

TROS YR AFON LLANWRST

BRIFF GWYLIO ARCHAEOLOEGOL/ ARCHAEOLOGICAL WATCHING BRIEF



Ymddiriedolaeth Archaeolegol Gwynedd
Gwynedd Archaeological Trust

TROS YR AFON LLANWRST

Briff Gwyllo Archaeolegol/ Archaeological Watching Brief

Yr Amgylchedd Hanesyddol yn Cofnodi Prif Gyfeirnod /
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Ysgrifenydd gan / Written by: Carol Ryan Young and Anne Marie Oattes

Front cover image: Golygfa dros y pwll o'r cwlfer / View over pond from culvert (archive reference: G2599_045)

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Approvals Table				
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Reviewed by	Document Reviewer	John Roberts		27/10/2020
Approved by	Principal Archaeologist	John Roberts		27/10/2020

Revision History			
Rev No.	Summary of Changes	Ref Section	Purpose of Issue

CRYNODEB ANHECHNEGOL

Dirprwyodd Ymddiriedolaeth Archeolegol Gwynedd gan A W Jones i ymgymryd briff gwylio archeolegol yn ystod llawrwaith yn gysylltiedig â datblygiad tai cyfagos i Tros yr Afon, Llanrwst, Conwy, tu mewn safle o bwll felin flaenorol. Mae rhai rhannau o'r argae felin yn bodoli ac wedi ei effeithio gan waith draeniad a tirluno yn gysylltiedig gyda'r datblygiad.

Cafodd arolwg archeolegol o'r gweddillion sy'n sefyll ei gwblhau o flaen llaw o'r dechreuad o'r gwaith adeiladu; y planhigion ar draws y pwll felin ei dileu, ffoes draeniau ei chloddio o amgylch y terfynau deheuol, dwyreiniol a gogleddol. Roedd croestoriadau cynrychiolaidd ei gofnodwyd o'r argae felin ogleddol a wnaeth datguddio llethr naturiol sydd wedi'i estyn gan wyneb cerrig er mwyn i greu'r pwll felin. Roedd briff gwylio ei gynnal yn ystod prif lawr gwaith yr adeiladu, gan gynnwys y cloddiaid o 5 prawf pydew a wnaeth datguddio swm mawr o dir ei wneud tu mewn i'r pwll felin.

NON-TECHNICAL SUMMARY

Gwynedd archaeological trust was commissioned by A W Jones to undertake an archaeological watching brief during the groundworks associated with a housing development adjacent to Tros yr Afon, Llanrwst, Conwy, within the site of a former mill pond. Some sections of the mill dam survive and were affected by the drainage and landscaping works connected with the development.

An archaeological survey of the upstanding remains was completed prior to the start of the construction works; the vegetation across the mill pond was removed, and drainage ditches were excavated around the southern, eastern and northern boundaries. Representative cross-sections of the northern mill dam were recorded which revealed that a natural bank had been augmented with revetment stones in order to create the mill pond. A watching brief was maintained during the main construction groundworks including the excavation of 5 test pit which revealed a large amount of made ground within the mill pond.

1 INTRODUCTION

Gwynedd Archaeological Trust (GAT) was commissioned by AW Jones Building Contractors to undertake a watching brief during the groundworks associated with a housing development scheme adjacent to Tros yr Afon, Llanrwst, Conwy (NGR SH80296219; Figure 01). The development is located c.150m to the northeast of Felin Isaf, a derelict eighteenth century corn mill (Primary Reference Number (PRN) 34559; SH80166200). The site is located within the site of the former mill pond and the mill dam partially survives as a bank extending across the northwest of the site and defining the eastern and part of the southwestern boundaries. The development layout retained the eastern boundary section, but the other sections were levelled for construction, whilst the retained section was likely to be locally affected by landscaping and drainage works. An intensive watching brief was undertaken between October 2019 and August 2020

As stated in correspondence prepared by Gwynedd Archaeological Planning Services (ref. 1031je01/D3194), the archaeological mitigation was threefold and took place partly before and partly during construction and included a full record of the millpond and any associated evidence that may have been uncovered (e.g. sluice gate). The key mitigation elements included:

1. an archaeological survey of the upstanding remains prior to construction - this utilised any existing topographic data as well as supplementary recording;
2. the archaeological investigation and recording of a representative cross-section of the mill dam;
3. an archaeological watching brief during construction groundworks.

The mitigation was completed in accordance with the following guidance:

- *Guidance for the Submission of Data to the Welsh Historic Environment Records (HERs)* Version 1.1 (The Welsh Archaeological Trusts, 2018);
- *Guidelines for digital archives* (Royal Commission on Ancient and Historic Monuments of Wales, 2015);
- *Management of Archaeological Projects* (English Heritage, 1991);
- *Management of Research Projects in the Historic Environment: The MoRPHE Project Managers' Guide* (Historic England, 2015); and
- *Standard and Guidance for Archaeological Field Evaluation* (Chartered Institute for Archaeologists, 2014).

The archaeological evaluation was monitored by GAPS and was undertaken in accordance with an approved Written Scheme of Investigation ([Appendix I](#)). In line with the GAT Historic Environment Record (HER) requirements, the HER was contacted at the onset of the project to ensure that any data arising is formatted in a manner suitable for accession to the HER and follows the guidance set out in *Guidance for the Submission of Data to the Welsh Historic Environment Records (HERs)* (The Welsh Archaeological Trusts, 2018). The HER was informed of the project start date, location including grid reference and estimated timescale for the work. The GAT HER enquiry number is GATHER12065 and the event primary reference number is 45394. A bilingual event summary has been prepared for submission to the HER in accordance with their guidance.

Gwynedd Archaeological Trust is certified to ISO 9001:2015 and ISO 14001:2015 (Cert. No. 74180/B/0001/UK/En) and is a Registered Organisation with the Chartered Institute for Archaeologists and a member of the Federation of Archaeological Managers and Employers (FAME).

