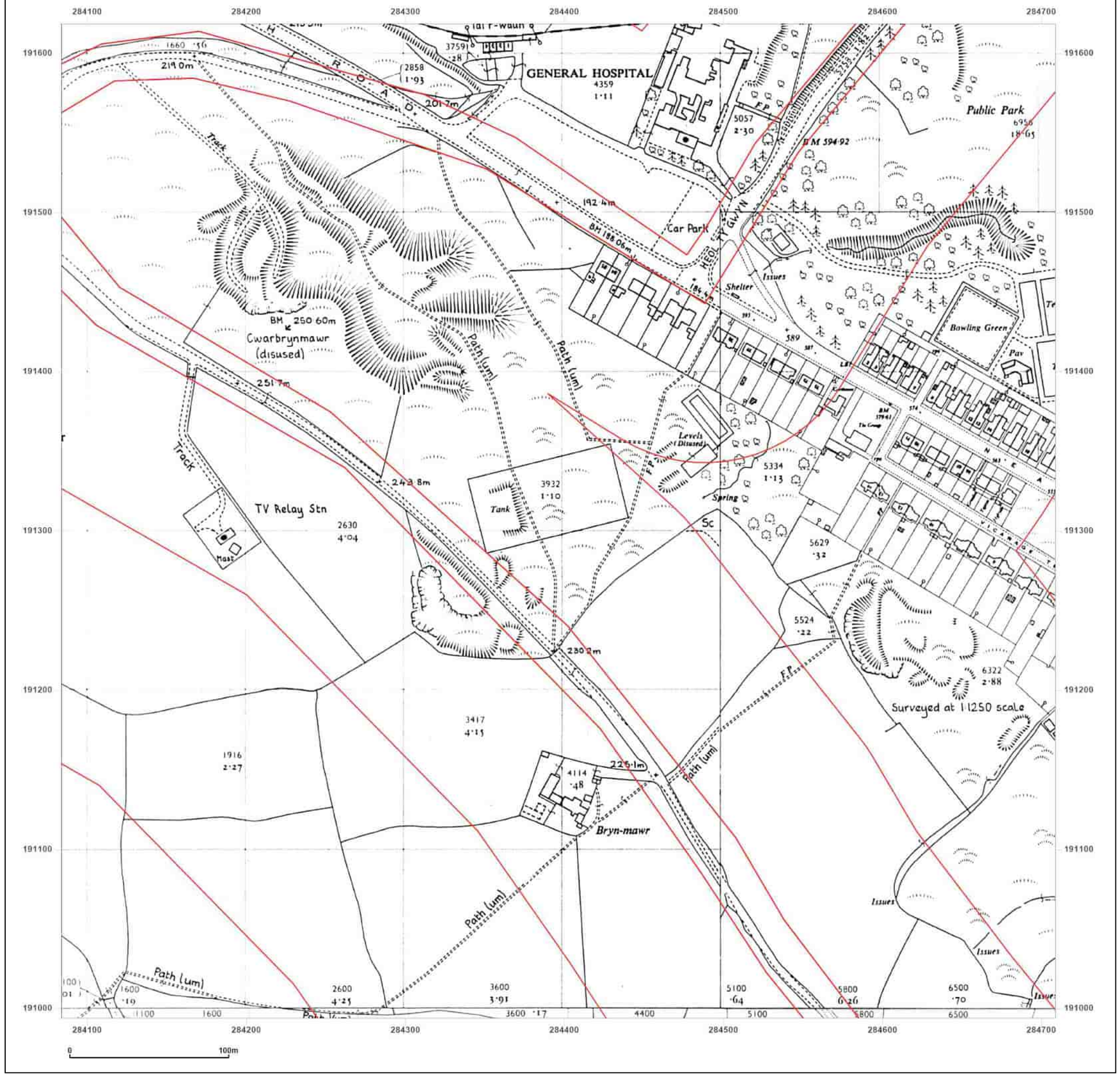
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_7
Grid Ref: 284396, 191306

Map Name: National Grid

Map date: **1986-1987**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1963
Revised 1987
Edition N/A
Copyright 1987
Levelled 1963

Surveyed 1964
Revised 1986
Edition N/A
Copyright 1986
Levelled 1964

Groundsure INSIGHTS

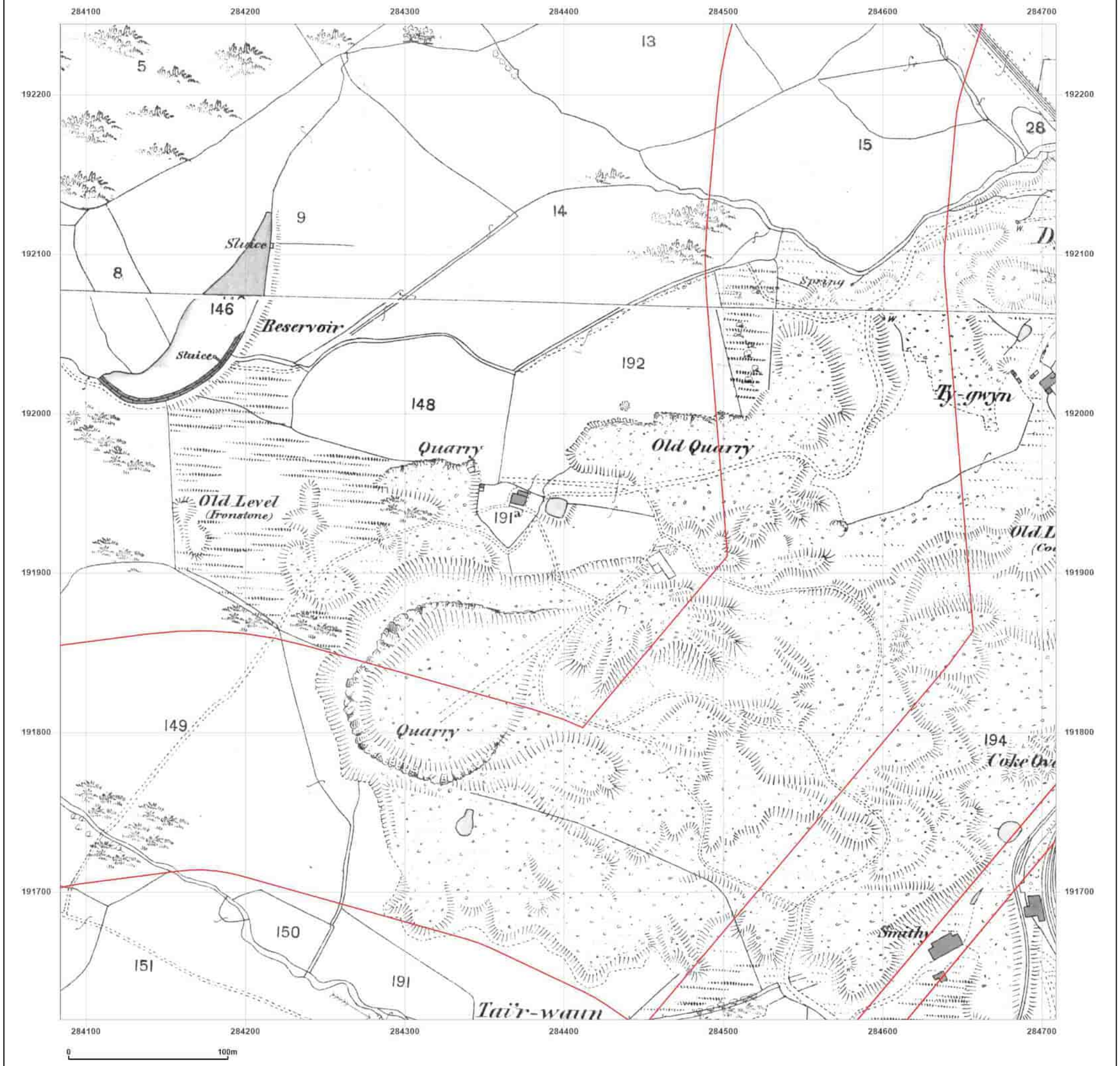
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_8
Grid Ref: 284396, 191932

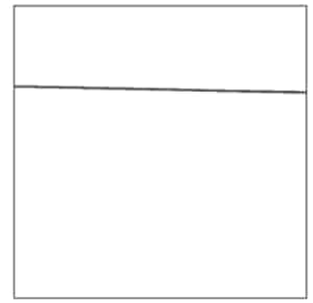
Map Name: County Series

Map date: **1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

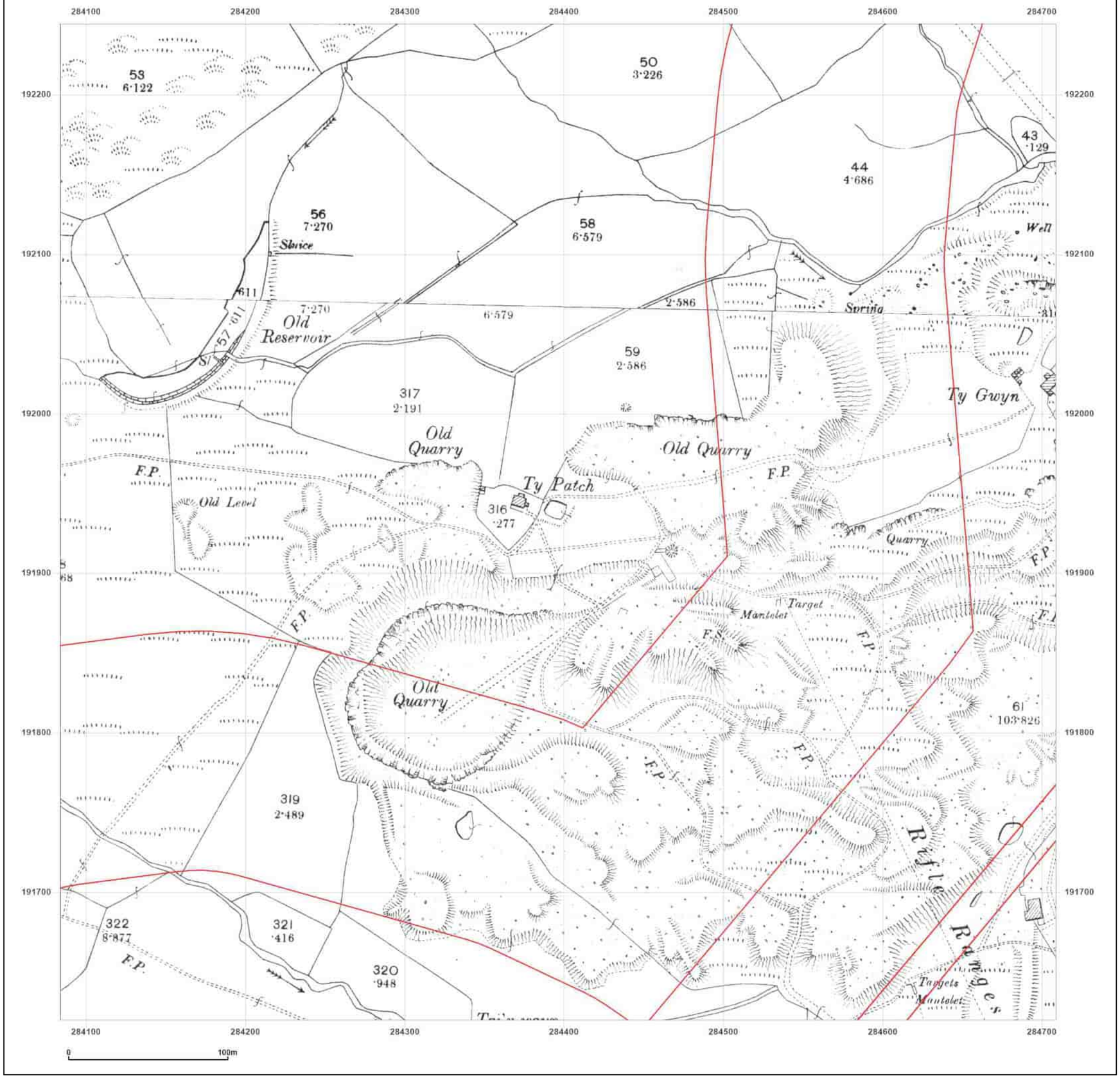
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_8
Grid Ref: 284396, 191932

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

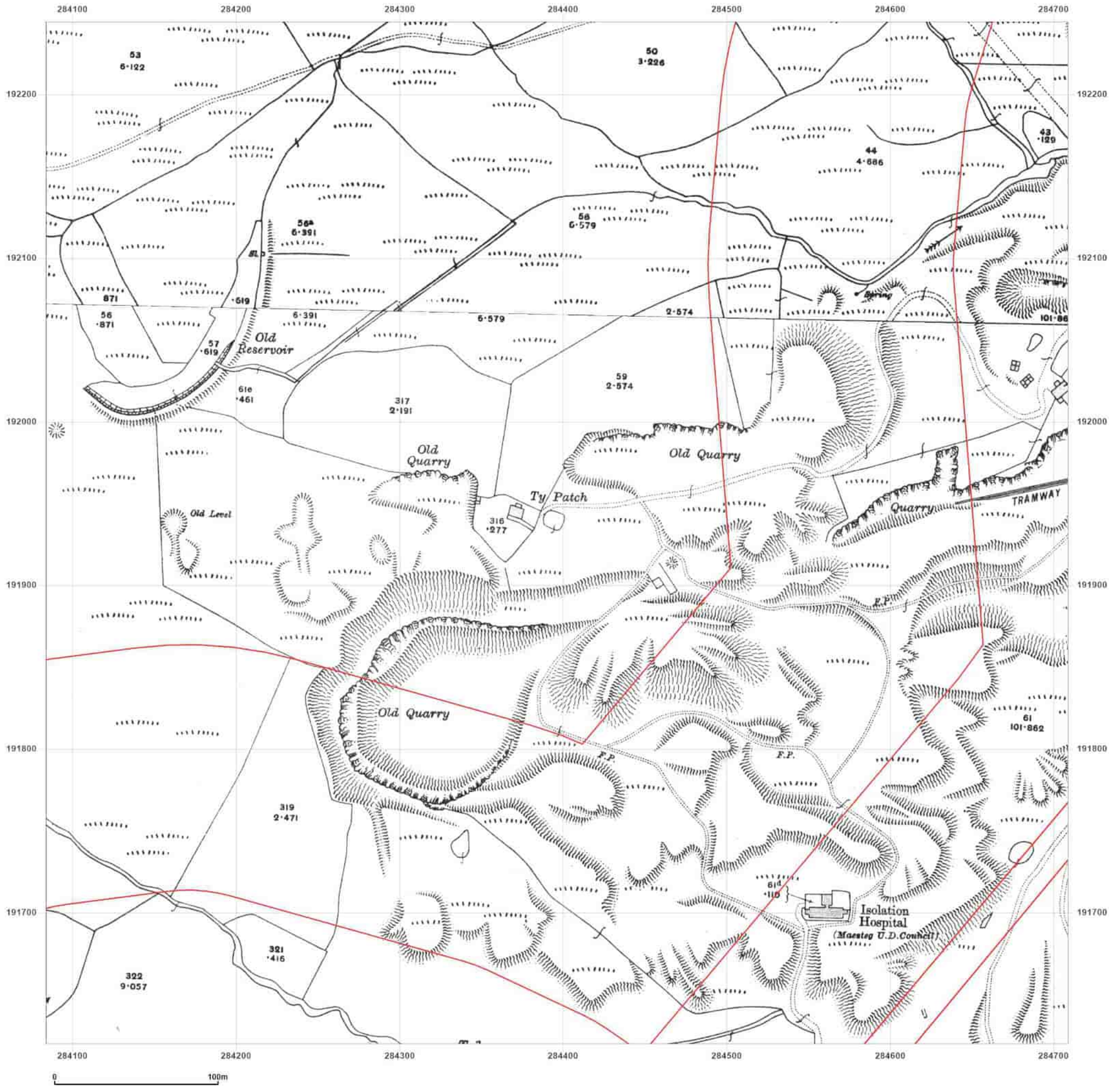
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Site Details:

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Grid Ref: 284396, 191932

Map Name: County Series

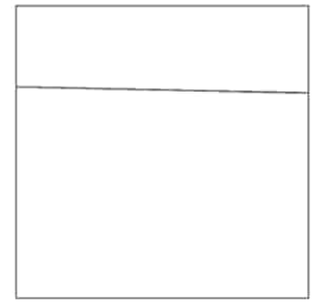
Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

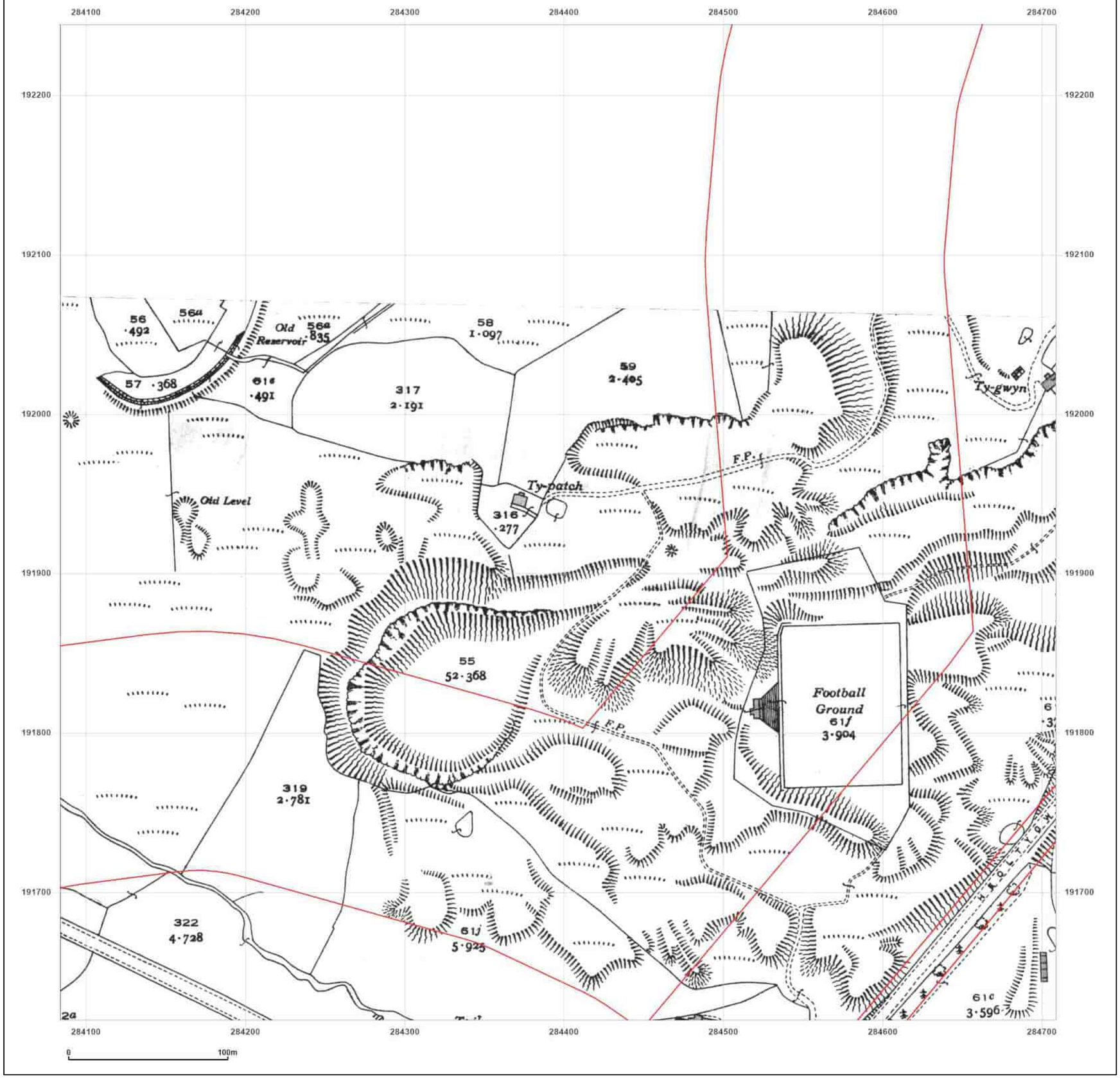
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Site Details:

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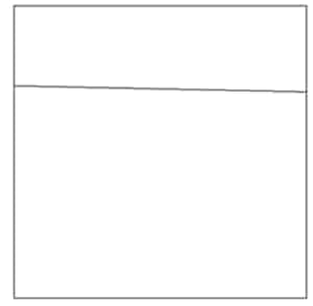
Map Name: County Series

Map date: **1939**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



Surveyed 1939
Revised 1939
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

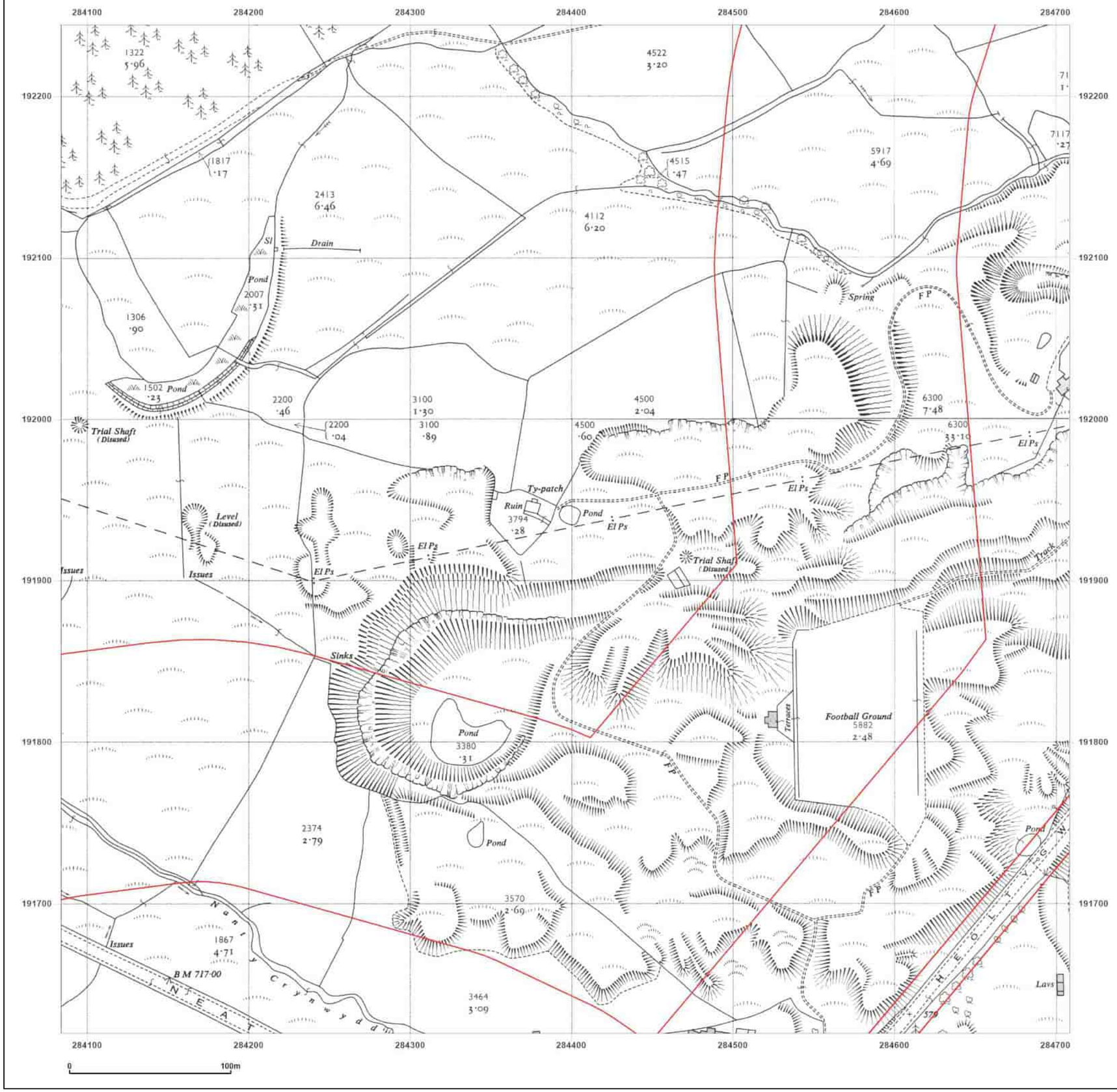
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_8
Grid Ref: 284396, 191932

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition 1962
Copyright 1962
Levelled 1957

Surveyed 1961
Revised 1961
Edition 1962
Copyright 1962
Levelled 1957

Groundsure INSIGHTS

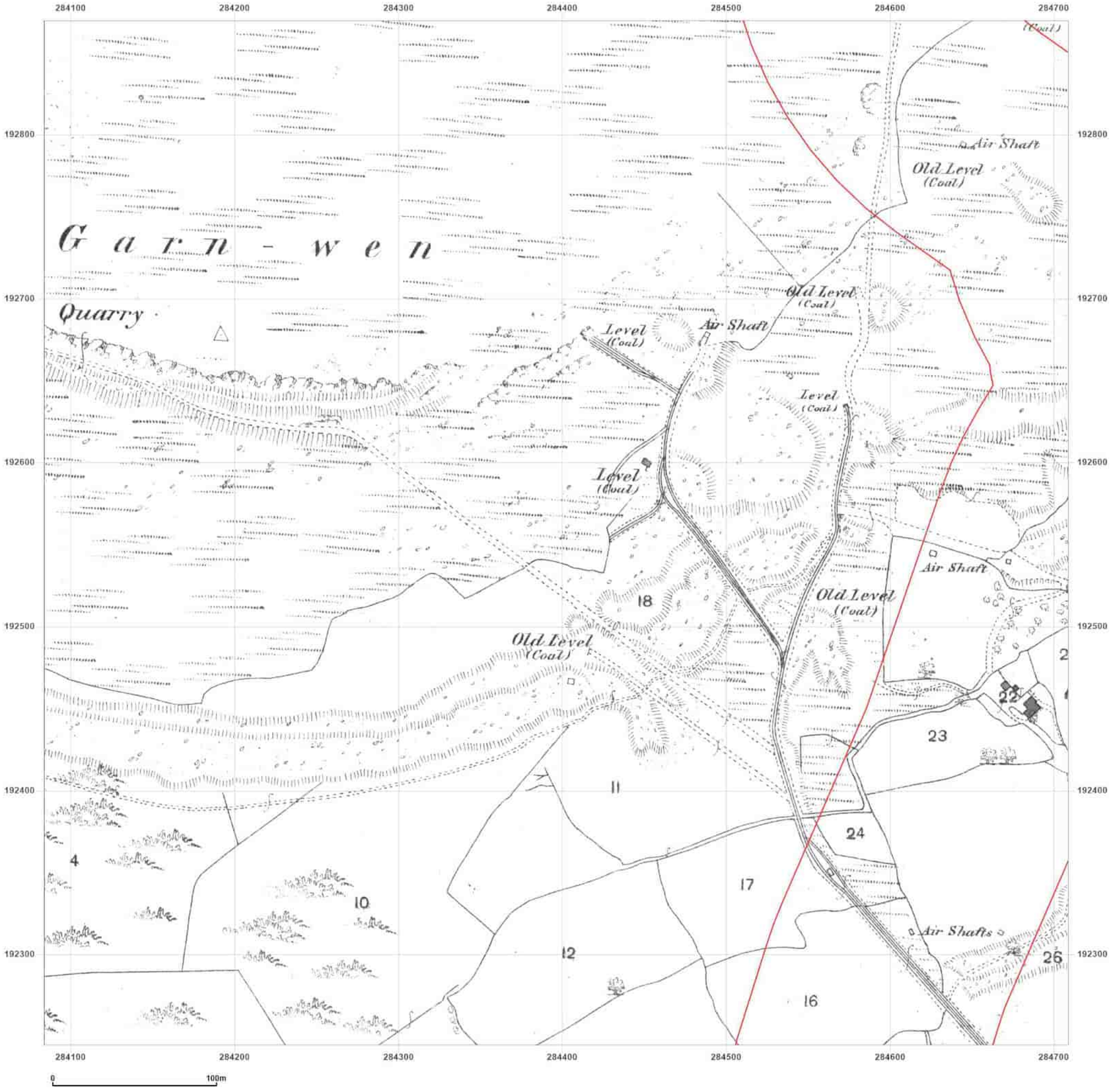
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_9
Grid Ref: 284396, 192557

Map Name: County Series

Map date: **1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

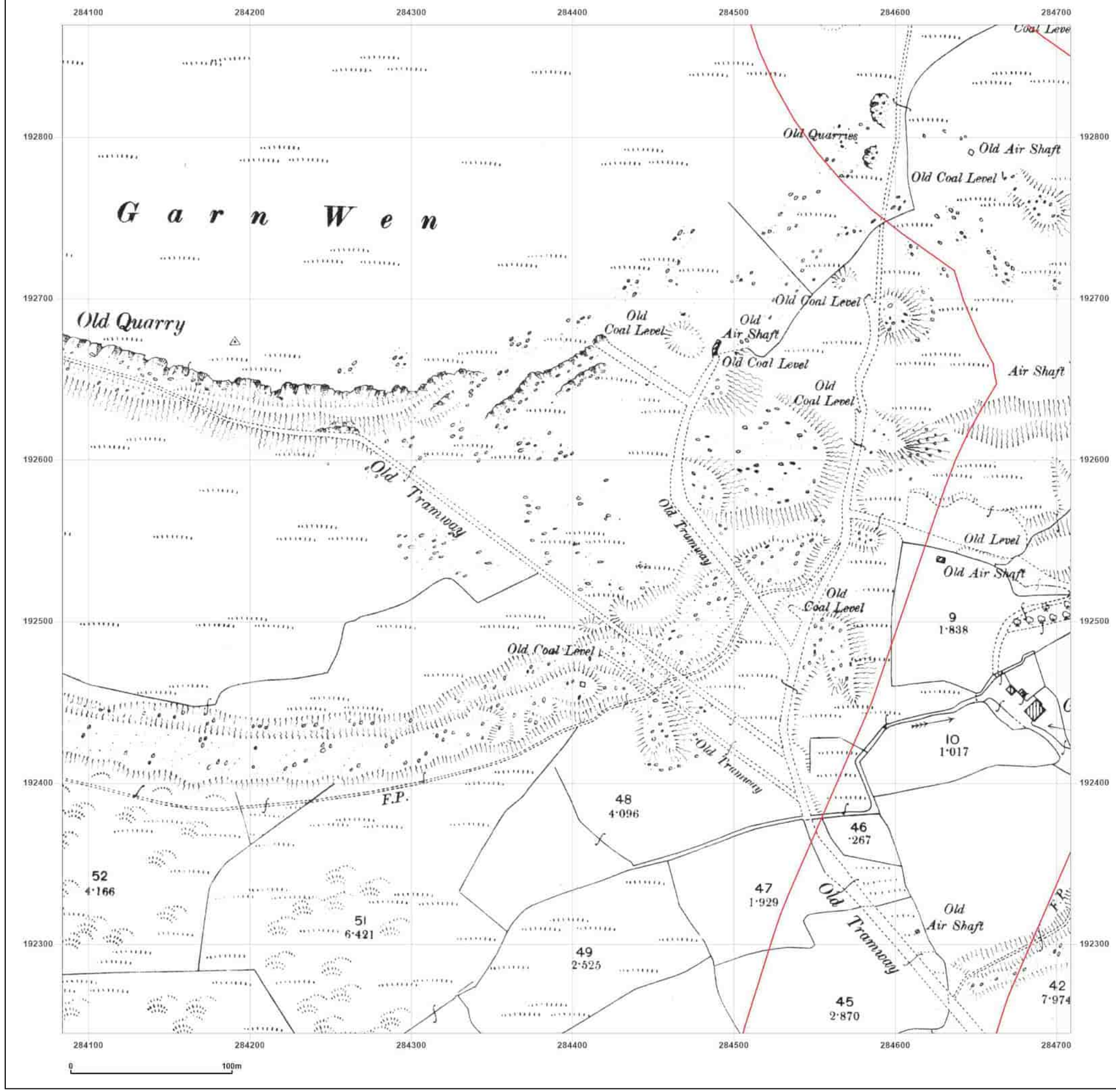
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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_9
Grid Ref: 284396, 192557

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

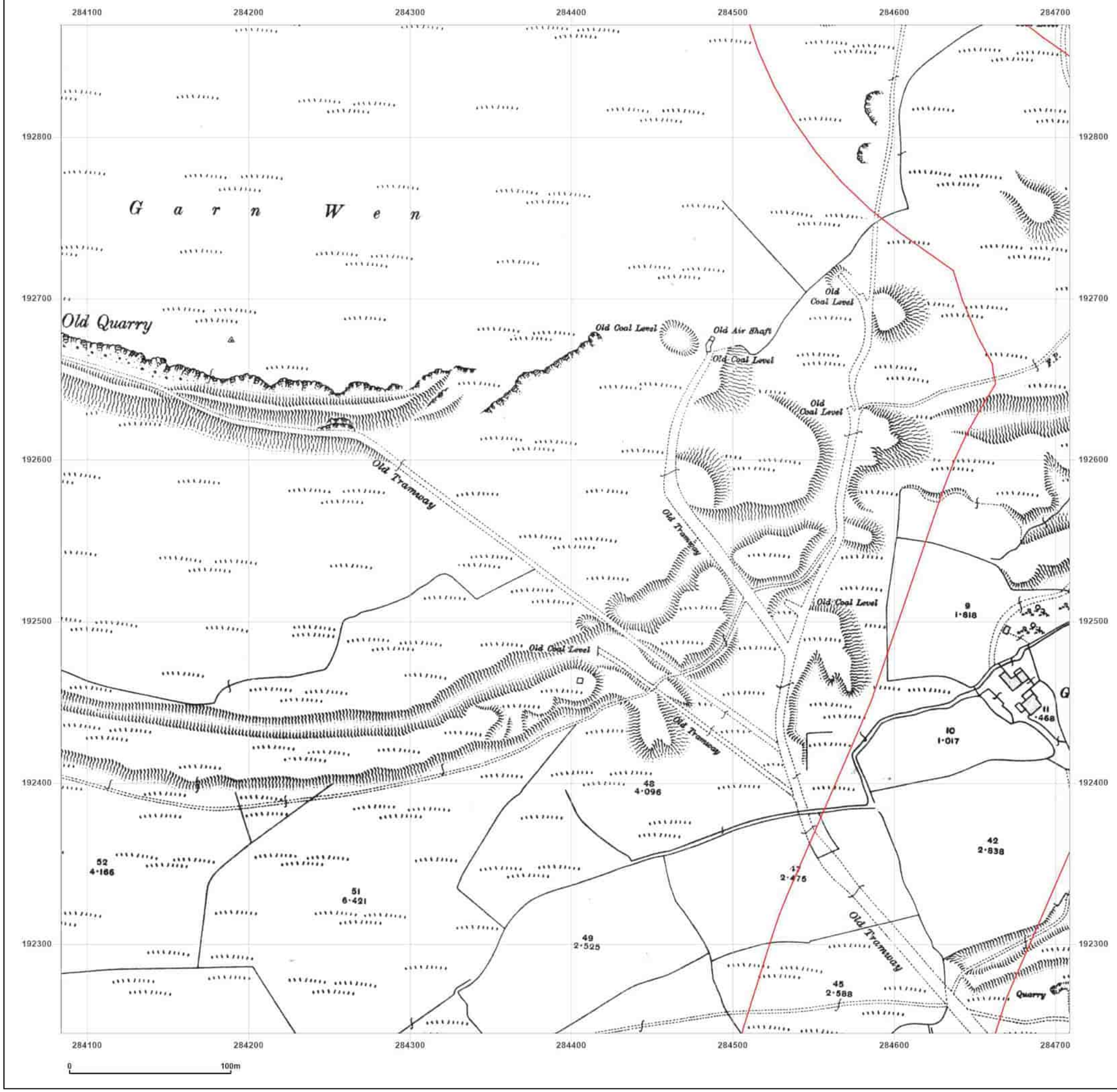
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wsp

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_9
Grid Ref: 284396, 192557

Map Name: County Series

Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

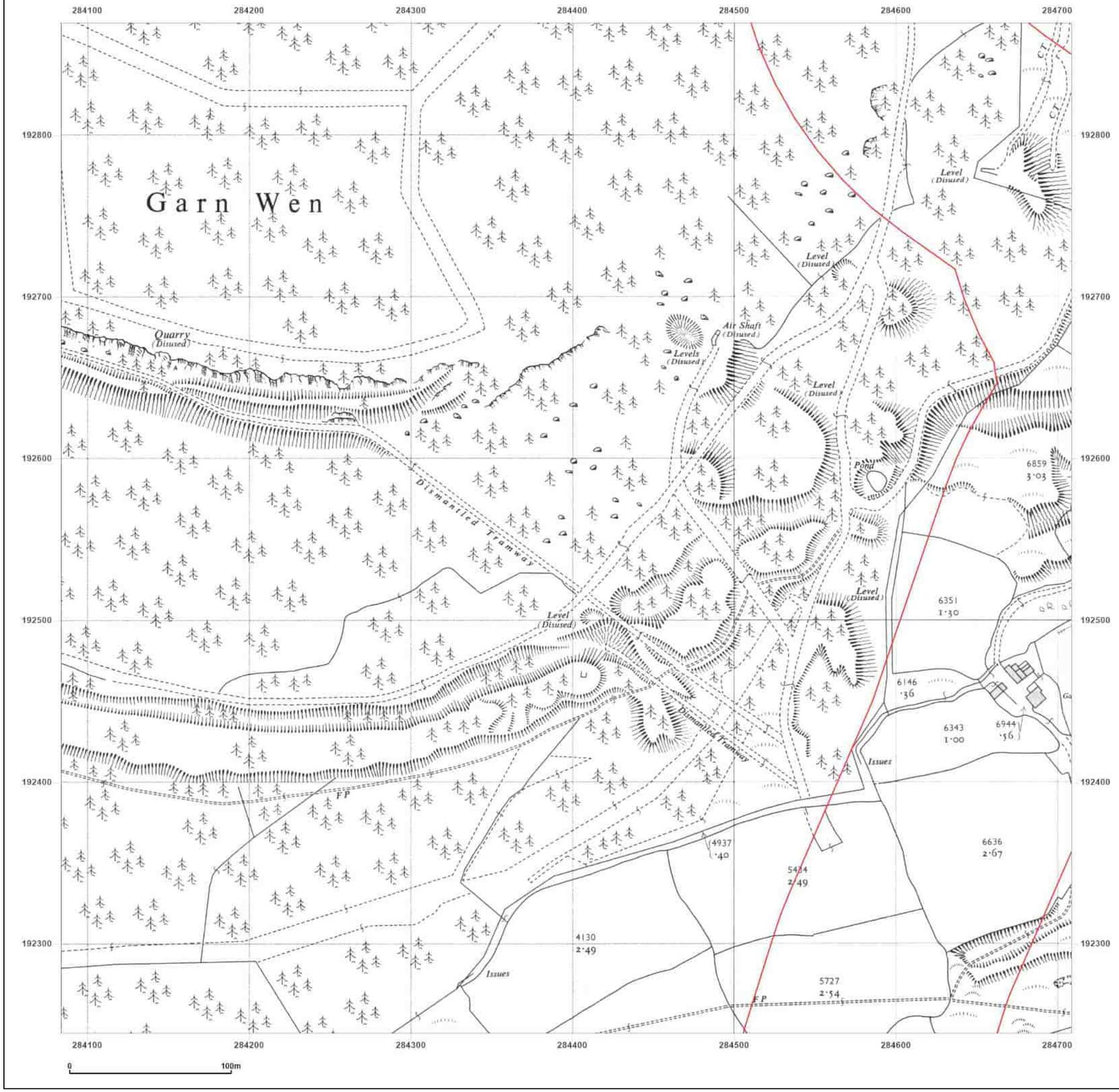
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_9
Grid Ref: 284396, 192557

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition 1962
Copyright 1962
Levelled 1957

Groundsure INSIGHTS

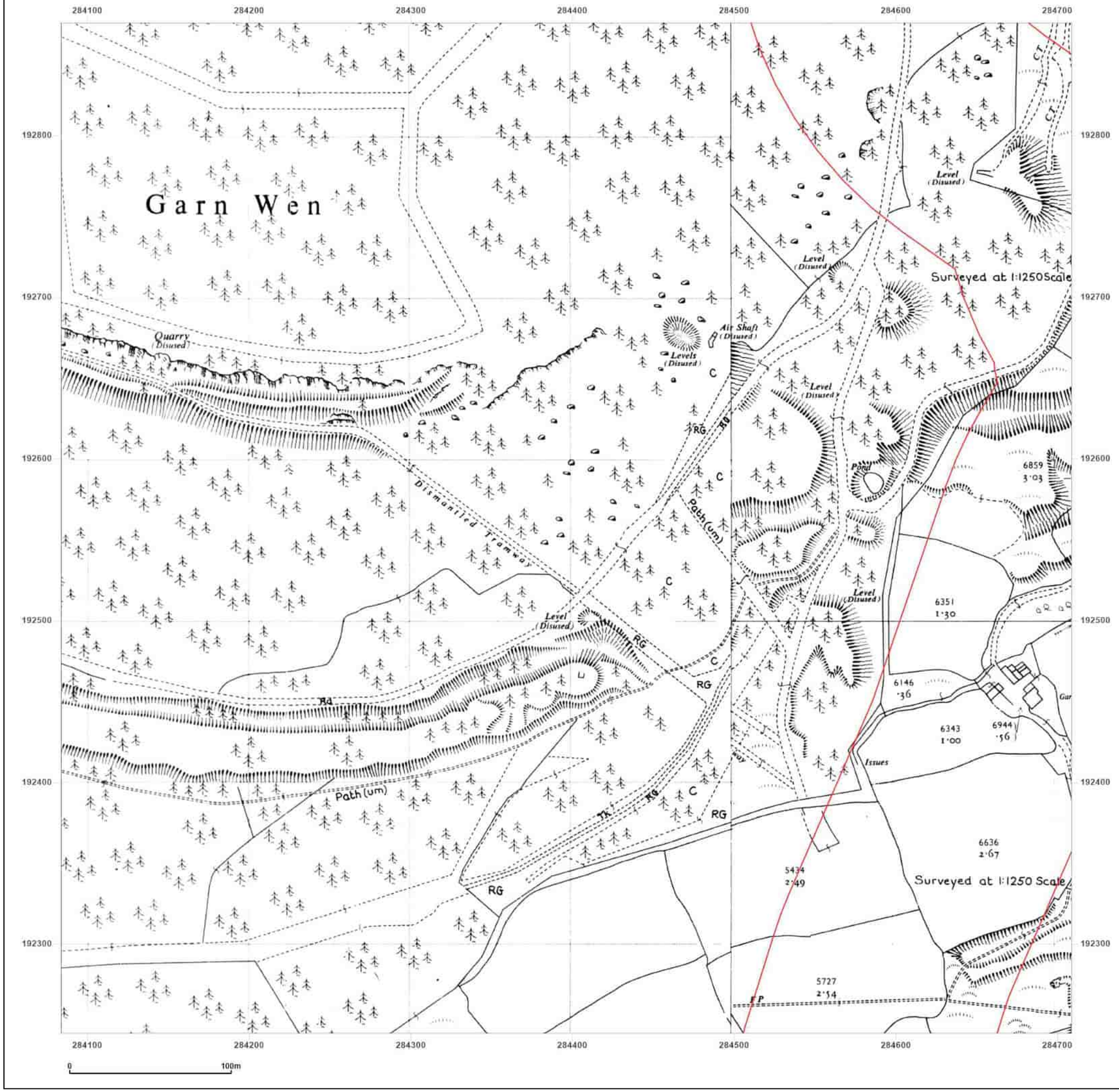
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_9
Grid Ref: 284396, 192557

Map Name: National Grid

Map date: **1986**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1963
Revised 1986
Edition N/A
Copyright 1986
Levelled 1963

Groundsure INSIGHTS

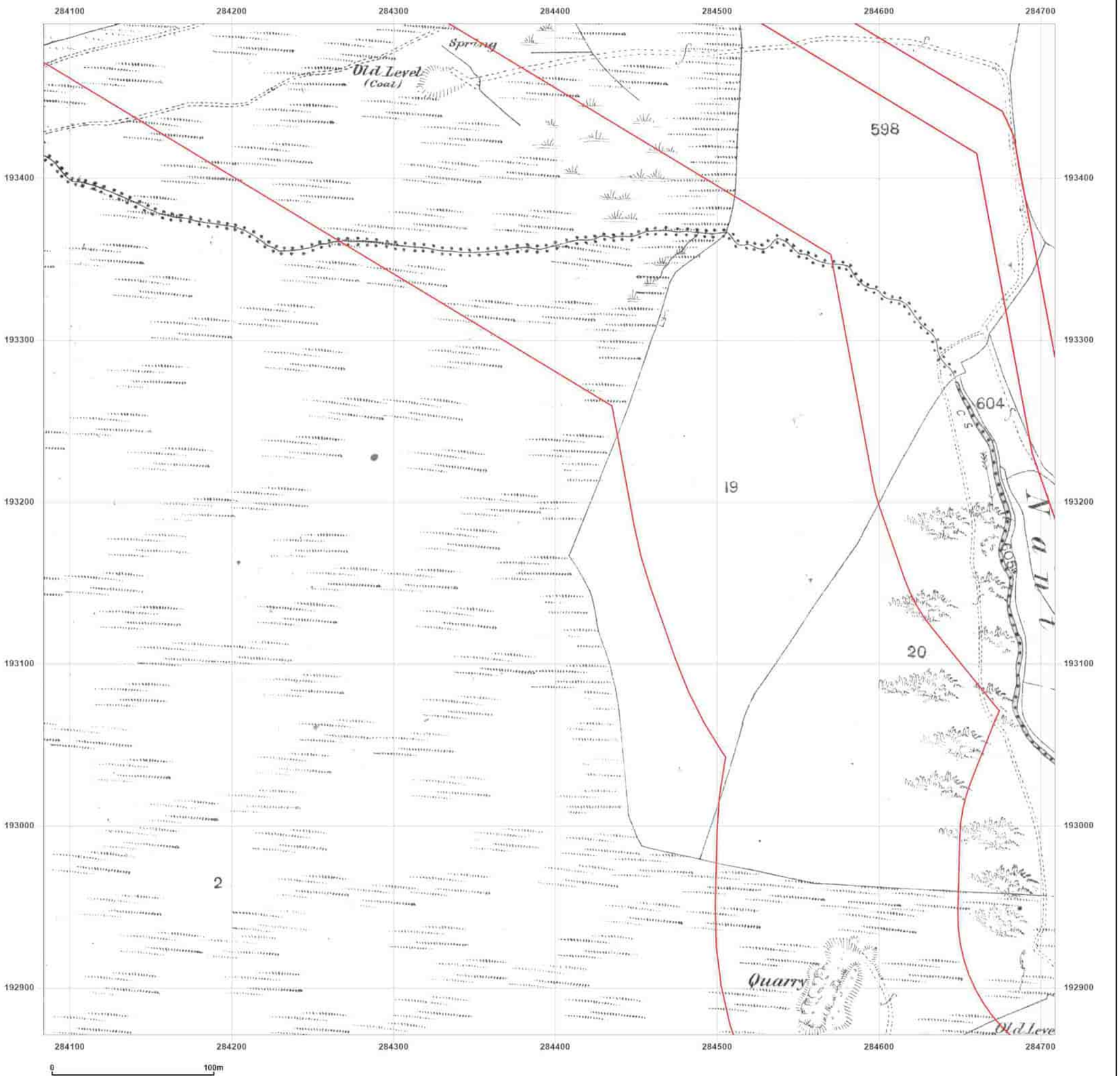
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_10
Grid Ref: 284396, 193183