2 ARCHAEOLOGICAL AND HISTORICAL BACKGROUND

The development site is located c.150m northeast of Felin Isaf corn mill (PRN 34559; NGR SH80166200). The mill was established in the 18th century, with a date stone listing 1765 and included a leat and mill pond. The mill is still extant but is in a derelict state (Evans and Burnett, 2012). Part of the development site incorporates the former mill pond, and the mill dam partially survives as a bank extending across the northwest of the site and defining the eastern and part of the southwestern boundaries. This pond was a later addition to the mill system and is visible on the First Edition Ordnance Survey 1-inch to 25-mile map of the area (Sheet XI.14; cf. Figure 02). The pond subsequently went out of use during the twentieth century. Further examination of the First to Third Editions of map Sheet XI.14 (Figures 02 to 04), shows the development partly including a large irregular shaped field with the mill pond clearly occupying the majority of the site. A pathway is visible running to the south across the field, whilst a former quarry is visible in an adjacent field to the east.

3 METHODOLOGY

3.1 Introduction

The groundworks were completed as a staged process, including vegetation clearance, drainage works and subsequent main groundworks. The archaeological mitigation included the following:

- an archaeological survey of the upstanding remains prior to construction and after vegetation clearance - this will utilise any existing topographic data as well as supplementary recording;
- the archaeological investigation and recording of a representative cross-section of the mill dam during construction groundworks;
- an archaeological watching brief during construction groundworks.

A daily attendance record was maintained using GAT pro-formas, photographic images were taken using a digital SLR (Nikon D3100) camera set to maximum resolution (4608 × 3072 14.2 effective megapixels) in RAW format; a photographic record was maintained on site using GAT pro-formas and digitised in Microsoft Access as part of the fieldwork archive and dissemination process. Photographic images will be archived in TIFF format using Adobe Photoshop; the archive numbering system runs from G2599_001 to G2599_181 (cf. [Appendix II](#)).

3.2 Archaeological survey of the upstanding remains prior to construction

The survey was completed for the upstanding remains of the dam wall, centred on NGR SH80226227. Field records were completed on GAT pro-formas and included a written record, supported by dimensions and photographs. Existing topographic surveys prepared by client were used as a reference, and supplemented by additional survey using a *Trimble* R8 GPS unit.

3.3 Archaeological investigation and recording of a representative cross-section of the mill dam

A representative cross-section of the mill dam was excavated and a record made of the phasing and construction details. This was undertaken in advance of construction and included hand excavation and cleaning as well as the use of a small tracked excavator supplied by the site contractor. The sequence included initial de-turfing to expose any surfaces, followed by excavation of the cross section using both hand excavation and machine excavation, as well as cleaning of exposed sections and surfaces. The machine was operated by the site contractor, but was directed and controlled by the archaeologist who determined the appropriate use and frequency of the machine. Field records were completed on GAT pro-formas completed on site and included a written record, supported by dimensions and photographs. The written record included a description of the structural form of the dam wall as well as any visible phasing. Plans or sections were drawn at a minimum 1:10 scale using GAT A4 or A2 pro-forma *permatrace*.

3.4 Archaeological watching brief during construction groundworks

The archaeological watching brief was completed on an **intensive** basis and incorporated the entire construction site. The watching brief monitored the construction work to the limit of excavation, which was defined as an archaeological horizon, the construction limit or the glacial horizon, whichever was encountered first. The watching brief focused in particular on any mill related features.

4 RESULTS

4.1 Introduction

The archaeological survey was completed on the 31st October 2019, followed by the vegetation clearance in November 2019. The subsequent dam record and general watching brief were completed during the main groundworks programme between November 2019 and July 2020.

4.2 Archaeological survey of the upstanding remains prior to construction

The survey was completed for the upstanding remains of the dam wall, centred on NGR SH80226227. Field records were completed on GAT pro-formas and included a written record, supported by dimensions and photographs. Existing topographic surveys prepared by client were used as a reference, and supplemented by additional survey using a *Trimble* R8 GPS unit. The location plan of the photographic survey is included as Figure 05.

4.2.1 Northern Bank - External

The northern bank of the mill pond is still clearly discernible though it is completely covered by large trees, ivy and other vegetation (Plate 01). The northern bank survives to a length of c.50m. A footpath runs along the northern side of the mill pond bank. The external structure of the northern bank is completely obscured by vegetation.

4.2.2 Northern Bank - Internal

There are numerous large stones visible some still in situ and some in close proximity to the bank. These were revetment some of which have been displaced by the tree roots and undergrowth (Plate 02). With the stone revetment compromised, the bank appears to have 'slumped' in places. Some in situ stones are noted (Plate 03). There are 2 'informal' access routes into the main pond across the bank. These are clearly discernible due to the lower vegetation coverage and slightly eroded bank (Plate 04). These informal access routes are situated approximately 25m and 43m down the northern bank when measured from the western end. The top of the bank is only an average of 0.4m higher than the internal ground level suggesting a large amount of 'made ground' present internally.

4.2.3 Eastern Bank – External

The footpath noted along the northern bank continues along the eastern bank (Plate 05). The footpath is at the same height at the top of the bank which is approximately 2m above the internal ground level of the mill pond. No revetment is visible on top of the bank due to the trees and undergrowth.

4.2.4 Eastern Bank – Internal

This area of the mill pond at the time of the survey was very wet with running water along the length of the bank inhibiting access. Like the northern bank, the eastern bank has stone revetment evident internally. The revetment stones on this bank appear to be better preserved in the areas that could be accessed (Plate 06). A slate culvert is visible at the northern end of the eastern bank. It was mostly obscured by vegetation and rubbish so dimensions and construction could not be established during the survey (Plate 07). A dry channel runs under the eastern footpath to a sluice gate situated externally to the mill pond.

4.2.5 West Bank – External

The external portion of the west bank is obscured by modern fencing associated with the adjacent housing development.

4.2.6 West Bank – Internal

The bank is far more substantial than the others, possibly due to construction debris from the development of the adjacent housing (Plate 08). Some possible revetment stones were noted through the dense vegetation coverage but do not appear to be in situ.

4.3 Archaeological investigation and recording of a representative cross-section of the mill dam

4.3.1 Breakthrough 1

Breakthrough 1 was situated in the northern bank of the mill pond in between the trees with the thicker tree roots left in situ. An intervention measuring 5.3m length, 0.8m wide and 0.6m in depth was excavated using a small tracked excavator and hand excavation and cleaning (Plate 09, Figure 06). The topsoil (09) in this intervention consisted of a friable mid-brown clayey silt with sub angular pebble inclusions and frequent roots from the large trees lining the bank. It measured up to 0.22m in depth. Under this was a natural bank (10) consisting of a firm orangey yellowish brown clay with sub angular pebble inclusions. At the southern end of the intervention a firm blueish grey clay (11) with grit and gravel inclusions can be seen on the natural slope into the internal section of the mill pond. This deposit ranges in depth from 0.01m to 0.35m. There are some stones (12) located on the S face of the bank which have been used as revetment to consolidate and strengthen the bank material (Plate 10). They are mostly dislodged in this area which has been used as an entry and exit point into the main pond area.

4.3.2 Breakthrough 2

Breakthrough 2 is situated in the northern bank of the mill pond approximately 4m west of breakthrough 1. An intervention measuring 5.8m length, 0.8m wide and 0.6m in depth was excavated using a small tracked excavator and hand excavation and cleaning. The central section of the stone clad earth bank was left intact due to the many tress roots binding stones (Plate 11).

The topsoil (01) in this area consisted of a friable medium brown clayey silt with grit and gravel inclusions and contained frequent roots. It had a maximum depth of 0.2m. Under the topsoil (01) was a subsoil (02) layer consisting of a firm light greyish brown clayey silt with sub-angular stone inclusions and large roots. This was a very thin layer only 0.05m in depth. At the southern end of the intervention was a firm blueish grey clay (03) overlies a compact orangey yellow clay natural (04). The grey clay (03), like in breakthrough 1 is limited to the internal section of the mill pond (Plates 12 & 13, Figure 07). The natural (04) seems to form a natural bank which drops to the south forming the internal section of the mill pond. Large sub-angular stones (13) have been used along and on top of the bank as revetment which must have previously extended the length of the bank. However, once the millpond went out of use and tress have taken over the bank most of the revetment has been disturbed and is no longer in situ. Informal entrances into the internal area of the mill pond has also contributed to the destruction of the revetment and the wearing down of the bank. Context (14) on Figure 07 is redeposited material from the temporary drainage channel

4.3.3 Breakthrough 3

Breakthrough 3 is located approximately 6.75m west of the stone culvert situated in the eastern bank of the mill pond. The bank in this area is very low as it has been used for informal access to the mill pond for a prolonged period of time and there are no revetment stones remaining in this area. The topsoil (05) in this intervention consists of a friable mid greyish brown clayey silt with sub-angular pebble inclusions and frequent roots and is 0.4m in depth. Underlying this is a subsoil (06) layer consisting of a firm light greyish brown clayey silt with sub-angular pebble inclusions with a maximum depth of 0.25m. The subsoil (06) gave way to a firm light greyish brown clayey silt layer (07) with sub-angular pebbles and frequent roots which had a maximum depth of 0.18m. This layer was only visible at the northern end of the intervention and was only encountered in breakthrough 3. Like in the other breakthroughs, a firm blueish grey clay layer (08) with sub-angular pebbles was located to the southern end of the intervention, internal to the mill pond. This layer had a maximum depth of 0.28m (Plate 14, Figure 08).

4.4 Archaeological watching brief during construction groundworks

4.4.1 Vegetation clearance

The vegetation was cleared from within the internal area of the mill pond and the ground reduced in order to remove the waterlogged material from the development area (Plate 15). The excavated material was all made ground and contained large amounts of modern material including plastic, wood, ceramic and building materials. The internal mill pond area has obviously been used as a dumping ground for a prolonged period of time.

4.4.2 Drainage Ditch

A ditch was excavated along the eastern boundary which measured 0.7m deep x 0.7m wide through made ground with wood, plastic and other rubbish visible to a depth of 0.3m below the surface (Plate 16). The trench sides were very unstable and were collapsing during the excavation and the trench was filling with running water immediately. The excavation of the ditch continued towards the southern boundary and terminated at the south western corner of the site where the ground was less waterlogged.

4.4.3 Drainage pipe through NW boundary.

A trench was excavated through the NW boundary at its western end in order to install a 4" pipe for drainage. The majority of the trench was excavated through the natural and the blueish grey clay layer noted at the southern end of each of the interventions through the bank. This grey clay layer had a maximum depth within the trench of 0.4m and was only seen within the internal area of the pond (Plate 17).