Map Name: County Series

Map date: **1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

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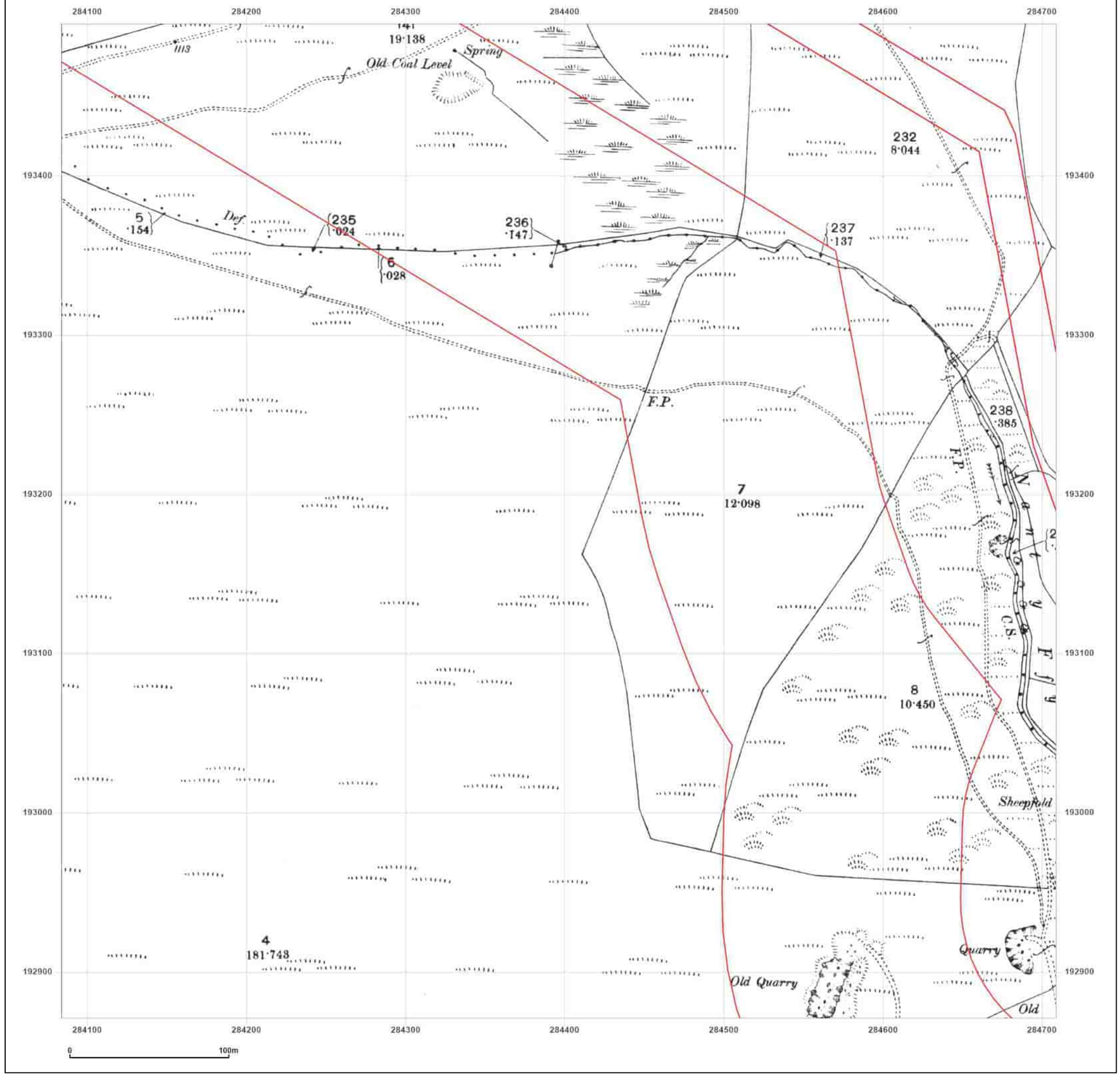
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_10
Grid Ref: 284396, 193183

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_10
Grid Ref: 284396, 193183

Map Name: County Series

Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_10
Grid Ref: 284396, 193183

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1960
Revised 1960
Edition 1962
Copyright 1962
Levelled 1949

Surveyed 1961
Revised 1961
Edition 1962
Copyright 1962
Levelled 1957

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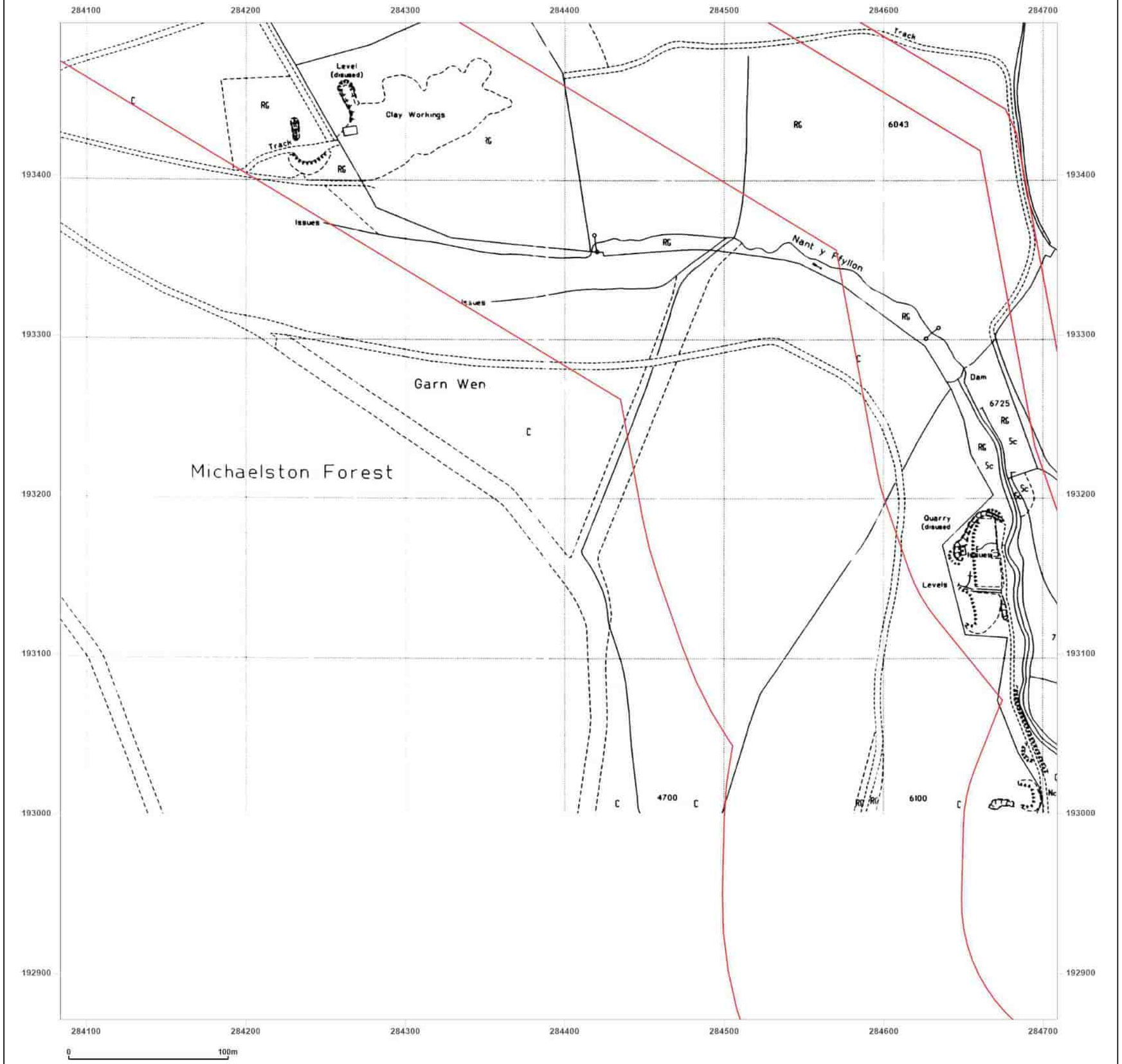
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_10
Grid Ref: 284396, 193183

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_11
Grid Ref: 284396, 193808

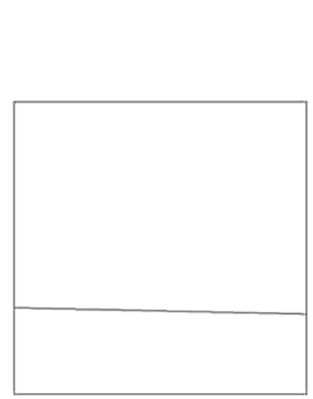
Map Name: County Series

Map date: **1877-1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



Groundsure INSIGHTS

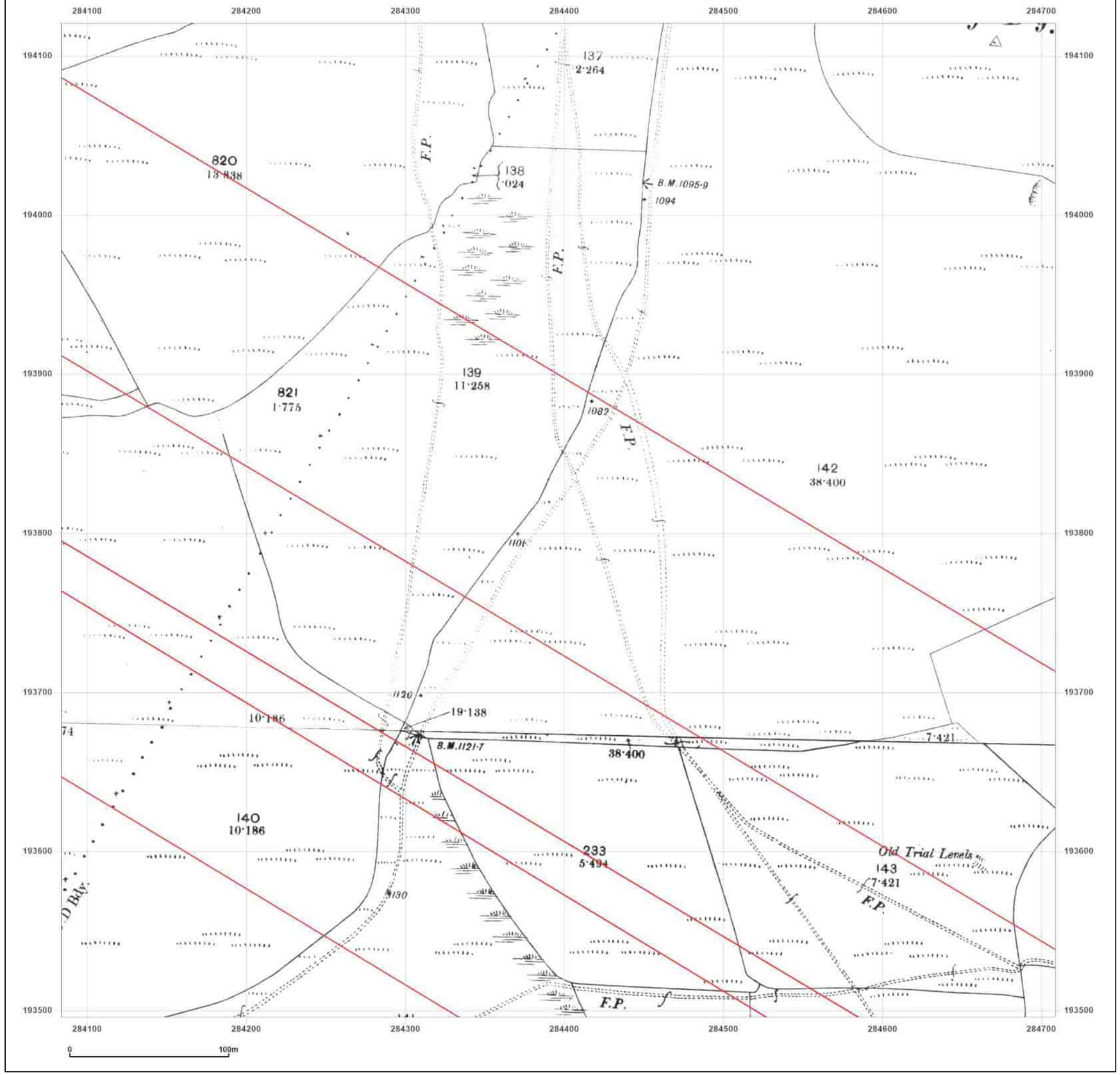
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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_11
Grid Ref: 284396, 193808

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

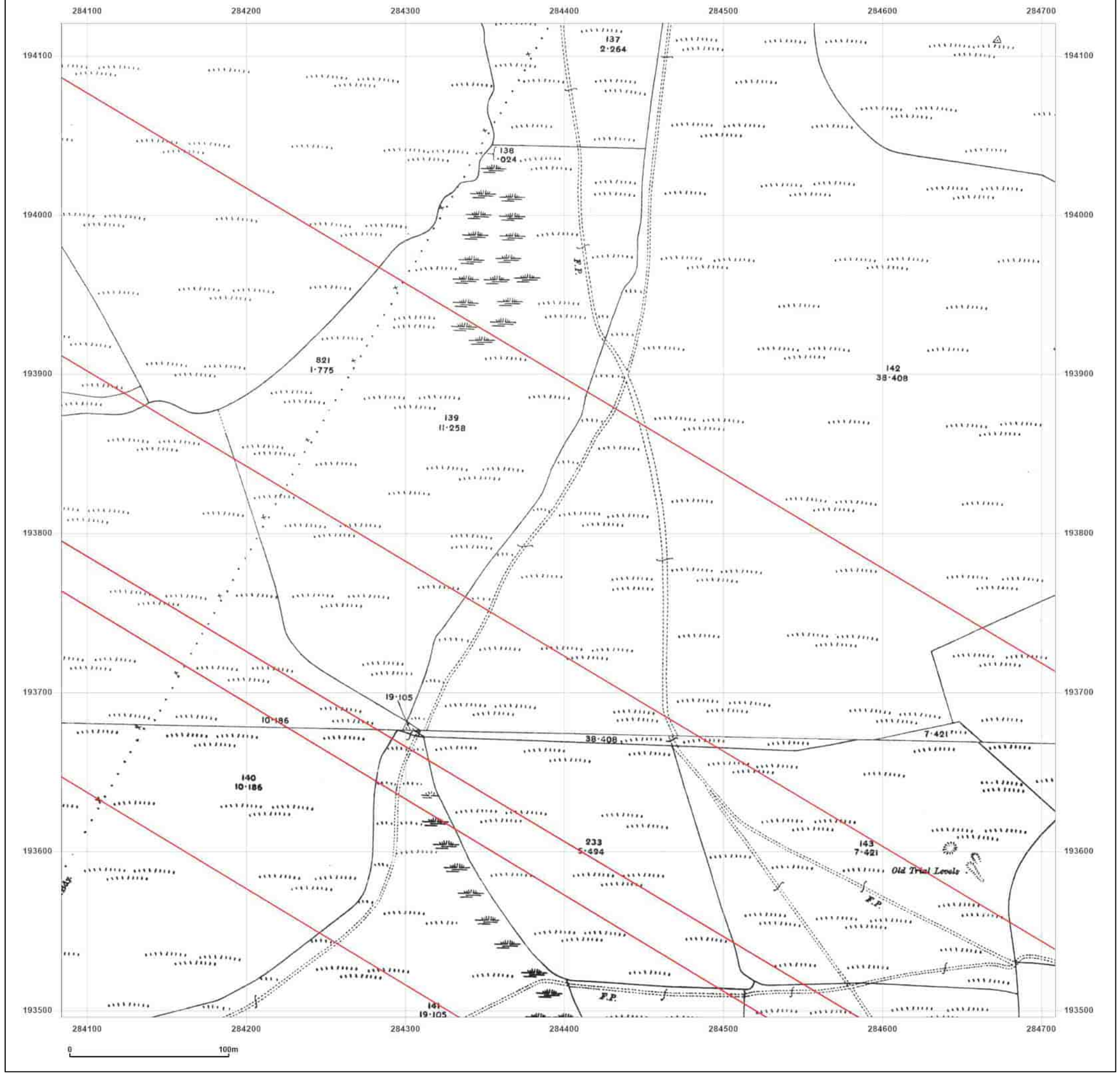
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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_11
Grid Ref: 284396, 193808

Map Name: County Series

Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

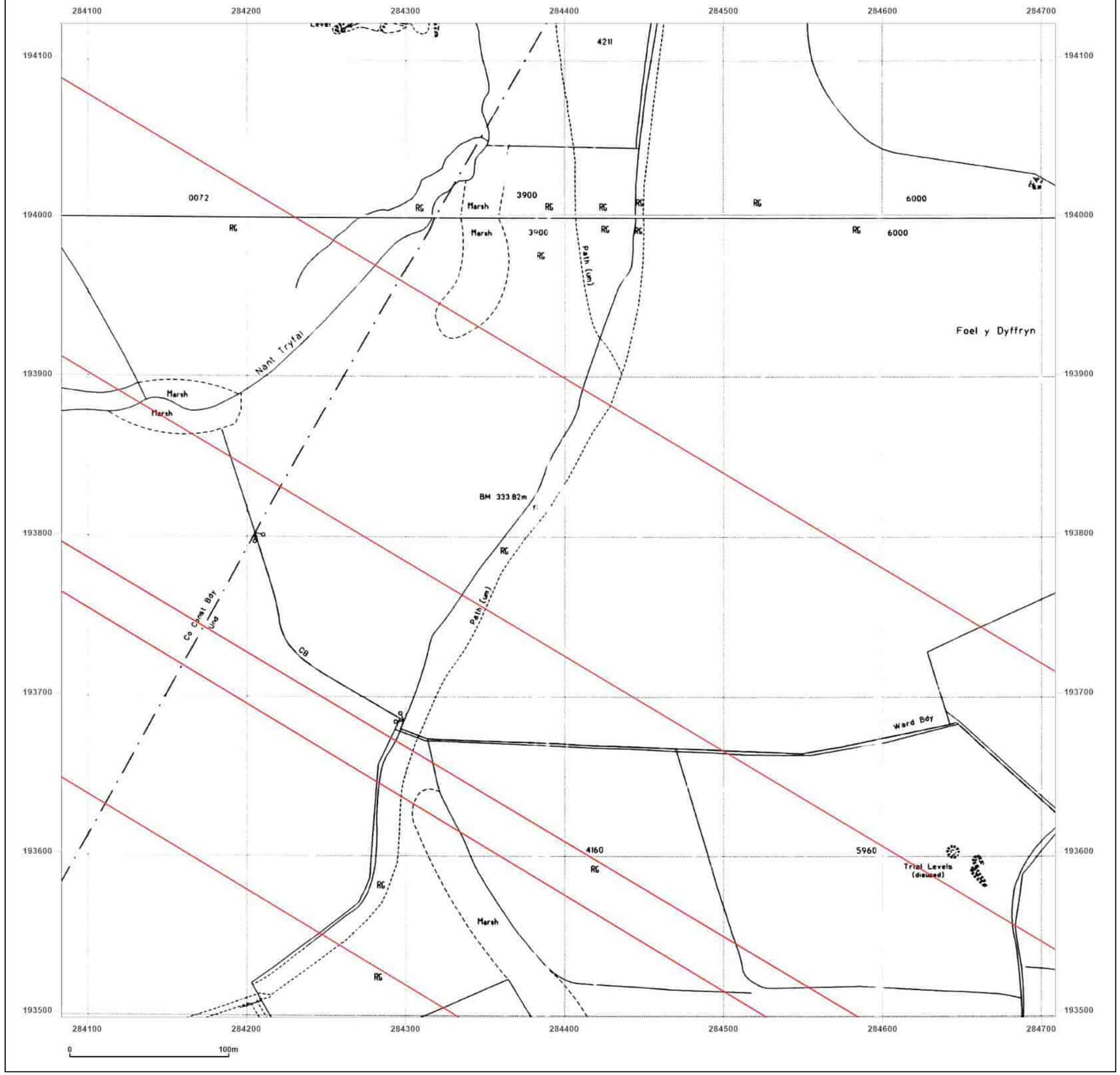
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_2_11
Grid Ref: 284396, 193808

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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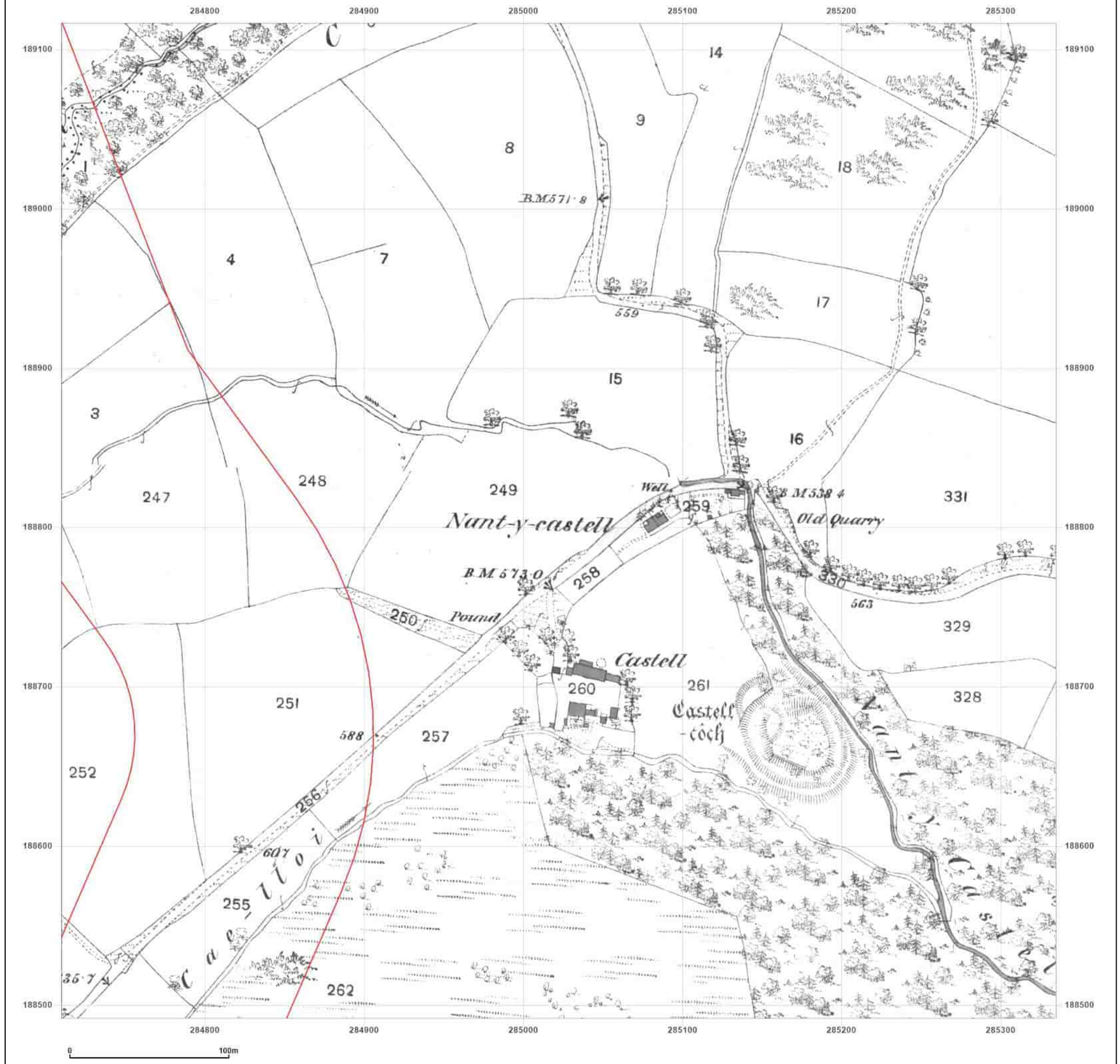
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_3
Grid Ref: 285022, 188804

Map Name: County Series

Map date: **1877-1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A

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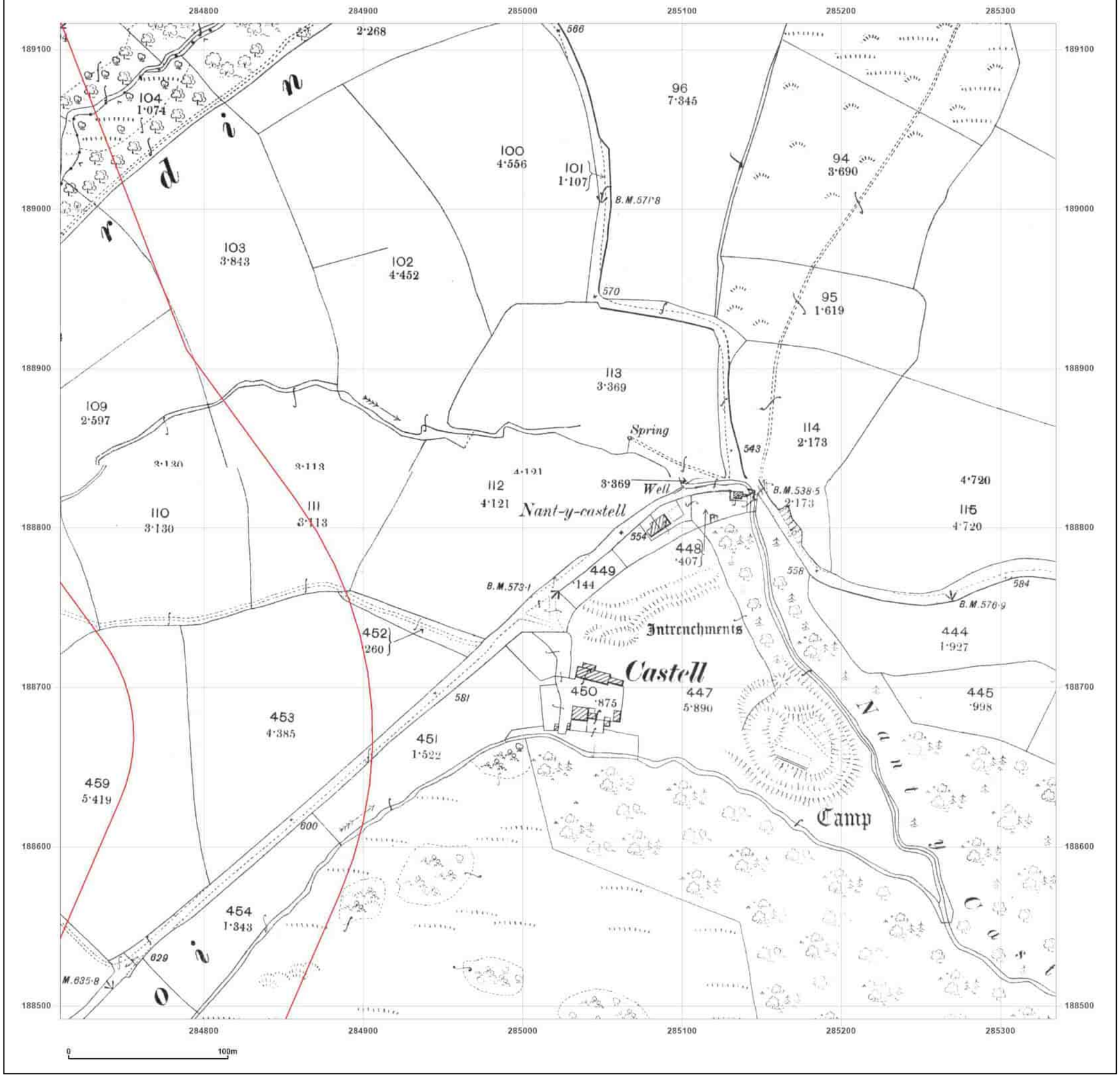
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_3
Grid Ref: 285022, 188804

Map Name: County Series

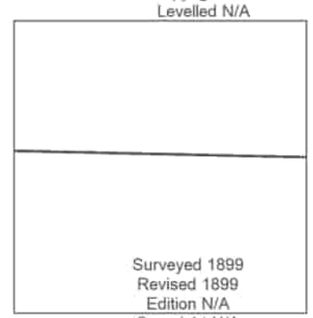
Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

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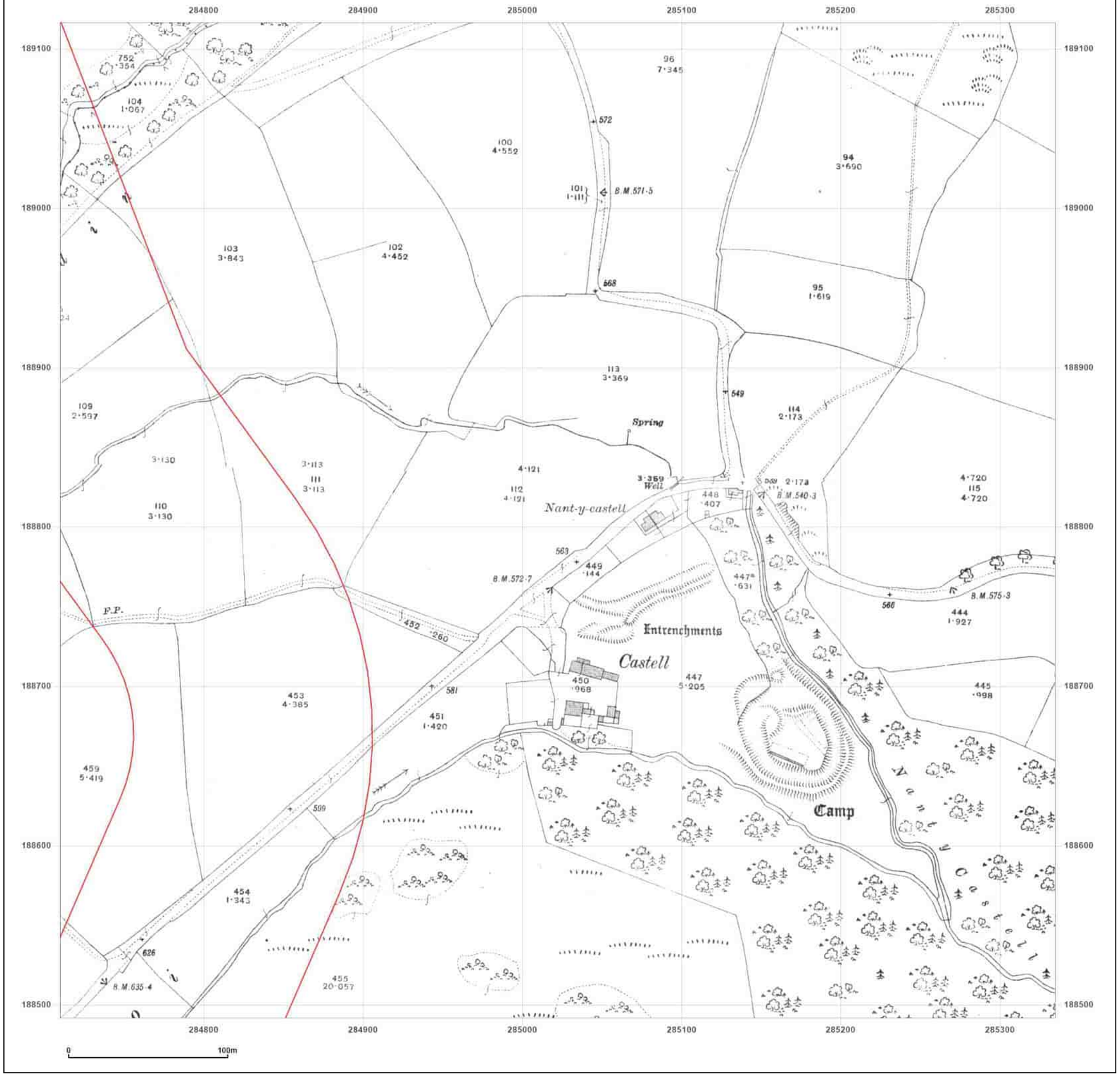
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_3
Grid Ref: 285022, 188804

Map Name: County Series

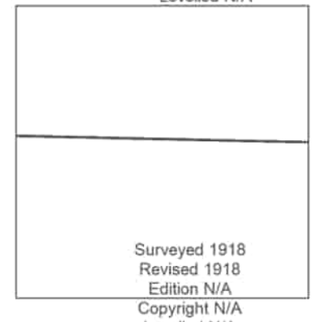
Map date: **1918**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A



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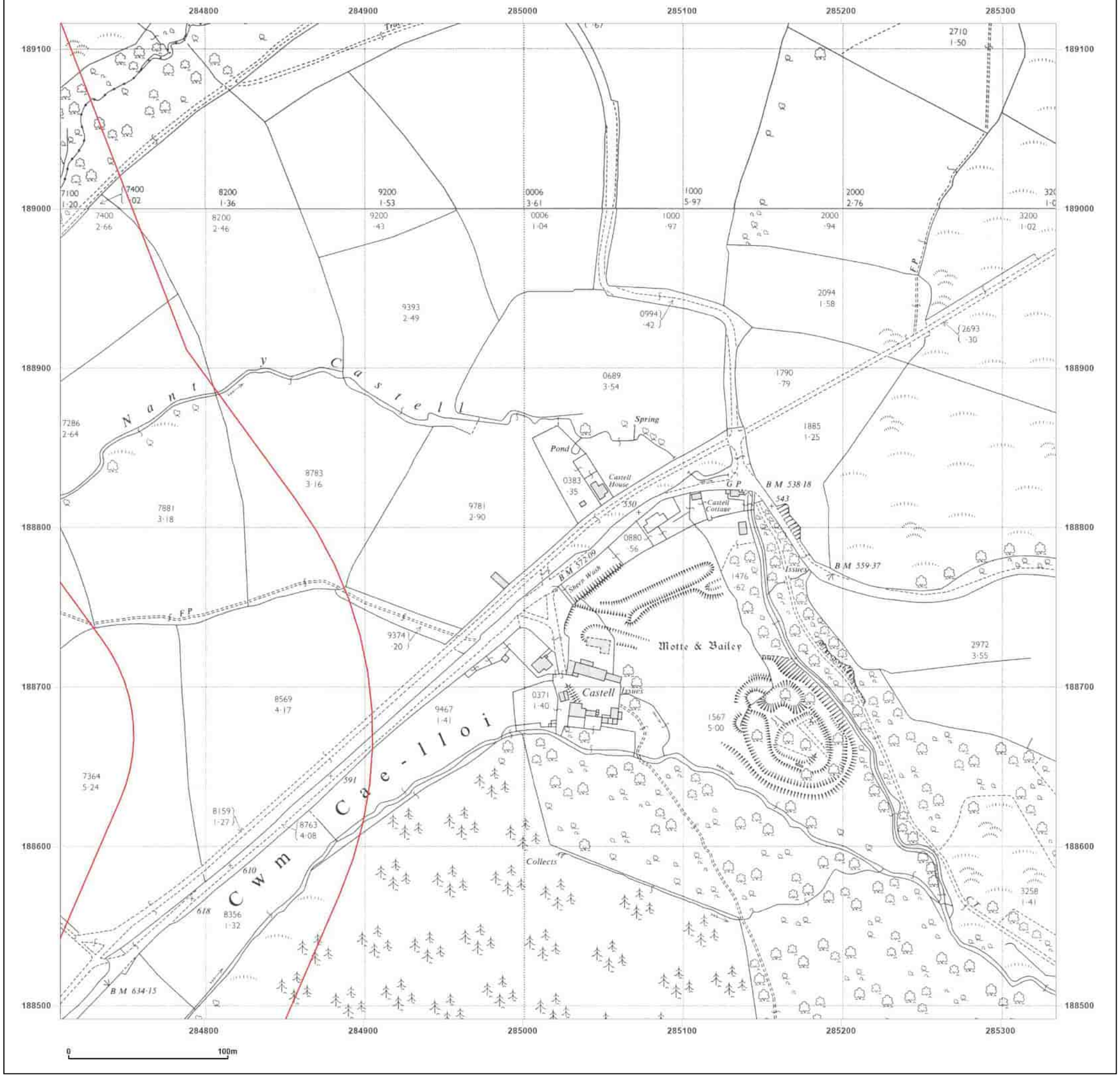
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_3
Grid Ref: 285022, 188804

Map Name: National Grid

Map date: **1964**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1962
Revised 1962
Edition N/A
Copyright 1964
Levelled 1957

Surveyed 1962
Revised 1962
Edition N/A
Copyright 1964
Levelled 1957

Groundsure INSIGHTS

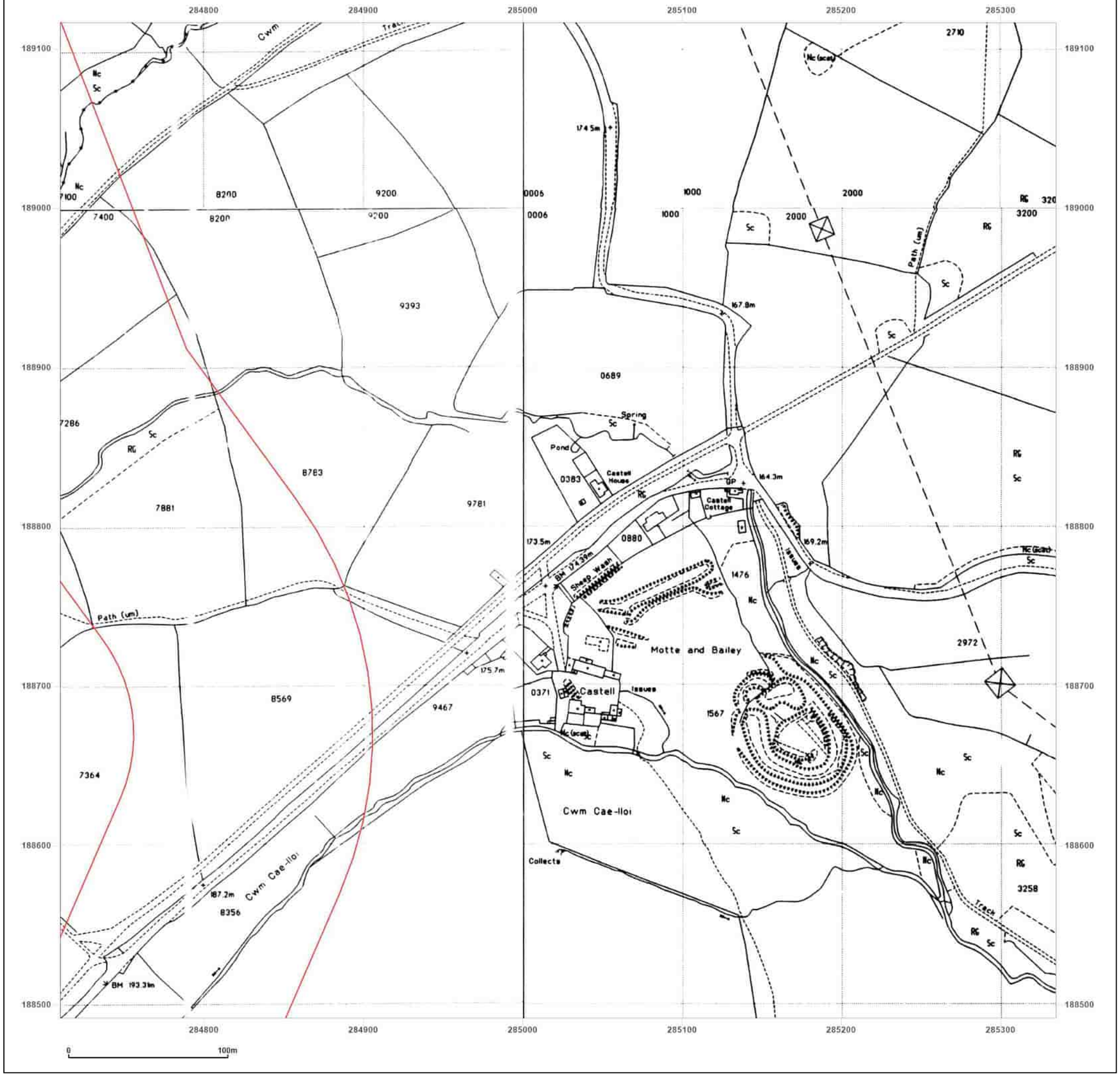
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_3
Grid Ref: 285022, 188804

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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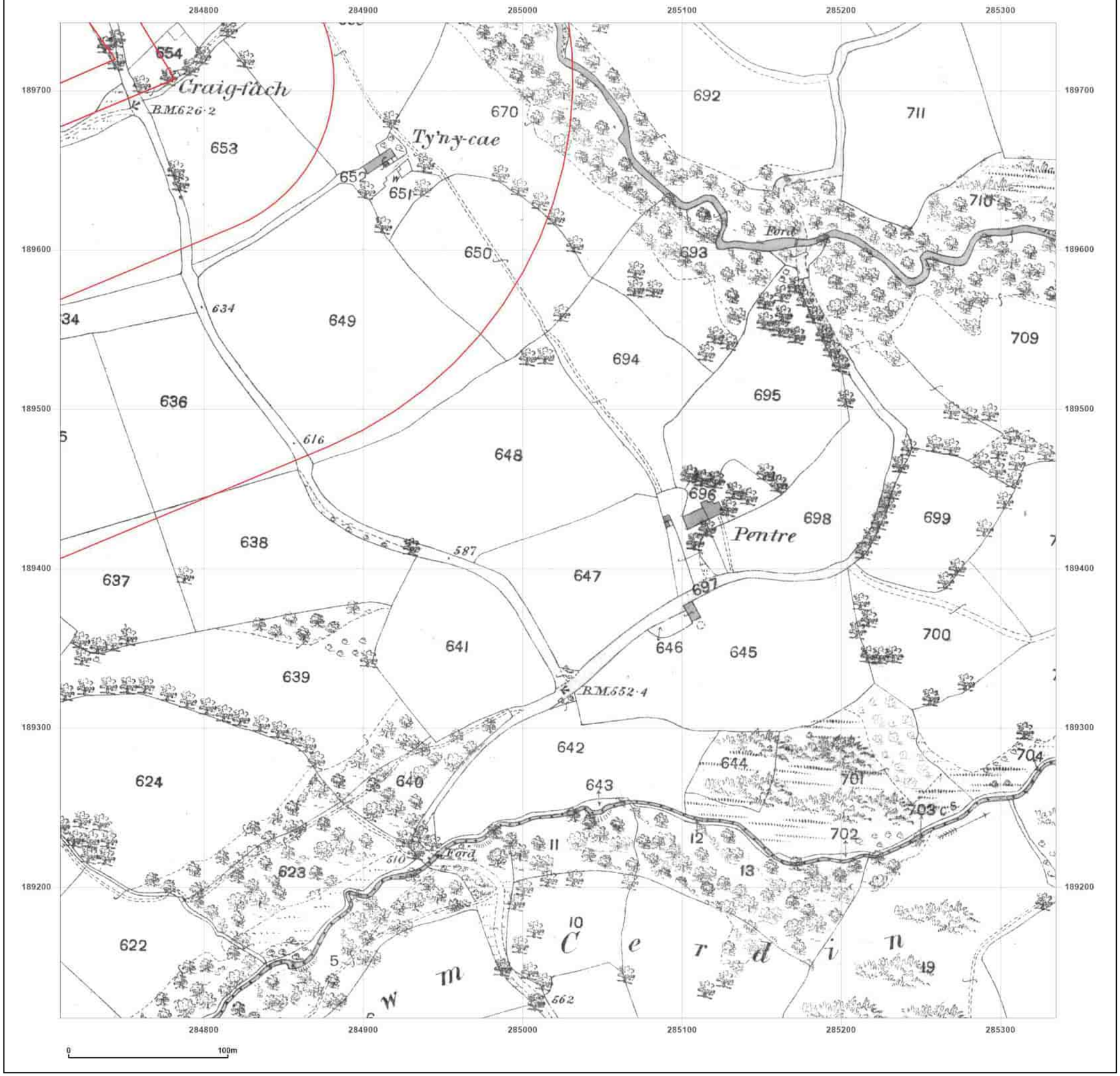
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_4
Grid Ref: 285022, 189430

Map Name: County Series

Map date: **1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

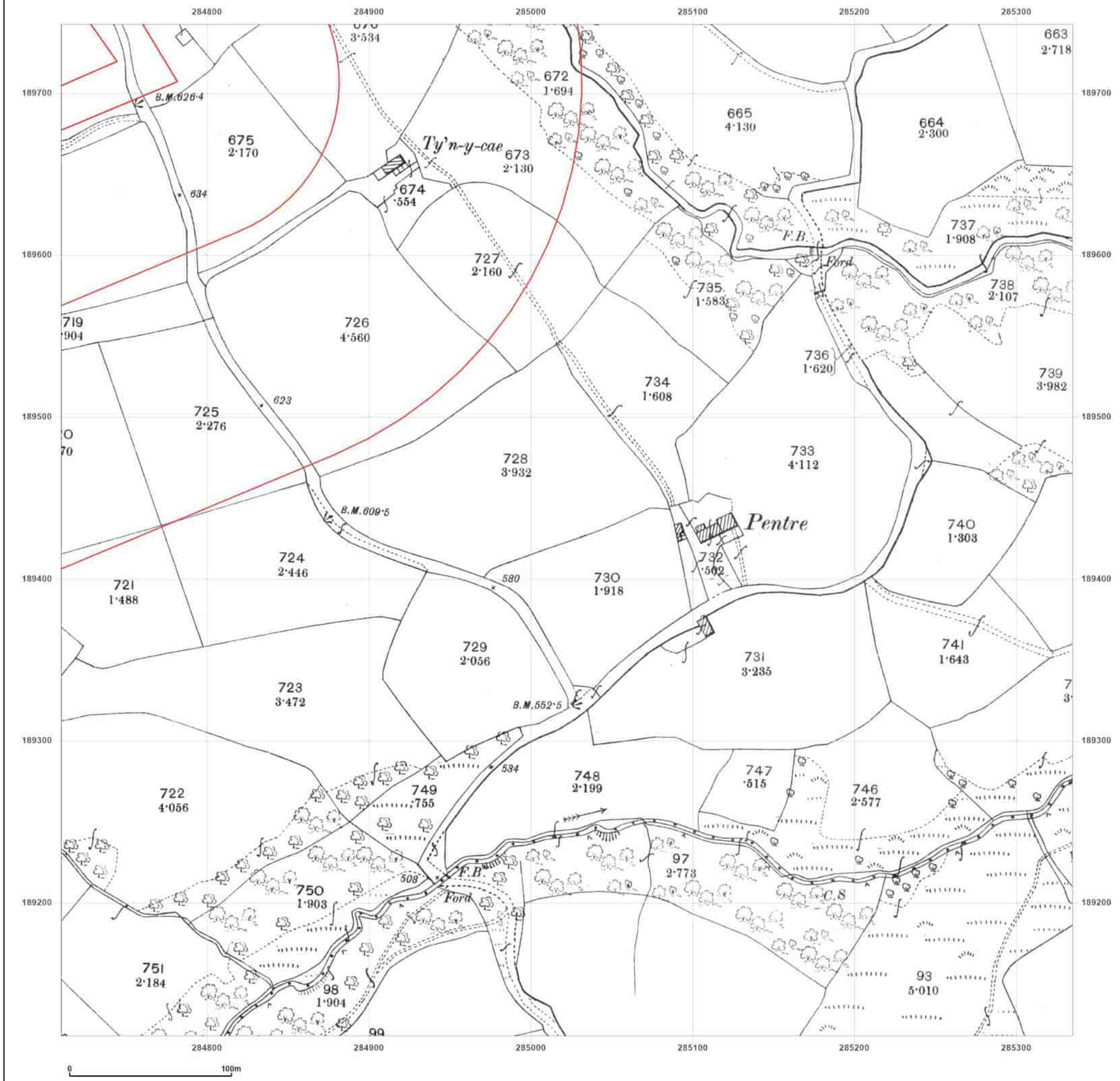
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_4
Grid Ref: 285022, 189430