4.4.4 *Test pits*

5 test pits were excavated within the development area, all but test pit 1 under archaeological supervision:

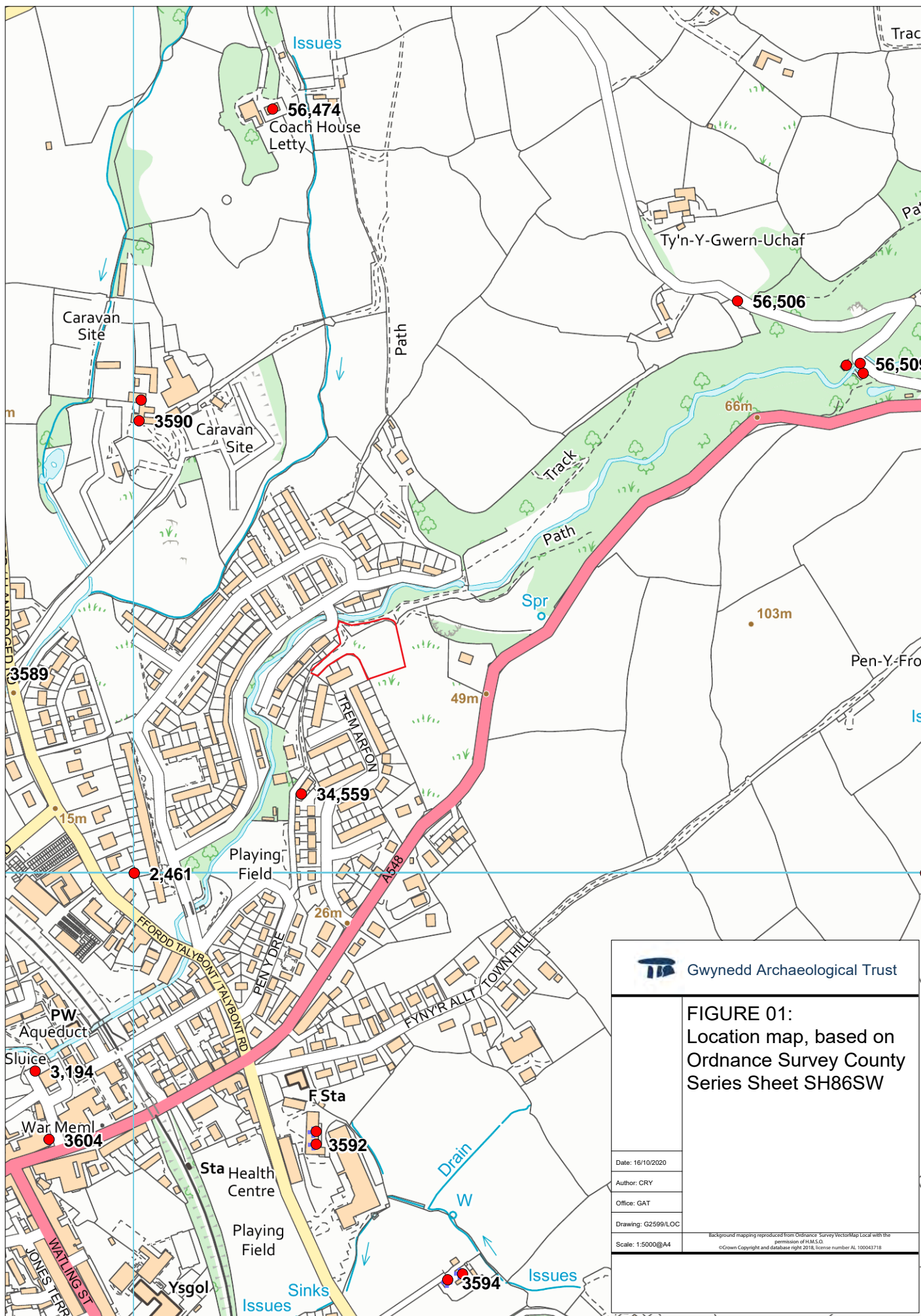
- Test pit 2 was located close to the southern limit of the development. It measured 3m in length and 1.2m width and was excavated to a depth of 1.4m. The initial layer of made ground (mid brown clayey silt mixed with building rubble) had a depth of 0.8m. This sealed a layer of blue grey clay with a depth of 0.3m, presumed to be the same blue grey clay seen in the bank breakthroughs. The natural in this test pit consisted of a light orange grey sandy clay mixed with frequent gravel and stone inclusions (Plate 18).
- Test pit 3 was situated at the west edge of the site, adjacent to the existing houses. It measured 3m in length, 1.2m width and was 1.5m deep. Approximately 0.5m depth of mixed dump material and topsoil was deposited onto natural bands of orange clay and yellow gravel (Plate 19).
- Test pit 4, located at the north eastern corner of site close to the slate culvert, measured 3m in length, 1.2m width and 2m in depth. A large proportion of this test pit comprised of a 1.4m deep layer of very soft light brownish grey clay with a concentration of organic matter at the base. Underlying this was a 0.3 deep layer of machine crushed quarry slate. This overlaid a thin layer of blue grey and natural orangey gravel (Plates 20 & 21).
- Test pit 5 was situated to the north western site of the development and had the same deposits as in test pit 4 (Plate 22).

5 CONCLUSION

The archaeological survey of the upstanding remains revealed that the northern bank of the mill pond had been damaged by the roots of large trees growing along its length. The western bank was mostly obscured by fencing and building rubbish associated with the nearby housing development. The eastern bank was inaccessible on the date of the survey however a slate culvert was noted at the junction of the northern and eastern banks. After the vegetation across the mill pond was removed, and drainage ditches were excavated around the southern, eastern and northern boundaries. Representative cross-sections of the northern mill dam were recorded which revealed that a natural bank had been augmented with revetment stones in order to create the mill pond. A watching brief was maintained during the main construction groundworks including the excavation of 5 test pits which revealed a large amount of made ground within the mill pond.

6 SOURCES CONSULTED

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FIGURE 01:
Location map, based on
Ordnance Survey County
Series Sheet SH86SW

Date: 16/10/2020

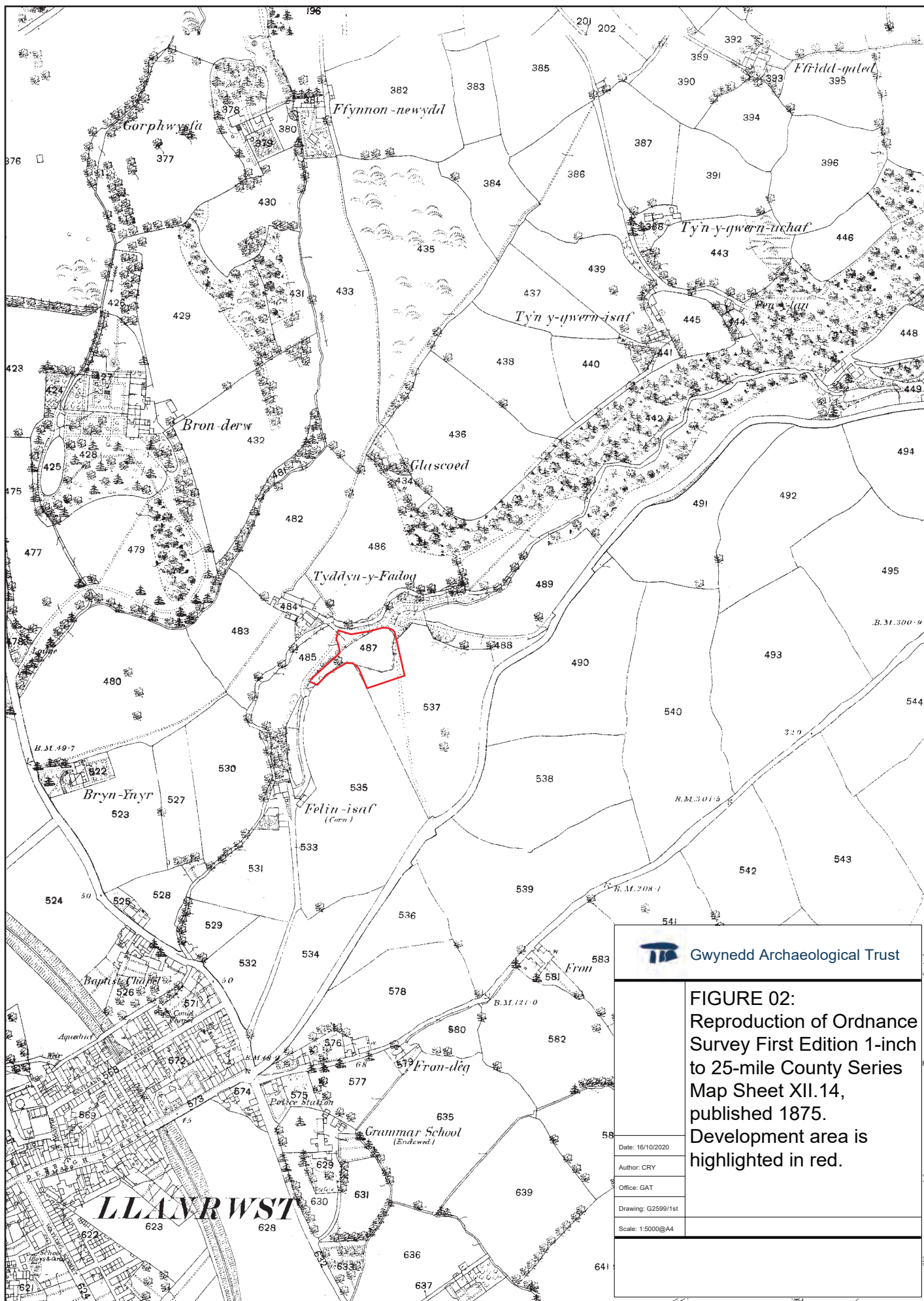
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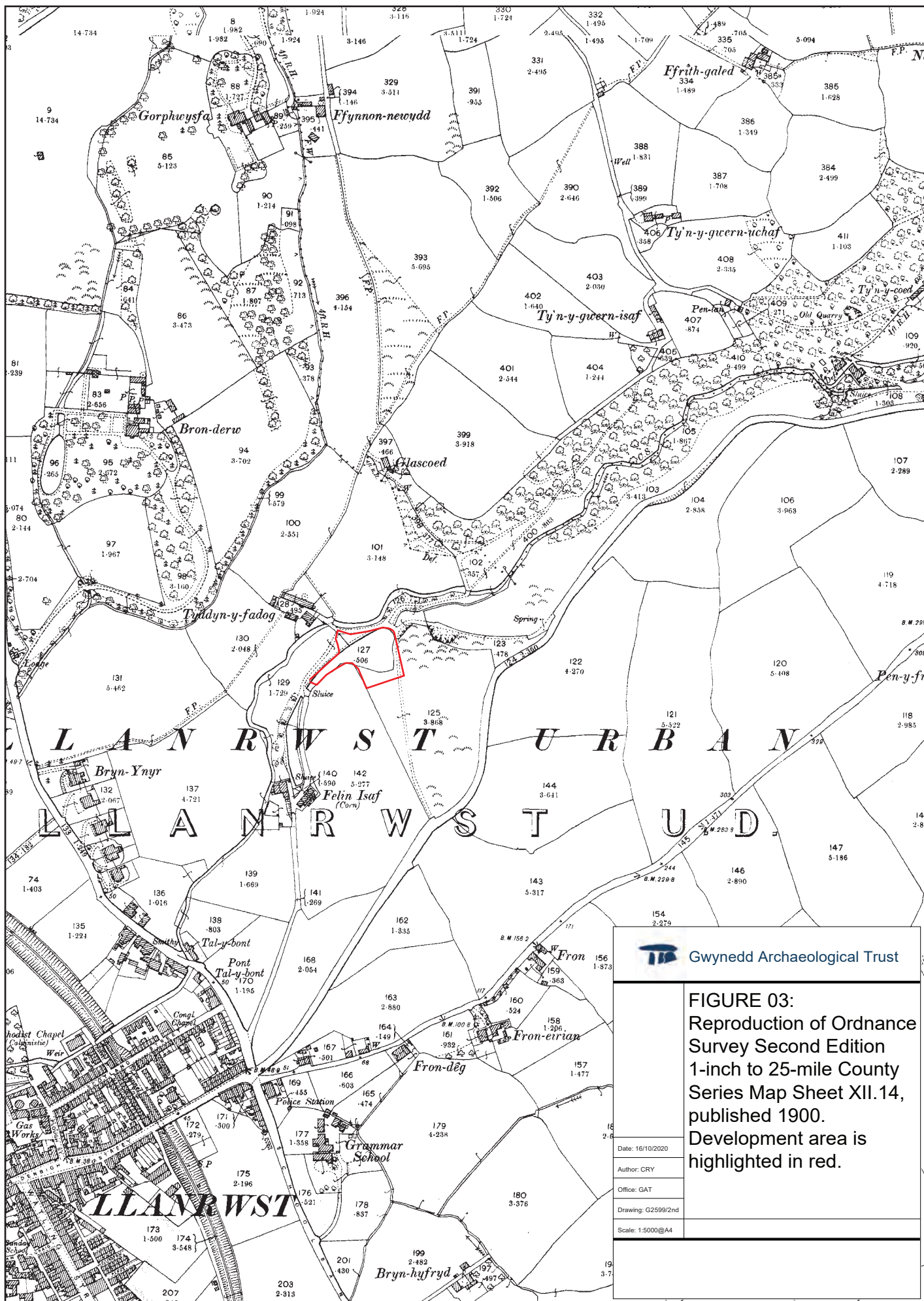
Office: GAT