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
~~Revised 1899~~
Edition N/A
Copyright N/A
Levelled N/A

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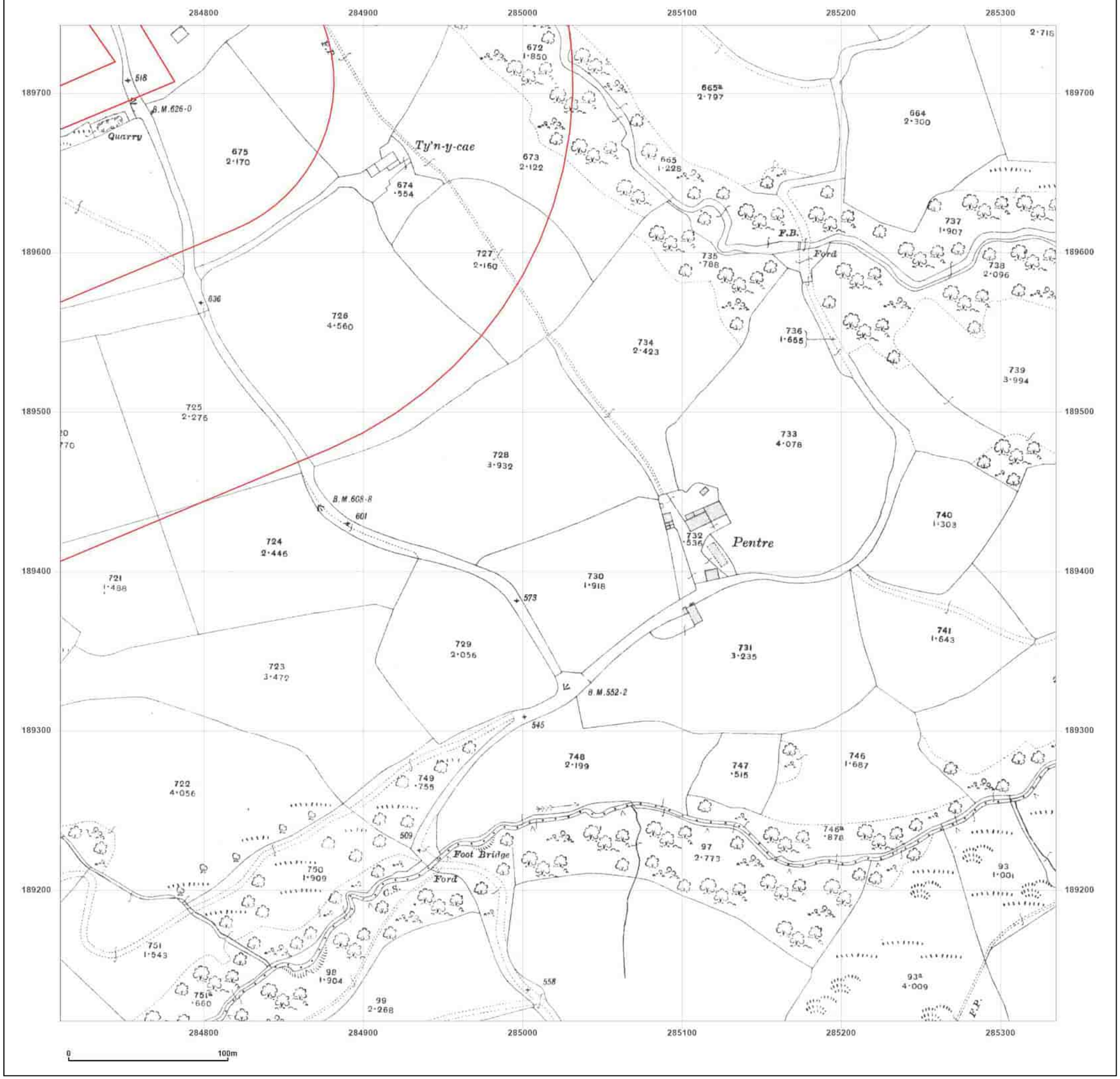
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_4
Grid Ref: 285022, 189430

Map Name: County Series

Map date: **1918**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

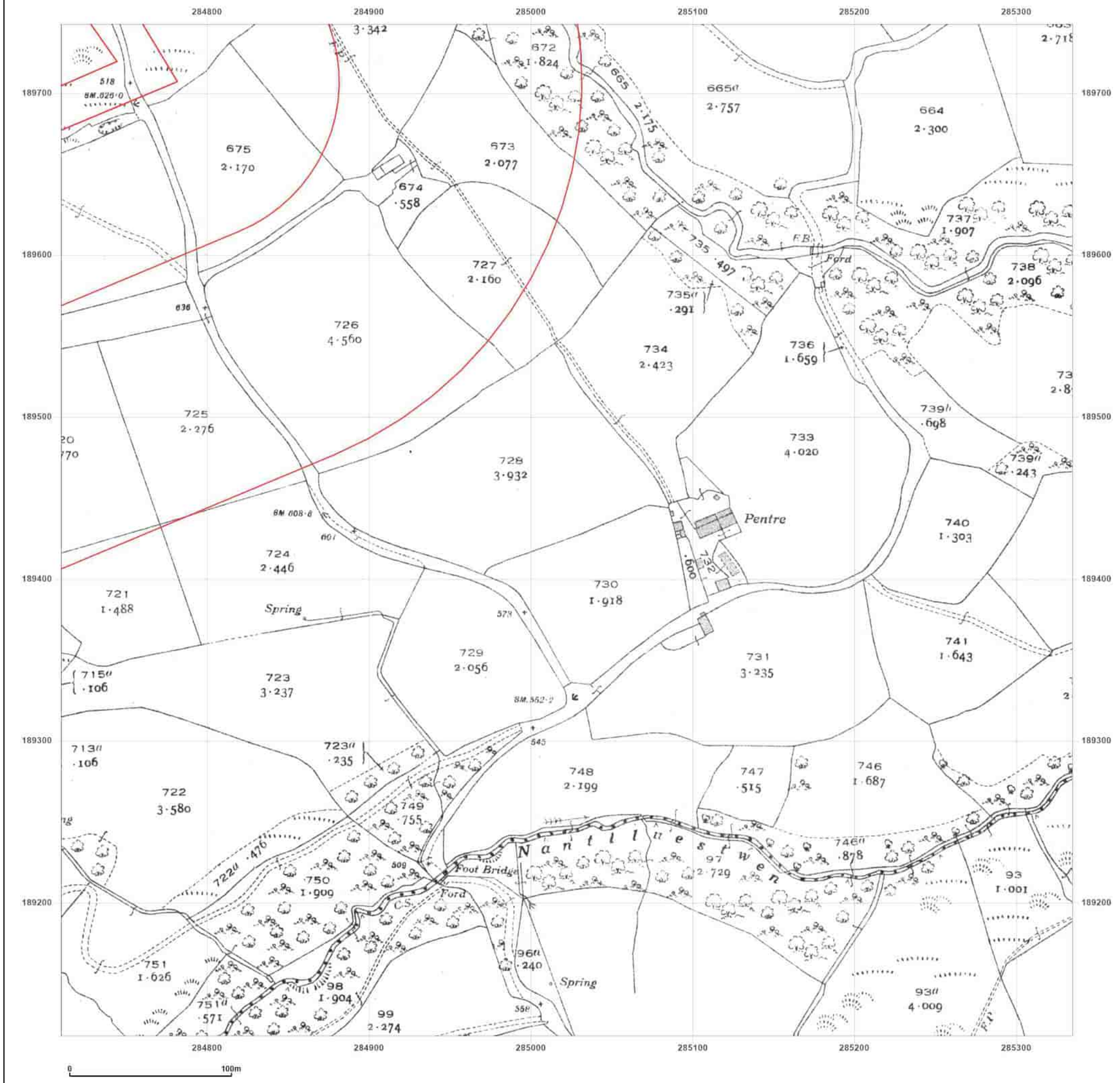
Surveyed 1918
~~Revised 1918~~
Edition N/A
Copyright N/A
Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_4
Grid Ref: 285022, 189430

Map Name: County Series

Map date: **1940**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A

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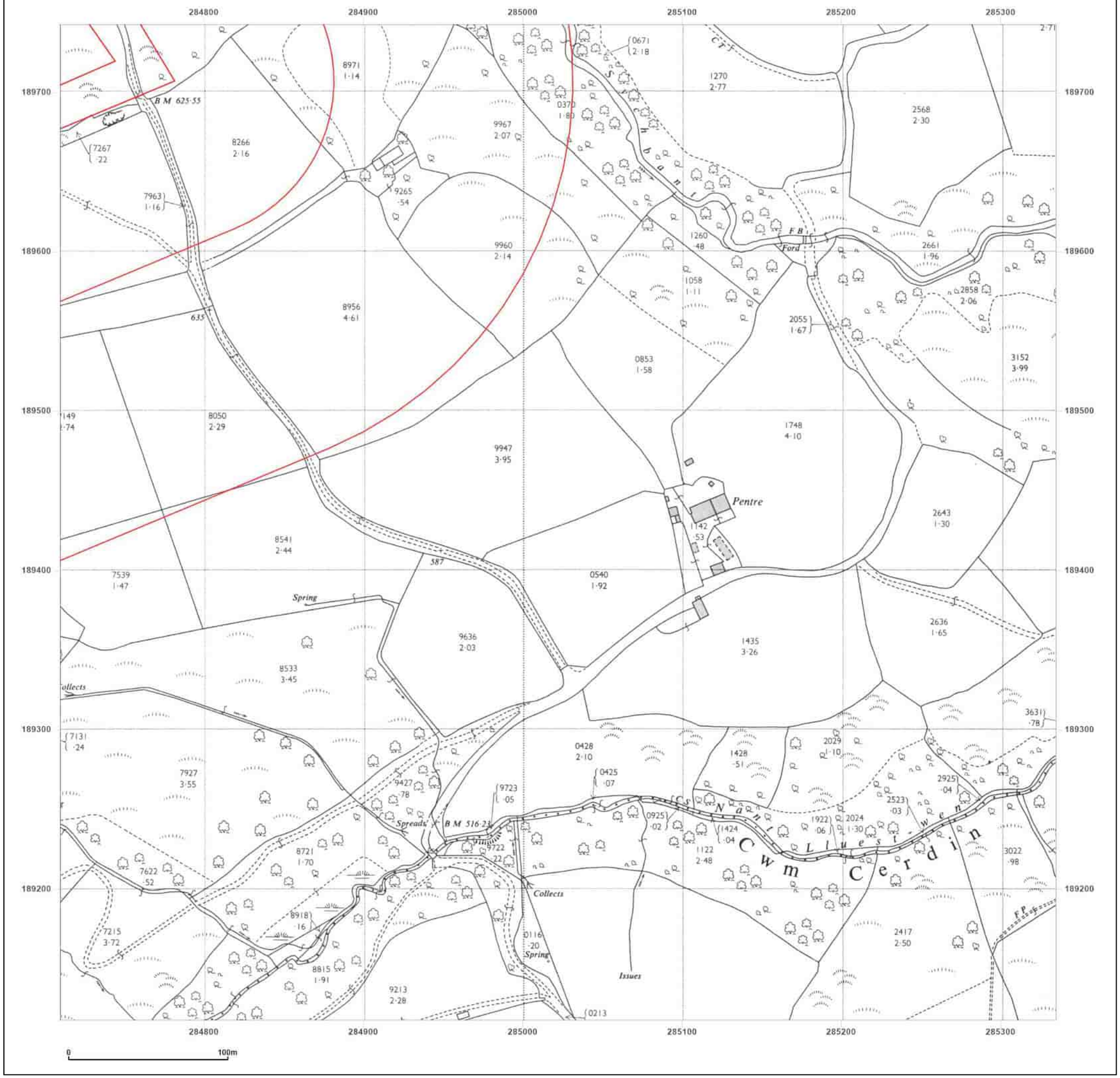
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_4
Grid Ref: 285022, 189430

Map Name: National Grid

Map date: **1964**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1962
Revised 1962
Edition N/A
Copyright 1964
Levelled 1957

Groundsure INSIGHTS

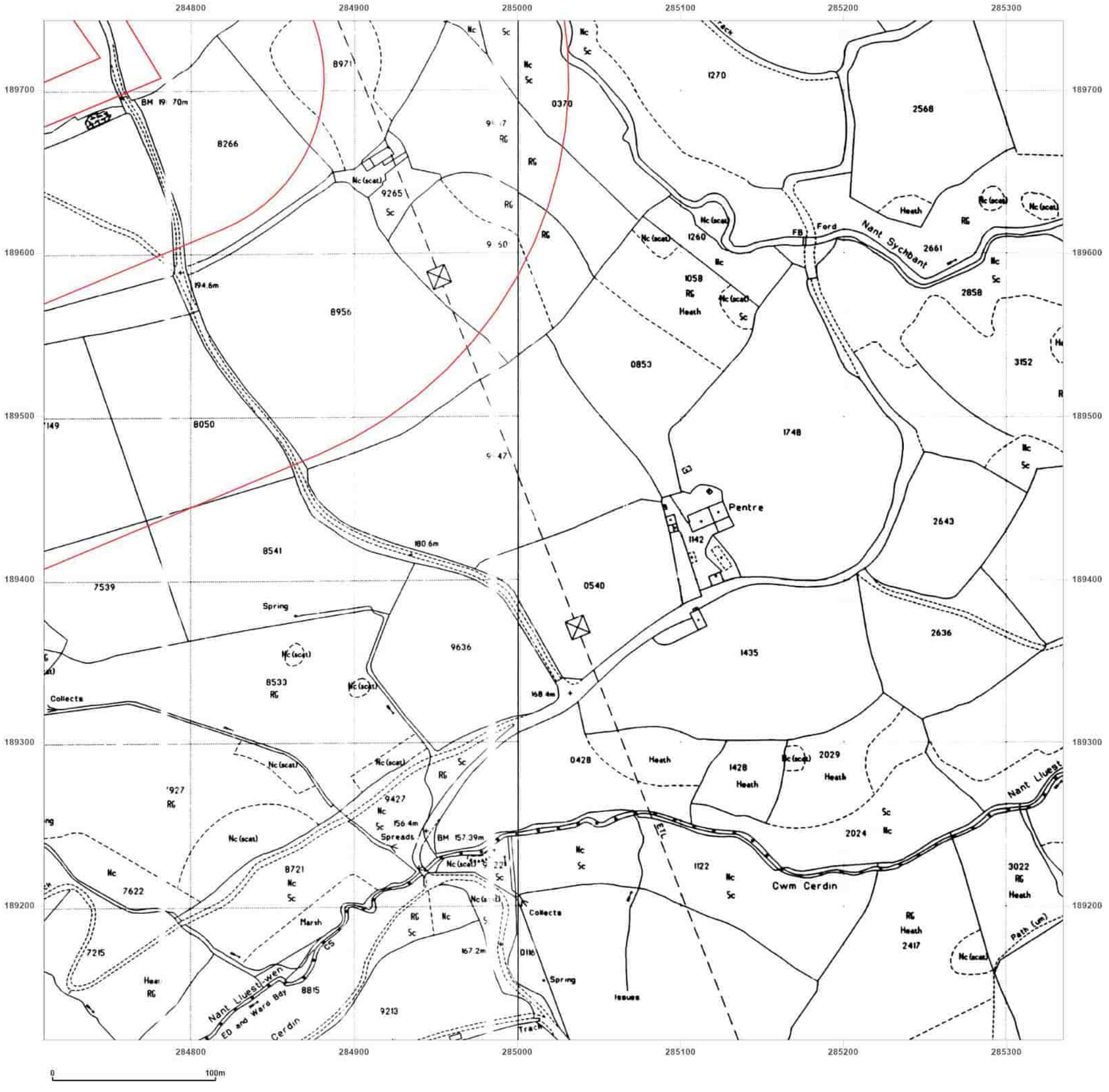
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_4
Grid Ref: 285022, 189430

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Groundsure INSIGHTS

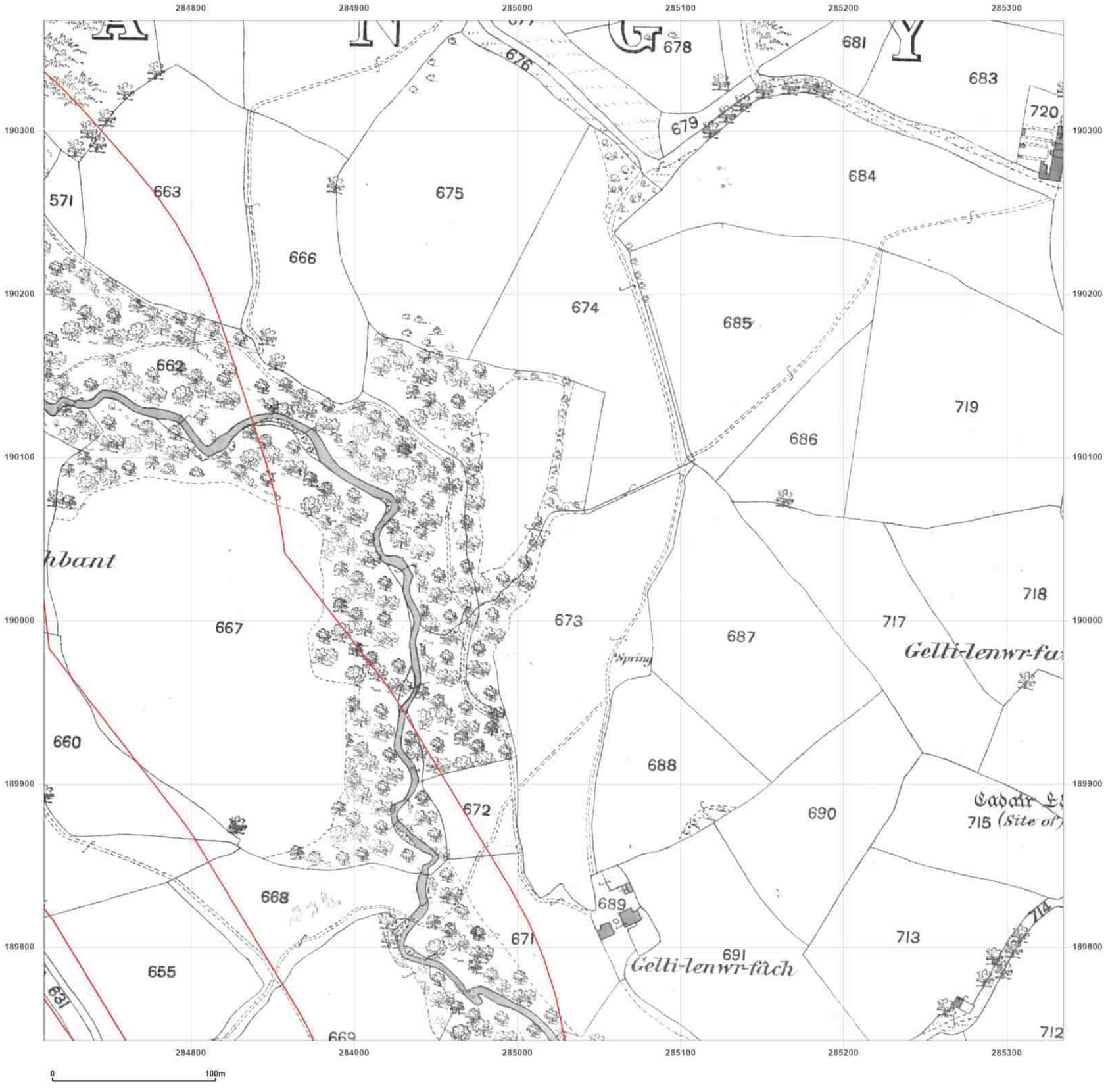
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_5
Grid Ref: 285022, 190055

Map Name: County Series

Map date: **1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

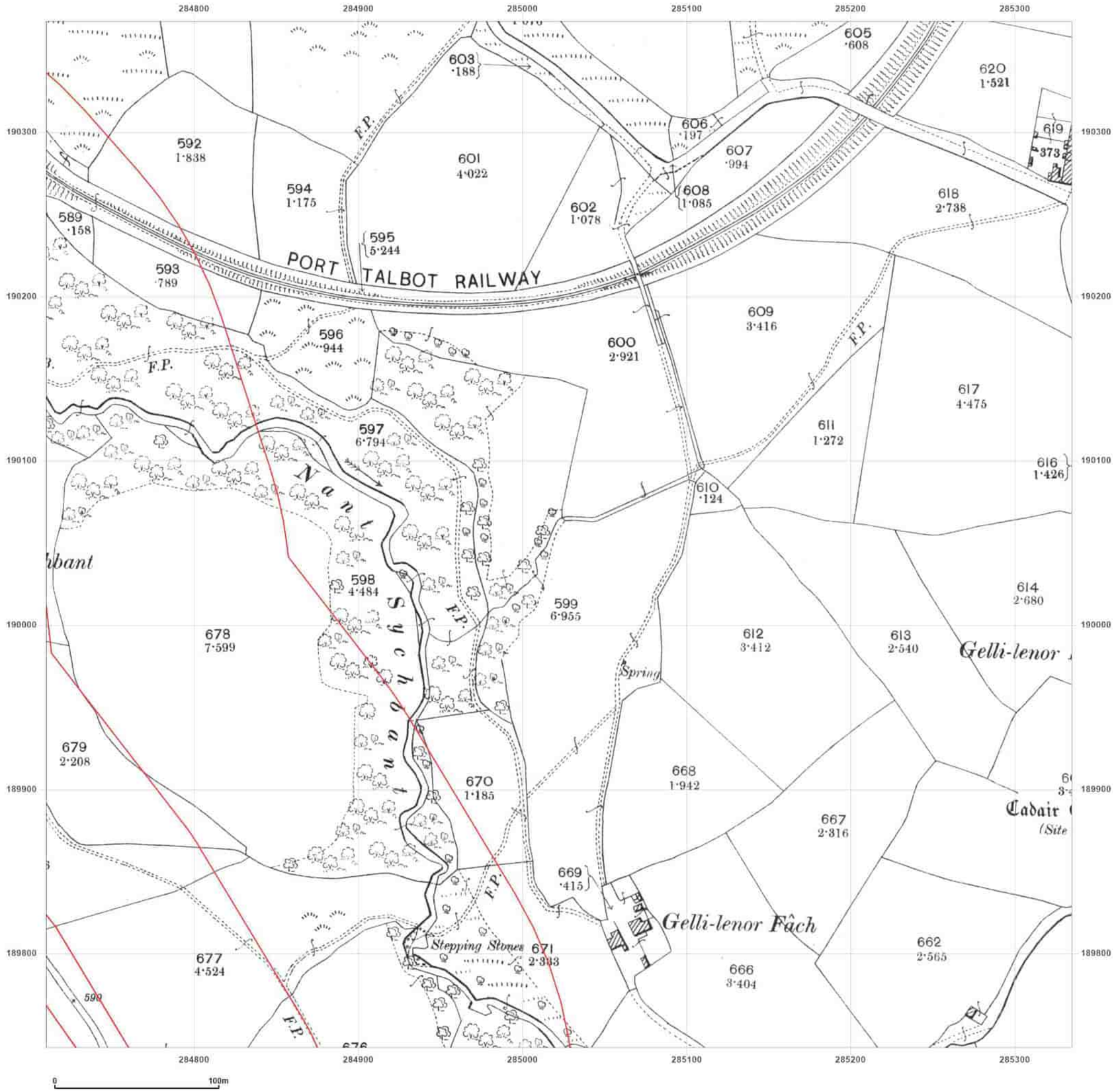
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_5
Grid Ref: 285022, 190055

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

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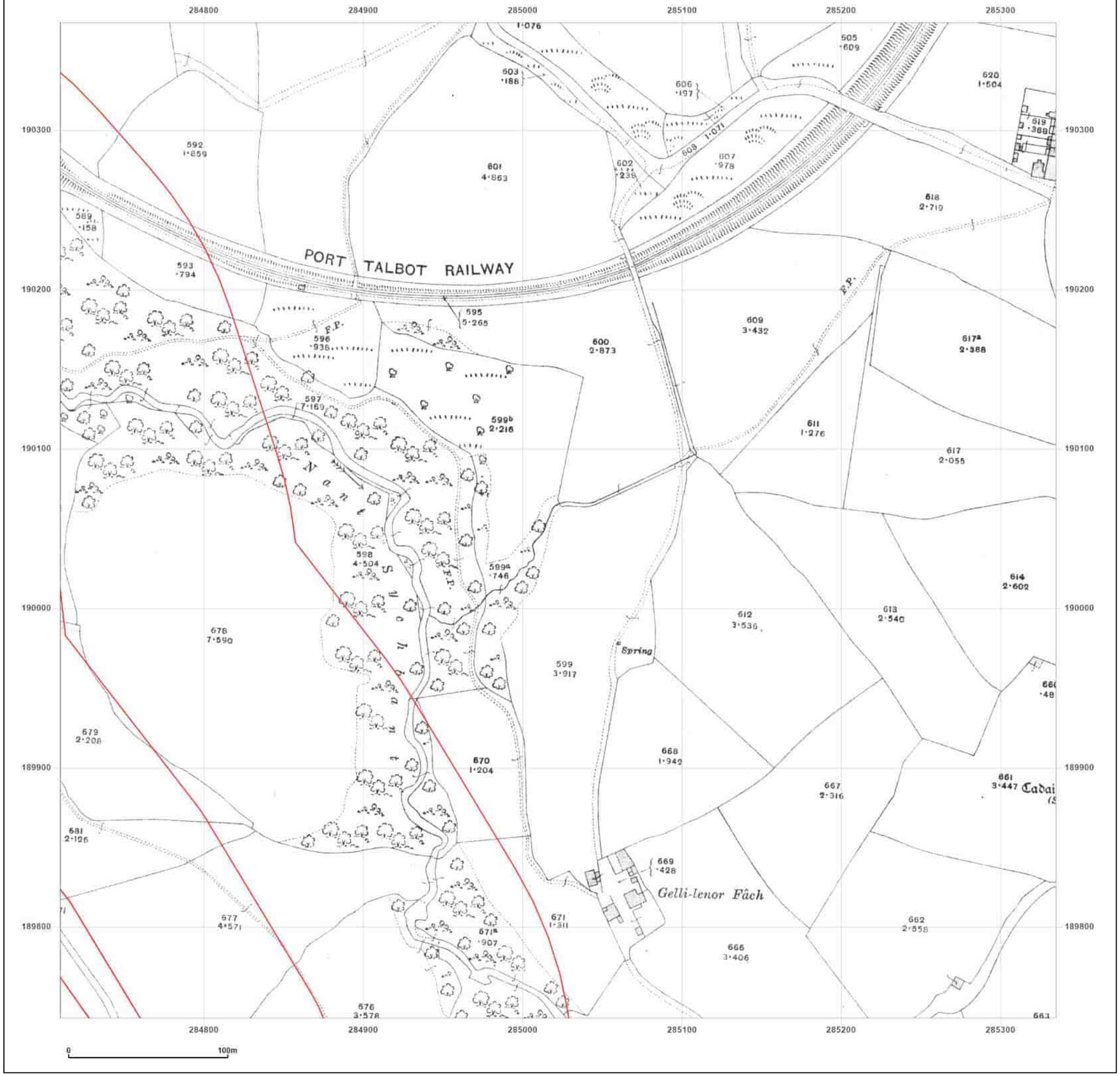
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_5
Grid Ref: 285022, 190055

Map Name: County Series

Map date: **1918**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

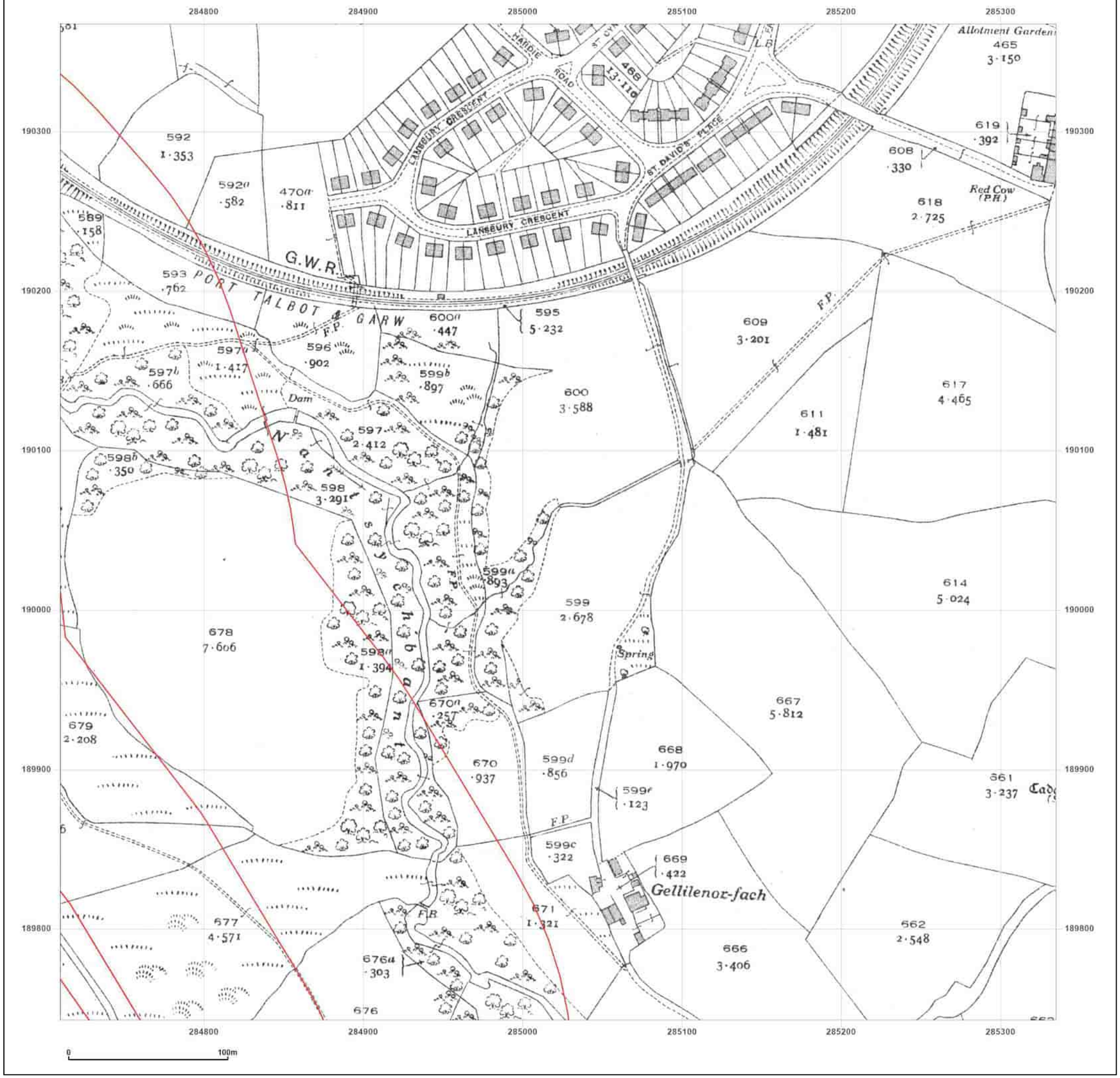
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_5
Grid Ref: 285022, 190055

Map Name: County Series

Map date: **1940**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

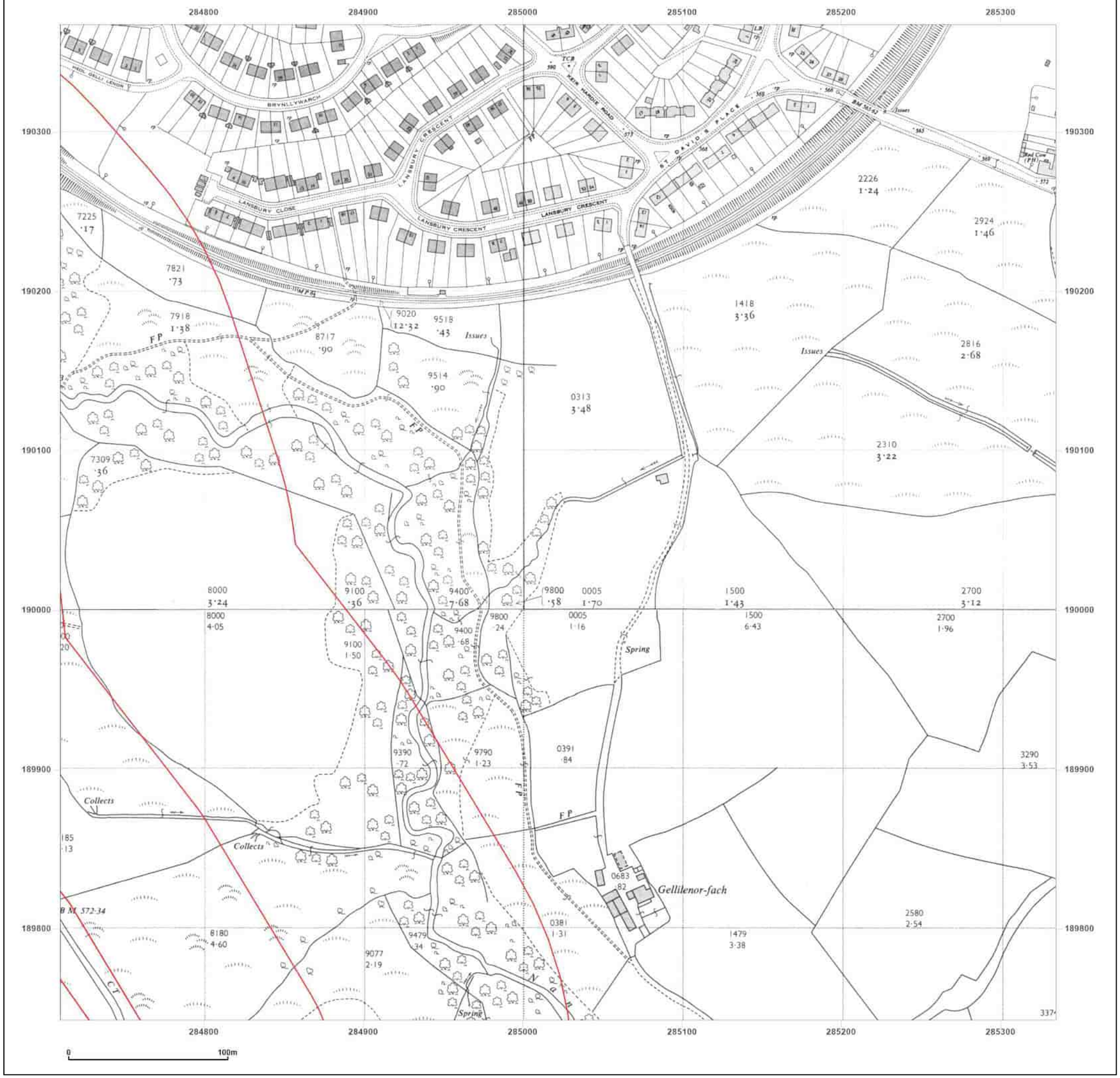
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_5
Grid Ref: 285022, 190055

Map Name: National Grid

Map date: **1962-1964**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition 1962
Copyright 1962
Levelled 1957

Surveyed 1962
Revised 1962
Edition N/A
Copyright 1964
Levelled 1957

Groundsure INSIGHTS

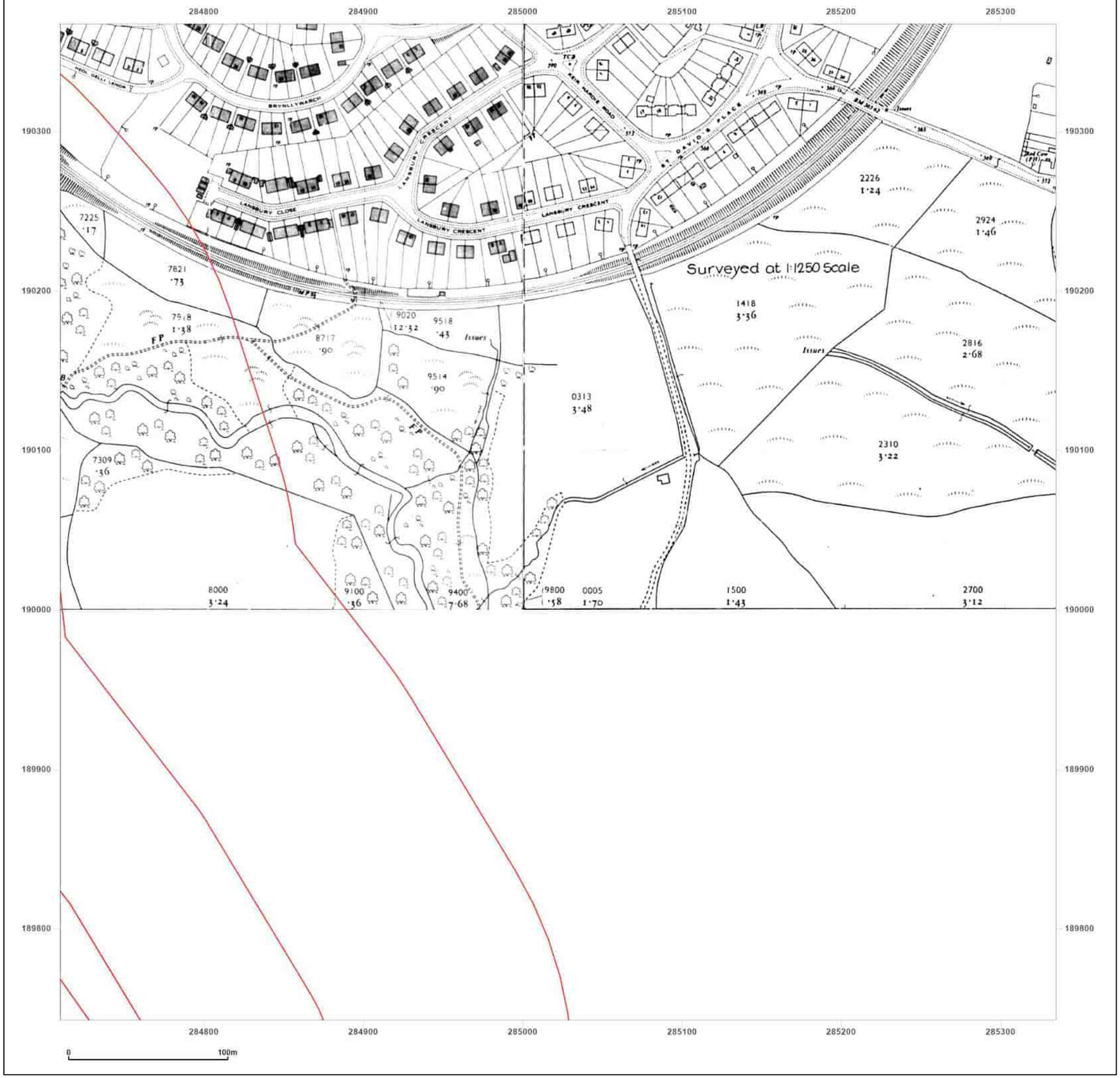
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_5
Grid Ref: 285022, 190055

Map Name: National Grid

Map date: **1986**

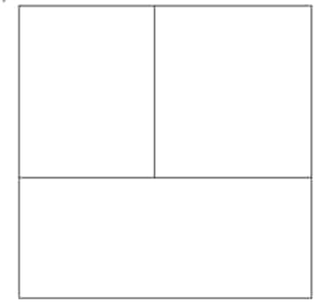
Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1964
Revised 1986
Edition N/A
Copyright 1986
Levelled 1964

Surveyed 1963
Revised 1986
Edition N/A
Copyright 1986
Levelled 1963



Groundsure INSIGHTS

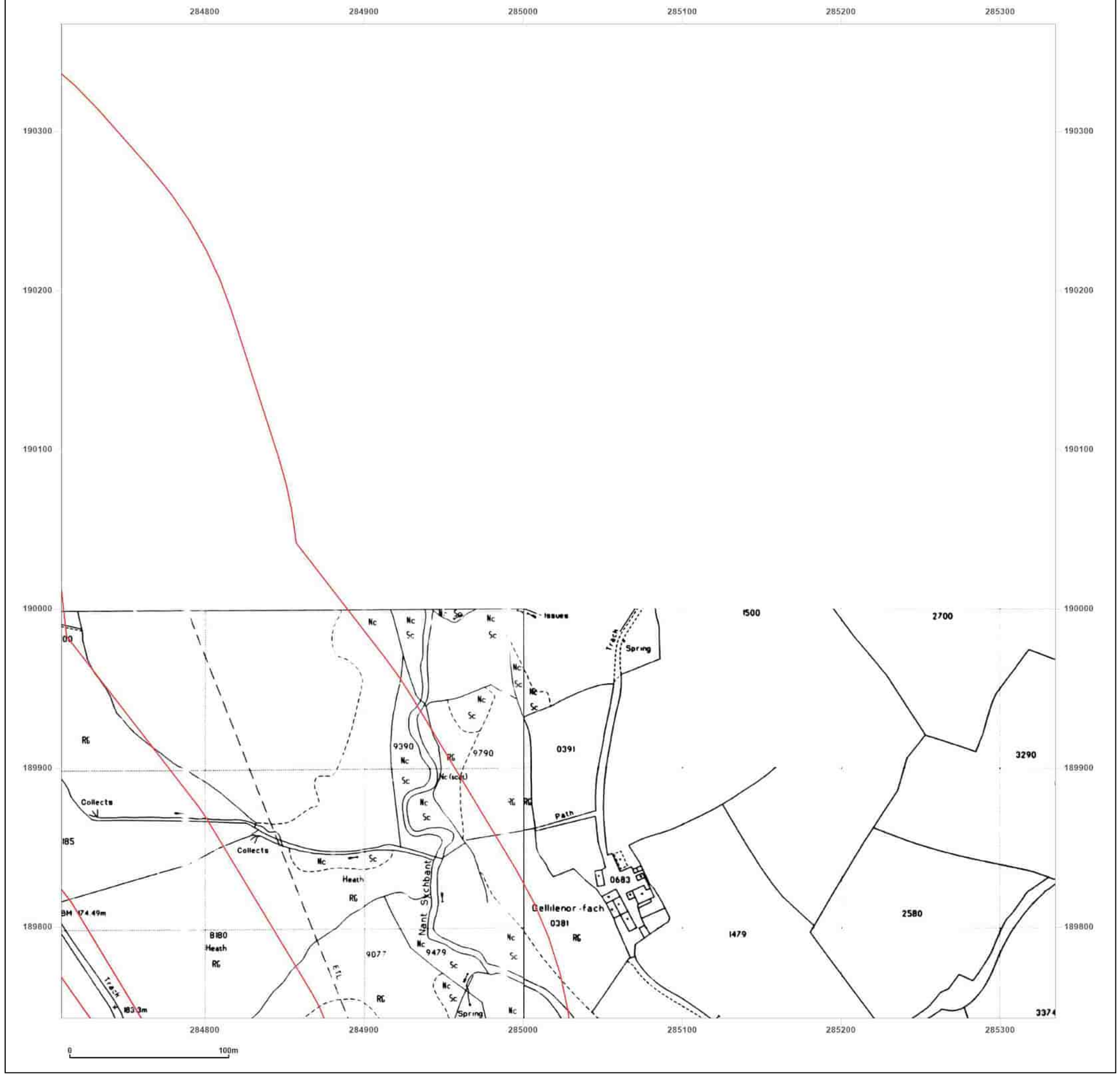
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_5
Grid Ref: 285022, 190055

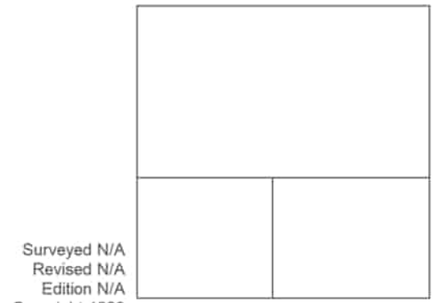
Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



Groundsure INSIGHTS

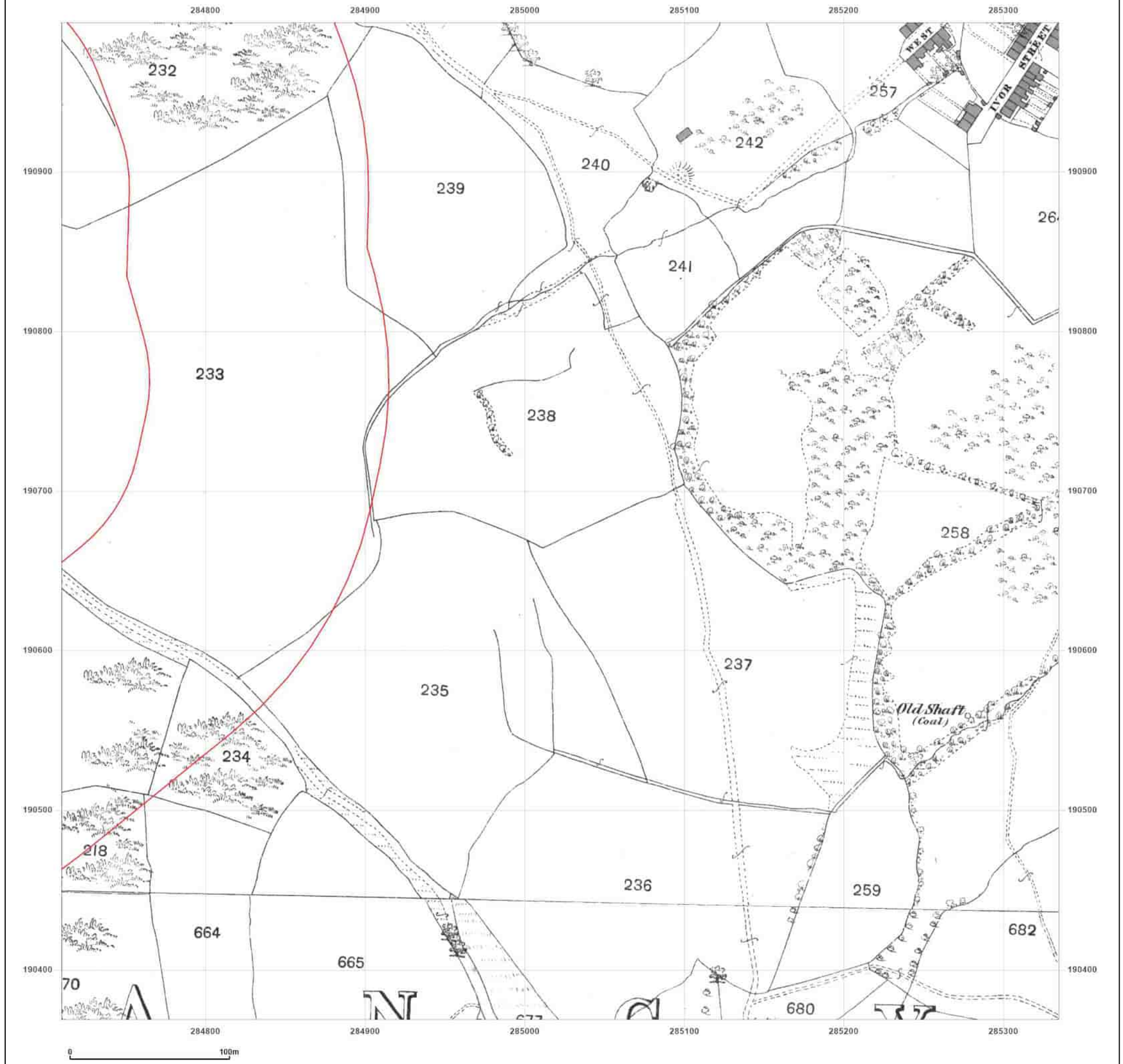
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_6
Grid Ref: 285022, 190681

Map Name: County Series

Map date: **1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

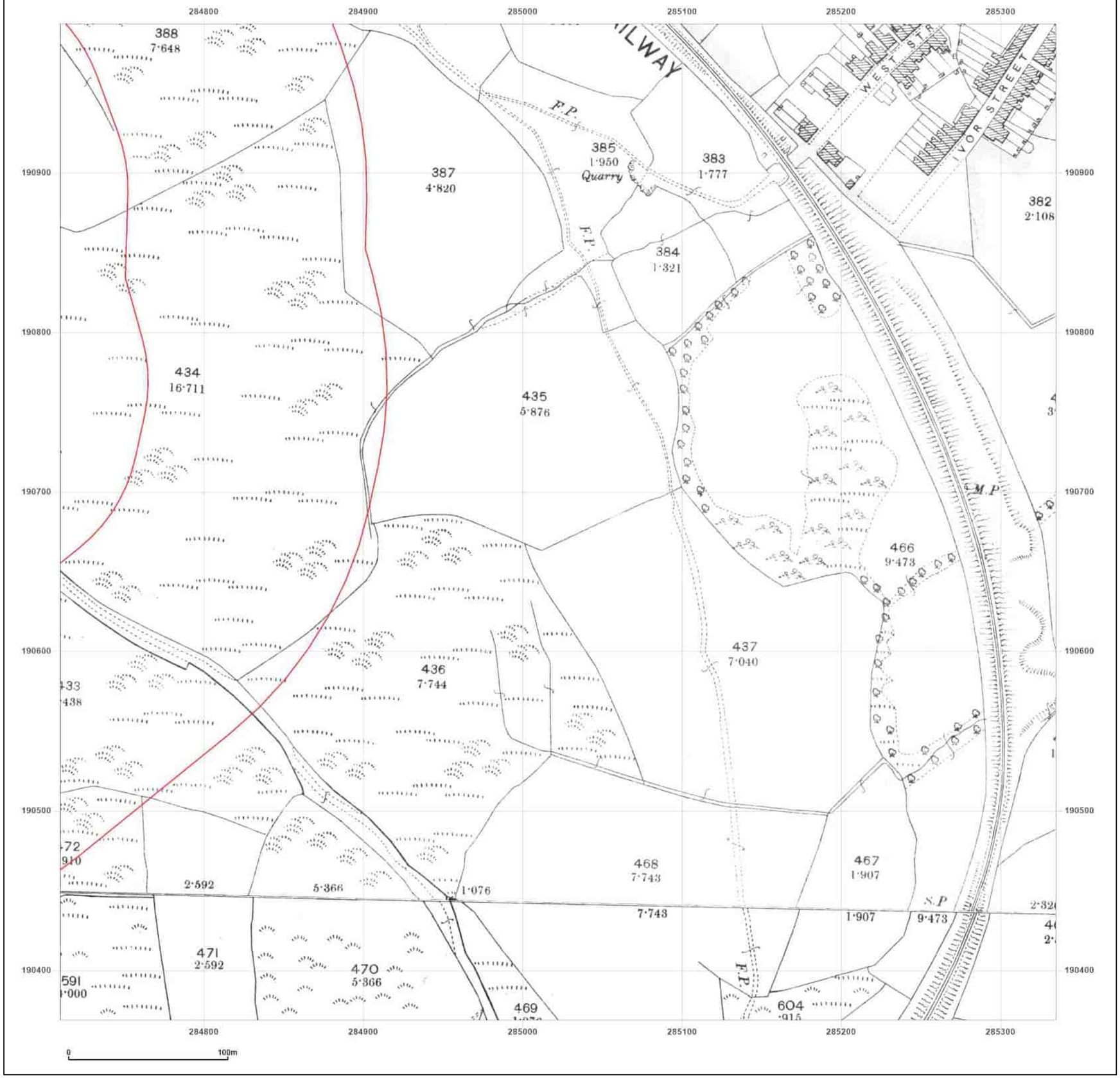
Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_6
Grid Ref: 285022, 190681

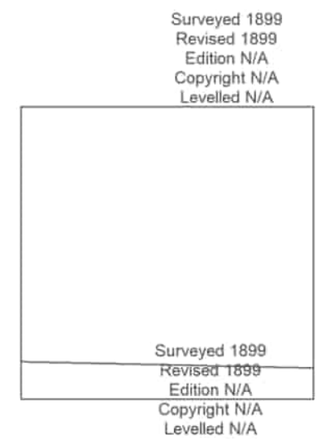
Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



Groundsure INSIGHTS

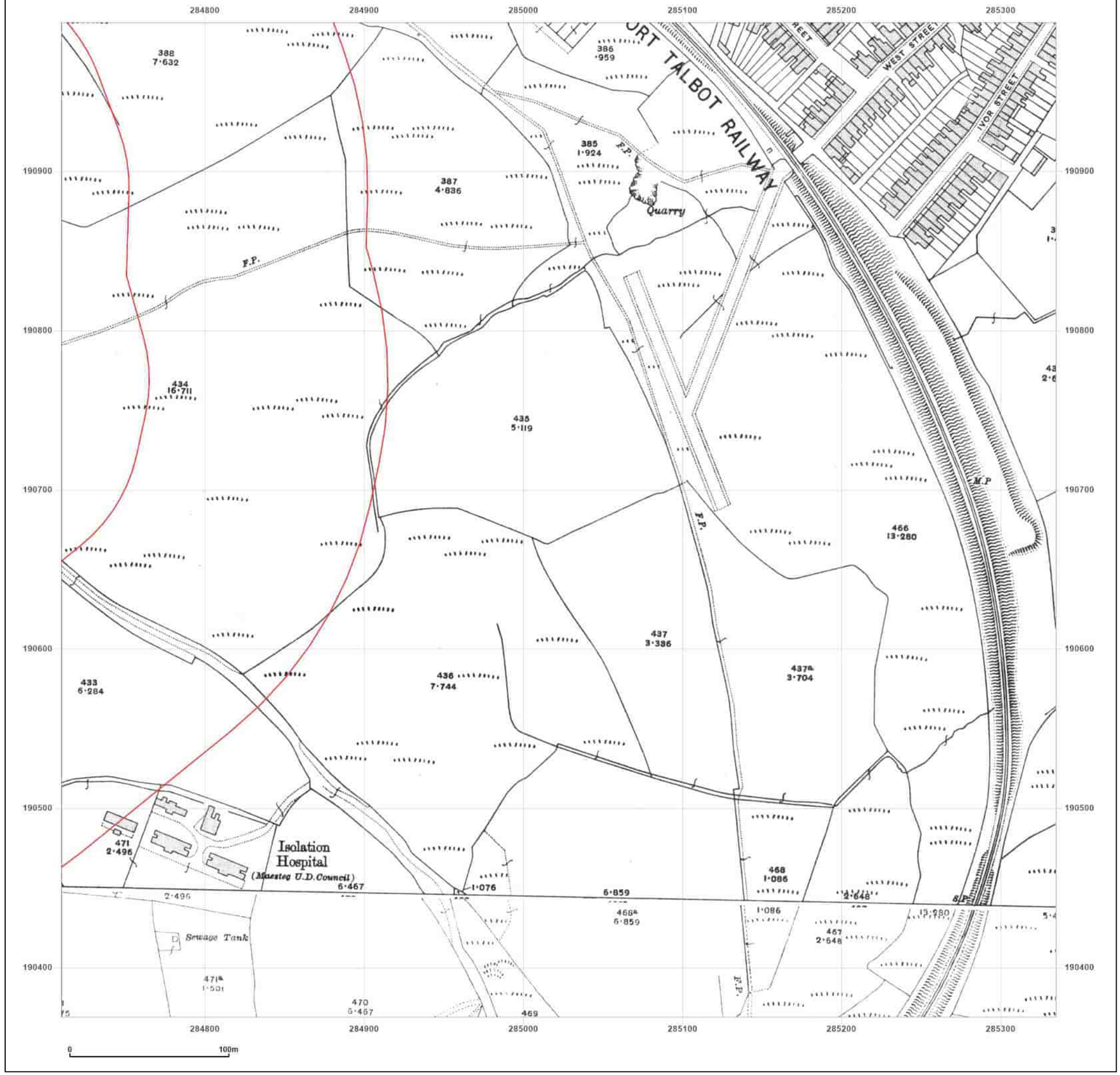
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_6
Grid Ref: 285022, 190681

Map Name: County Series

Map date: **1918-1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

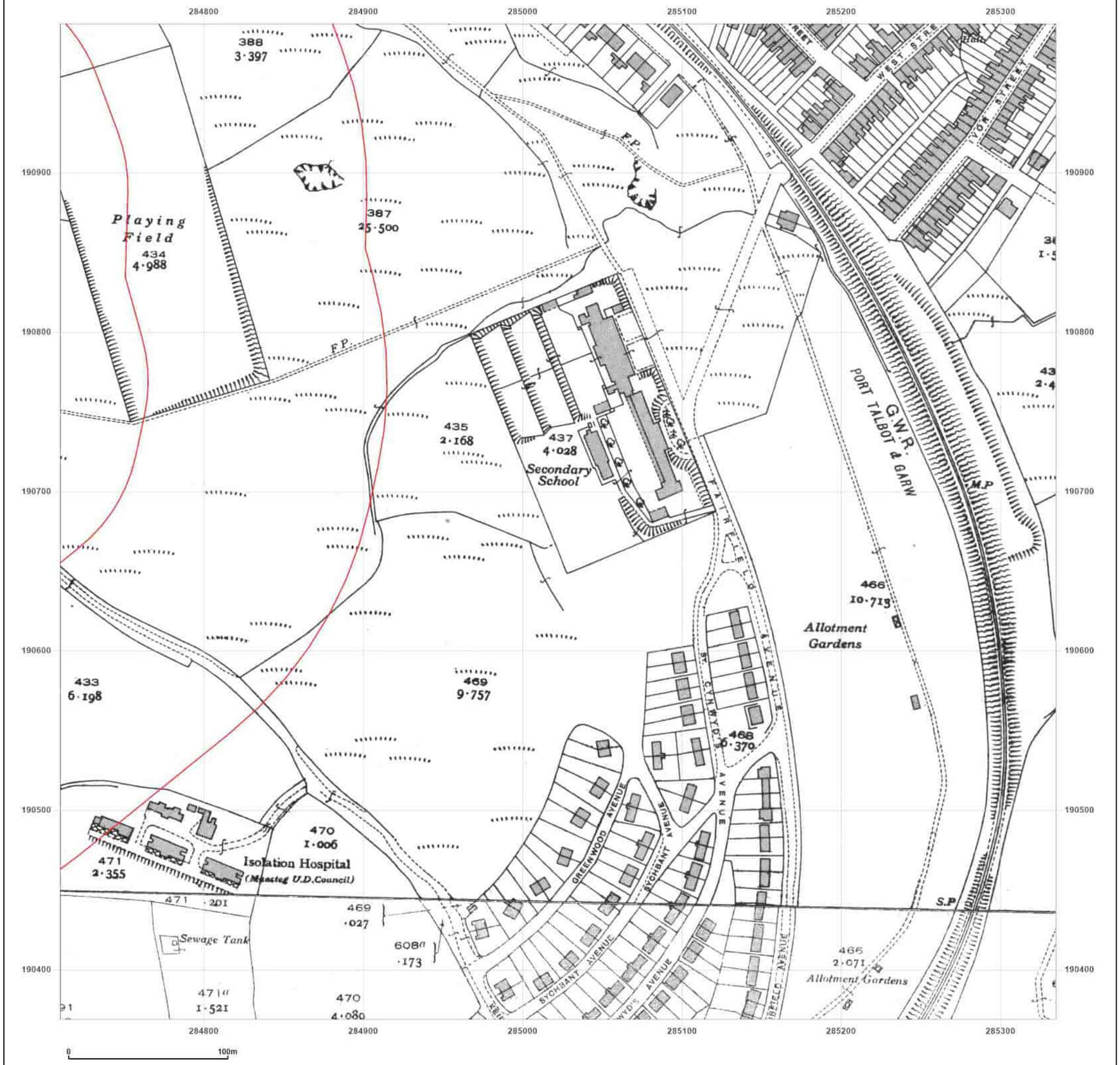
Surveyed 1918
Revised 1918
Edition N/A
Copyright N/A
Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_6
Grid Ref: 285022, 190681

Map Name: County Series

Map date: **1939-1940**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1939
Revised 1939
Edition N/A
Copyright N/A
Levelled N/A

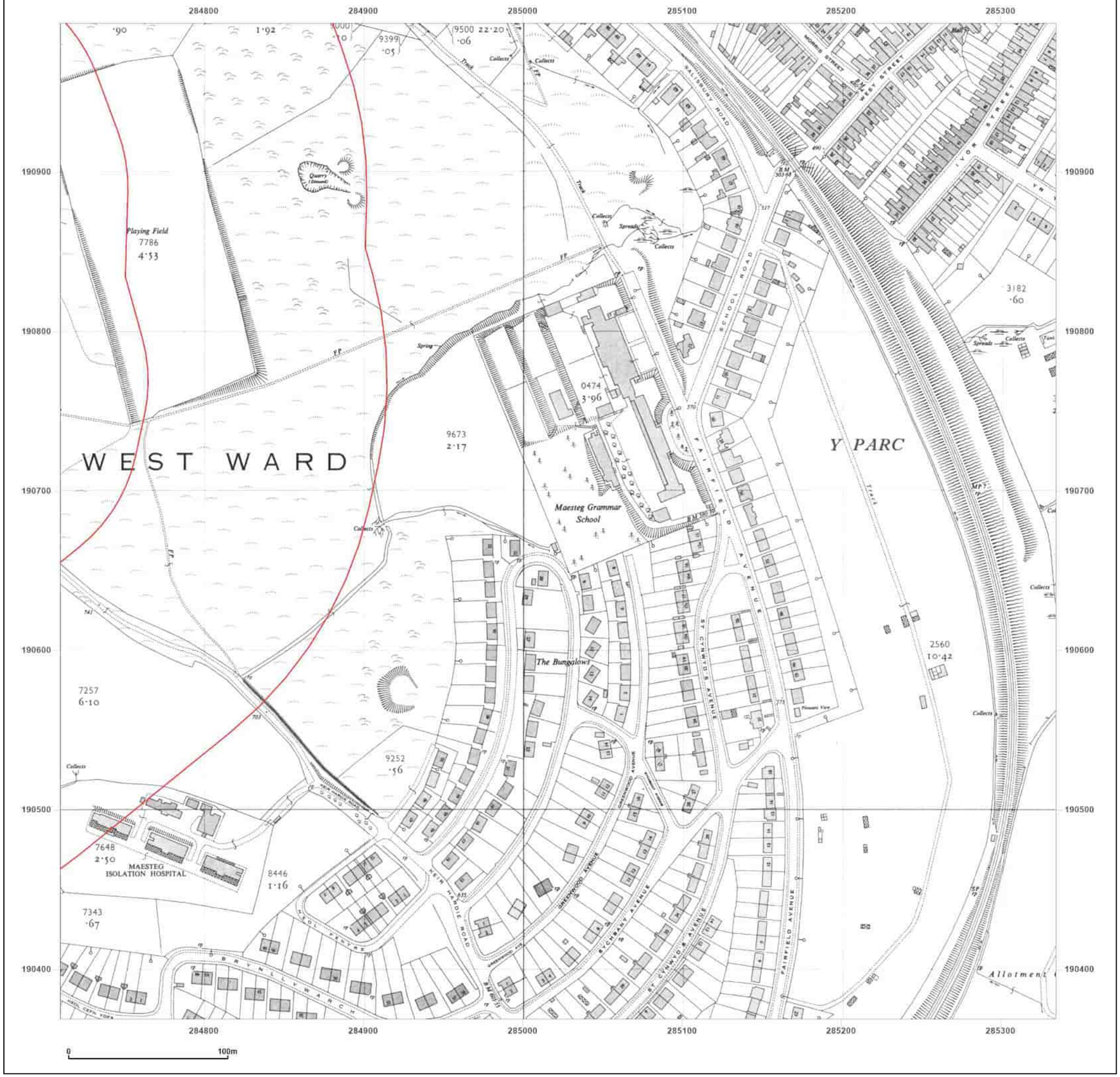
Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_6
Grid Ref: 285022, 190681

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition 1962
Copyright 1962
Levelled 1957

Groundsure INSIGHTS

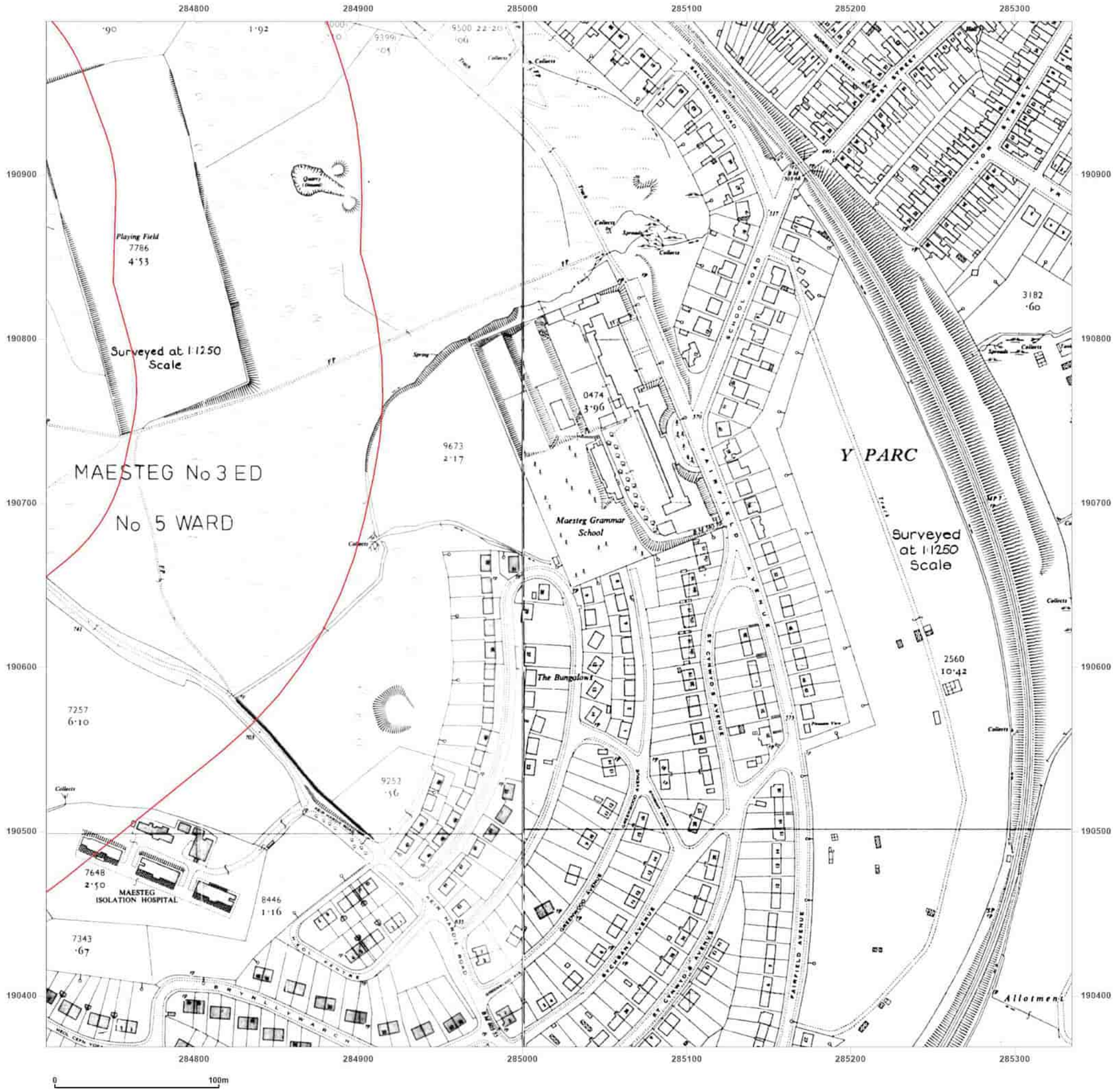
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_6
Grid Ref: 285022, 190681

Map Name: National Grid

Map date: **1986**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1964
Revised 1986
Edition N/A
Copyright 1986
Levelled 1964

Surveyed 1963
Revised 1986
Edition N/A
Copyright 1986
Levelled 1963

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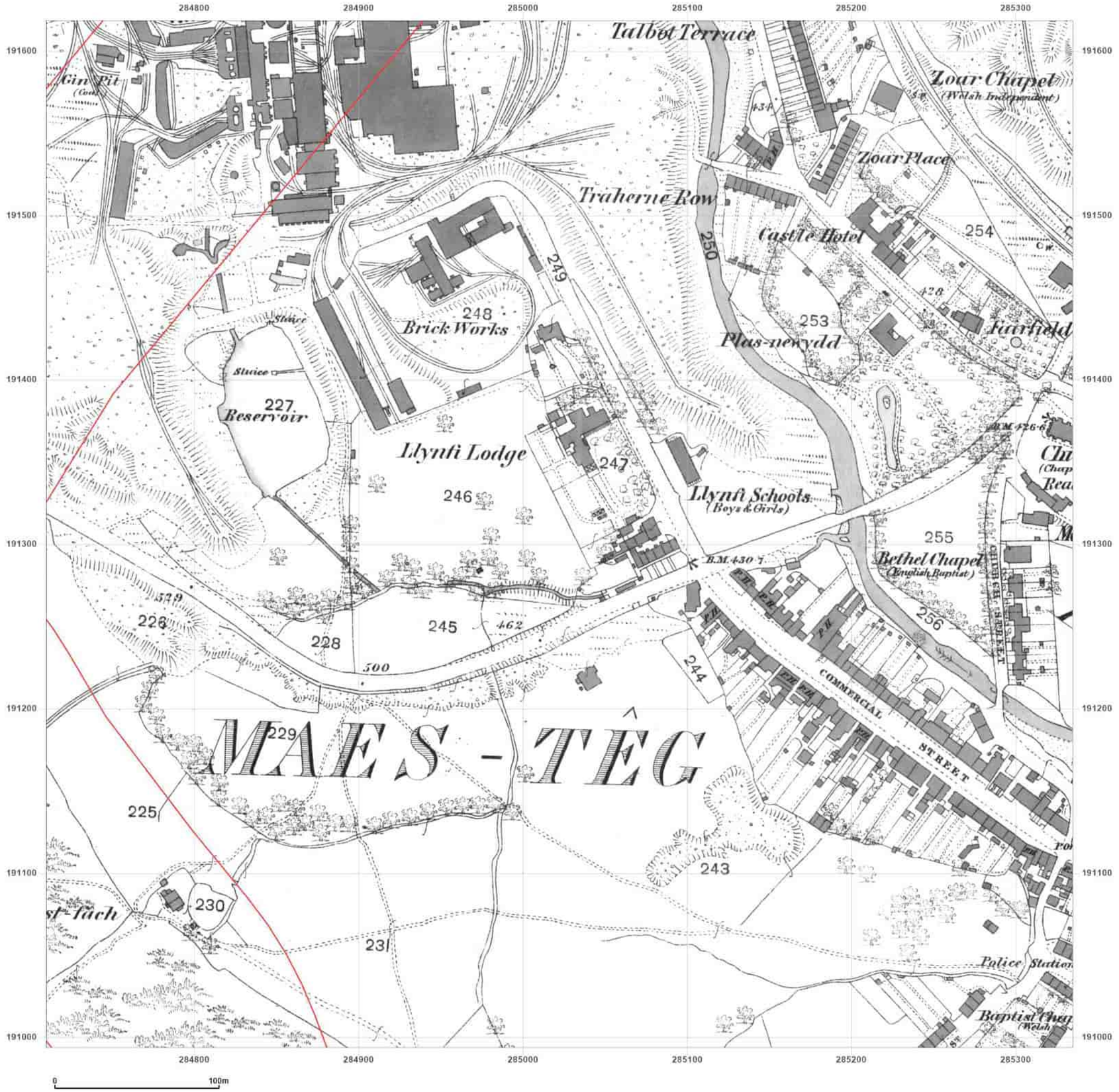
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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_7
Grid Ref: 285022, 191306

Map Name: County Series

Map date: **1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

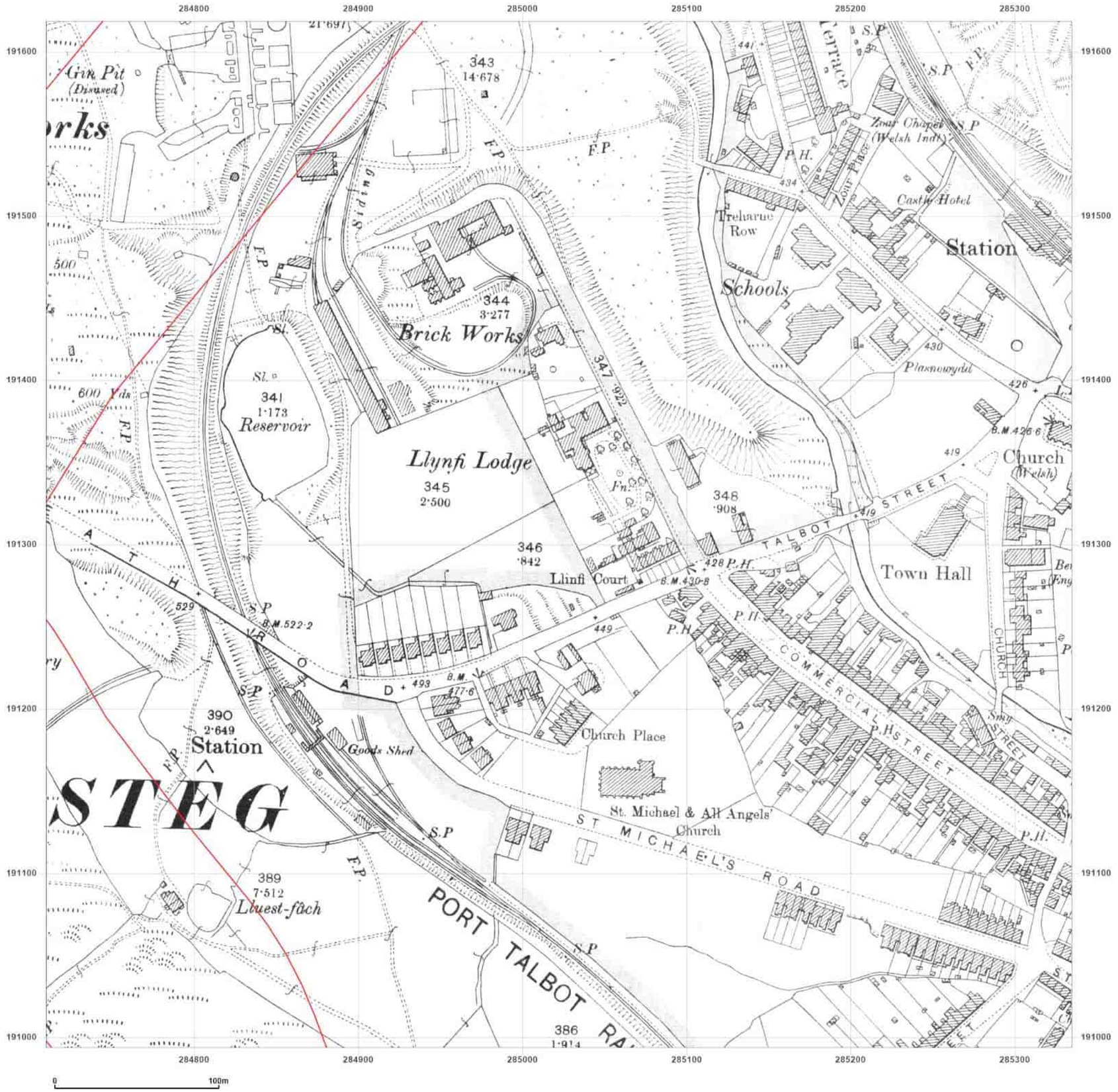
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Production date: 04 March 2025

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_7
Grid Ref: 285022, 191306

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

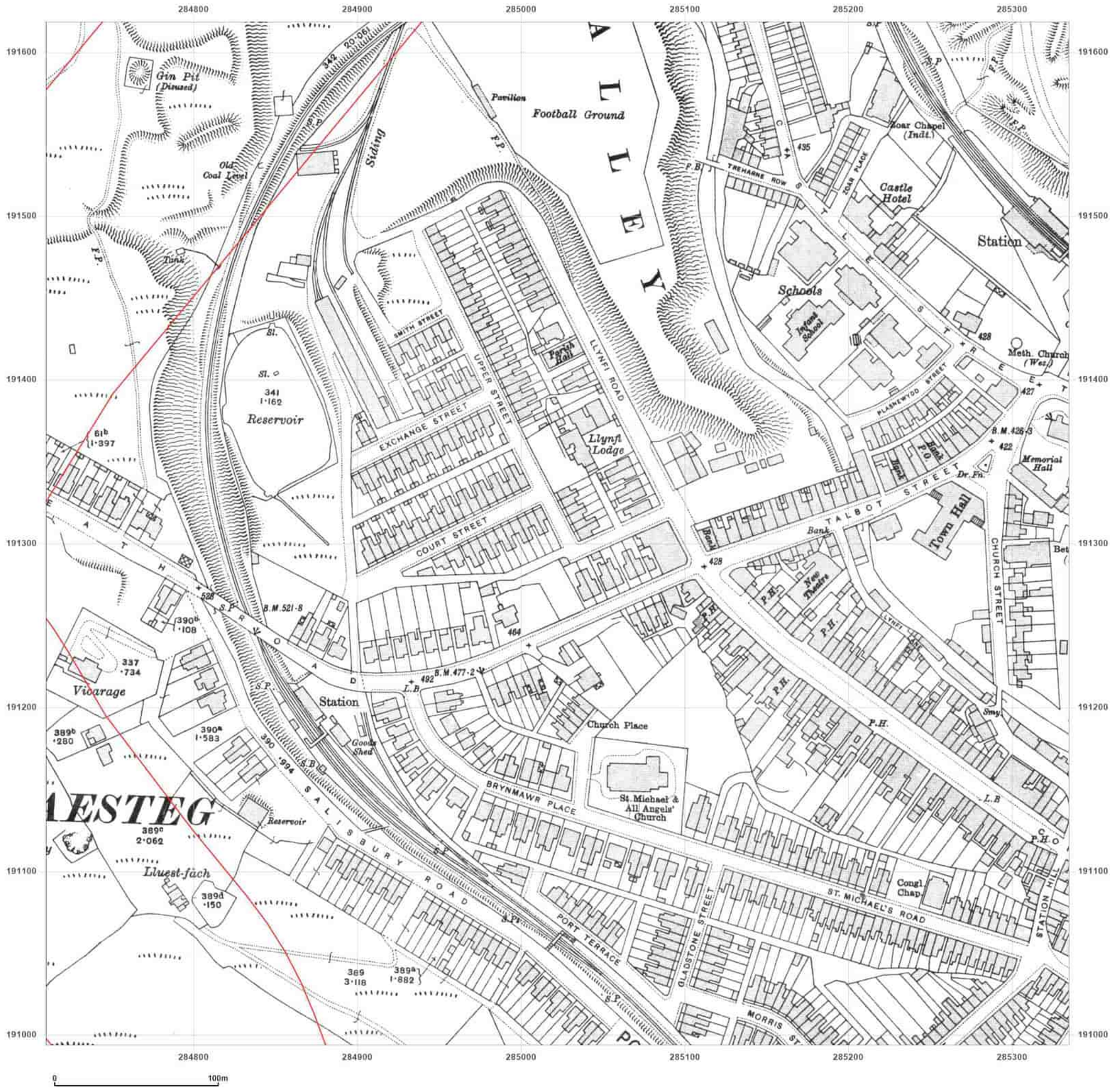
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_7
Grid Ref: 285022, 191306

Map Name: County Series

Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_7
Grid Ref: 285022, 191306

Map Name: County Series

Map date: **1939**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1939
Revised 1939
Edition N/A
Copyright N/A
Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_7
Grid Ref: 285022, 191306

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition 1962
Copyright 1962
Levelled 1957

Surveyed 1961
Revised 1961
Edition 1962
Copyright 1962
Levelled 1957

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_7
Grid Ref: 285022, 191306

Map Name: National Grid

Map date: **1986-1987**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1963
Revised 1987
Edition N/A
Copyright 1987
Levelled 1963

Surveyed 1963
Revised 1987
Edition N/A
Copyright 1987
Levelled 1963

Surveyed 1964
Revised 1986
Edition N/A
Copyright 1986
Levelled 1964

Surveyed 1963
Revised 1986
Edition N/A
Copyright 1986
Levelled 1963

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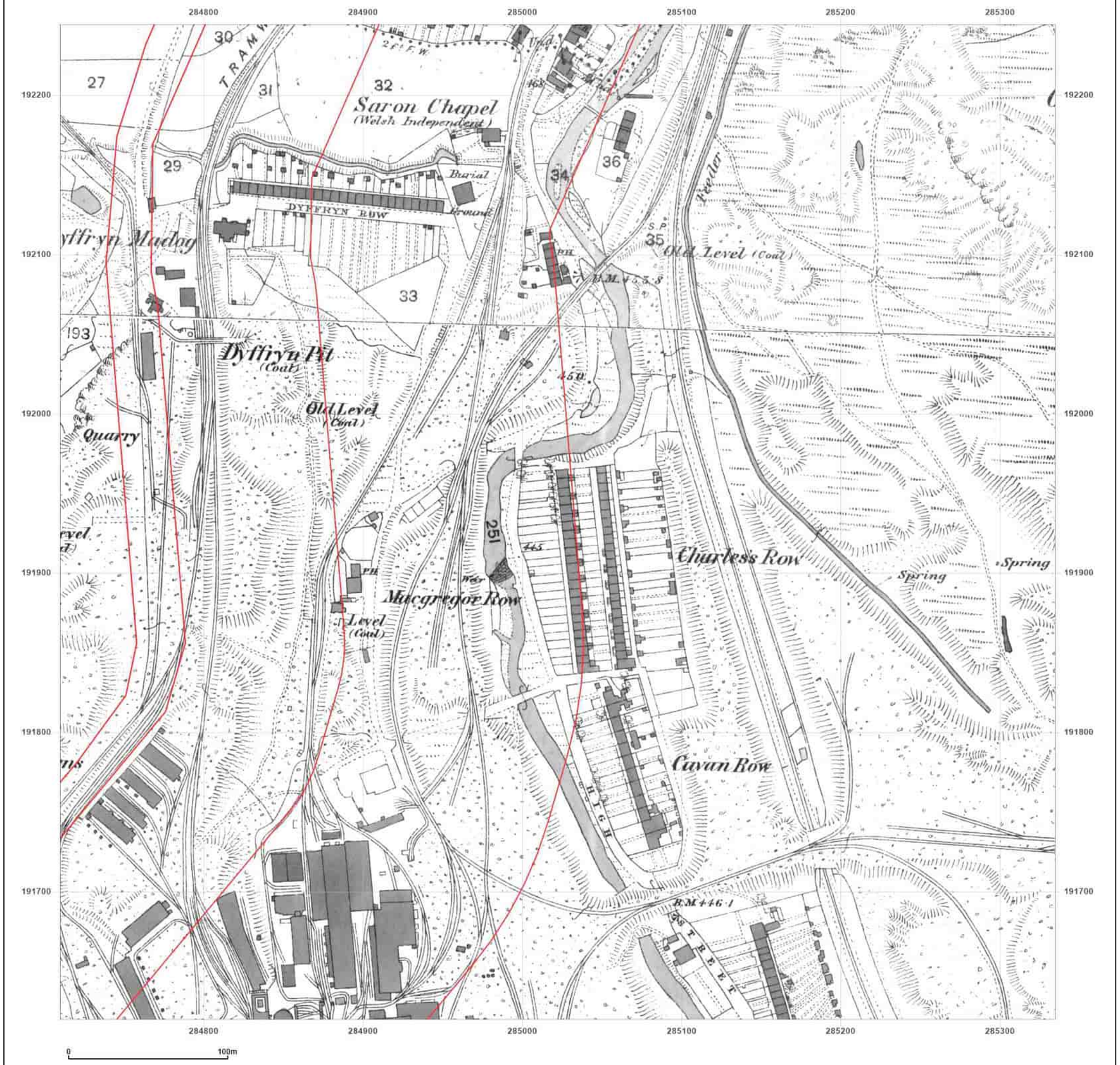
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_8
Grid Ref: 285022, 191932

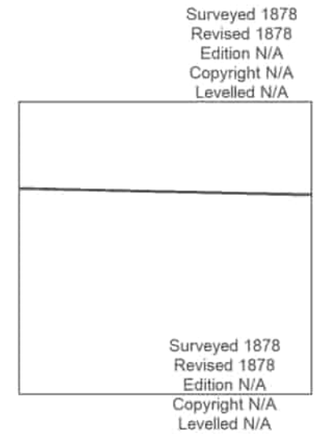
Map Name: County Series

Map date: **1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



Groundsure INSIGHTS

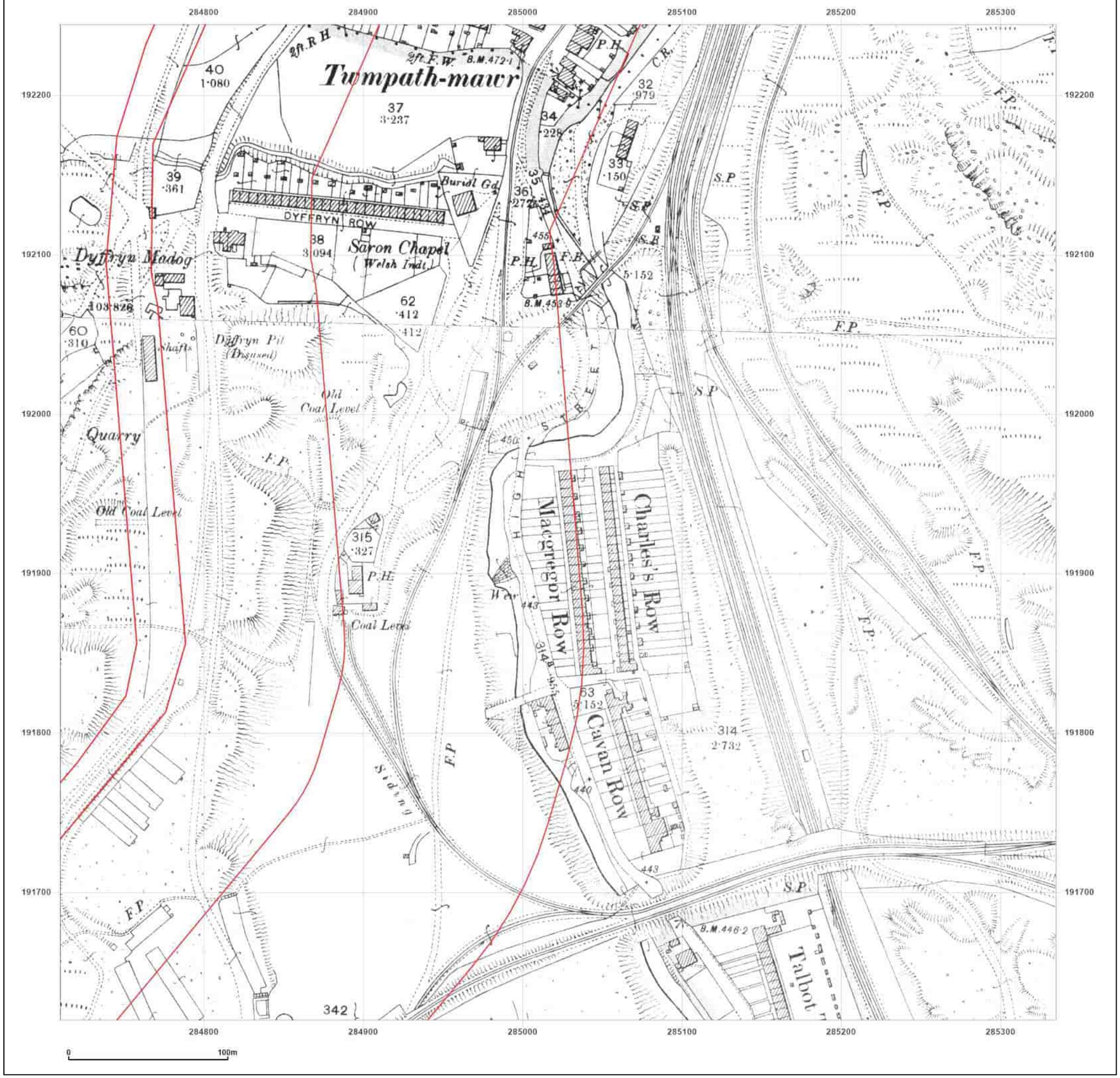
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wsp

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_8
Grid Ref: 285022, 191932

Map Name: County Series

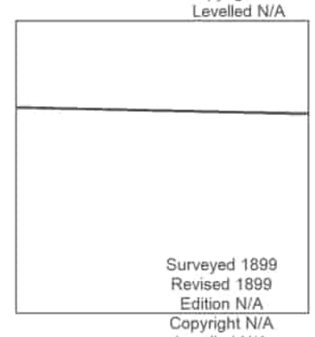
Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_8
Grid Ref: 285022, 191932

Map Name: County Series

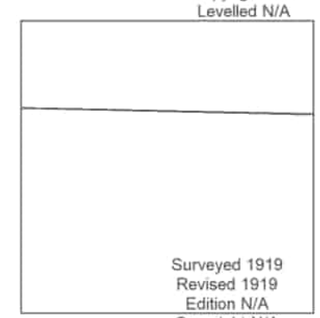
Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A



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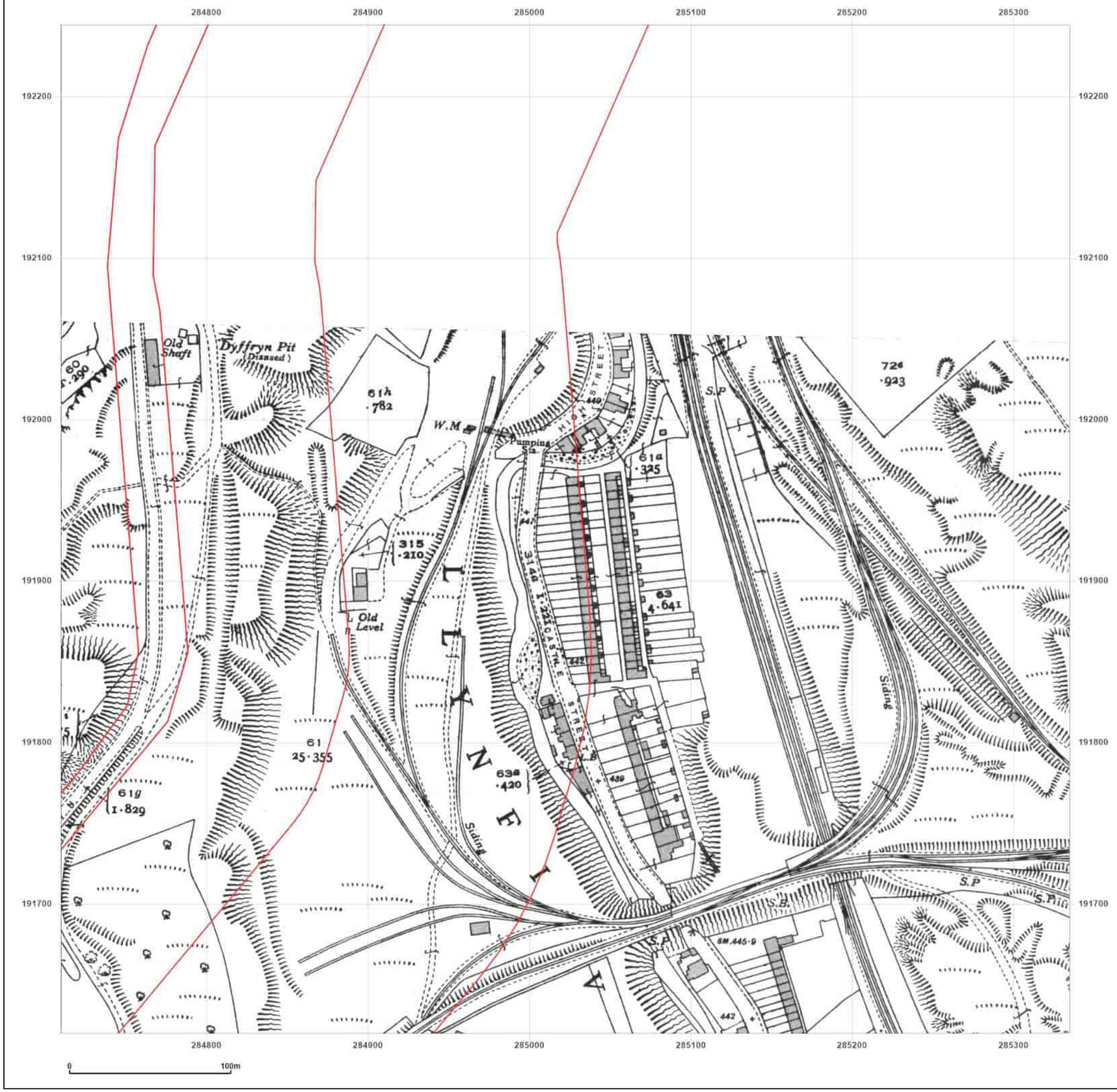
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wsp