Drawing: G2599/LOC

Scale: 1:5000@A4

Background mapping reproduced from Ordnance Survey VectorMap Local with the permission of H.M.S.O.
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FIGURE 03:
 Reproduction of Ordnance
 Survey Second Edition
 1-inch to 25-mile County
 Series Map Sheet XII.14,
 published 1900.
 Development area is
 highlighted in red.

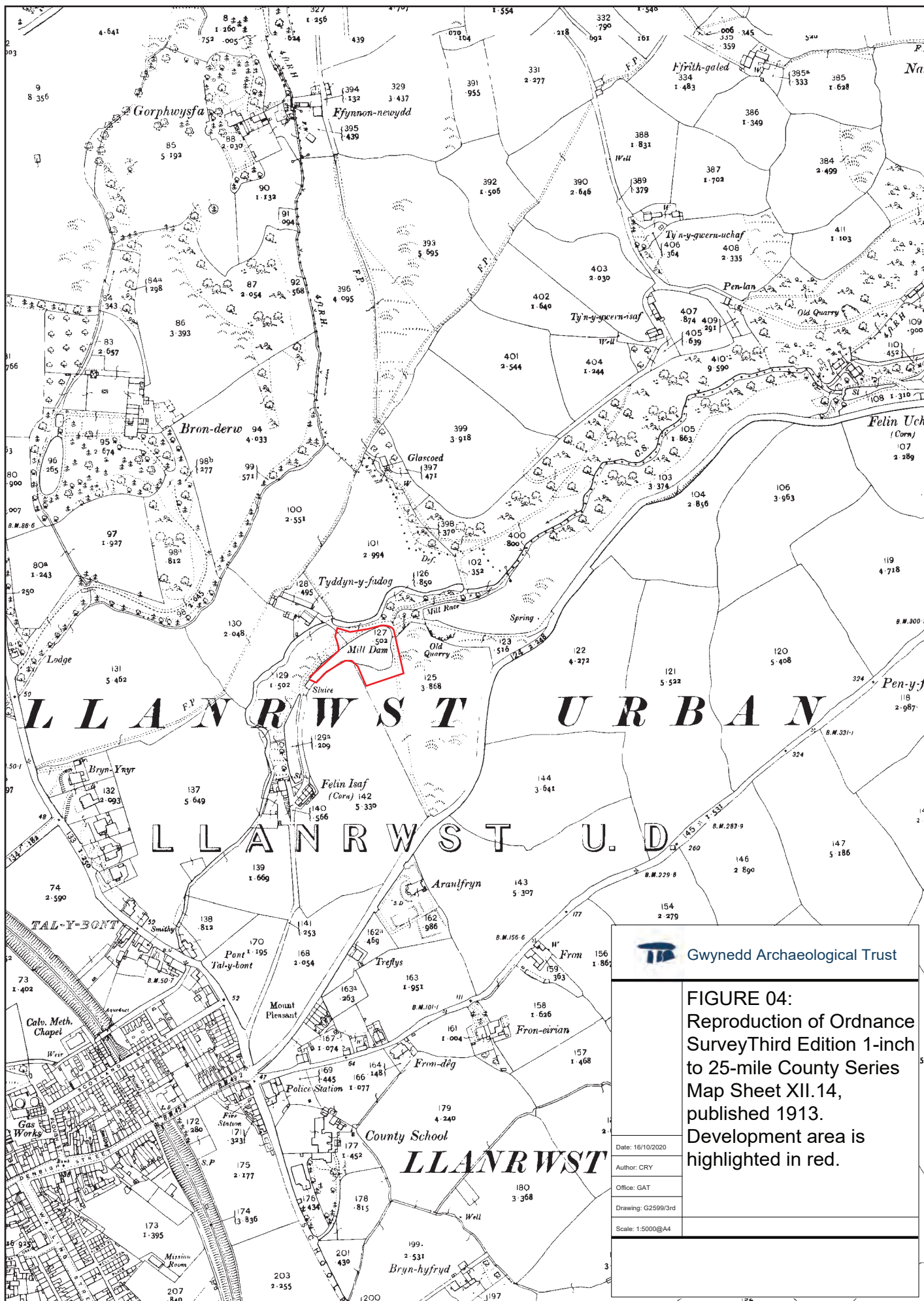
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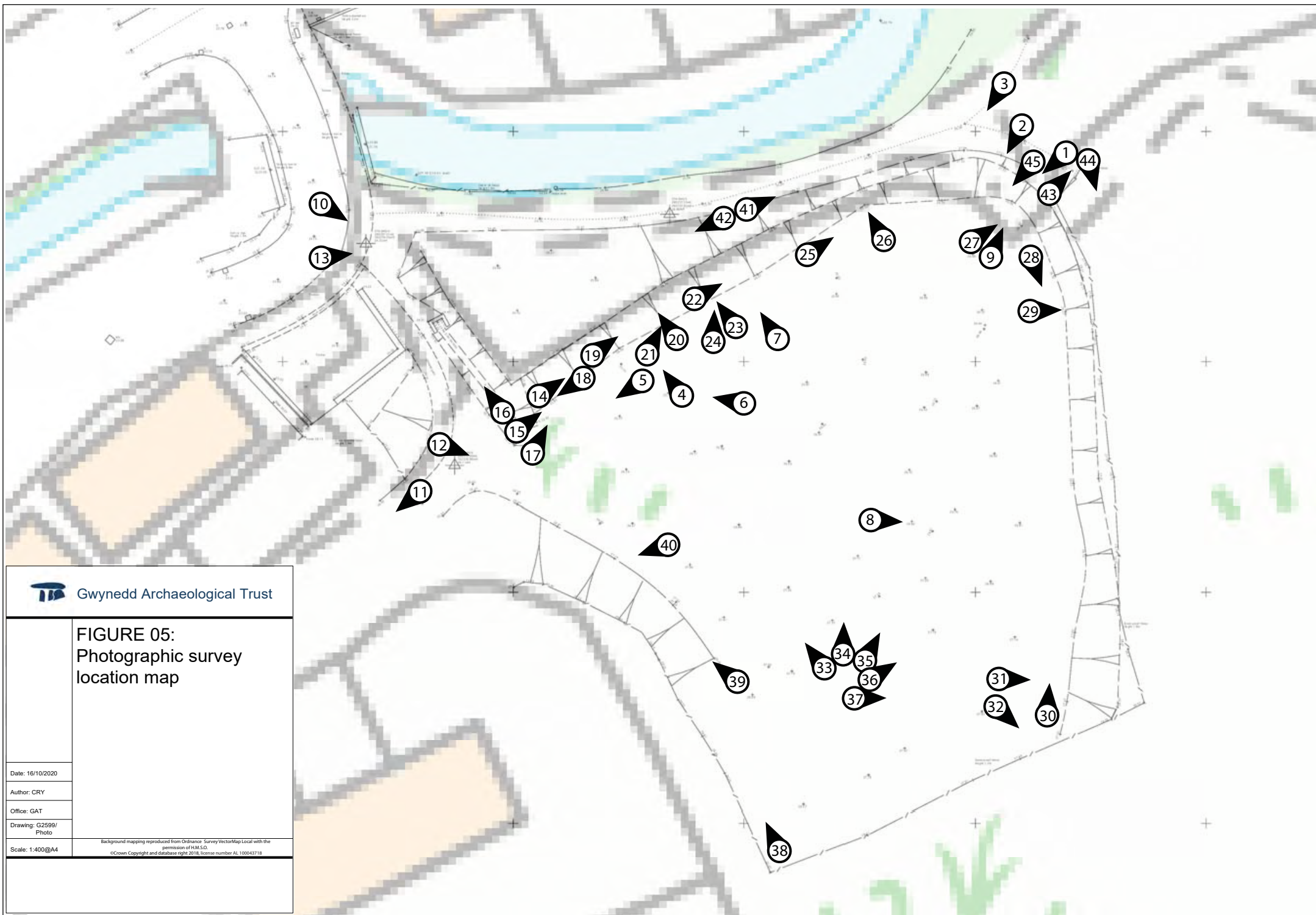
Author: CRY

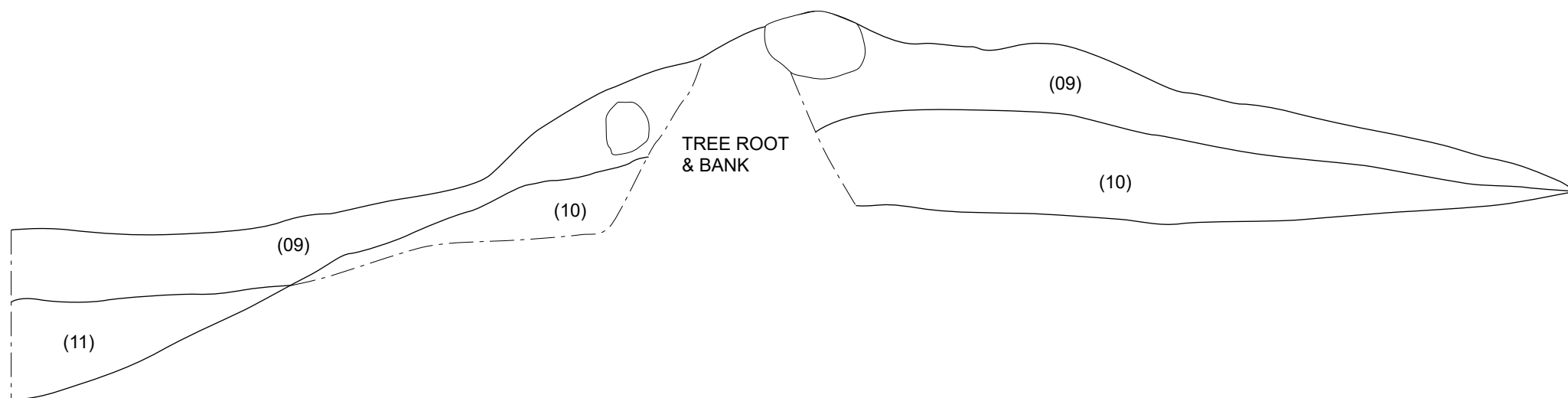
Office: GAT

Drawing: G2599/2nd

Scale: 1:5000@A4







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FIGURE 06:
East facing section in NW
boundary
Breakthrough 1