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_8
Grid Ref: 285022, 191932

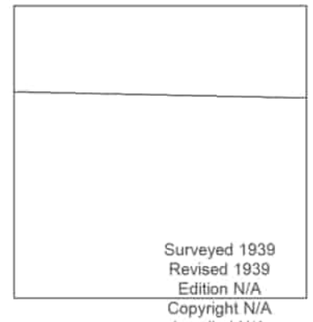
Map Name: County Series

Map date: **1939**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



Groundsure INSIGHTS

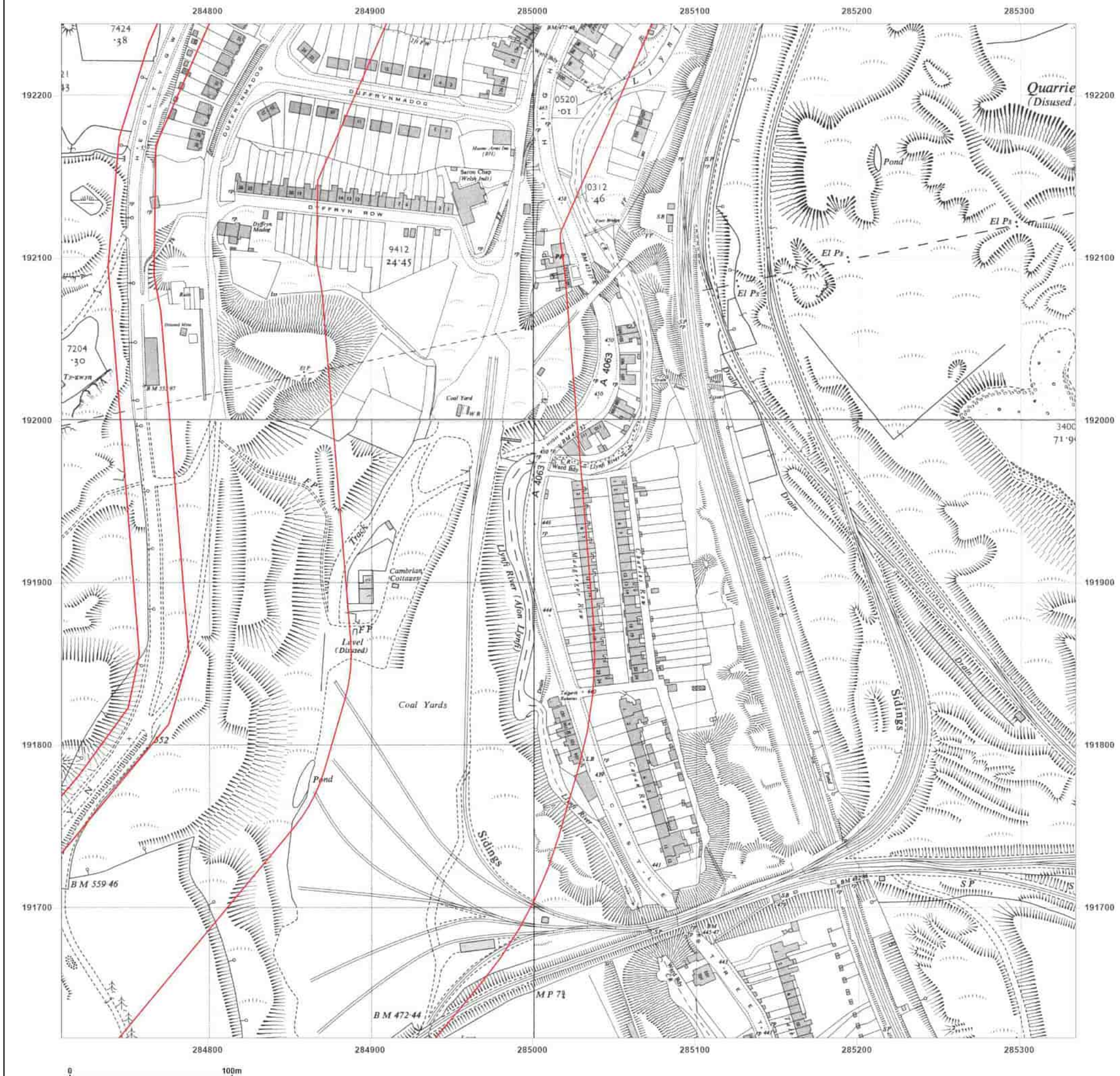
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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_8
Grid Ref: 285022, 191932

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition 1962
Copyright 1962
Levelled 1957

Surveyed 1961
Revised 1961
Edition 1962
Copyright 1962
Levelled 1957

Groundsure INSIGHTS

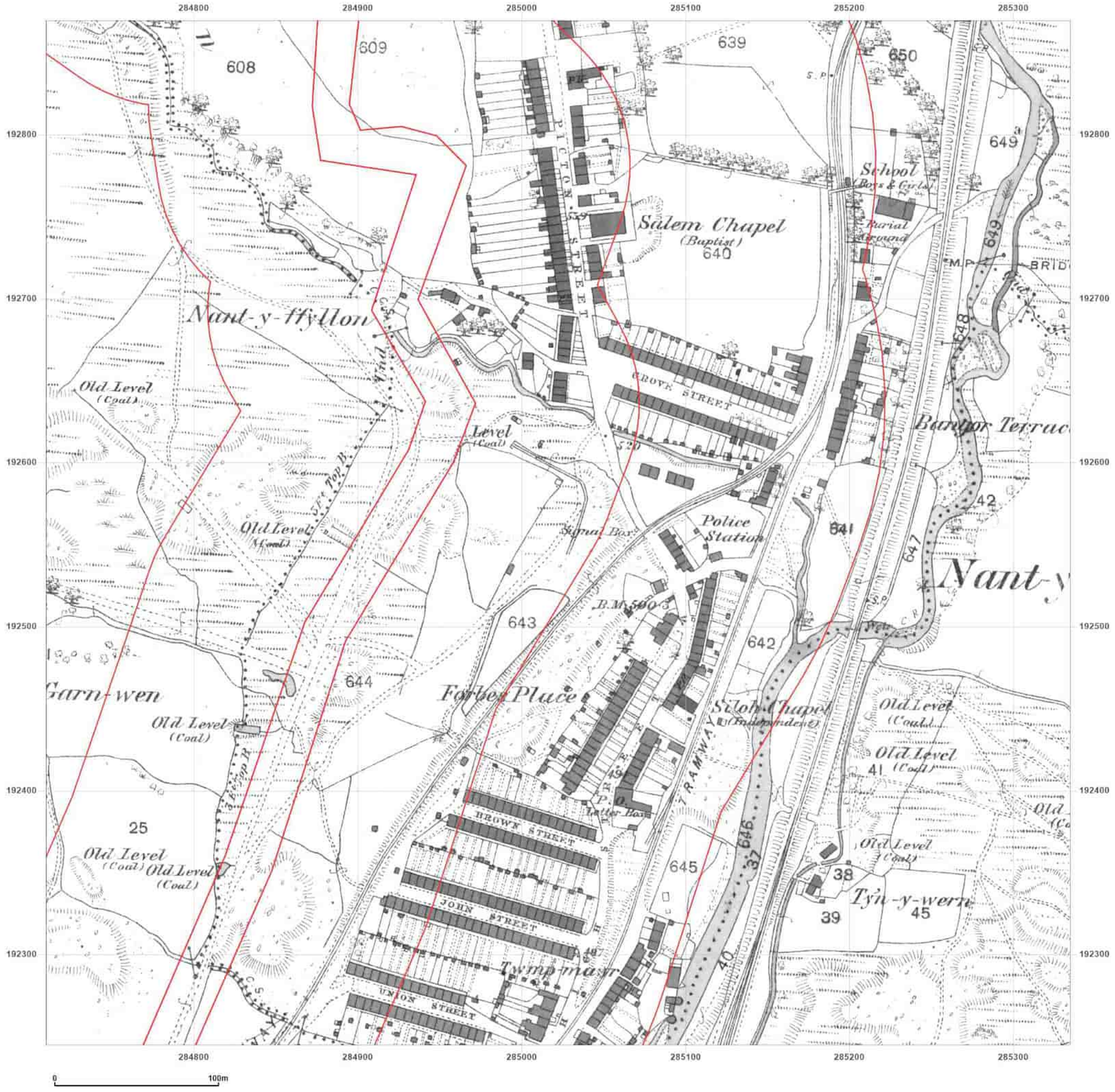
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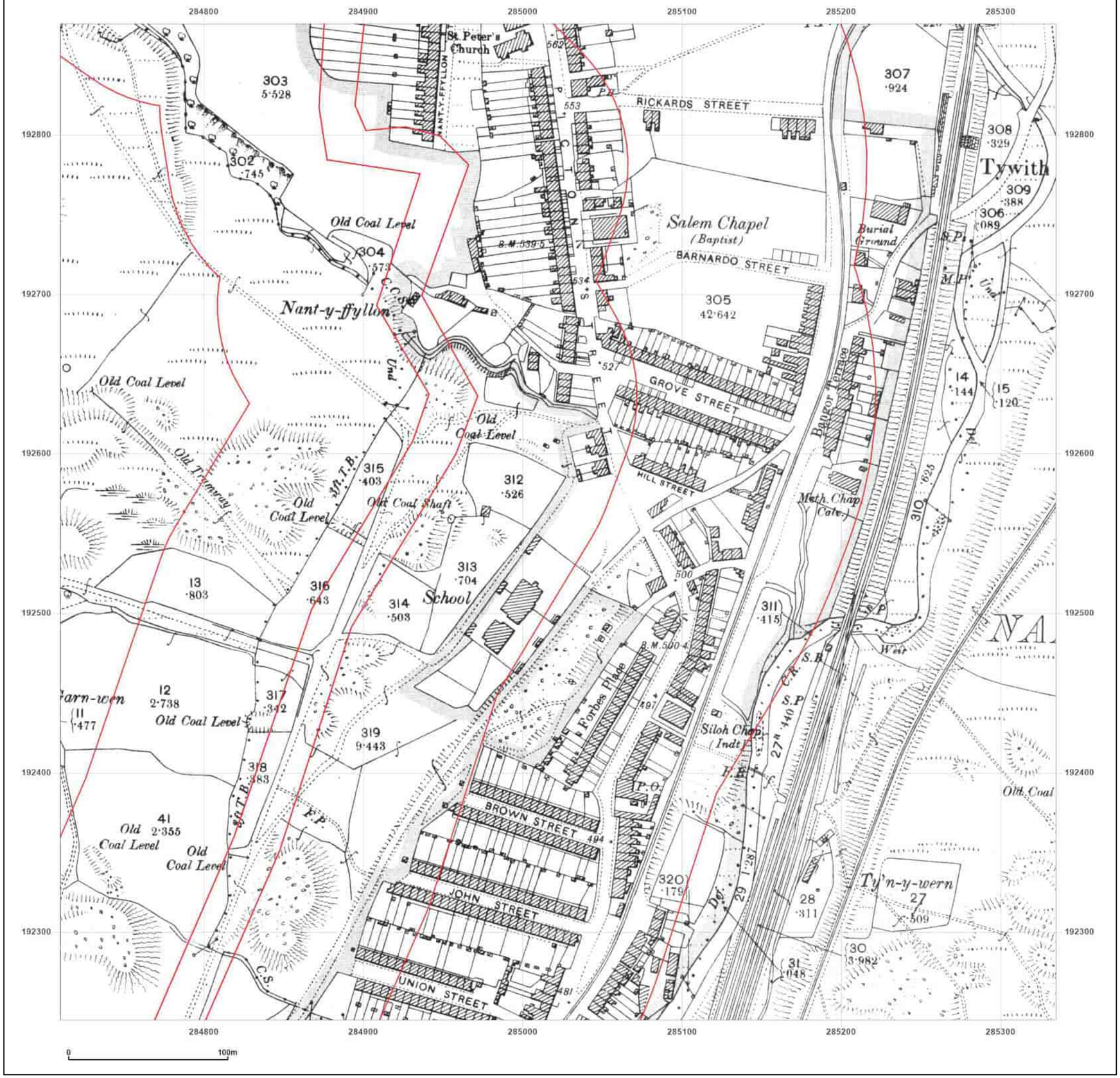
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284800
284900
285000
285100
285200
285300
192800
192700
192600
192500
192400
192300
608
609
639
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643
644
645
647
Salem Chapel
(Baptist)
School
(Boys & Girls)
Burial Ground
PICTON STREET
GROVE STREET
BROWN STREET
JOHN STREET
UNION STREET
Nant-y-ffyllon
Old Level
(Coal)
Level
(Coal)
Old Level
(Coal)
Old Level
(Coal)
Old



Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_9
Grid Ref: 285022, 192557

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

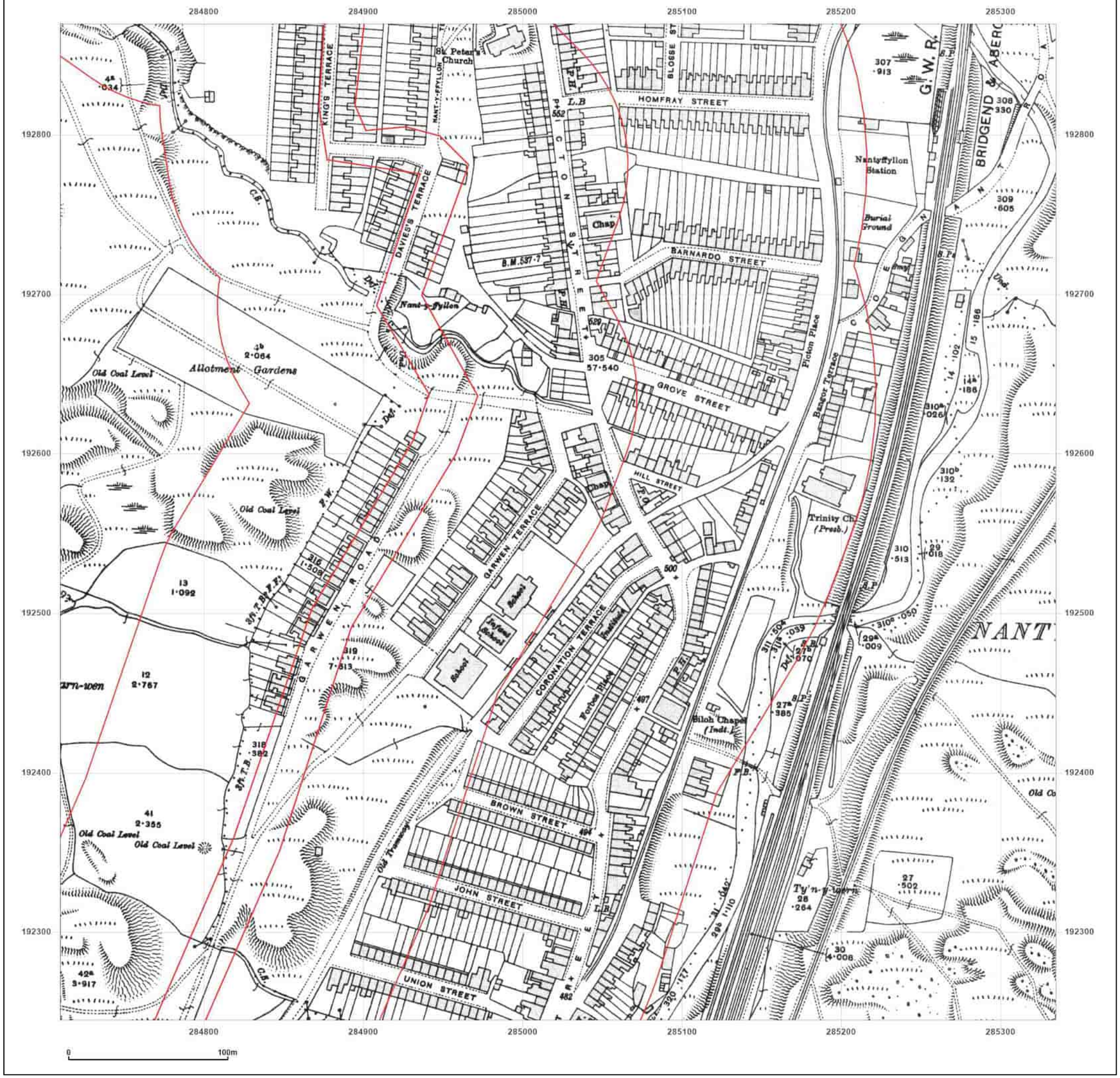
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_9
Grid Ref: 285022, 192557

Map Name: County Series

Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1919
Revised 1919
Edition N/A
~~Copyright N/A~~
Levelled N/A

Groundsure INSIGHTS

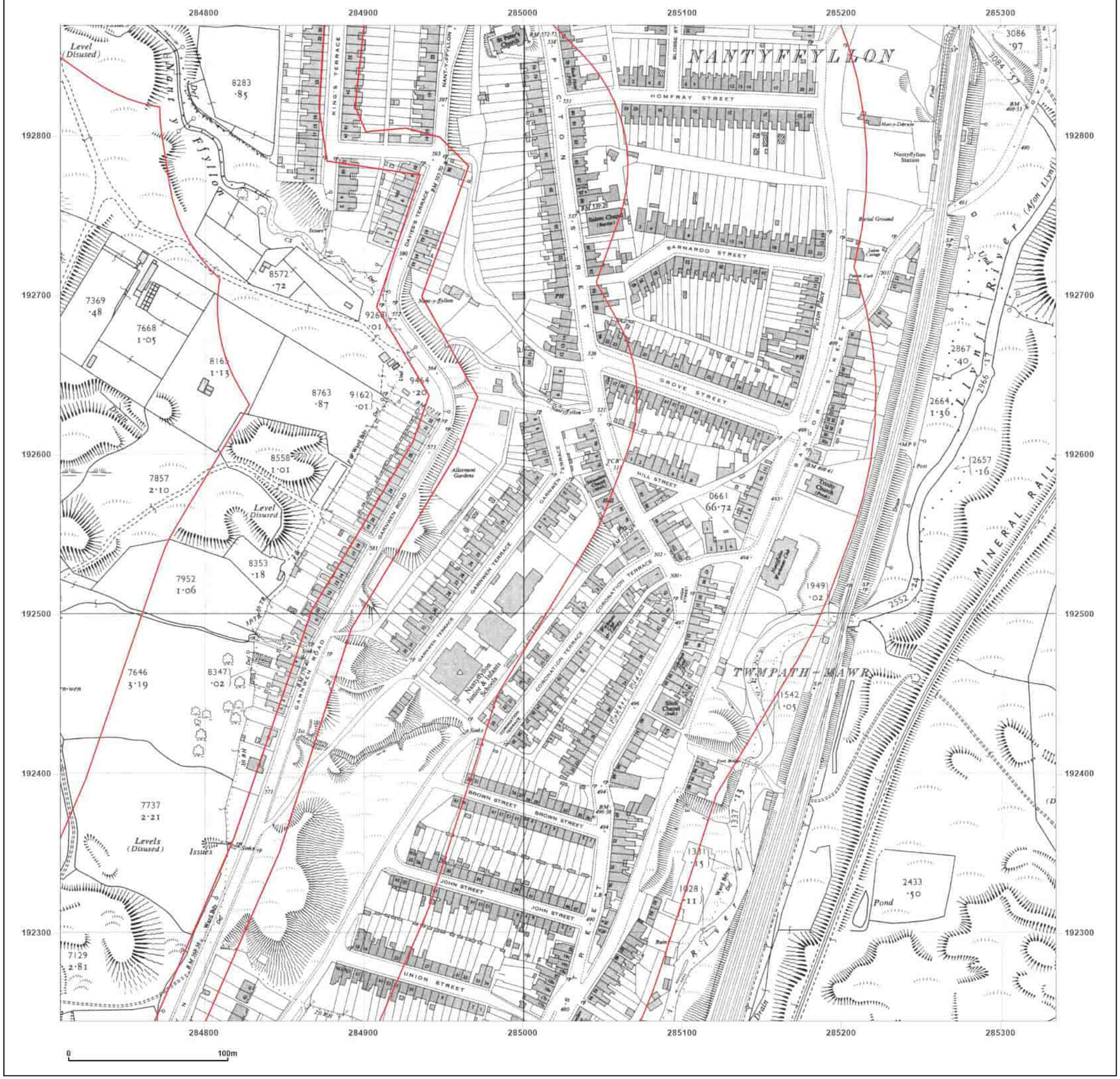
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_9
Grid Ref: 285022, 192557

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition 1962
Copyright 1962
Levelled 1957

Groundsure INSIGHTS

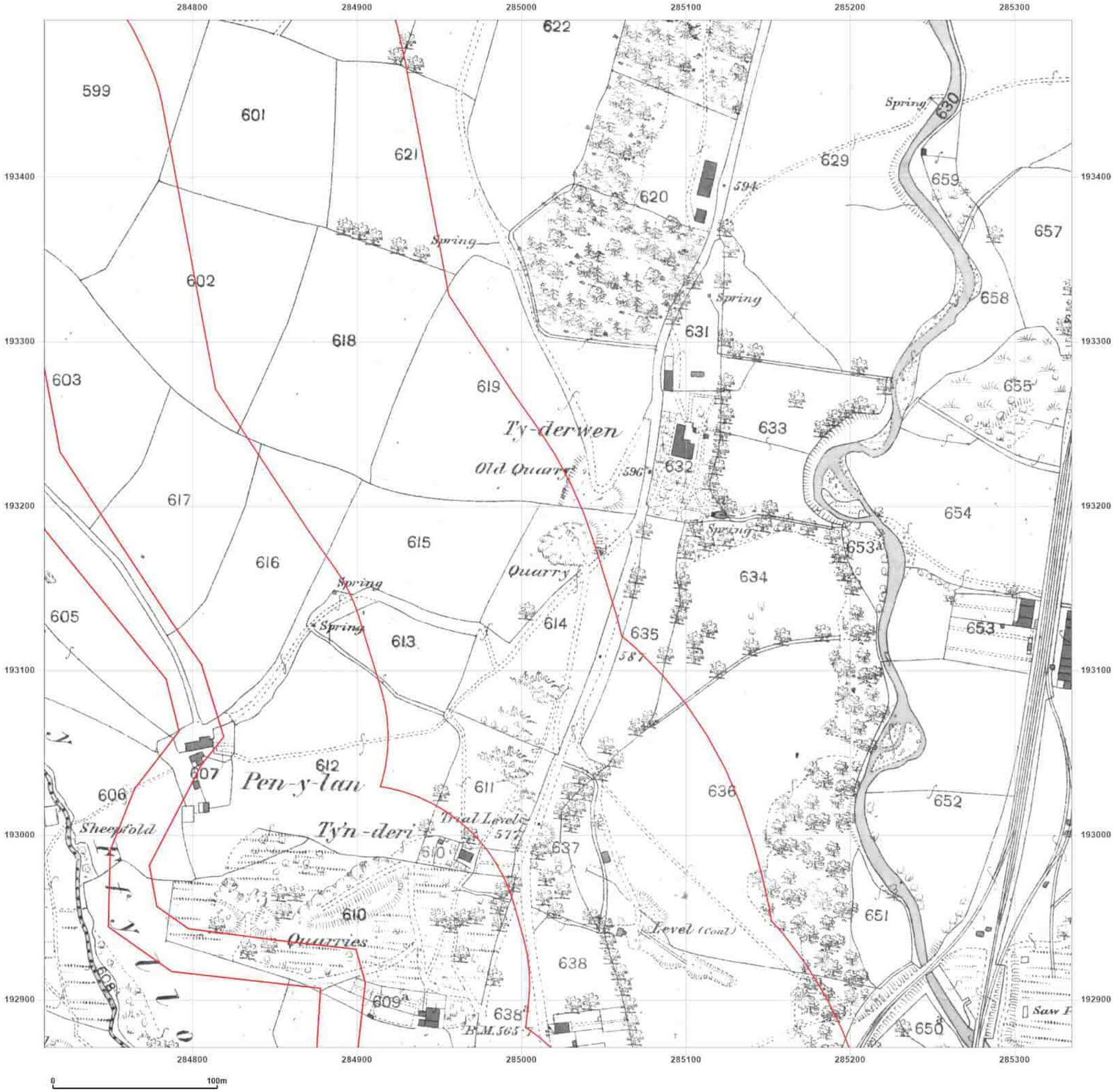
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_10
Grid Ref: 285022, 193183

Map Name: County Series

Map date: **1878**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

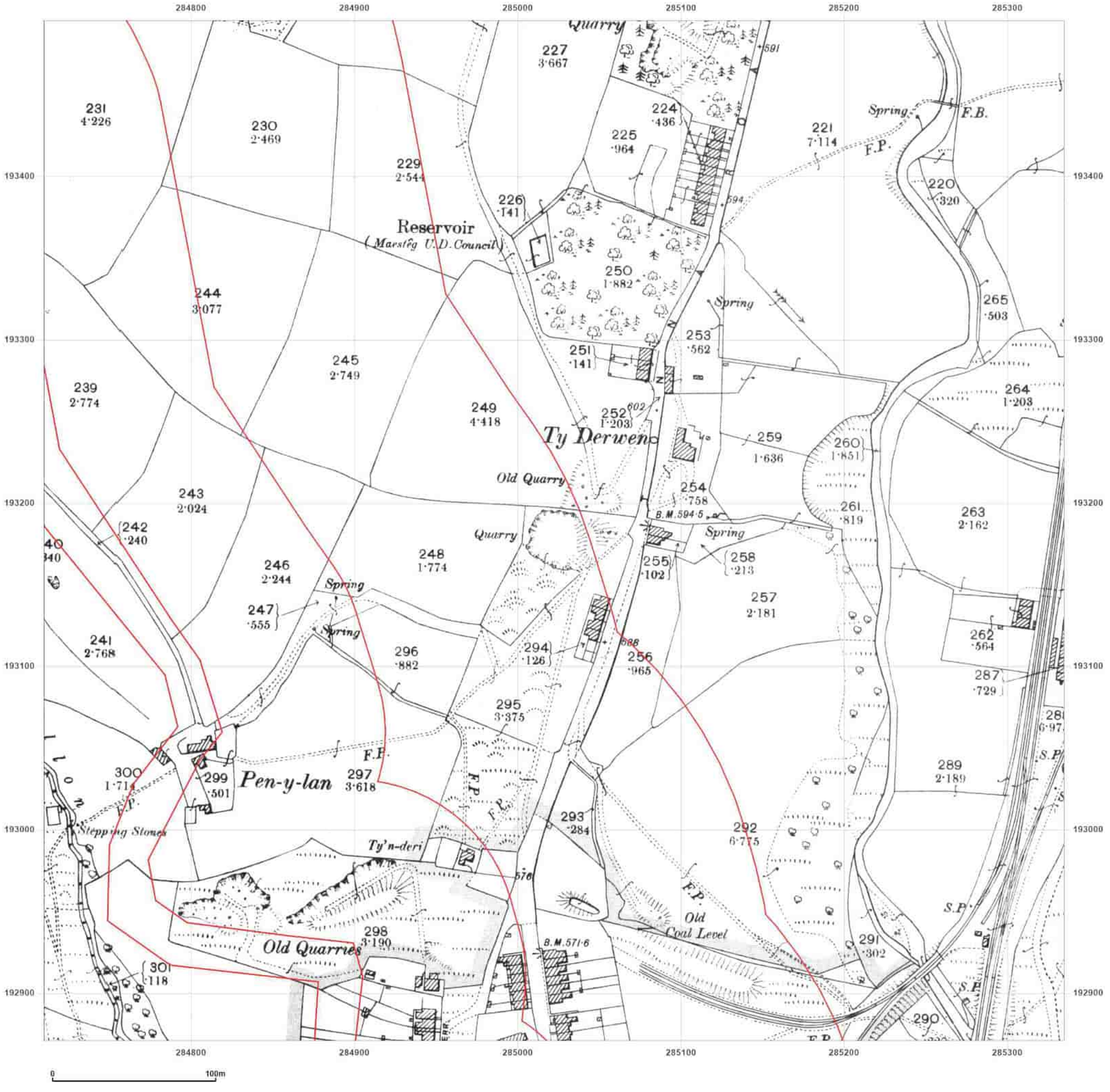
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wsp

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_10
Grid Ref: 285022, 193183

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_10
Grid Ref: 285022, 193183

Map Name: County Series

Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_10
Grid Ref: 285022, 193183

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1960
Revised 1960
Edition 1962
Copyright 1962
Levelled 1949

Surveyed 1961
Revised 1961
Edition 1962
Copyright 1962
Levelled 1957

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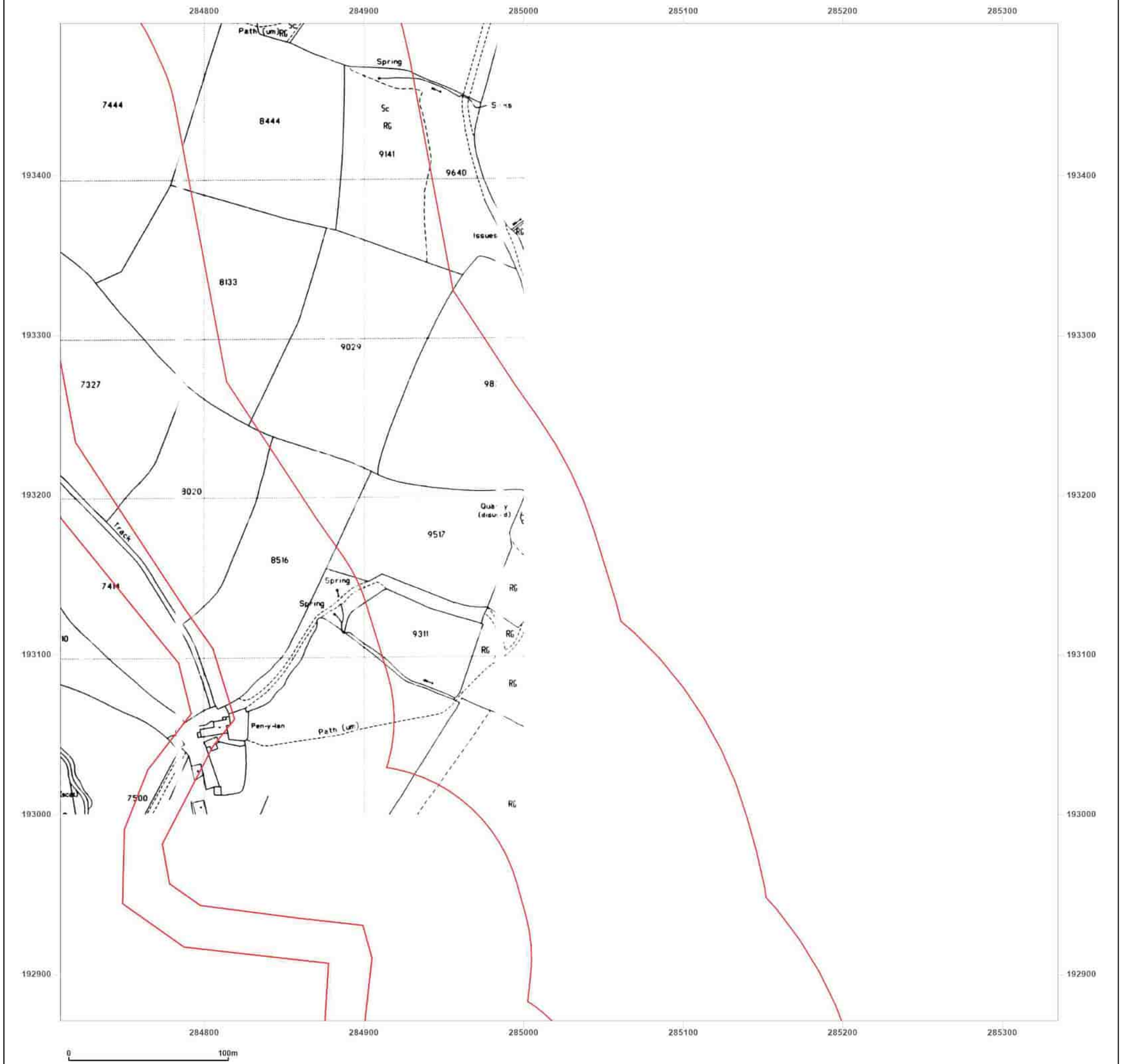
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_10
Grid Ref: 285022, 193183

Map Name: National Grid

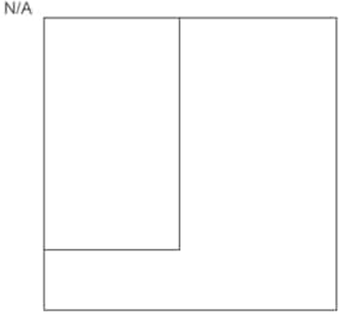
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Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A



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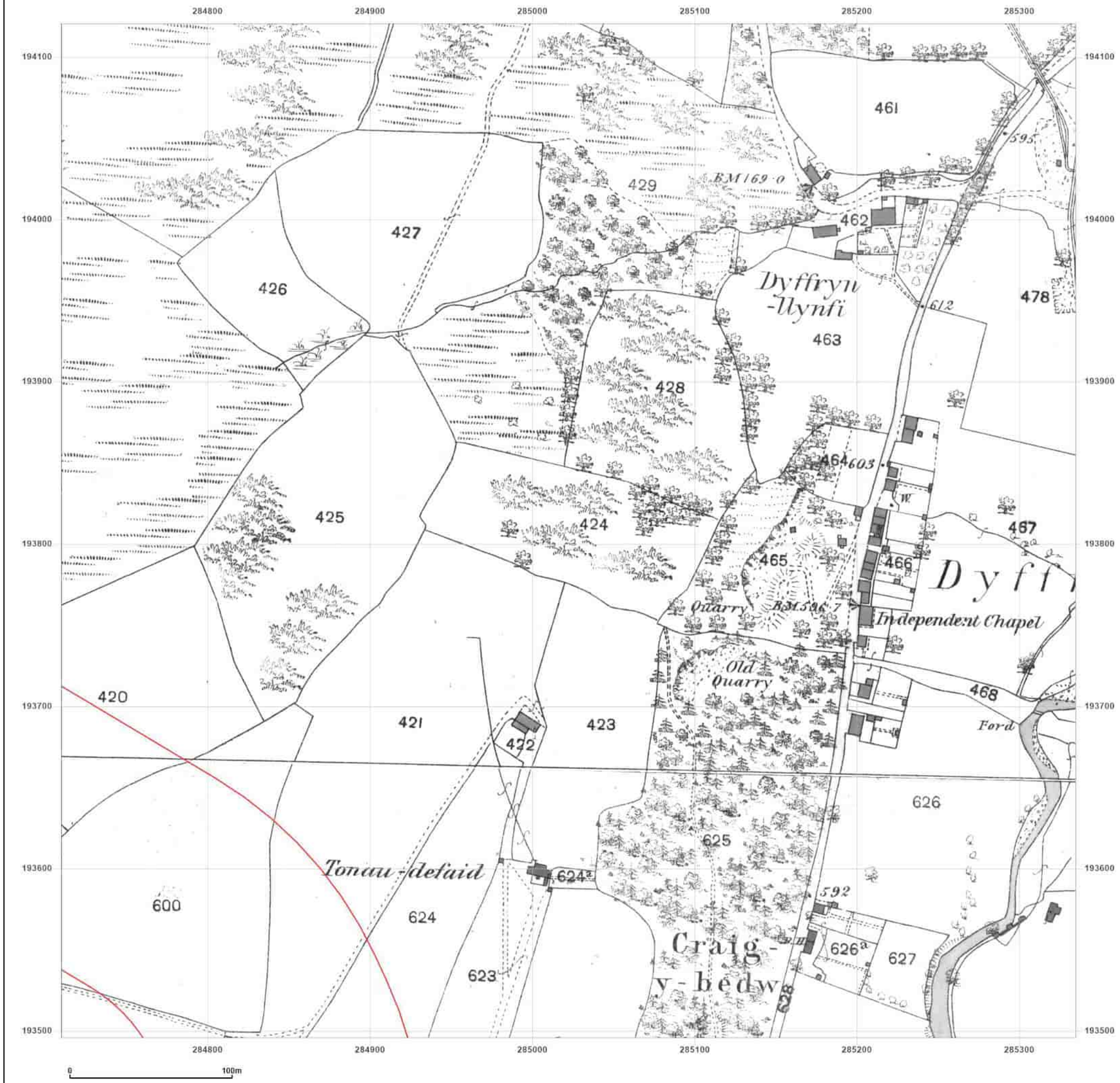
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_11
Grid Ref: 285022, 193808

Map Name: County Series

Map date: **1877-1878**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

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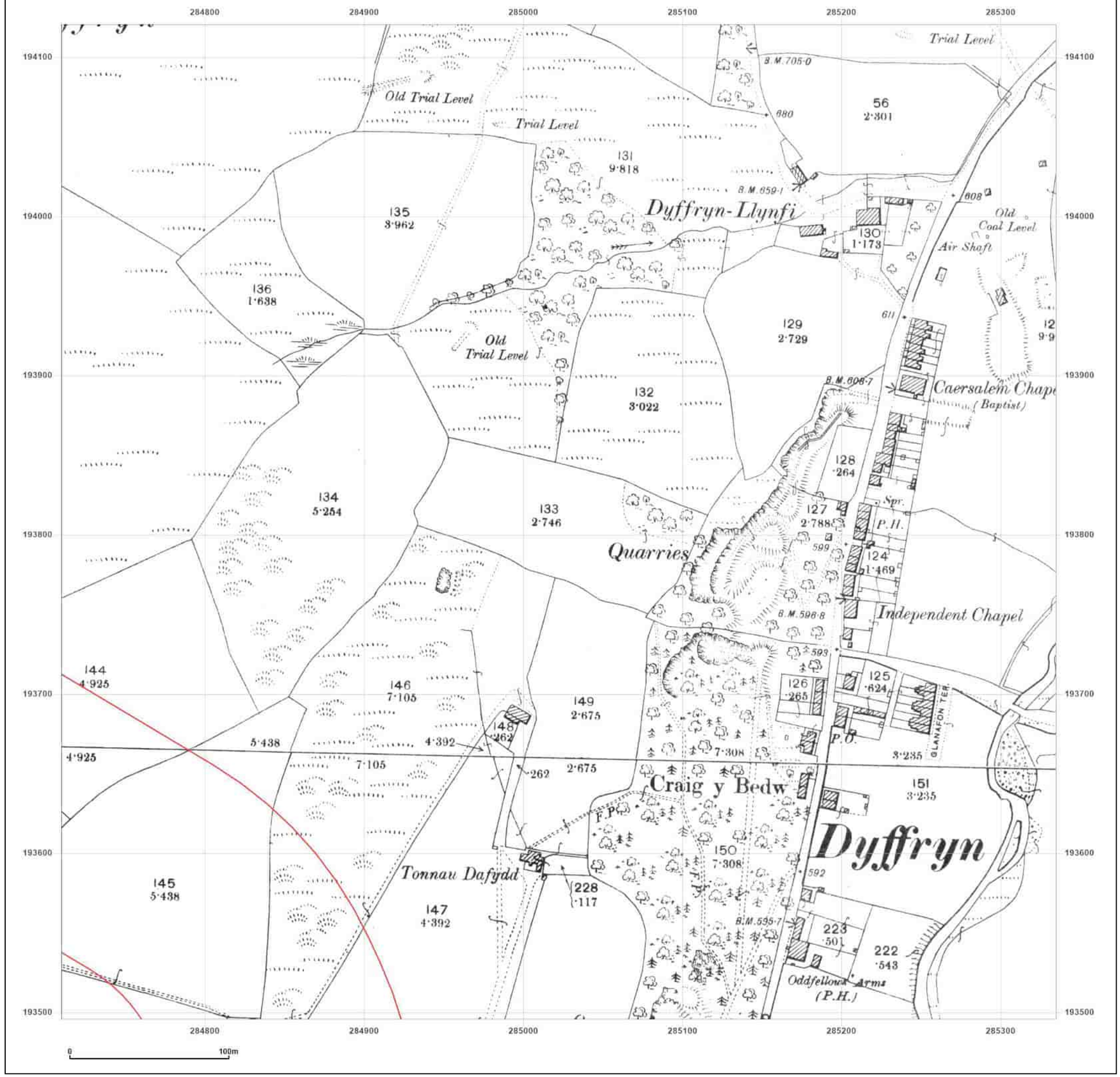
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_11
Grid Ref: 285022, 193808

Map Name: County Series

Map date: **1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

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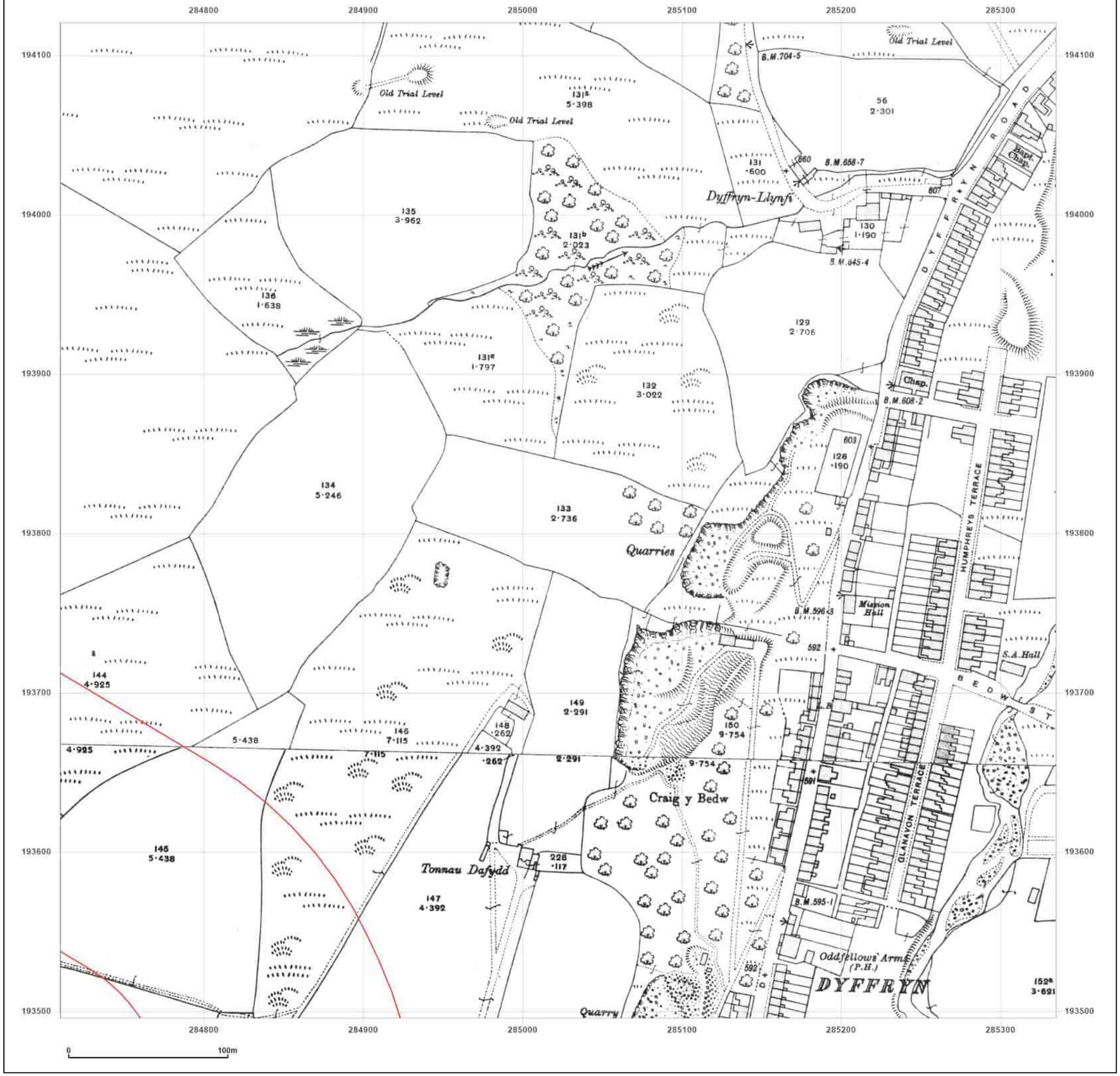
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_11
Grid Ref: 285022, 193808

Map Name: County Series

Map date: **1919**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1919
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

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WSP

Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_11
Grid Ref: 285022, 193808

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1960
Revised 1960
Edition 1962
Copyright 1962
Levelled 1949

Surveyed 1960
Revised 1960
Edition 1962
Copyright 1962
Levelled 1949

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Site Details:

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Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_11
Grid Ref: 285022, 193808

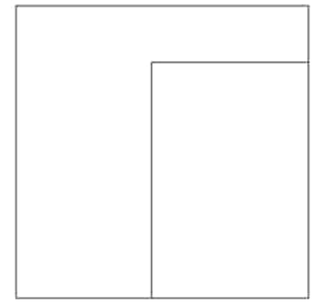
Map Name: National Grid

Map date: **1986**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1963
Revised 1986
Edition N/A
Copyright 1986
Levelled 1963

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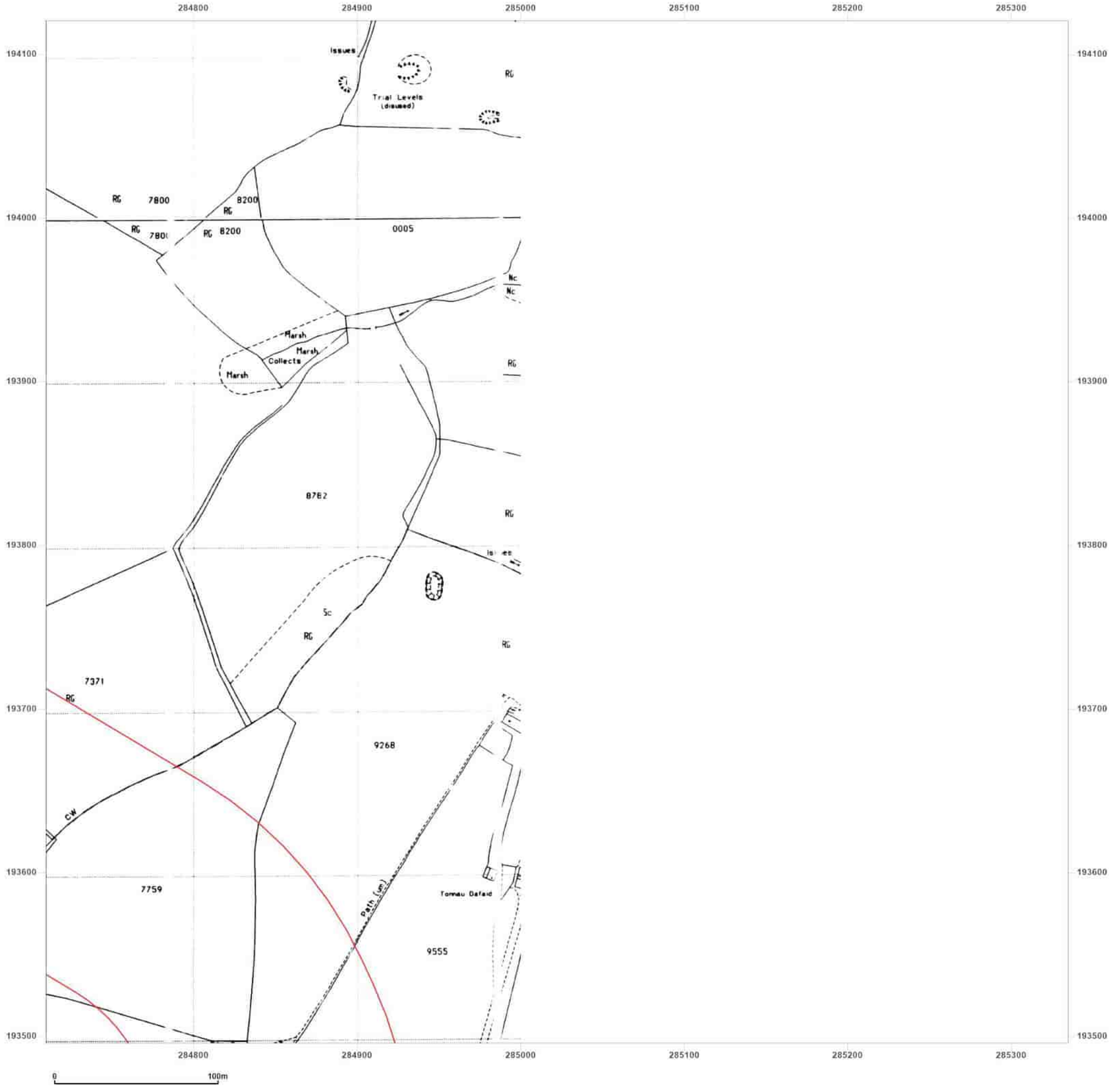
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Site Details:

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Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_LS_3_11
Grid Ref: 285022, 193808

Map Name: National Grid

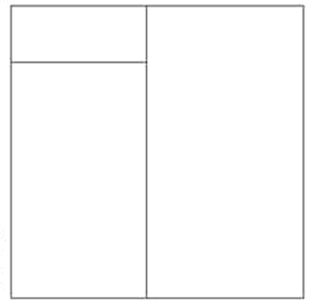
Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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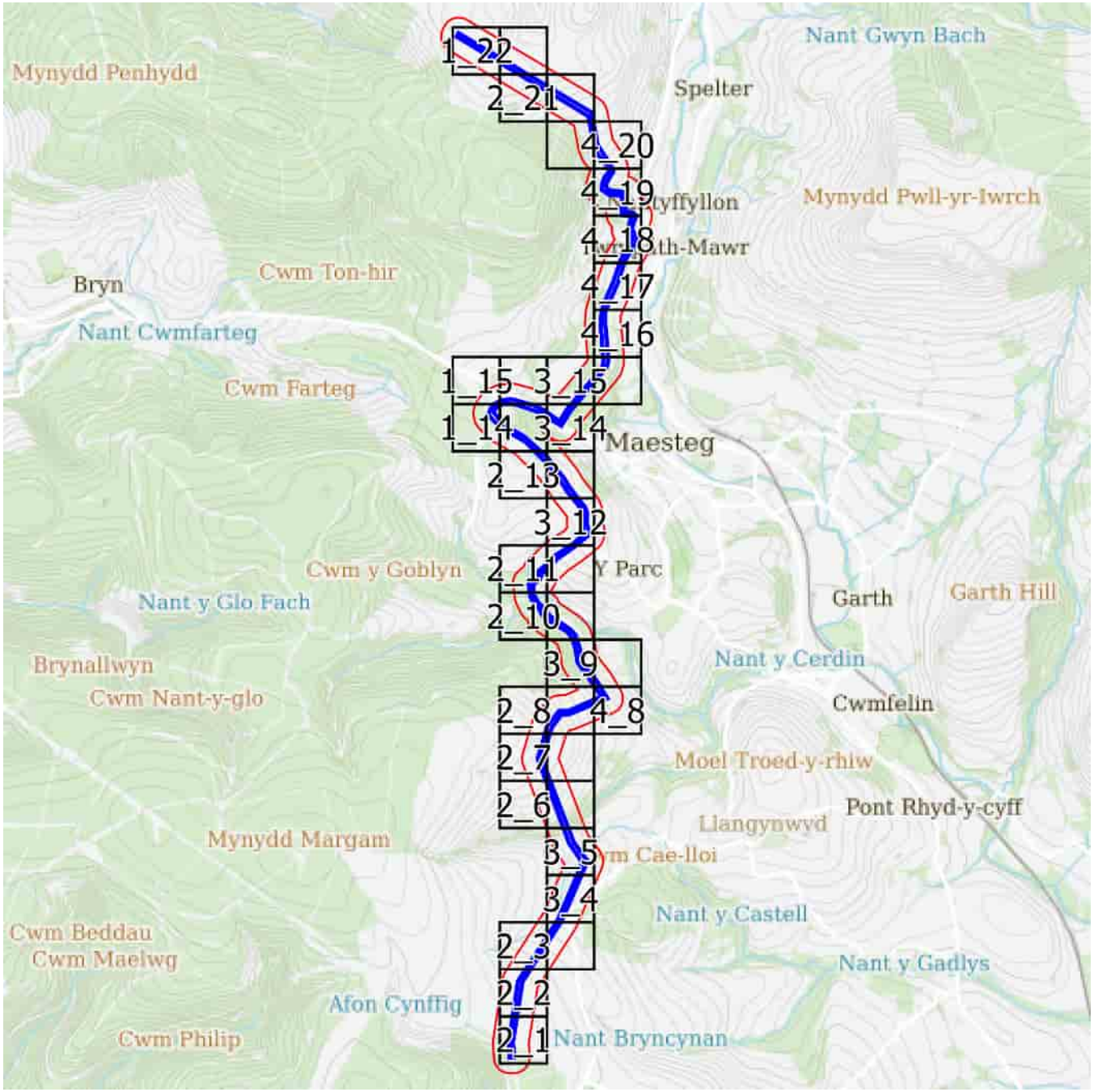
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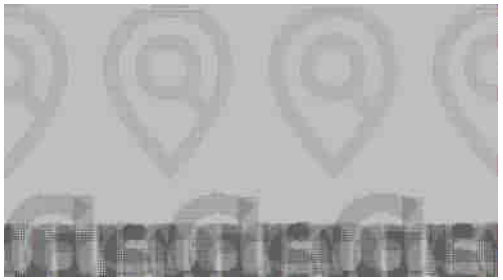
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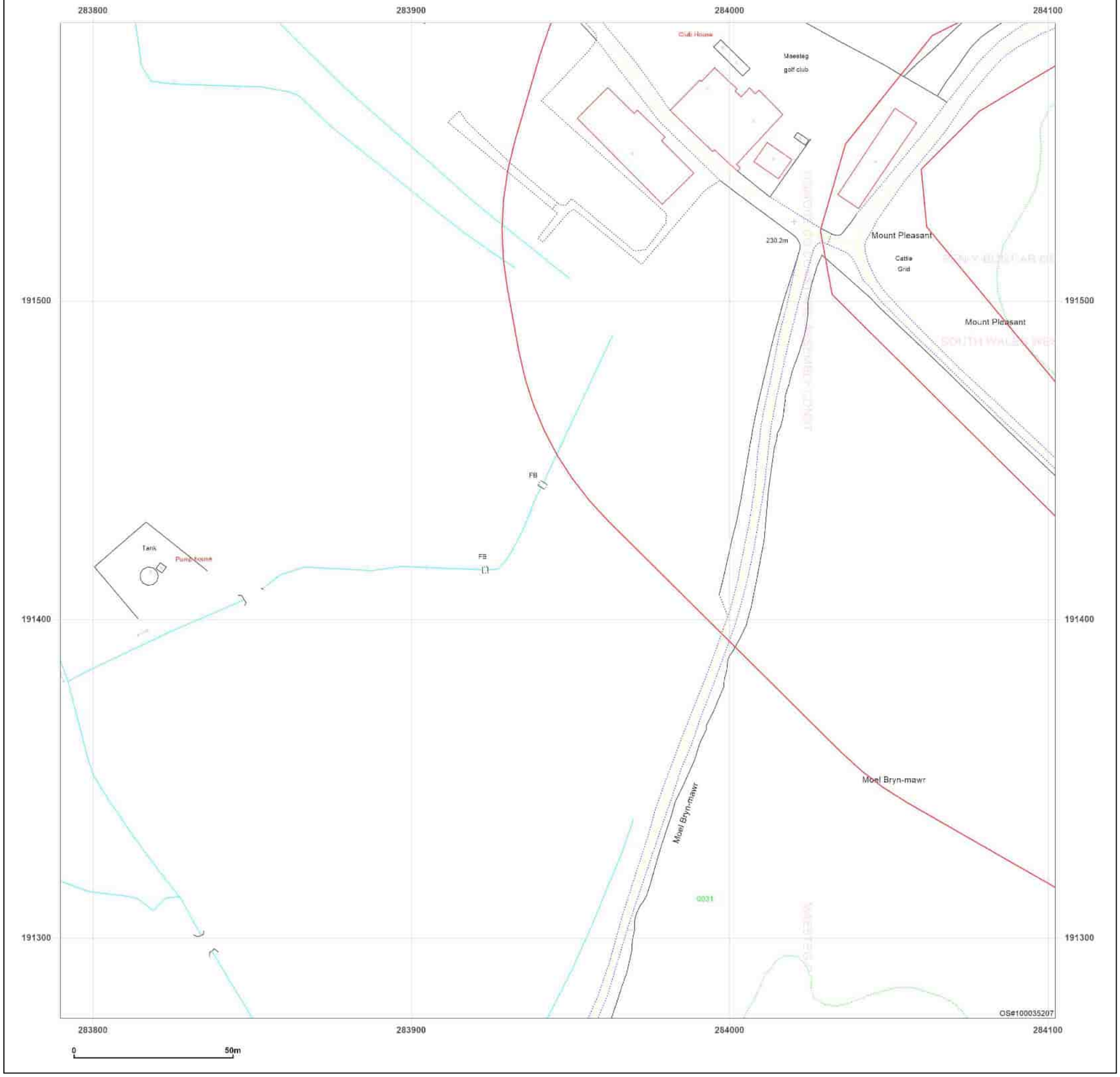
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Landline Scale Grid Index





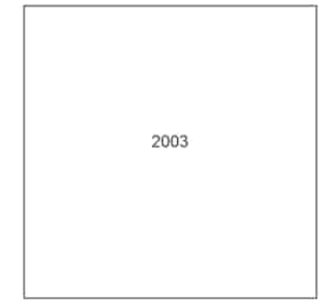
Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_1_14
Grid Ref: 283946, 191431

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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Groundsure INSIGHTS

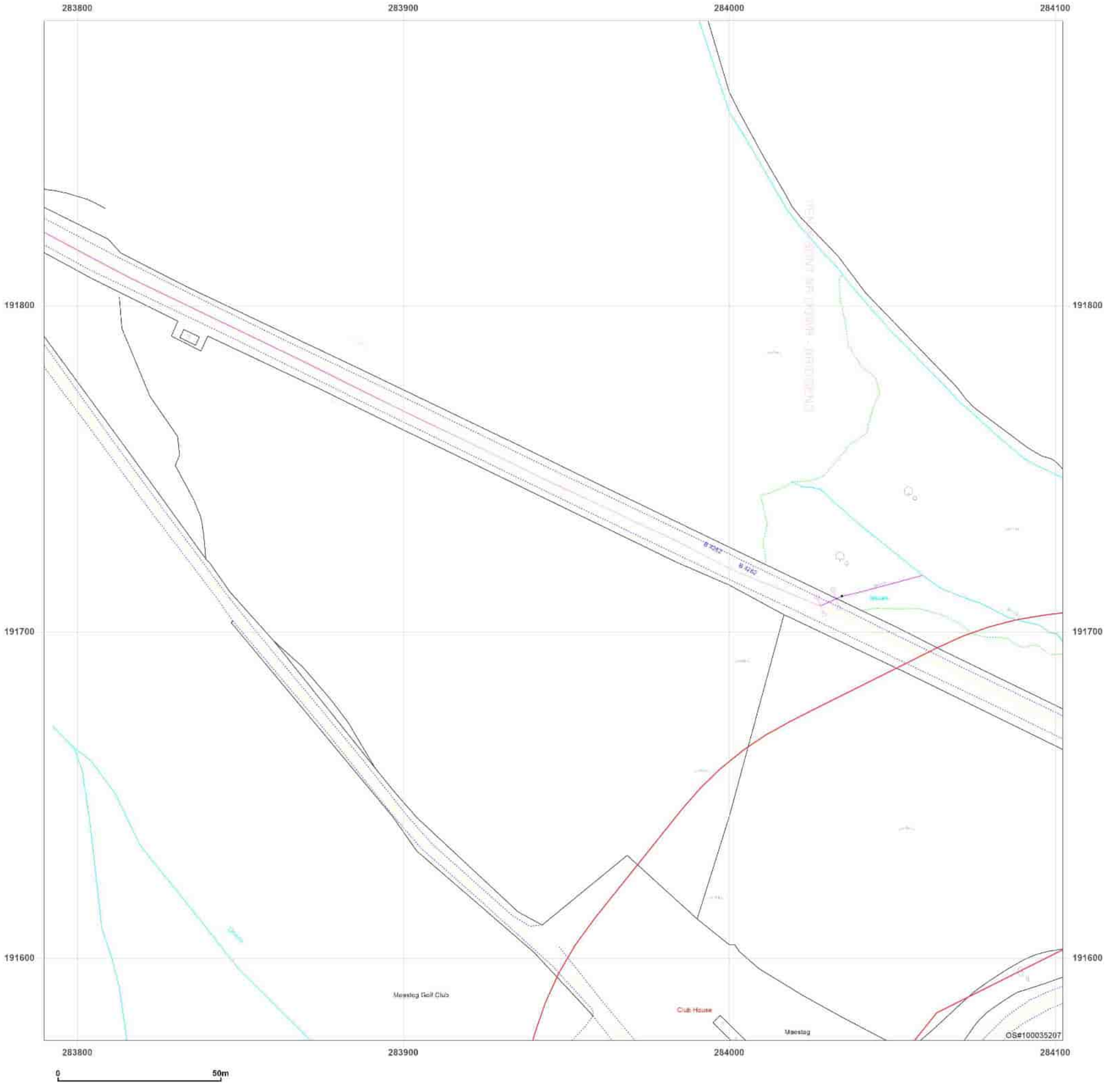
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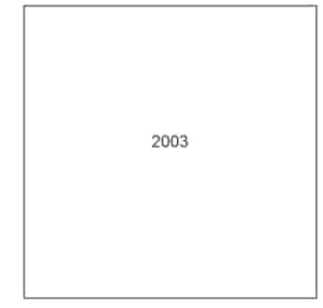
Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_1_15
Grid Ref: 283946, 191731

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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S



Groundsure INSIGHTS

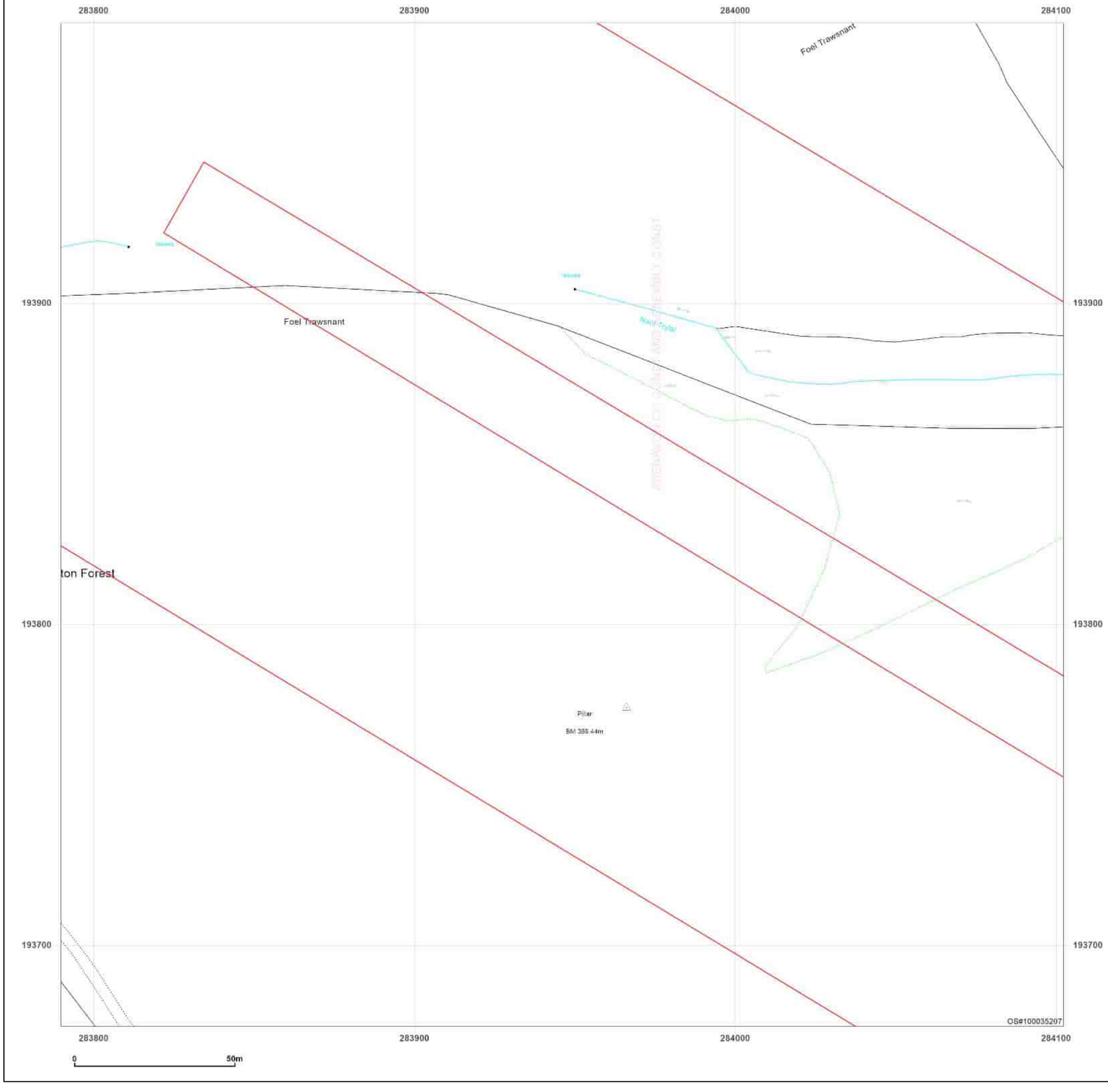
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_1_22
Grid Ref: 283946, 193831

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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Groundsure INSIGHTS

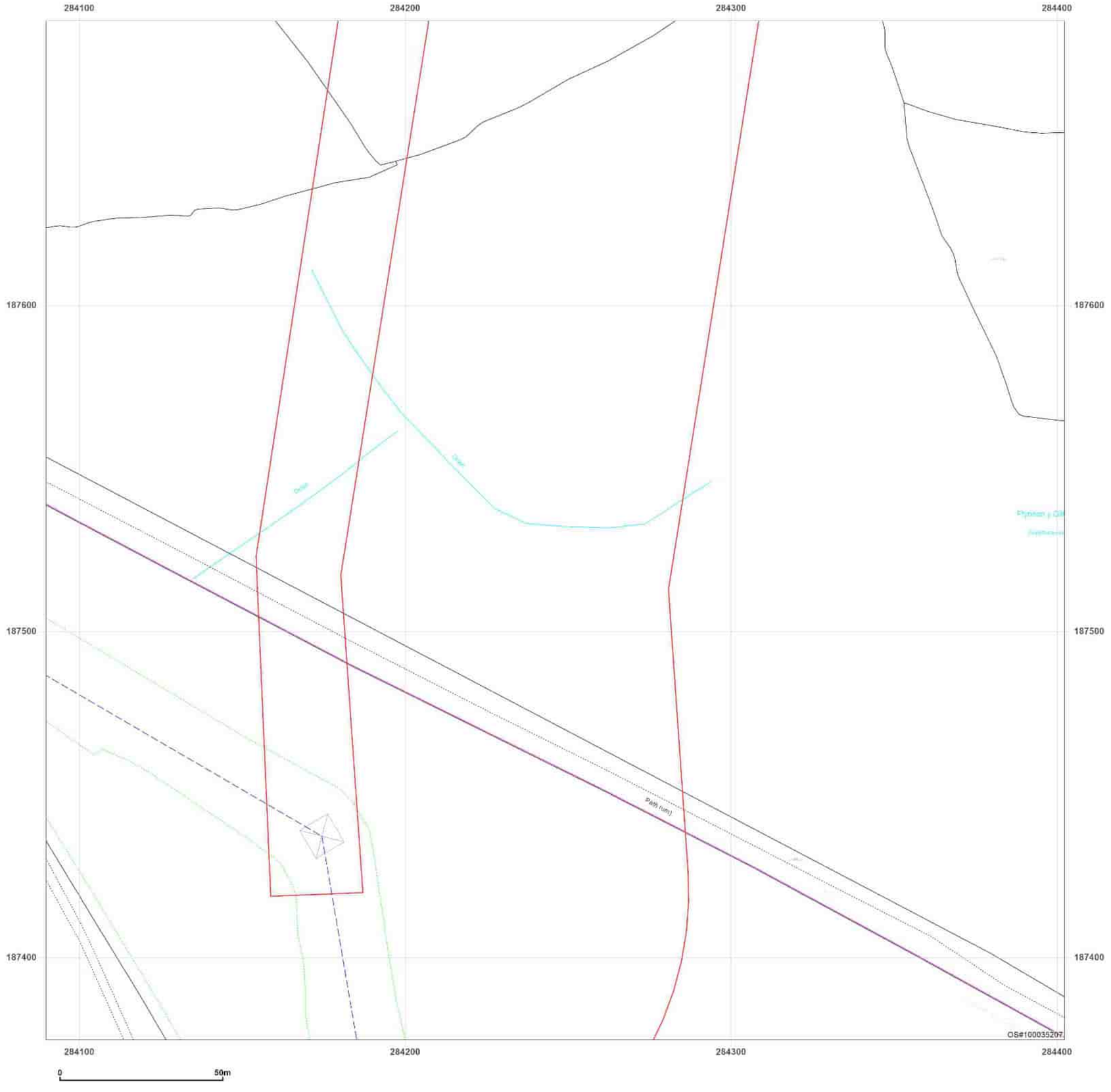
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_2_1
Grid Ref: 284246, 187531

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

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Groundsure INSIGHTS

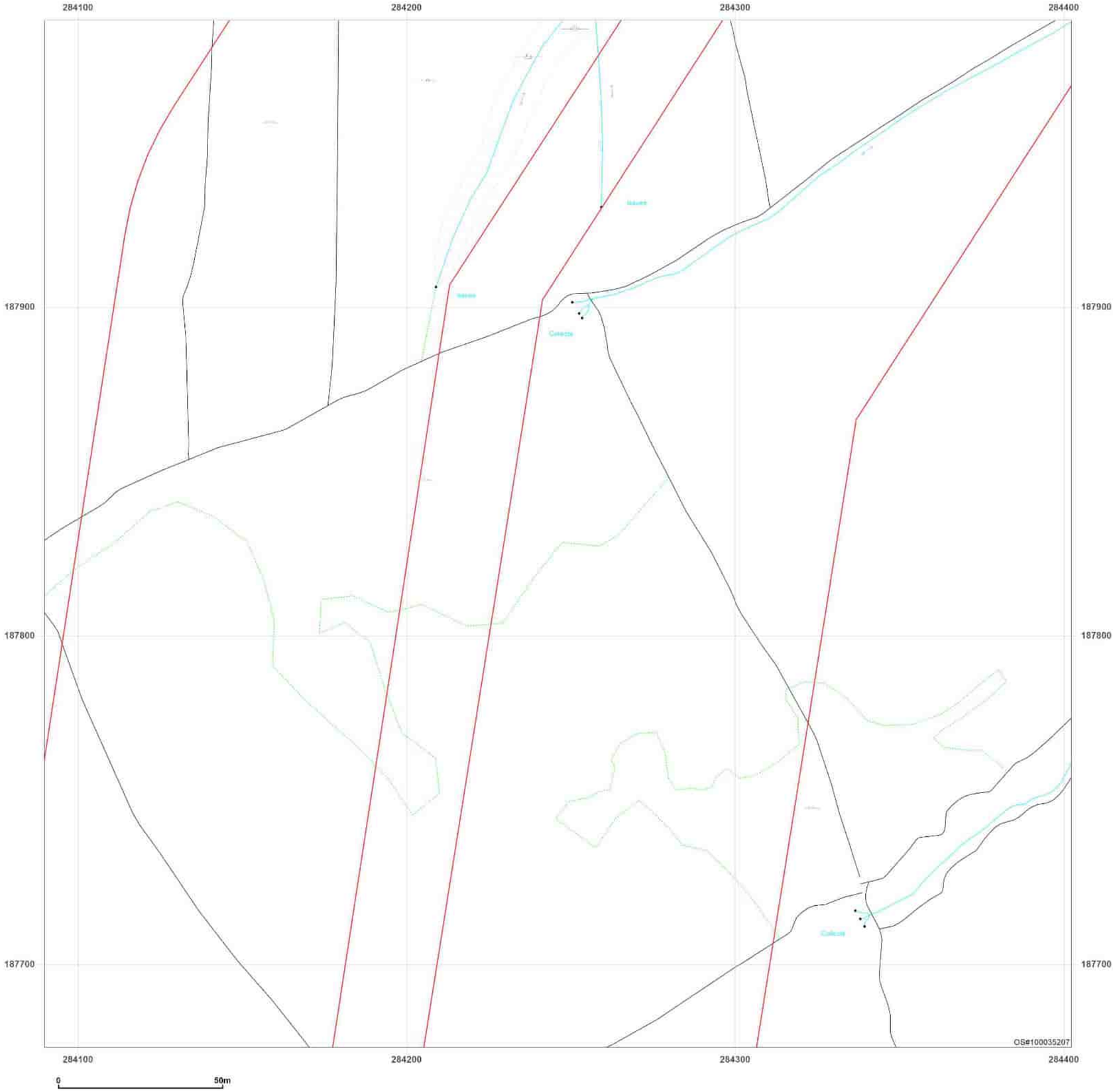
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_2_2
Grid Ref: 284246, 187831

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

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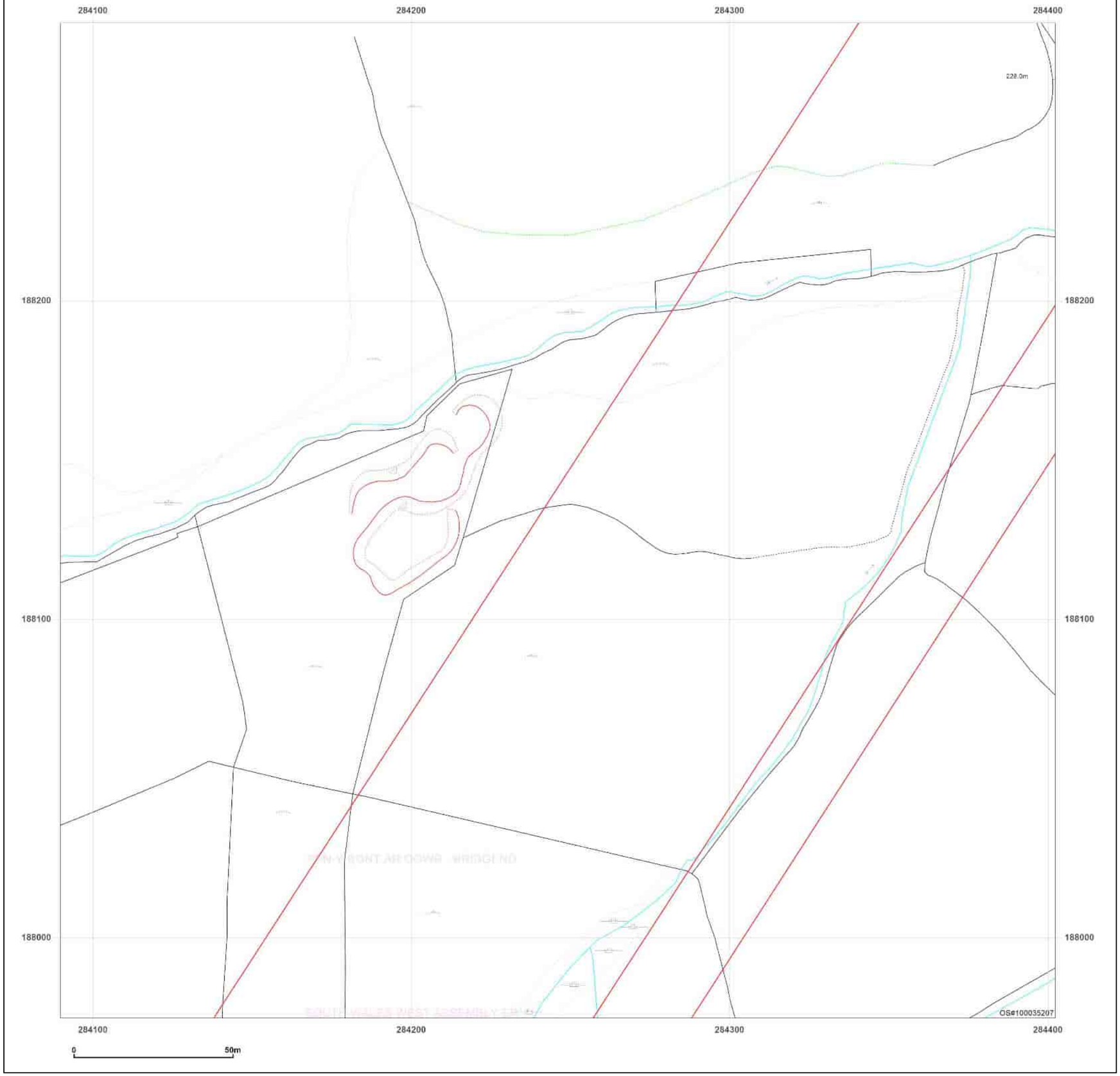
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_2_3
Grid Ref: 284246, 188131

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

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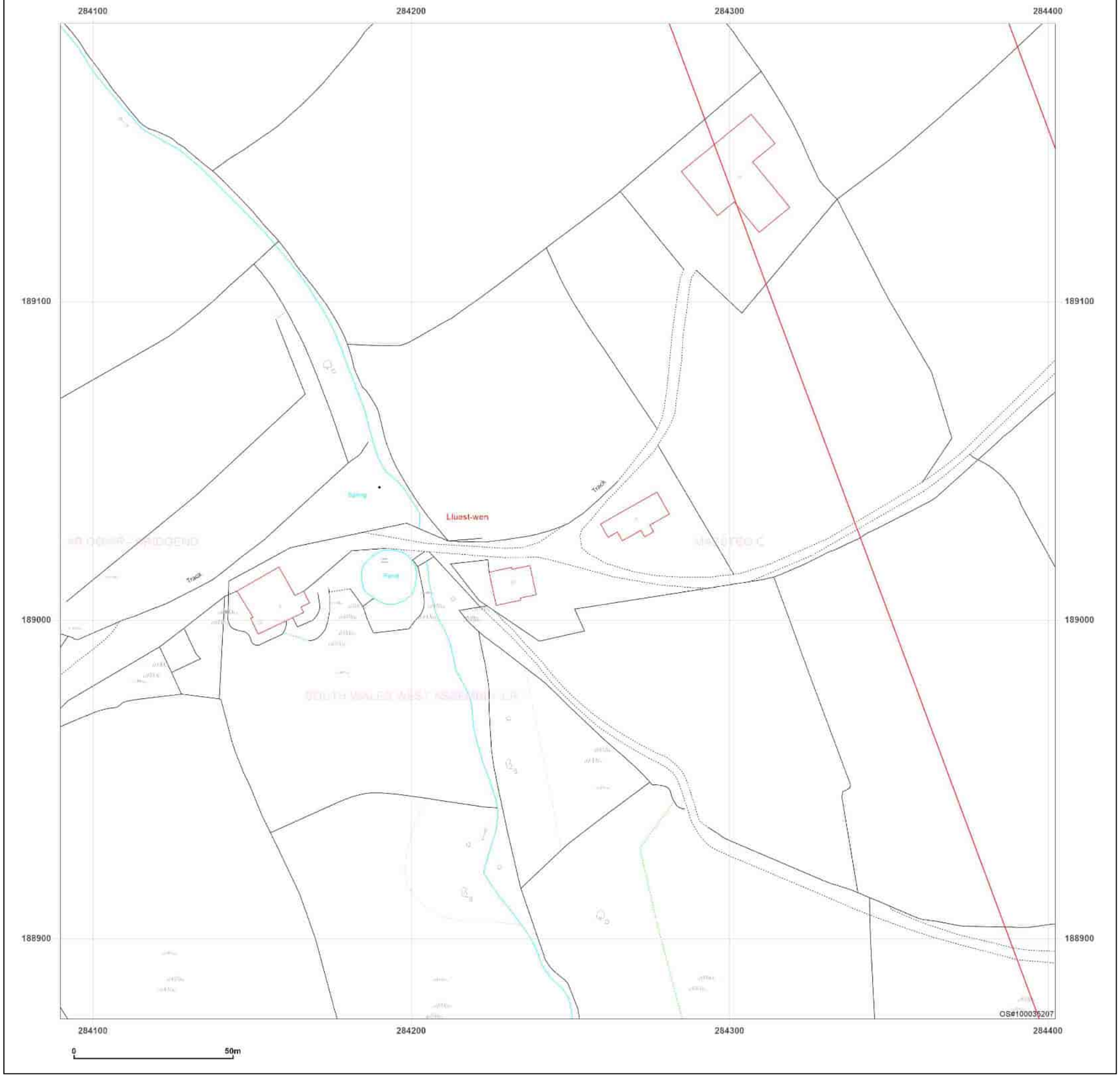
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_2_6
Grid Ref: 284246, 189031

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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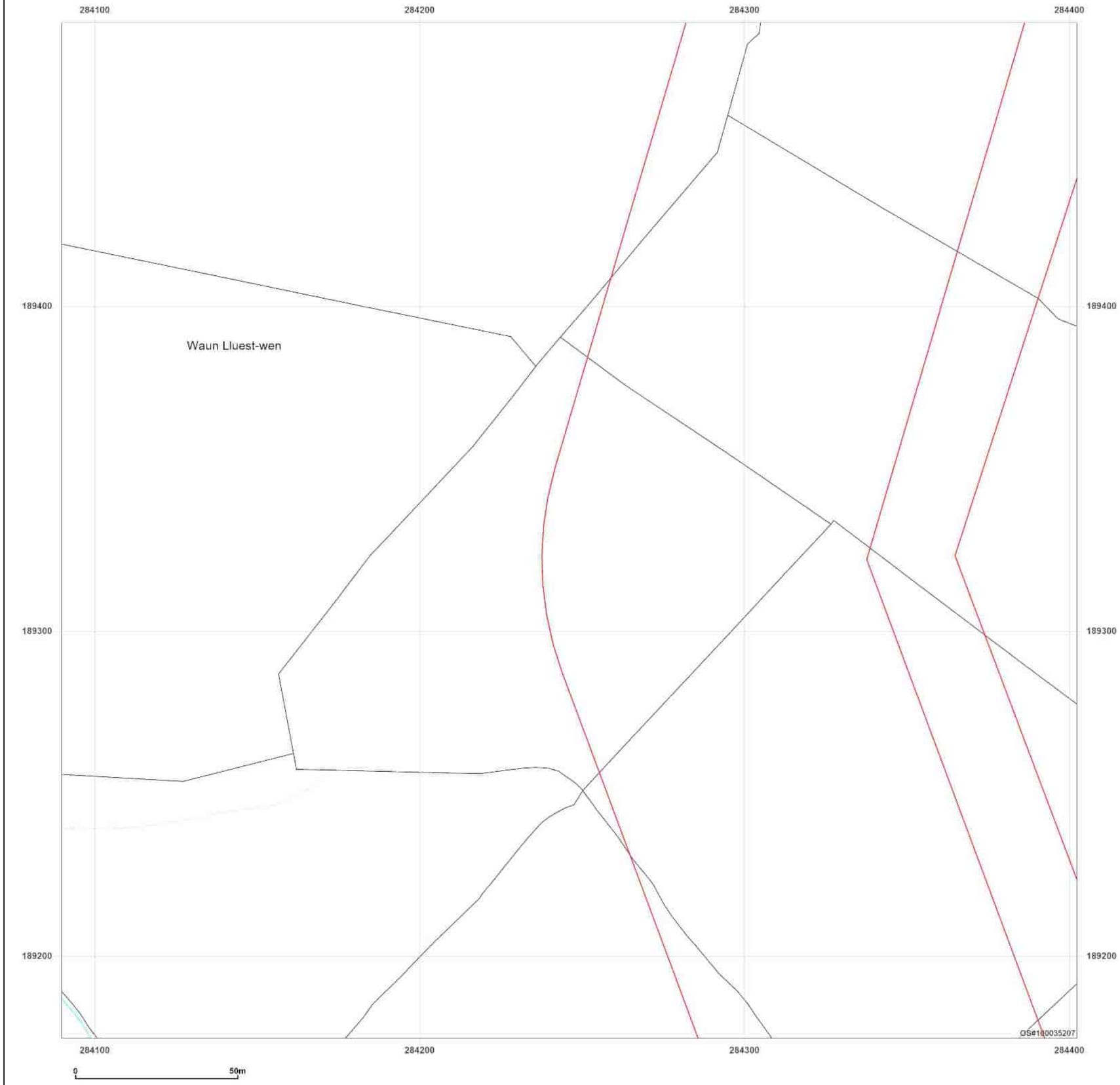
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_2_7
Grid Ref: 284246, 189331

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

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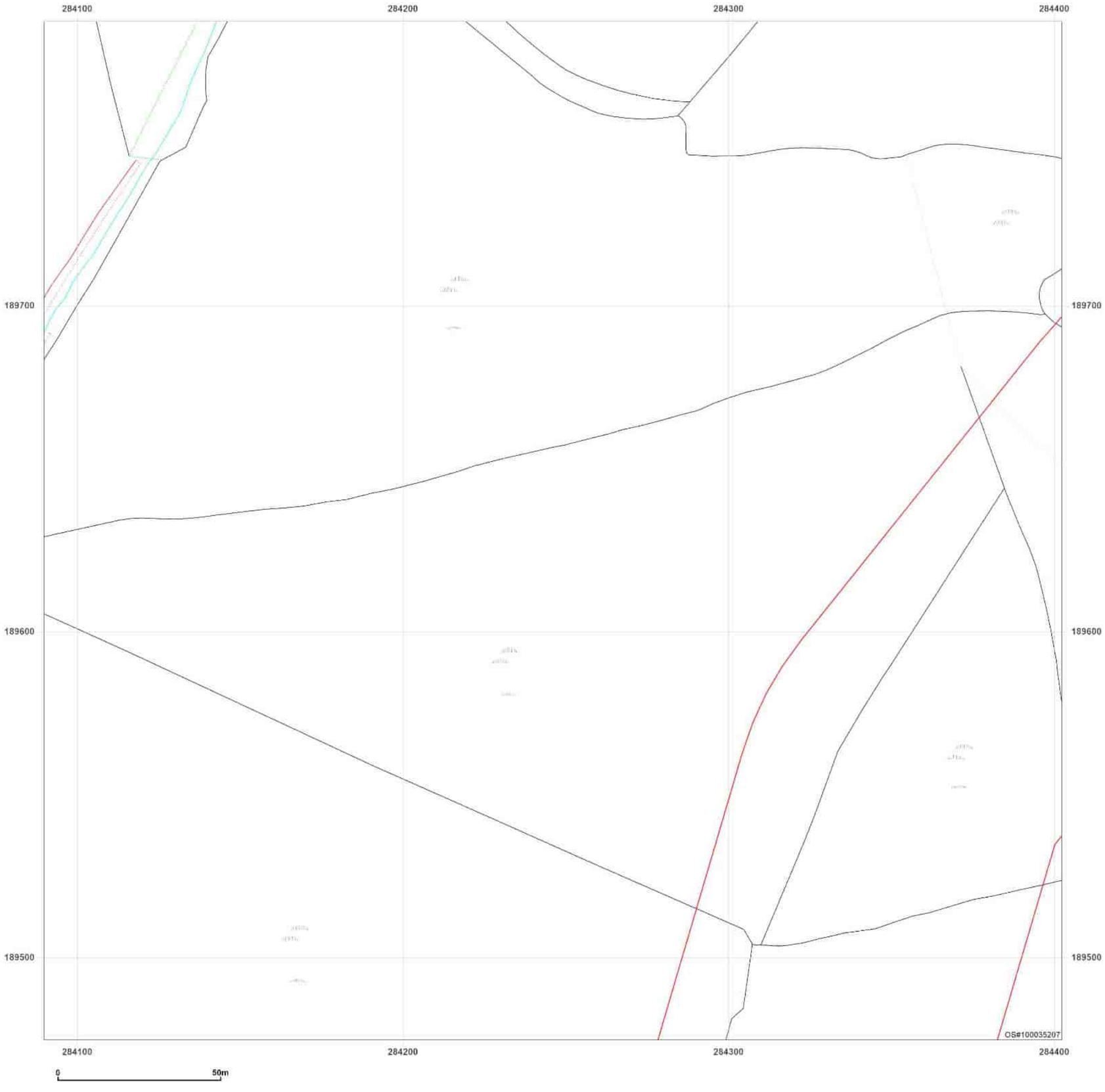
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_2_8
Grid Ref: 284246, 189631

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
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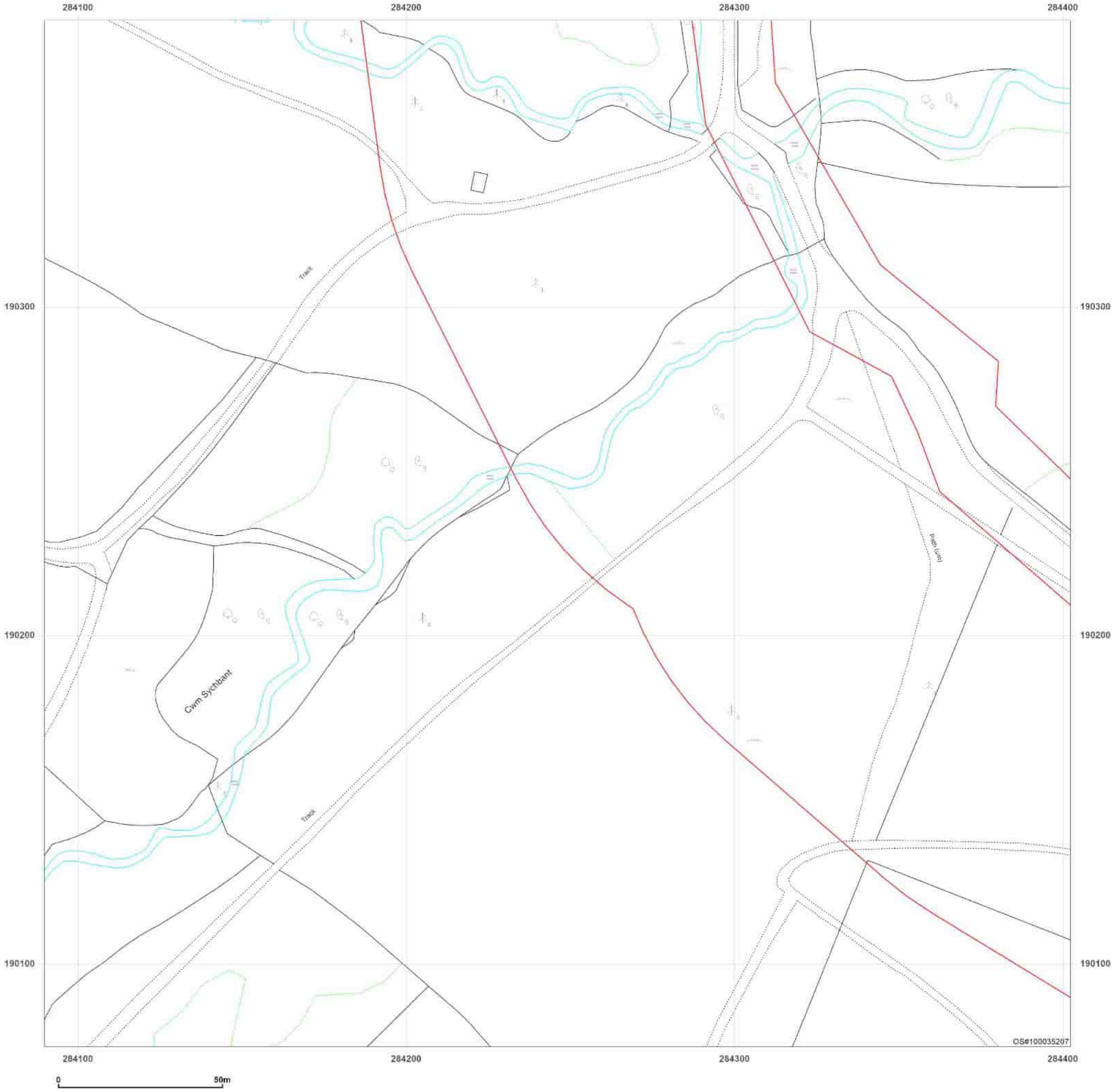
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_2_10
Grid Ref: 284246, 190231

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Map date: **2003**
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Printed at: 1:1,250

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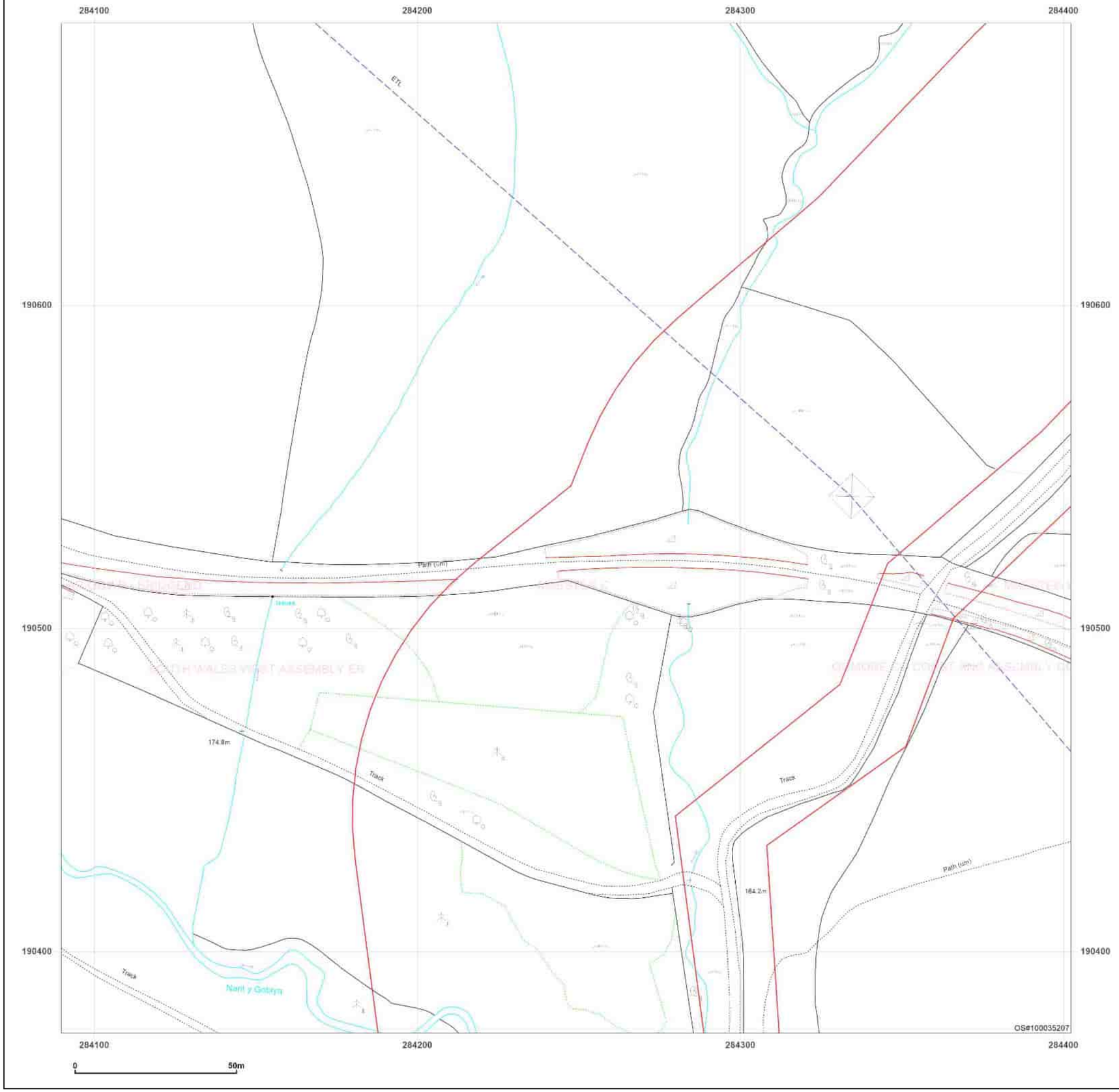
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_2_11
Grid Ref: 284246, 190531

Map Name: LandLine
Map date: **2003**
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Printed at: 1:1,250

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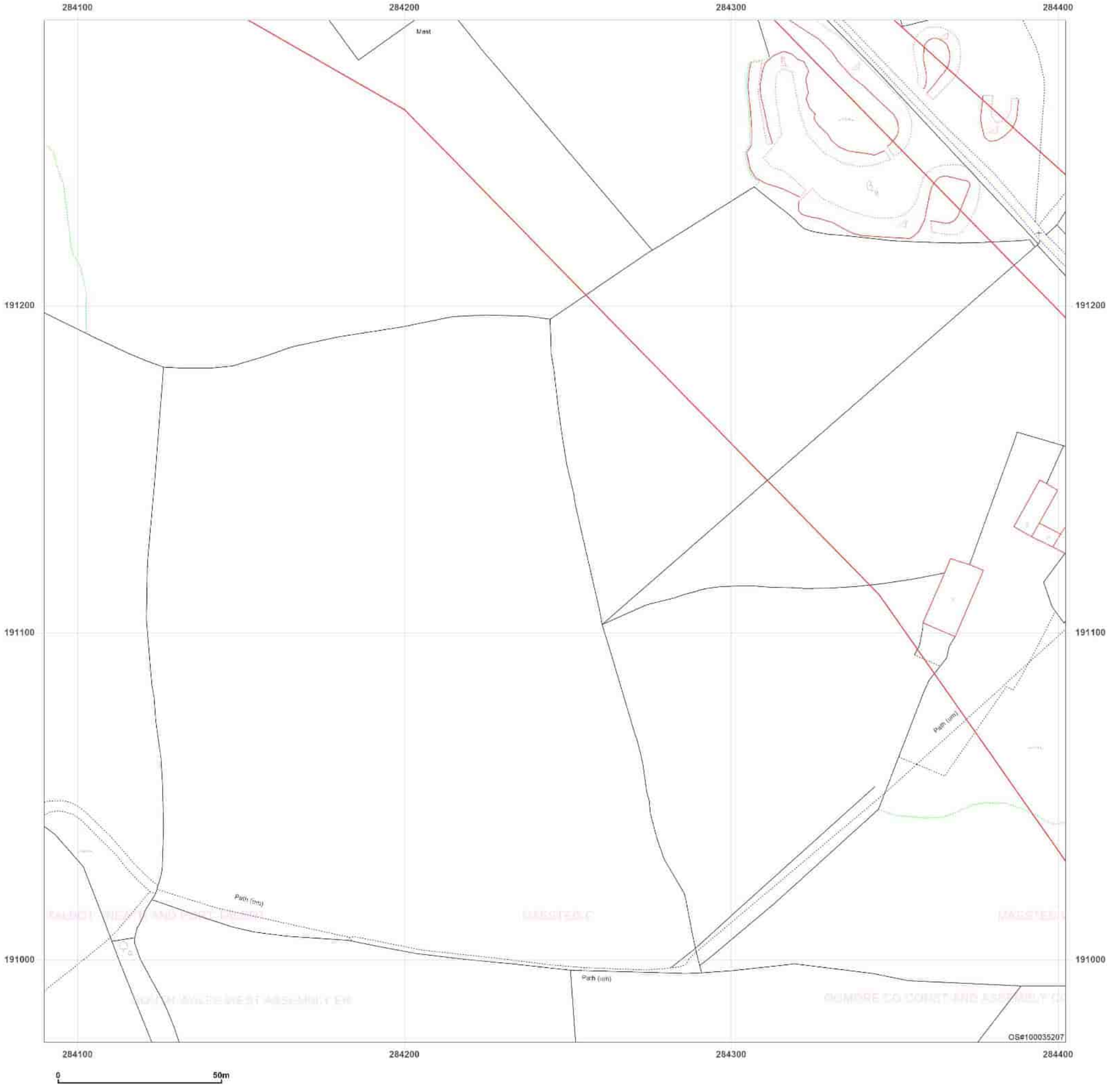
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_2_13
Grid Ref: 284246, 191131

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_2_14
Grid Ref: 284246, 191431

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

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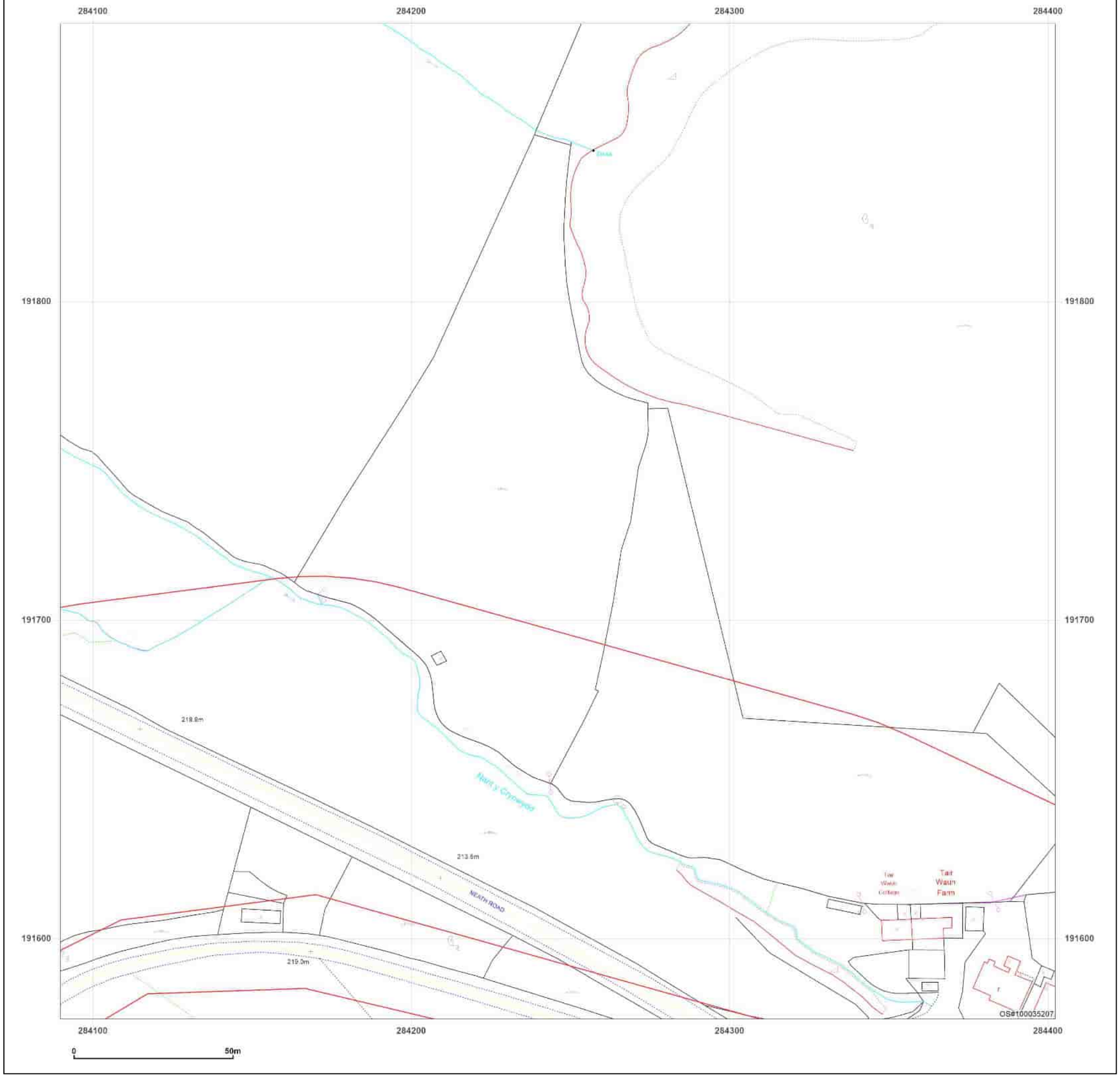
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_2_15
Grid Ref: 284246, 191731

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_2_21
Grid Ref: 284246, 193531

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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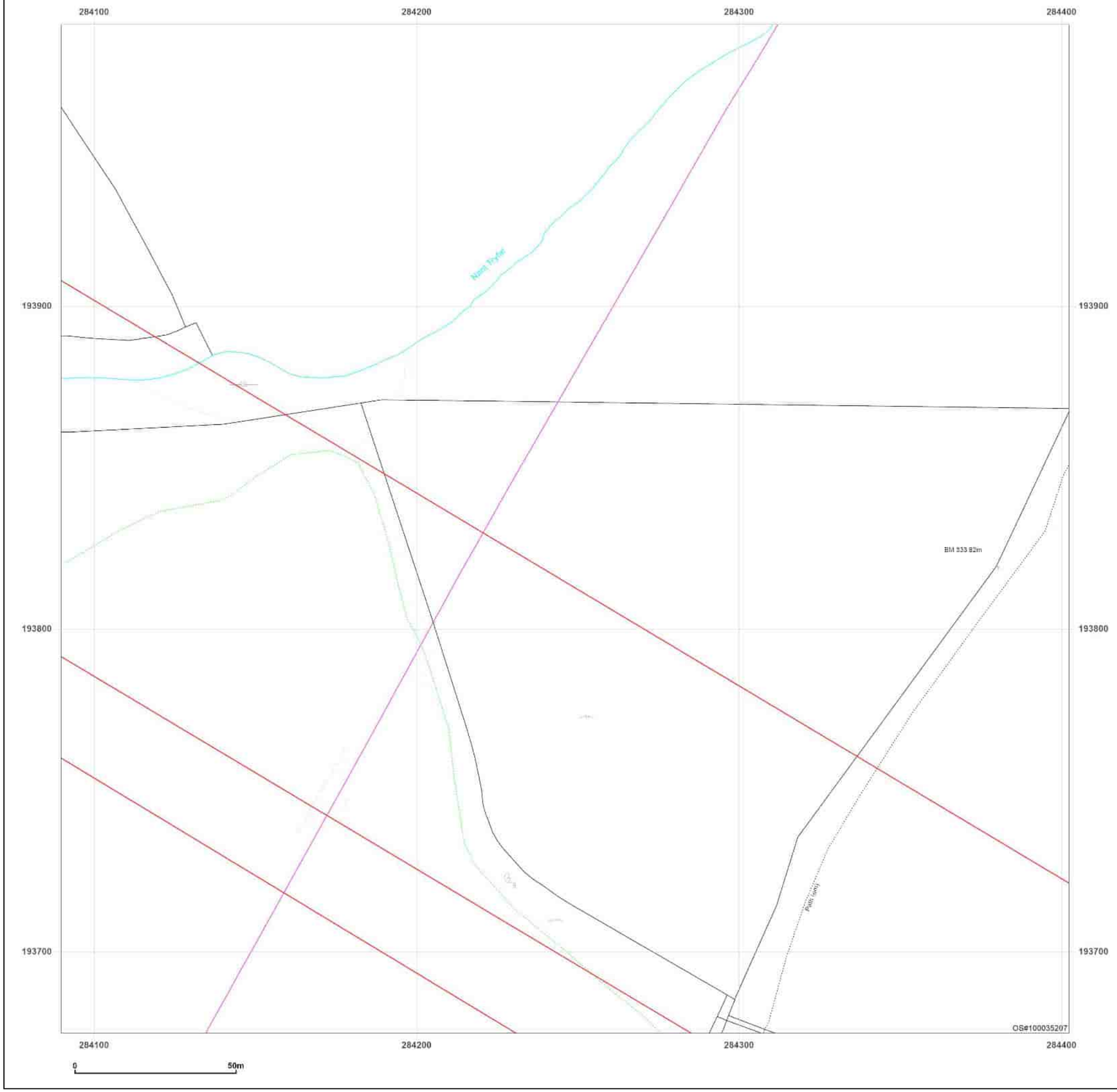
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_2_22
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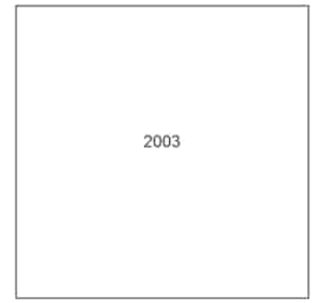
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Scale: 1:1,250

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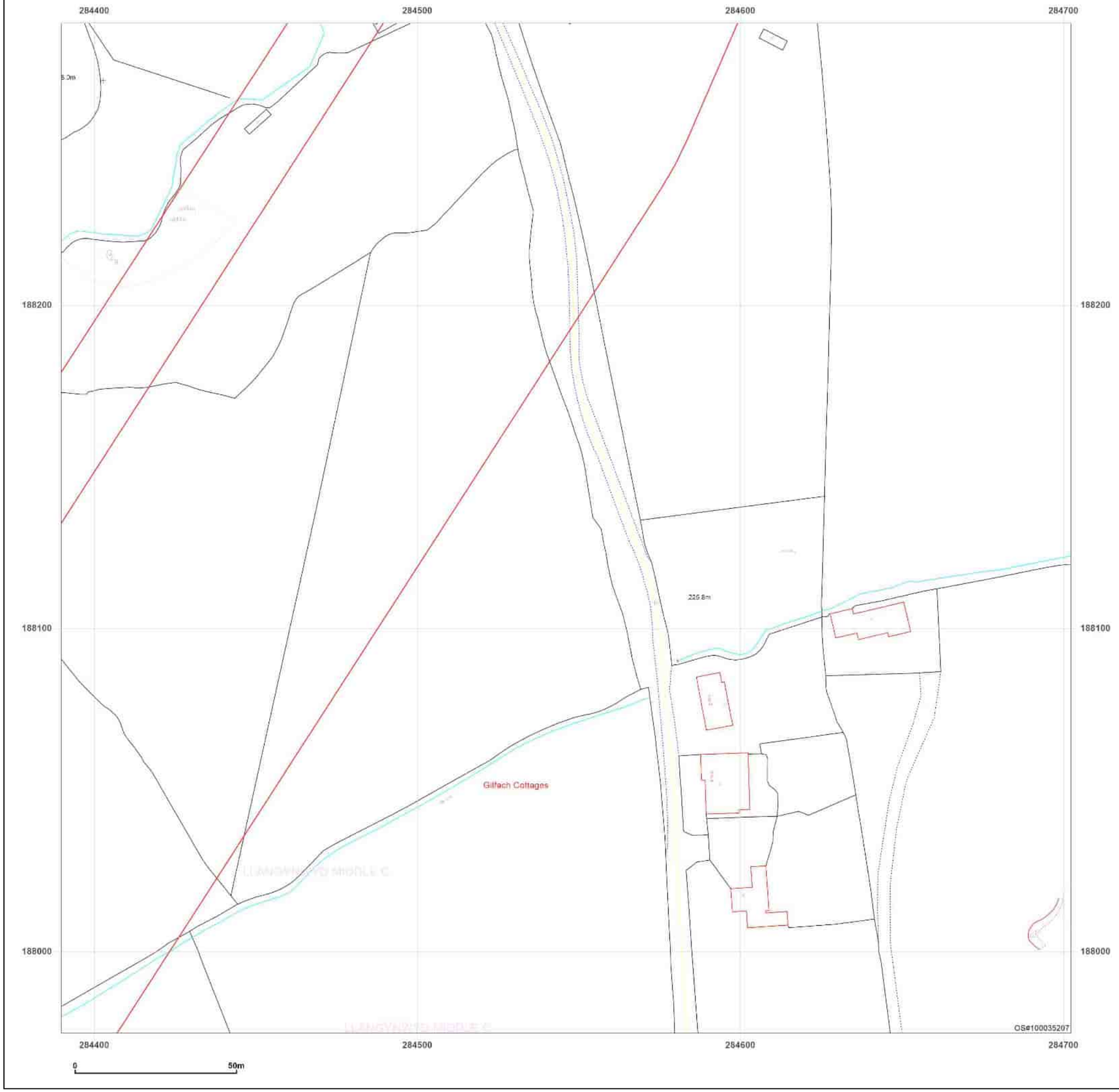
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_3
Grid Ref: 284546, 188131

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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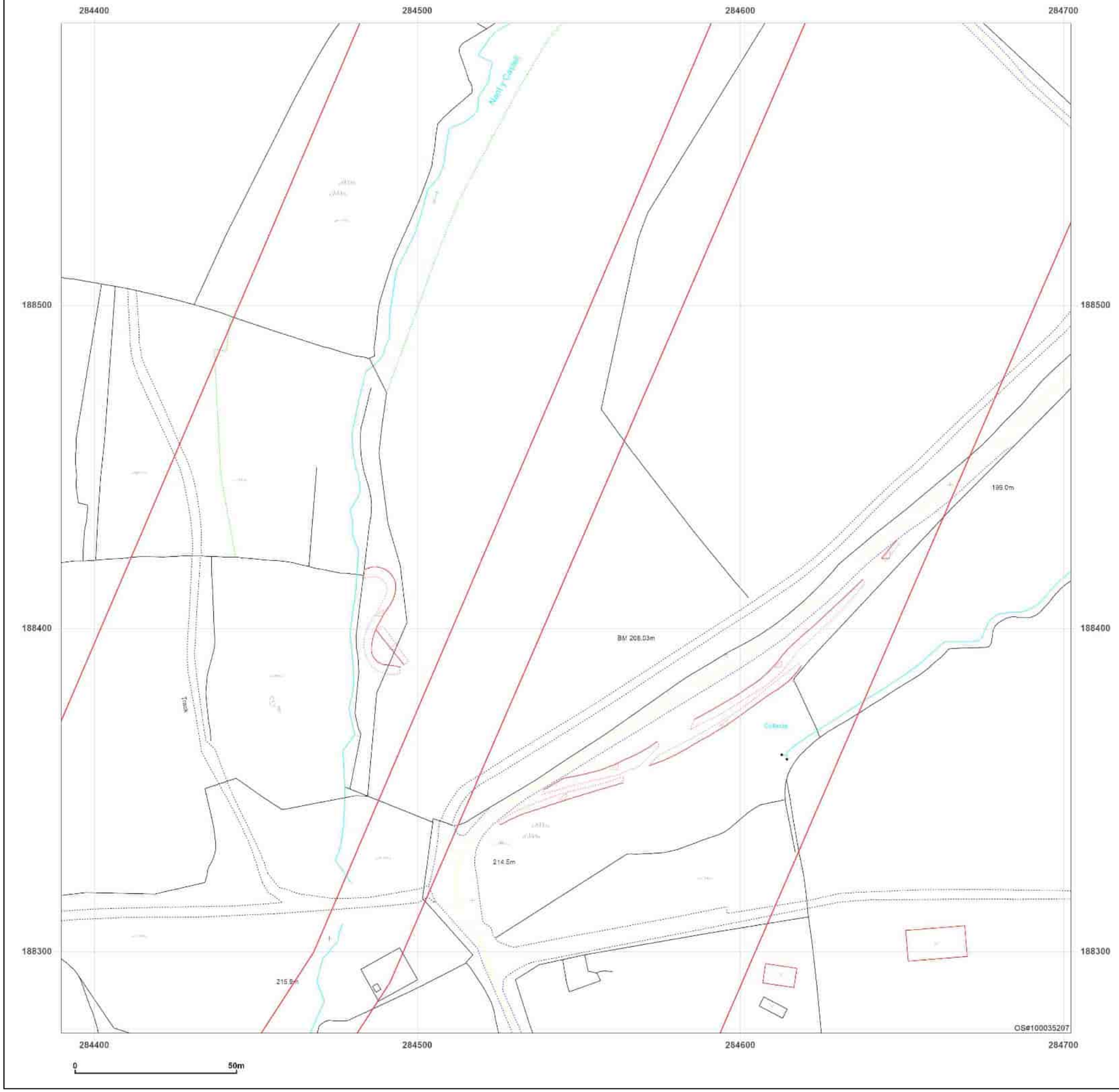
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_4
Grid Ref: 284546, 188431

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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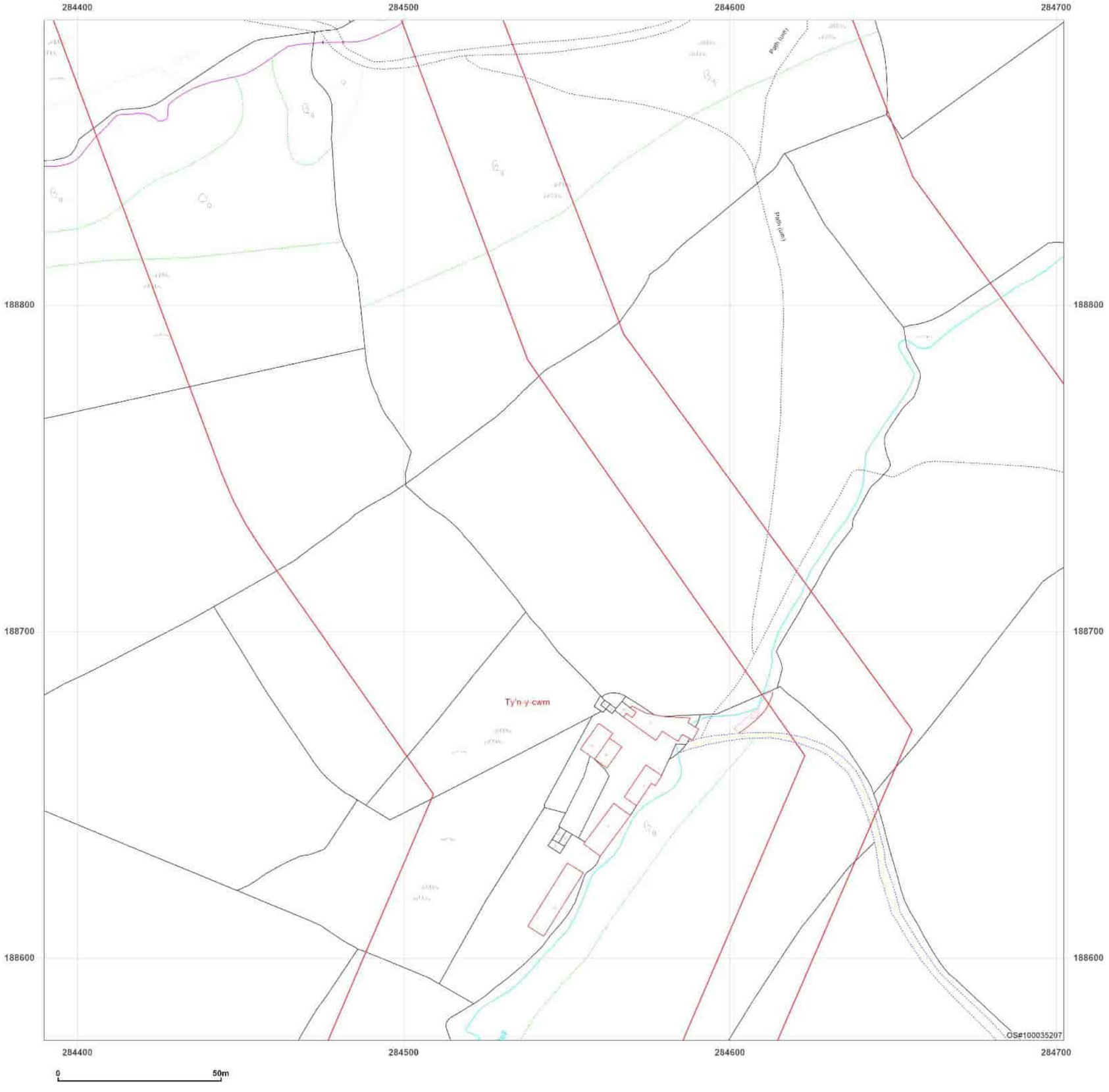
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_5
Grid Ref: 284546, 188731

Map Name: LandLine
Map date: **2003**
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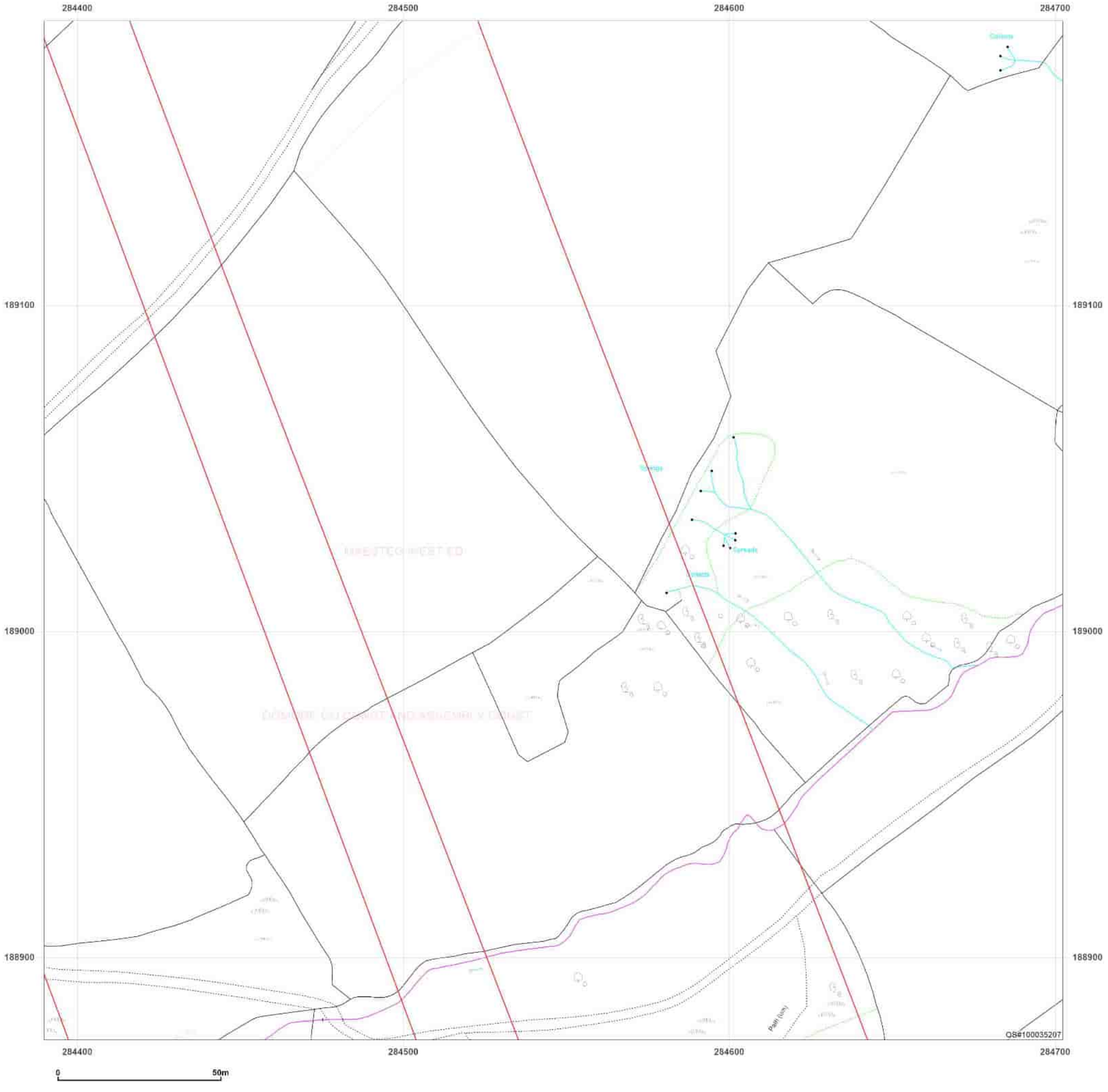
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_6
Grid Ref: 284546, 189031

Map Name: LandLine
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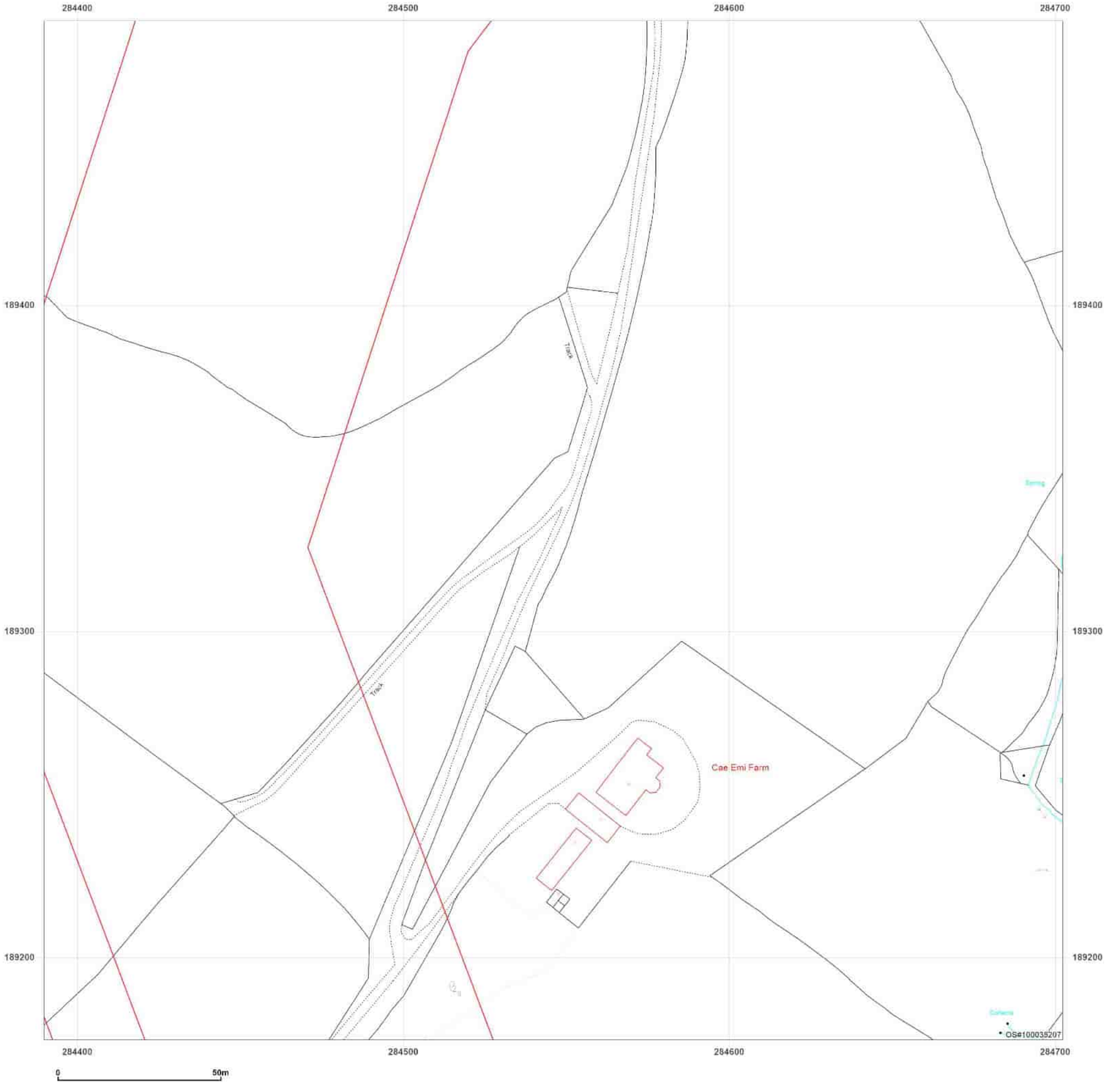
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_7
Grid Ref: 284546, 189331

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

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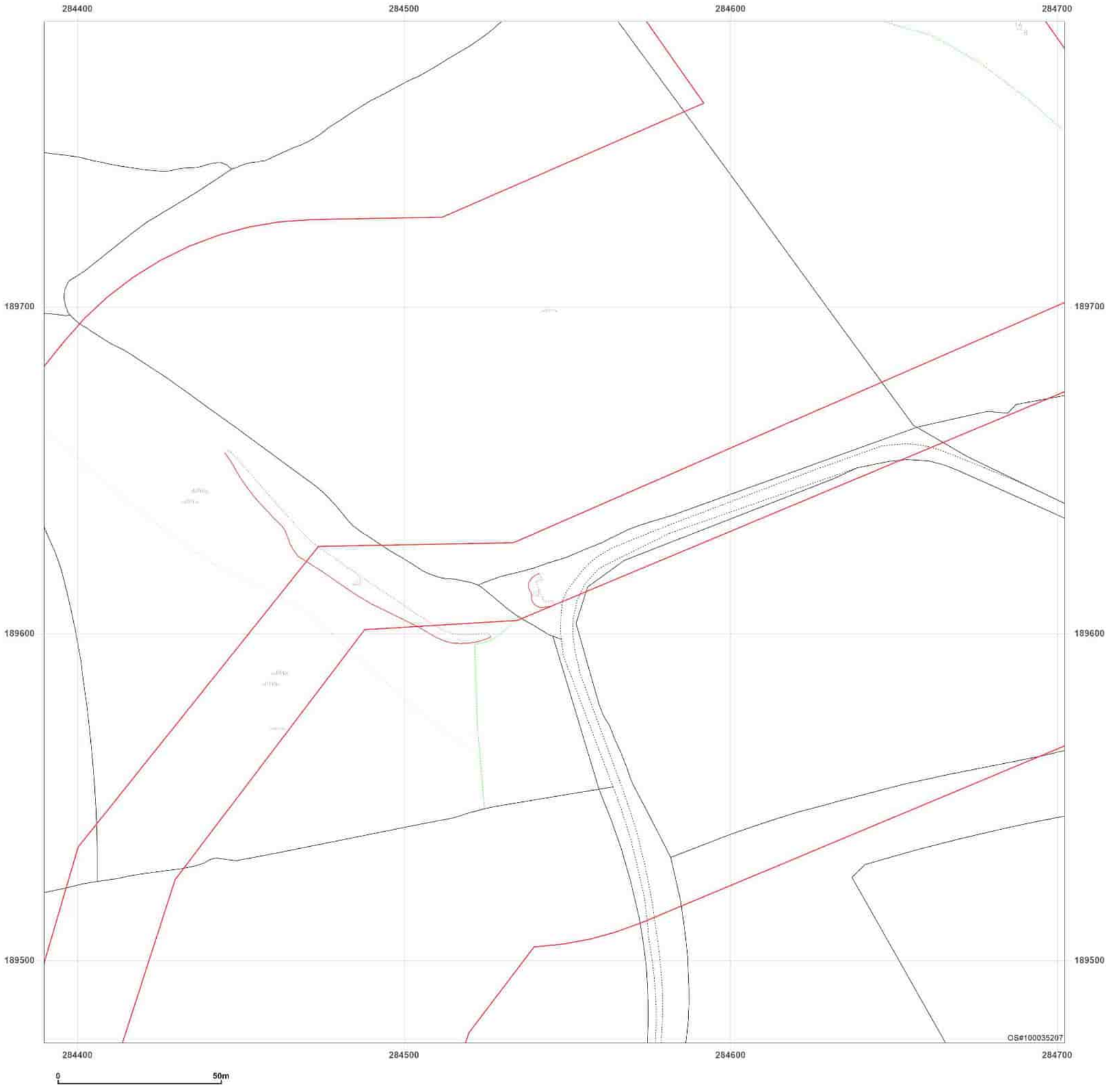
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_8
Grid Ref: 284546, 189631

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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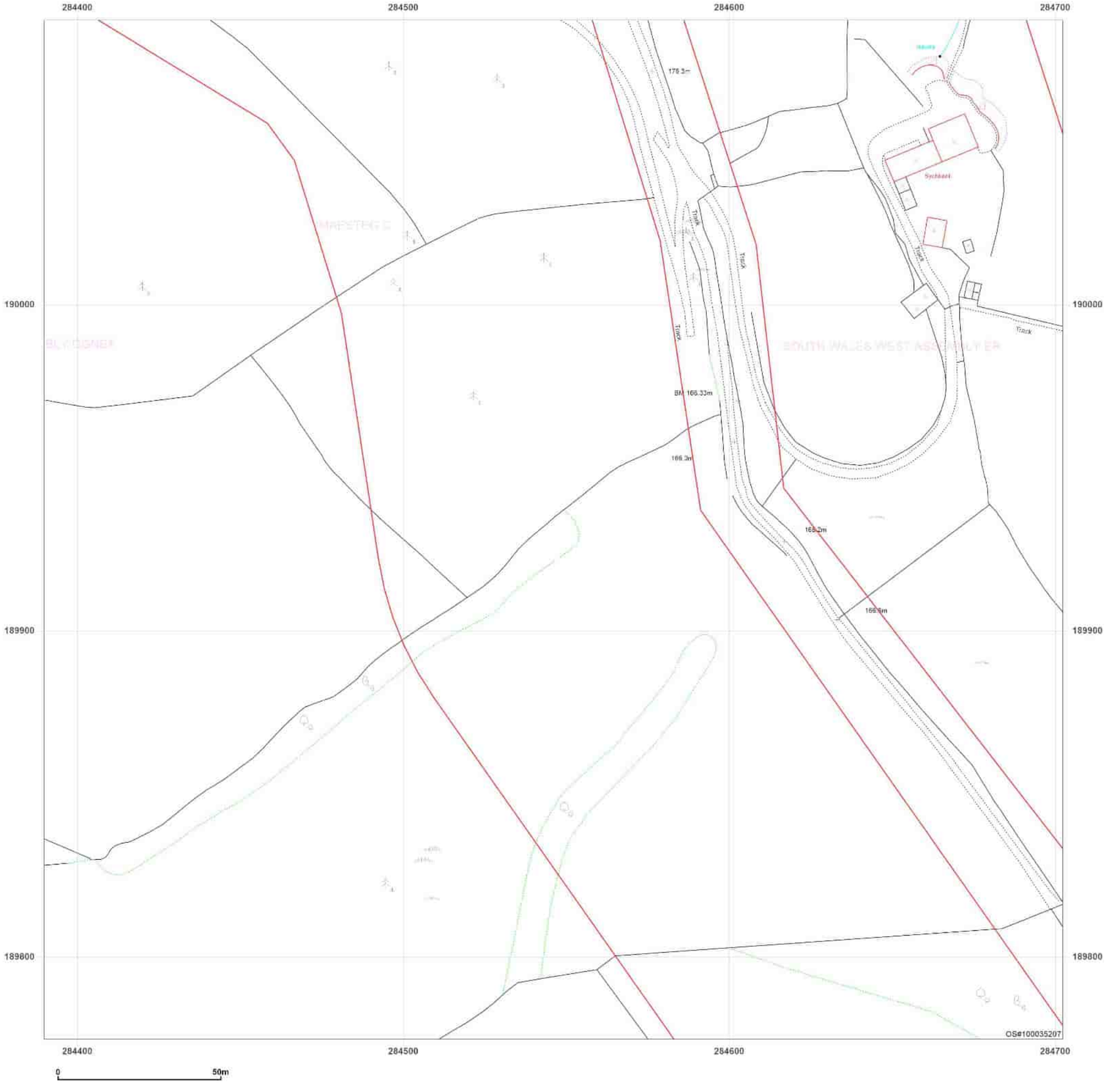
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_9
Grid Ref: 284546, 189931

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

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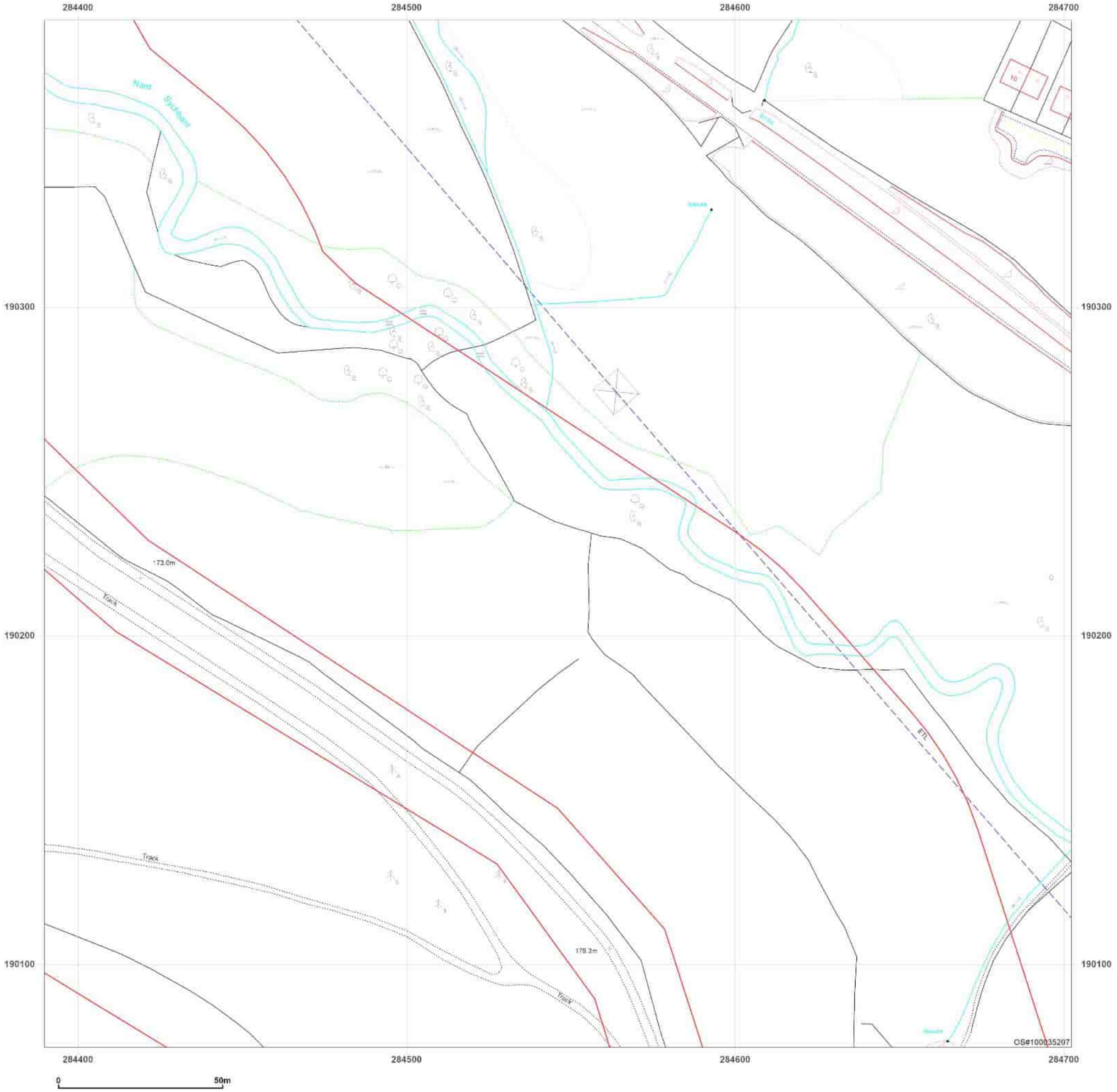
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_10
Grid Ref: 284546, 190231

Map Name: LandLine
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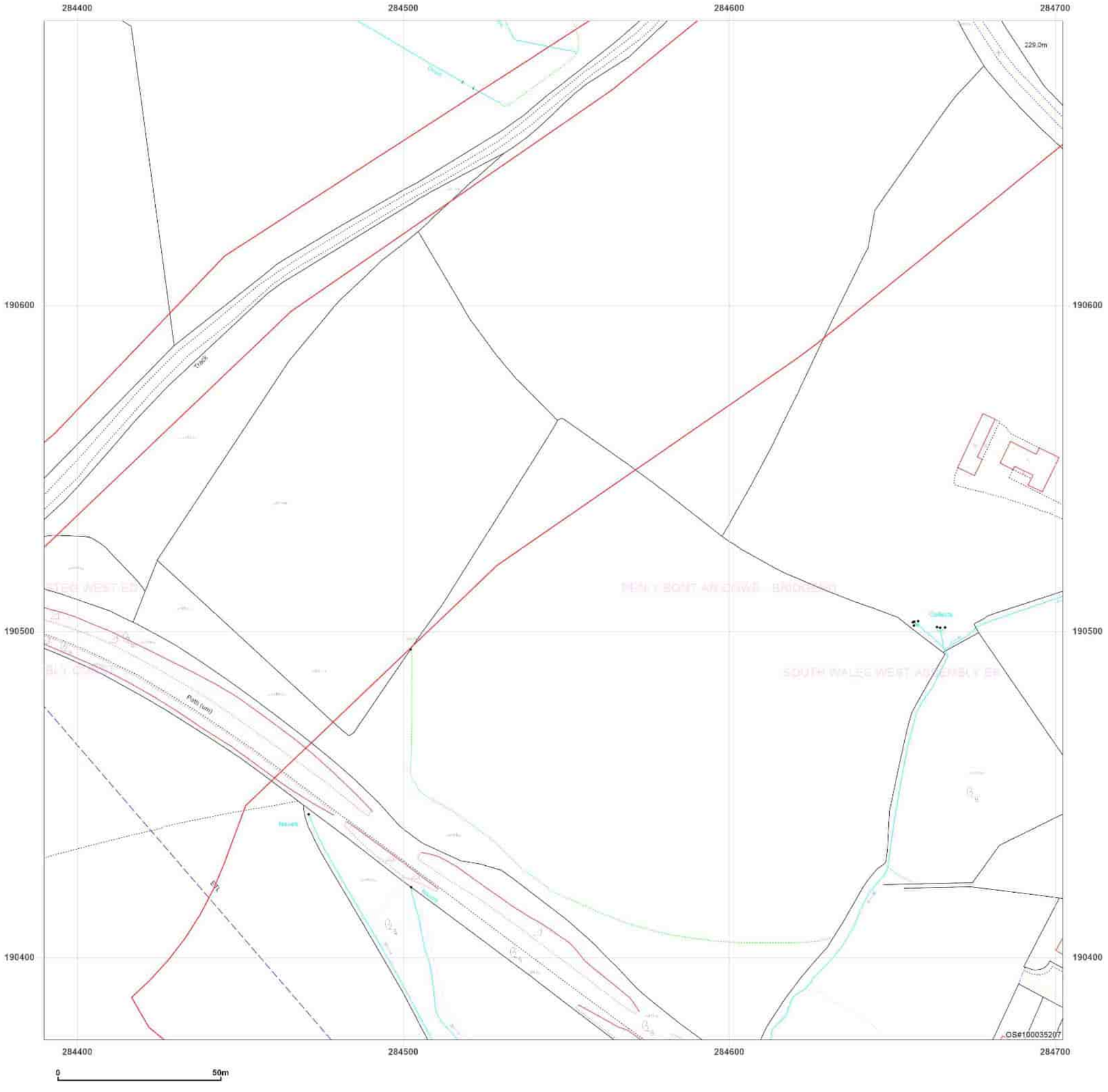
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Site Details:

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Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_11
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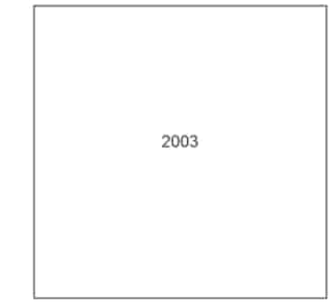
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Map date: **2003**

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Printed at: 1:1,250

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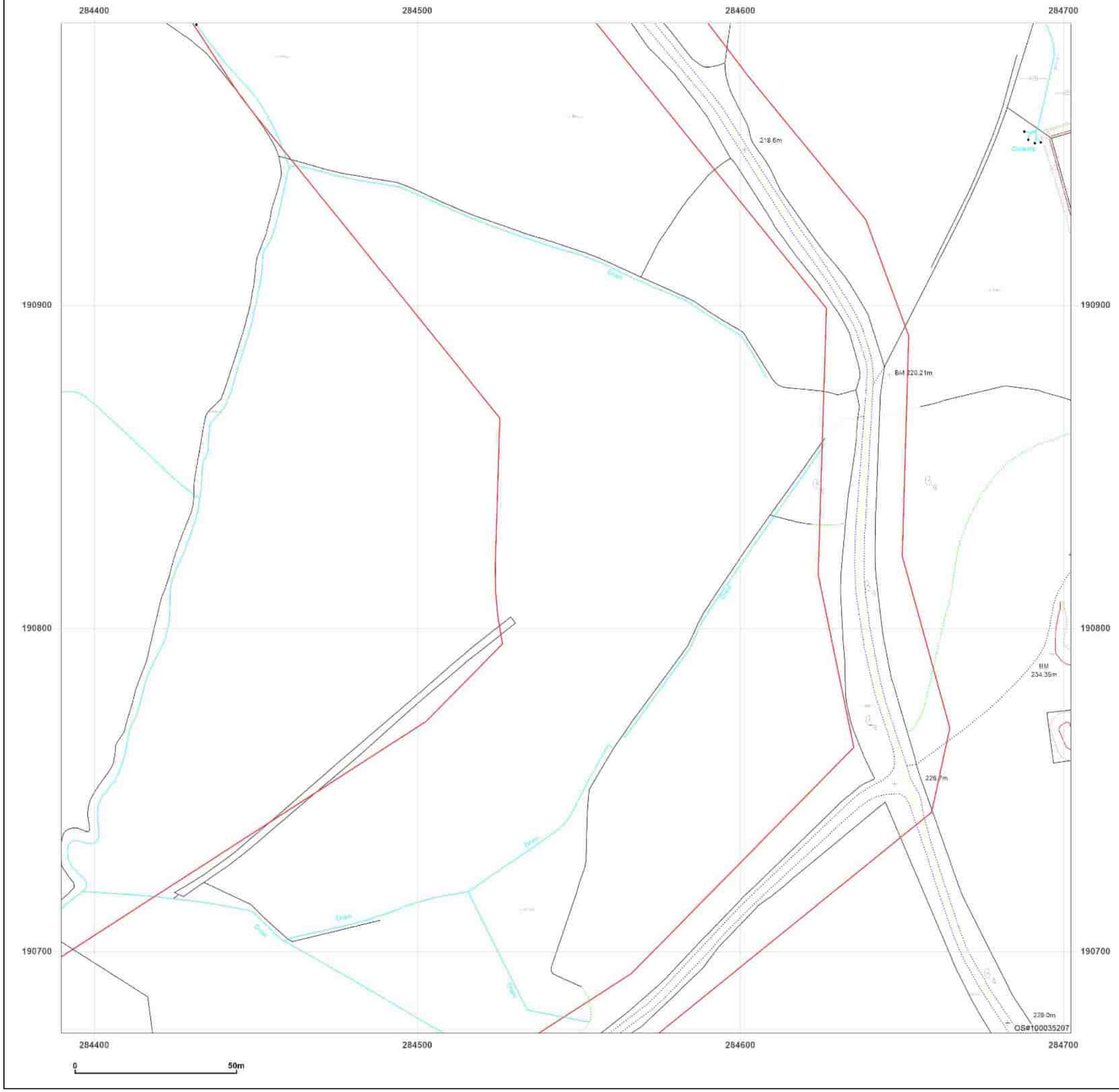
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_12
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Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

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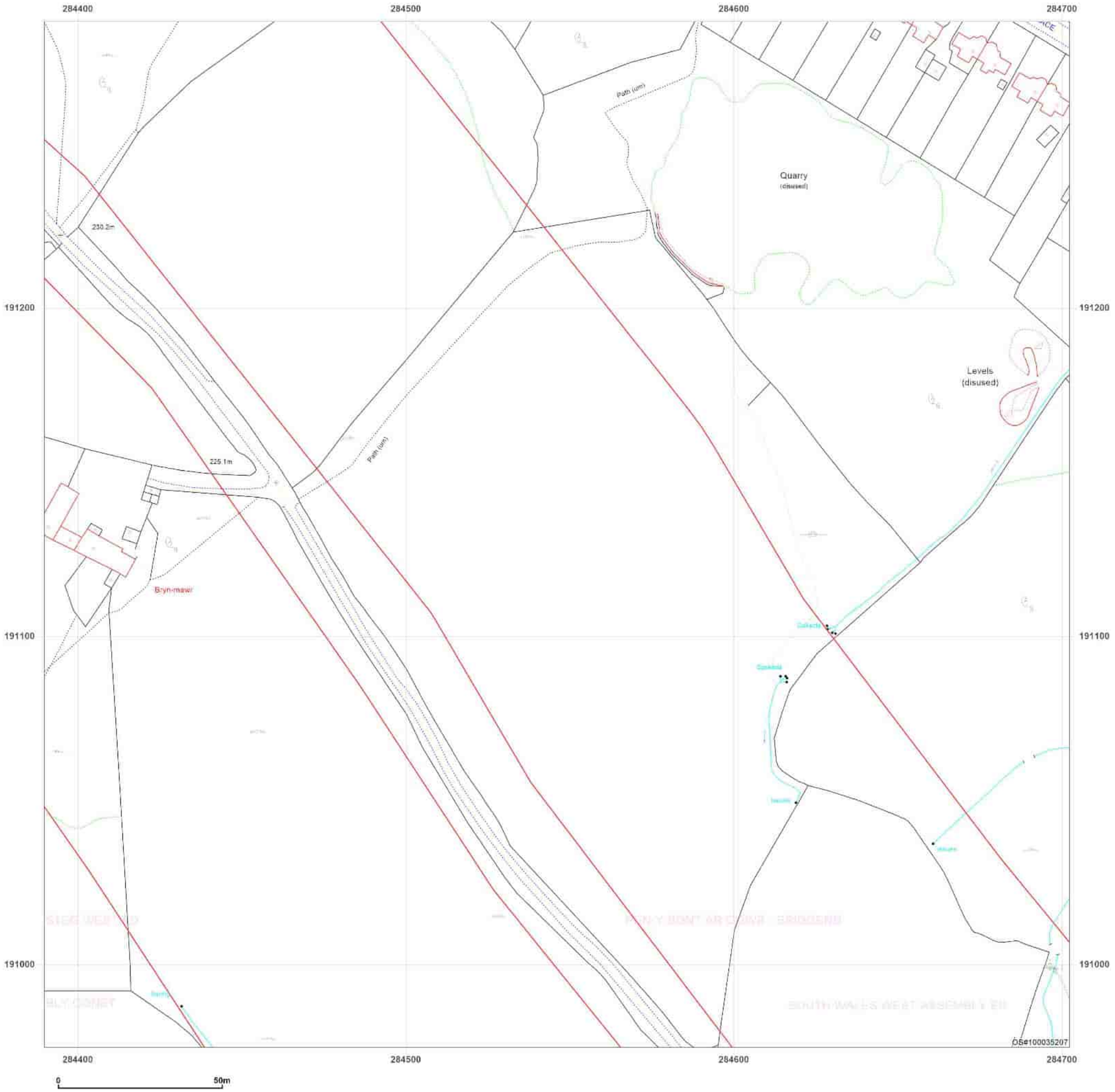


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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_13
Grid Ref: 284546, 191131

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_14
Grid Ref: 284546, 191431

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_15
Grid Ref: 284546, 191731

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

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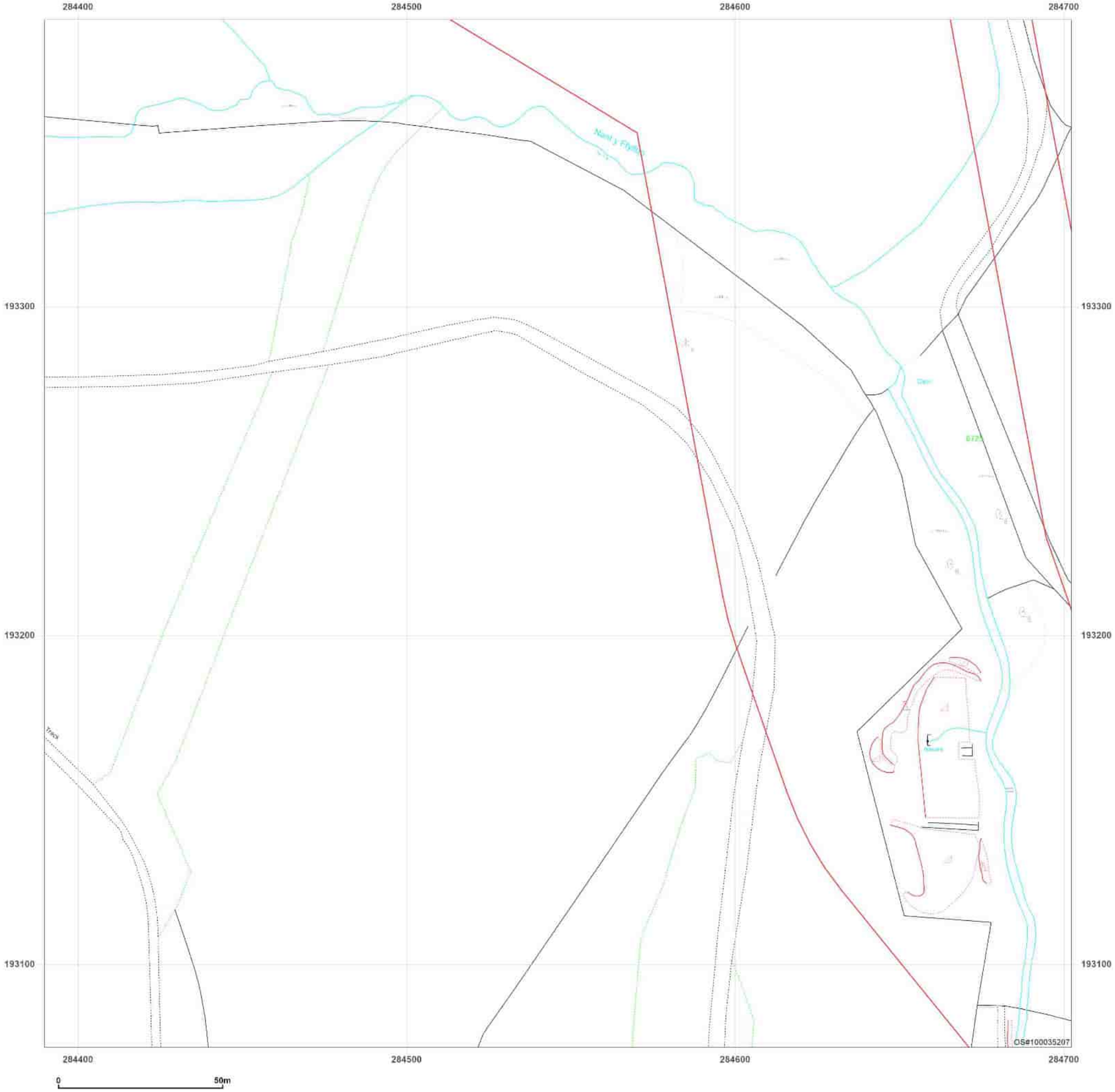
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_20
Grid Ref: 284546, 193231

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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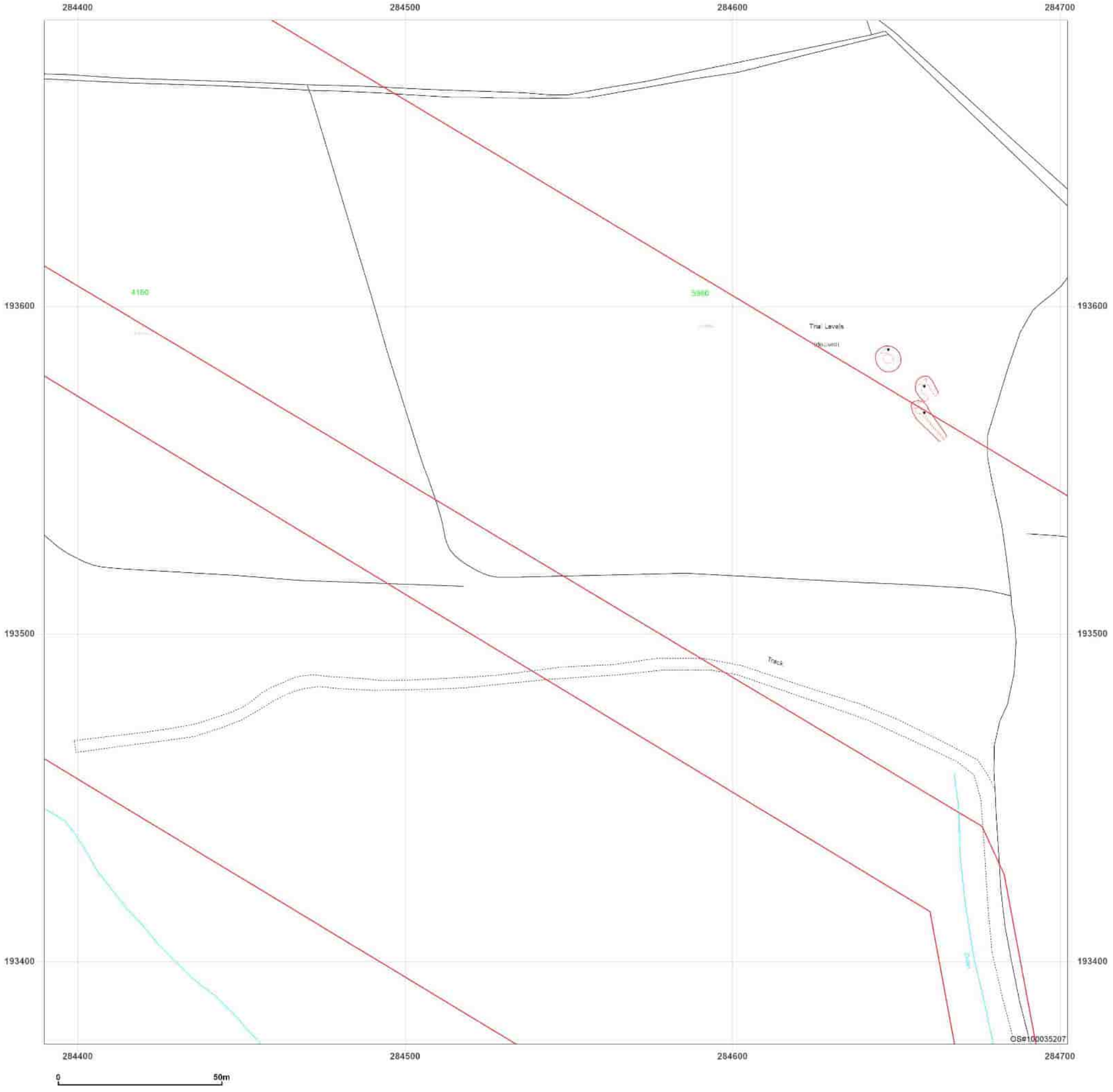
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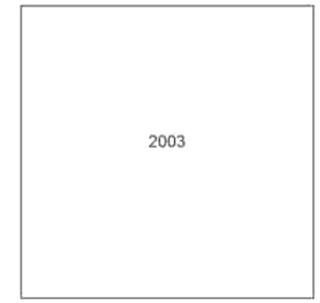
Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_3_21
Grid Ref: 284546, 193531

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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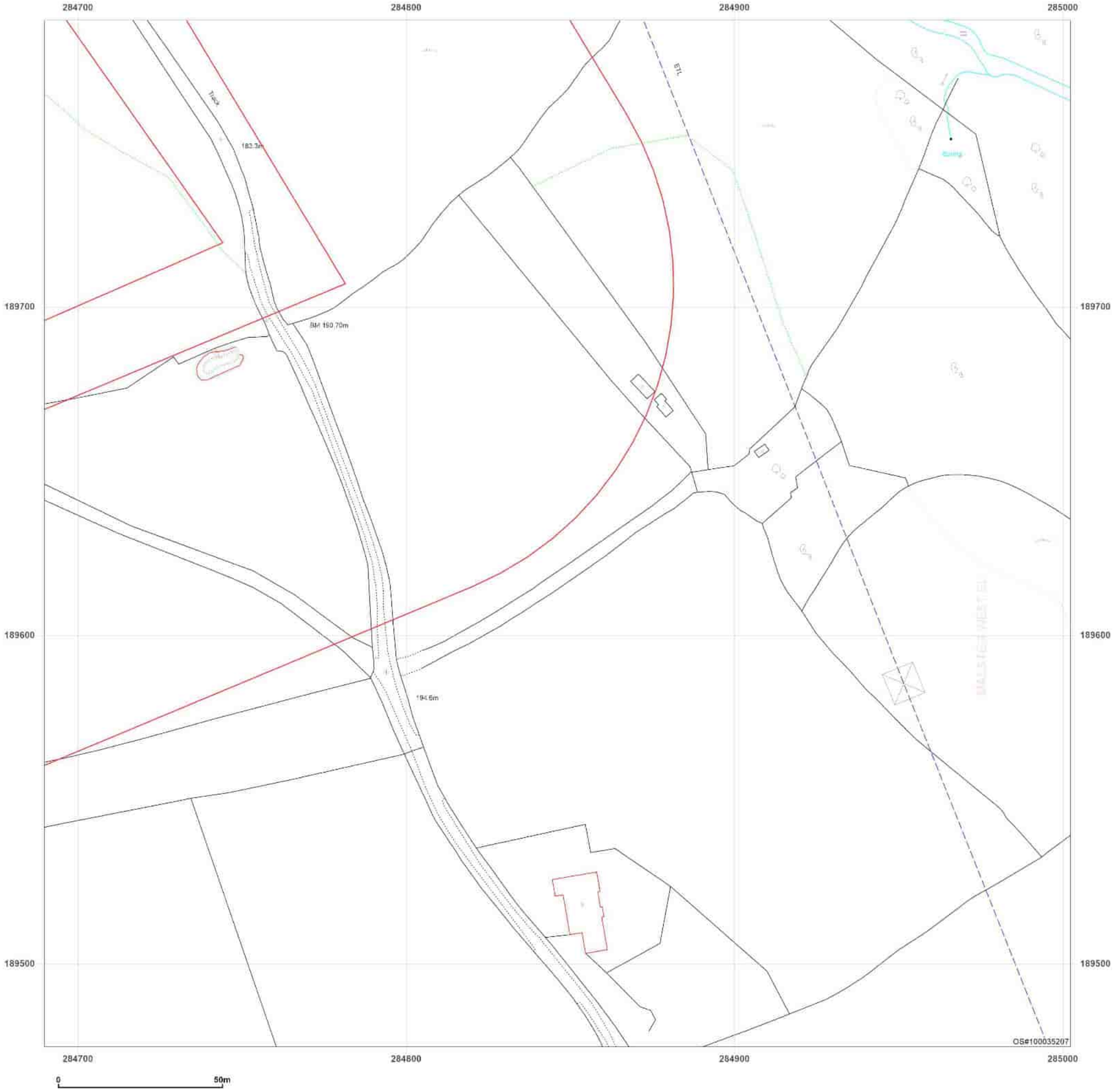
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_4_8
Grid Ref: 284846, 189631

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

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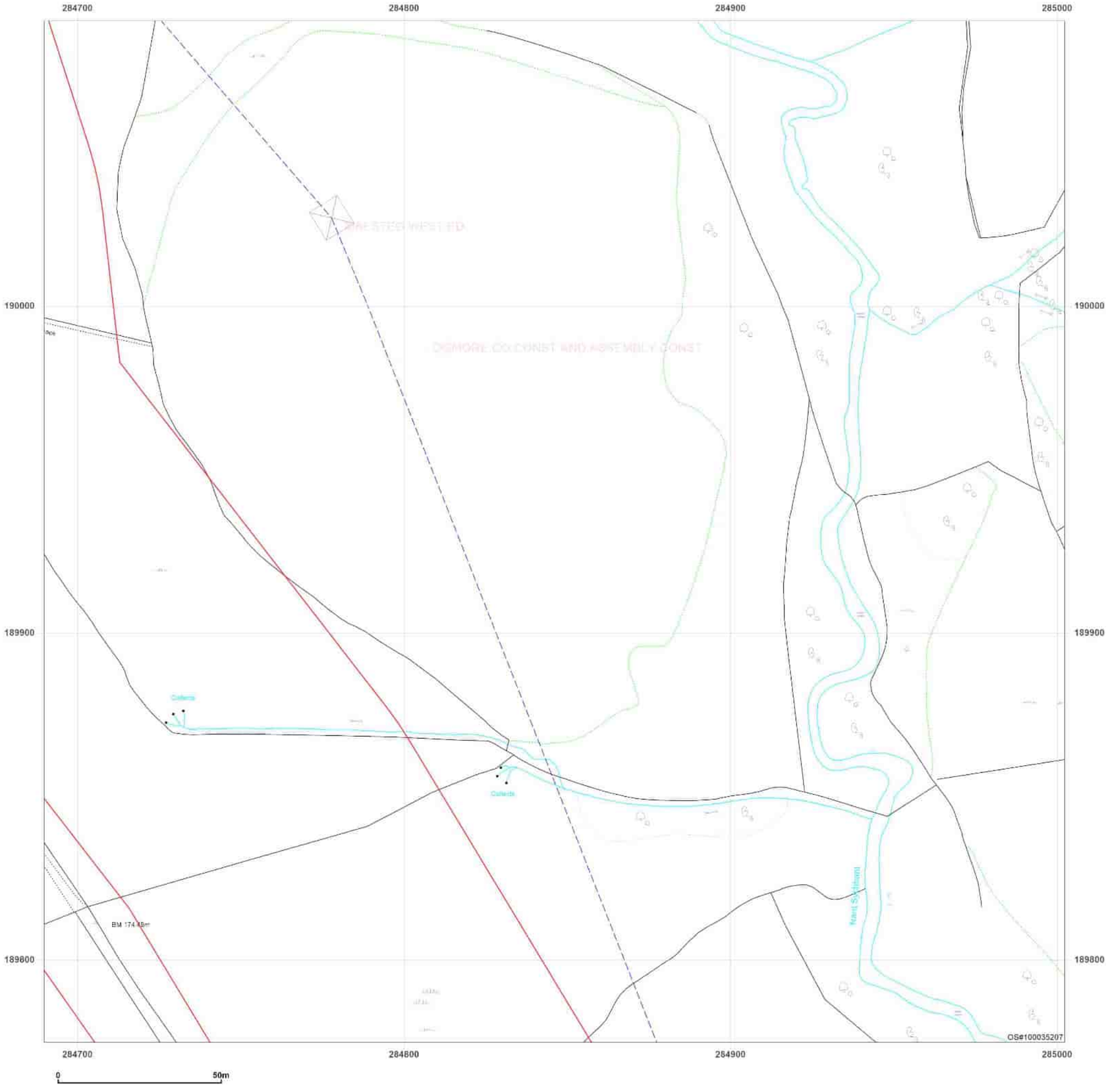
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_4_9
Grid Ref: 284846, 189931

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_4_15
Grid Ref: 284846, 191731

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_4_16
Grid Ref: 284846, 192031

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_4_17
Grid Ref: 284846, 192331

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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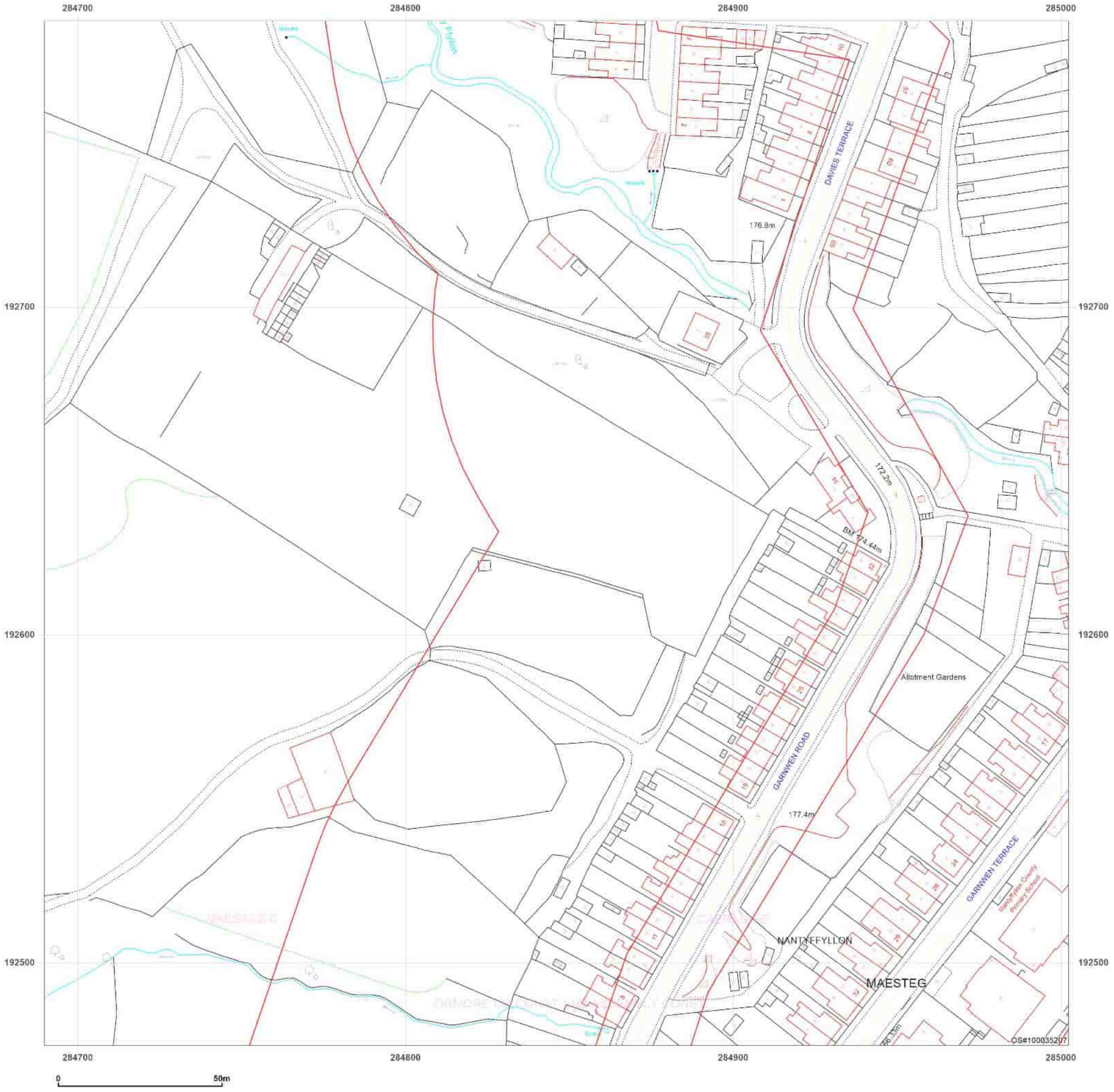
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_4_18
Grid Ref: 284846, 192631

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_4_19
Grid Ref: 284846, 192931

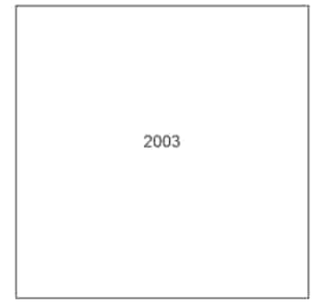
Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

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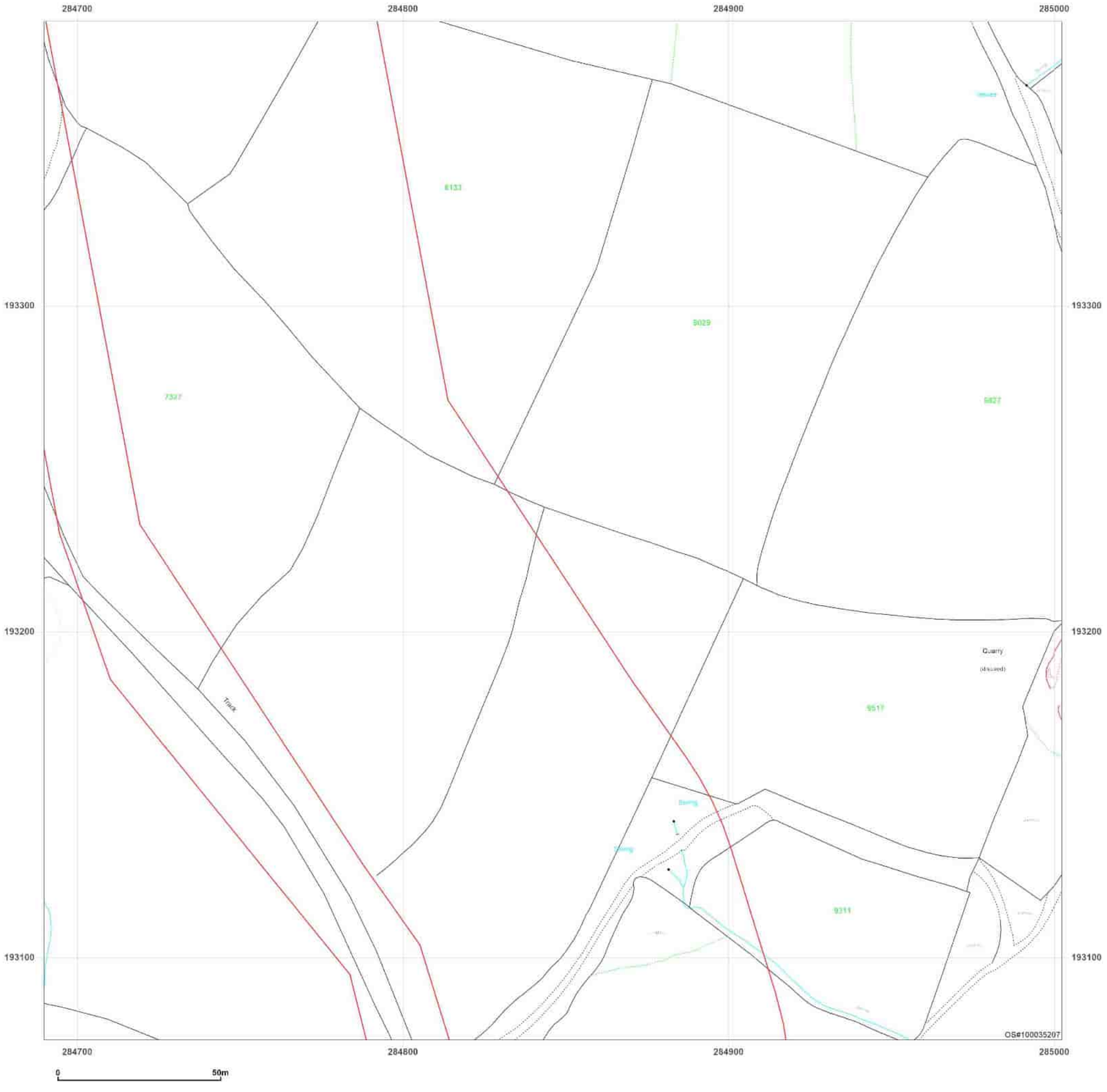
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Site Details:

FTN boundary

Client Ref: R123054UK001
Report Ref: WSP-3YH-FVY-1IR-IRY_Landline_4_20
Grid Ref: 284846, 193231

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

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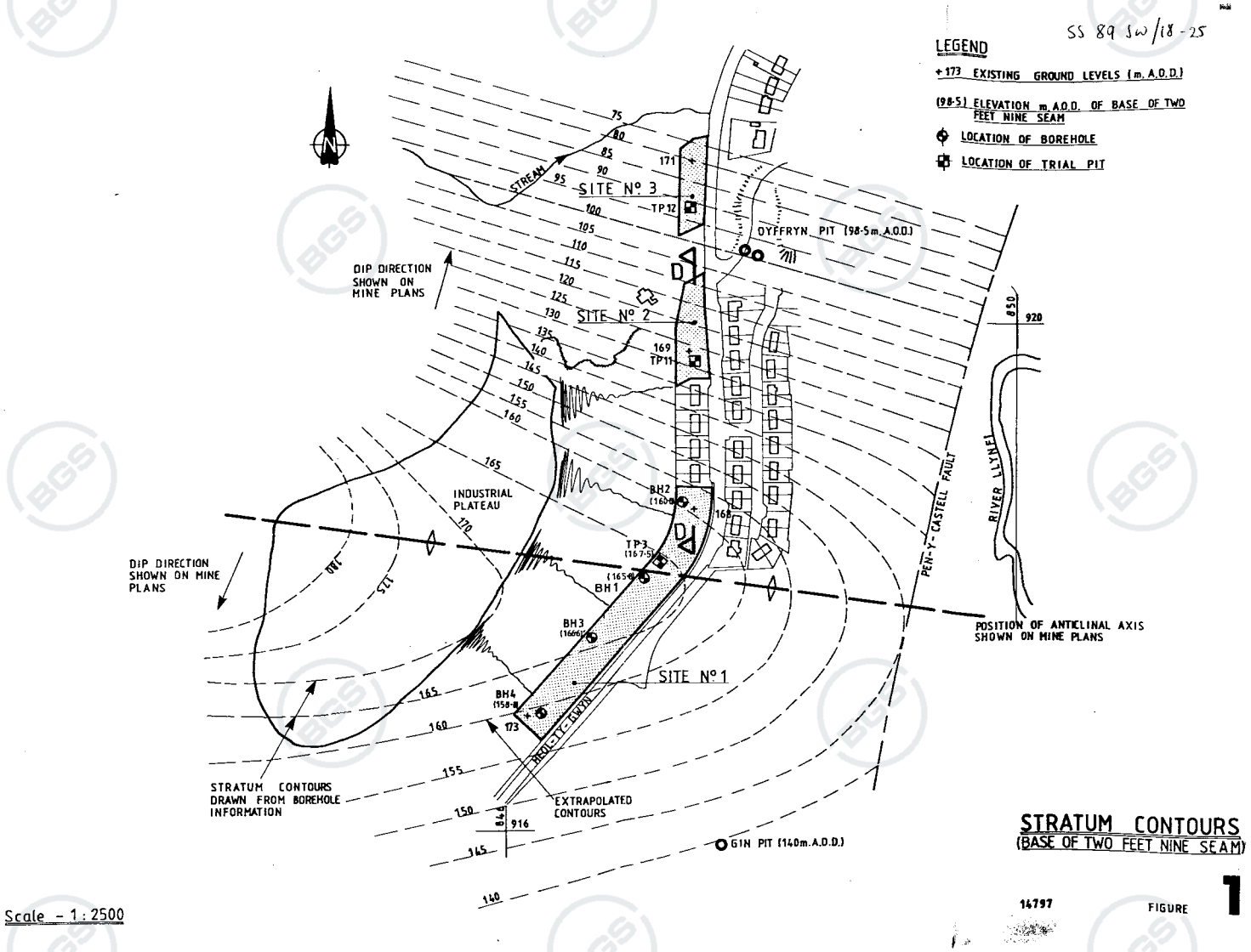
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Addendum F
BGS Borehole Records

British Geological Survey

BGS ID: 373302 : BGS Reference: SS89SW21
British National Grid (27700) : 284630,191670

SS 89 SW/18-25



Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 373302 : BGS Reference: SS89SW21
British National Grid (27700) : 284630,191670

OVE ARUP & PARTNERS

SS 89 SW/21

APPENDIX	A
JOB NO	14797
MADE BY	TG
DATE MADE	Oct.85

RECORD OF BOREHOLE 4 Sheet 1 of 2

DAILY PROGRESS	DEPTH TO WATER	DEPTHS OF CASING	SAMPLES DEPTH FROM	SAMPLES DEPTH TO	SAMPLES TYPE	LEGEND	DEPTH	REDUCED LEVEL	DESCRIPTION OF STRATA
									Ground Level 173.2 mAOD
24.10.85			0.00	2.00					0.0–0.1 Turf and topsoil Stiff grey-brown gravelly (mudstone and sandstone) sandy SILT with occasional cobbles of sandstone (FILL) Dry core drilling - full recovery
24.10.85		2.45					2.00	171.20	
25.10.85	1.80	(98)							Recovered as 0.45m very soft dark brown organic sandy SILT with rootlets and rotten twigs, some gravel of coal and sandstone cobbles (FILL) Position of base of fill uncertain.
			2.00	3.40	32		3.40	169.80	
			3.40	4.92	20				Very stiff grey-brown gravelly sandy SILT with some clay and frequent cobbles and boulders of sandstone (GLACIAL TILL) Low recovery due to water flush drilling.
			4.92	5.32	50				
			5.32	6.44	36				
			6.44	7.96	33				
5.10.85		4.92							
5.10.85	1.80	(98)	7.96	8.47	49				
			8.47	9.71	32		9.71	163.49	
									See sheet 2 for details

REMARKS

1. Water struck at 2.0m depth.
2. Full water flush returns 2.0 - 11.9m.
3. Water flush lost at 11.9m.
4. Borehole collapsing 10.9 - 14.27m
5. Borehole backfilled with cement - bentonite plug from 10.9 - 9.0m, cement grout 9.0 - 5.0m, gravel and clay 5.0m to ground surface.

TYPE OF BORING
0.0 - 2.00 Rotary dry drilling
2.00 - 14.27 Rotary water flush

DIAMETER OF BORING
0.0 - 4.92 98mm
4.92 - 10.91 86mm
10.91 - 14.27 76mm

CASING TUBES
0.0 - 4.92 98mm
4.92 - 10.91 84mm

BOREHOLE 4

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 373302 : BGS Reference: SS89SW21
British National Grid (27700) : 284630,191670

OVE ARUP & PARTNERS

SS 89 SW /21

RECORD OF BOREHOLE 4 Sheet 2 of 2

APPENDIX	A
JOB NO	14797
MADE BY	TG
DATE MADE	Oct. 85

DAILY PROGRESS	DEPTH TO WATER	DEPTHS OF CASING	SAMPLES DEPTH FROM	SAMPLES DEPTH TO	SAMPLES TYPE	LEGEND	DEPTH	REDUCED LEVEL	DESCRIPTION OF STRATA
									Ground Level 173.2 mAOD
28.10.85			9.71	11.23	26		11.23	161.97	Recovered as angular gravel of grey silty MUDSTONE with iron-stained surfaces, some fragments of iron-stone. (Probably disturbed by collapse of old workings)
	Lost water flush at 11.90		11.23	12.75	0		12.75	160.45	No recovery (OLD WORKINGS) Driller reported very loose ground, no void encountered
		4.92 (98)	12.75	14.27	26				Recovered as angular gravel of grey silty mudstone, sandstone; fragments of rotten timber; 0.28m waterlogged timber (cored through inclined pit Prop); and some soft grey gravelly clay (completely weathered seatearth) (OLD WORKINGS)
28.10.85		10.91 (84)					14.27	158.93	
									Borehole complete at 14.27m depth.

REMARKS

1. Water struck at 2.0m depth.
2. Full water flush returns 2.0 - 11.9m.
3. Water flush lost at 11.9m.
4. Borehole collapsing 10.9 - 14.27m
5. Borehole backfilled with cement - bentonite plug from 10.9 - 9.0m, cement grout 9.0 - 5.0m, gravel and clay 5.0m to ground surface.

TYPE OF BORING
0.0 - 2.00 Rotary dry drilling
2.00 - 14.27 Rotary water flush

DIAMETER OF BORING
0.0 - 4.92 98mm
4.92 - 10.91 86mm
10.91 - 14.27 76mm

CASING TUBES
0.0 - 4.92 98mm
4.92 - 10.91 84mm

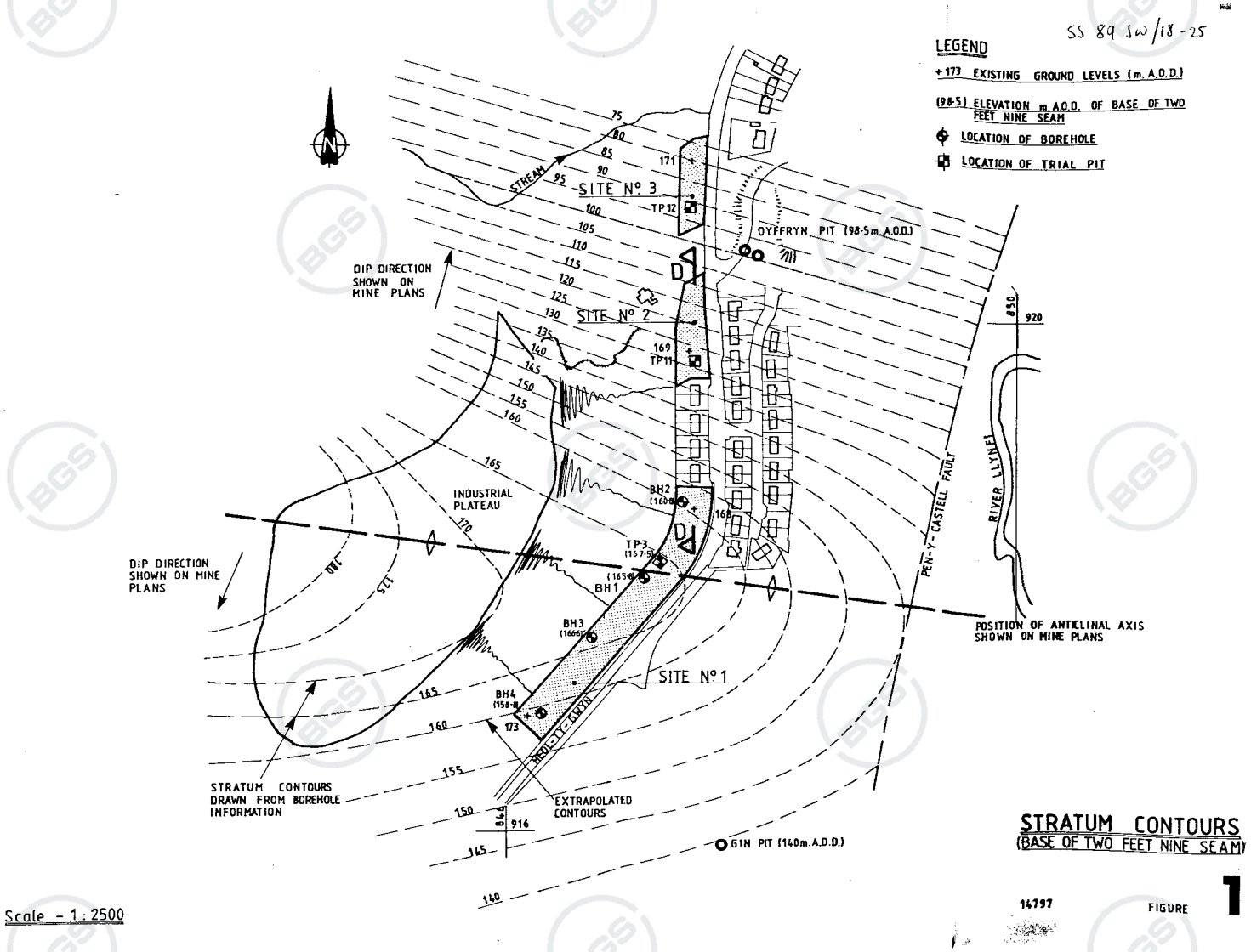
BOREHOLE 4

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 373303 : BGS Reference: SS89SW22
British National Grid (27700) : 284760,191920

SS 89 SW/18-25



Scale - 1:2500

STRATUM CONTOURS
(BASE OF TWO FEET NINE SEAM)

14797 FIGURE 1

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 373303 : BGS Reference: SS89SW22
British National Grid (27700) : 284760,191920

SS 89 SW/22.

TRIAL PIT TP11 Ground Level 169.1 mAOD

Depth (m)	Stratum
0.00 - 0.10	Turf and topsoil
0.10 - 0.15	Tarmac
0.15 - 0.40	Dense grey and yellow gravelly SAND (FILL)
0.40 - 1.30	Very weak grey very thinly bedded highly weathered MUDSTONE with frequent ironstone nodules.

Notes:

1. Sides of pit stable
2. No groundwater seepages encountered
3. Trial pit completed to instruction

Contact BGS: ngdc@bgs.ac.uk

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Addendum G
UXO and PDSA Report

March 2025

UNEXPLODED BOMB RISK MAP

SITE LOCATION

Location: CF34 9PH,
Map Centre: 284704,191308



This map principally indicates a hazard from Unexploded Bombs (UXB) due to WWII bombardment. Other sources of Unexploded Ordnance (UXO) may be present. It should be noted that this map does not represent UXO risk and should not be reported as such when reproduced.

LEGEND

- **High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- **Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- **Low:** Areas indicated as having 15 bombs per 1000acre or less.

Miltary | **Industry** | **UXO find** | **Other**
Transport | **Docks** | **Luftwaffe targets**
Utilities | **Bombing decoy** | **Airfields**

How to use your Unexploded Bomb (UXB) risk map?

This map indicates the potential for UXBs to be present because of World War Two (WWII) bombing. It can be incorporated into a technical report, such as a Phase 1 Desk Study, or similar document as an indication of the potential for UXO encounter on a Site. Other sources of UXO may also be indicated, although note that these are not comprehensive and more detailed research is required to confirm their presence.

What if my Site is in a moderate or high density area?

We typically recommend that a detailed UXO desk study and risk assessment is undertaken for sites in an area with a moderate or high bombing density.
Additionally, if your site is in close proximity to a strategic target, military establishment, airfield or bombing decoy, then additional detailed research is recommended.

If my site is in a low risk area, do I need to do anything?

If both the map and other research confirm that there is a low potential for UXO to be present on your site, then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

If you are unsure whether other sources of UXO may be present, you can request one of our pre-desk study assessments (PDSA) by emailing a site boundary and location to pdsa@zetica.com.

You should never plan site work or undertake a risk assessment using these maps alone. More detail is required, to include an assessment of the likelihood of a source of UXO hazard from other military activity not reflected on these maps.

If I have any questions, who do I contact?

tel: +44 (0) 1993 886682 **email:** uxo@zetica.com **web:** www.zeticauxo.com

The information in this UXB risk map is derived from a range of sources and should be used with the accompanying notes on our website.

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