Date: 16/10/2020

Author: CRY

Office: GAT

Drawing: G2599/
Dwg3

Scale: 1:10@A4

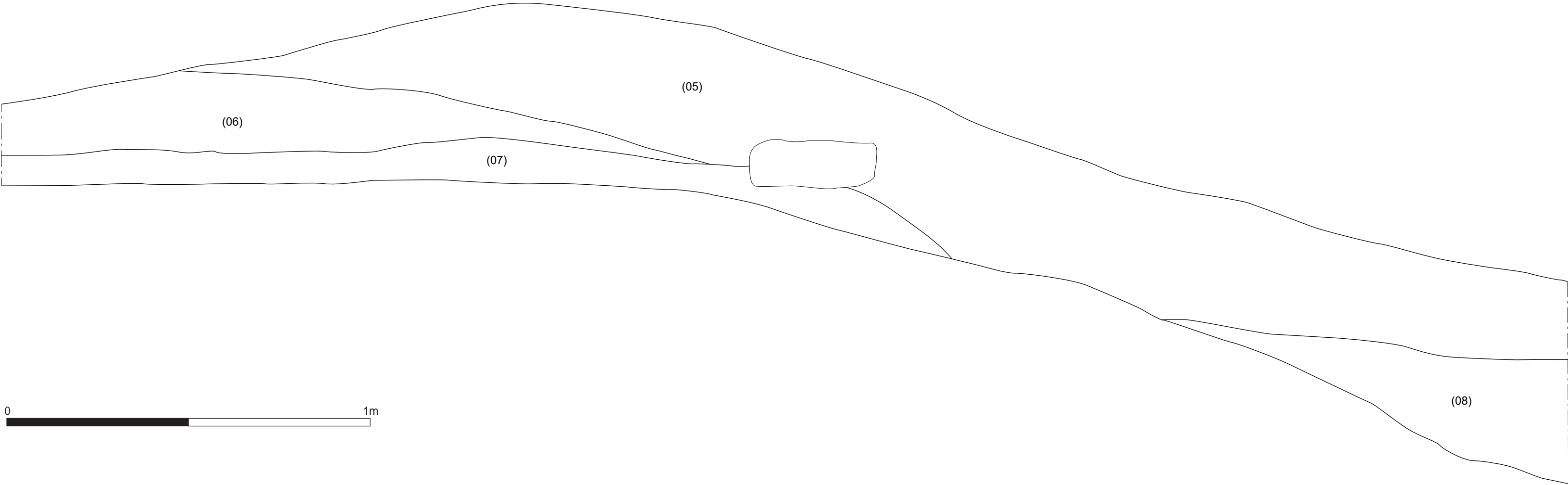
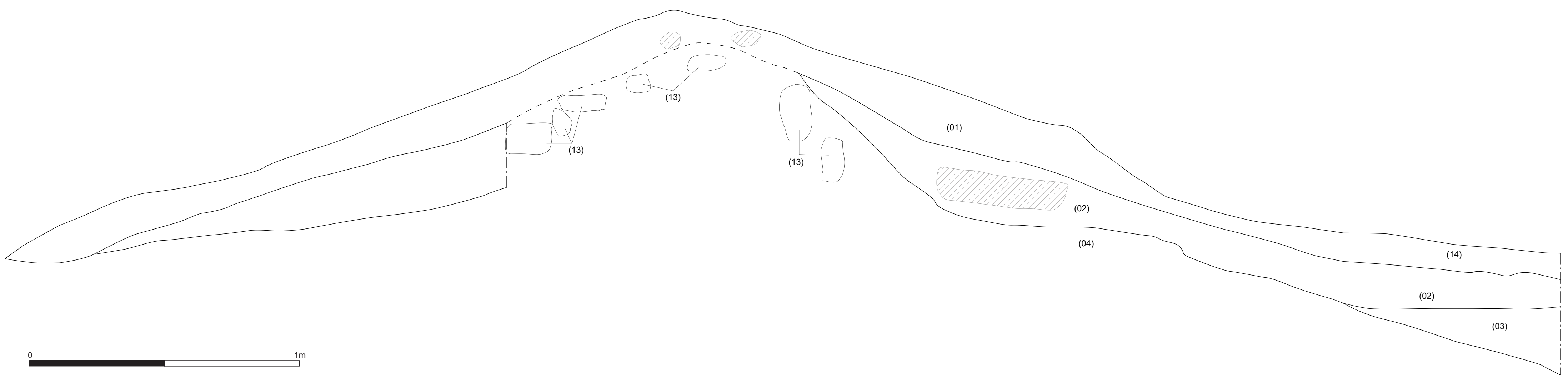


FIGURE 08:
West facing section in NW
boundary
Breakthrough 3

N

N



0 1m


 Gwynedd Archaeological Trust

FIGURE 07:
West facing section in NW
boundary
Breakthrough 2

Date: 16/10/2020
Author: CRV
Office: GAT
Drawing: G2599/ Dwg1
Scale: 1:10



Plate 01: View of vegetation covering the northern bank; scale: 1x2m (archive reference: G2599_015).



Plate 02: Revetment stones not in situ; scale: 1x2m (archive reference: G2599_018).



Plate 03: In situ revetment stones in northern bank; scale: 1x2m (archive reference: G2599_020).



Plate 04: Informal access route over northern bank; scale: 1x2m (archive reference: G2599_026).



Plate 05: Footpath on eastern bank; no scale (archive reference: G2599_044).



Plate 06: In situ revetment in eastern bank; no scale (archive reference: G2599_029).



Plate 07: Slate culvert obscured by rubbish; scale: 1x2m (archive reference: G2599_027).



Plate 08: Western bank obscured by fencing and vegetation; no scale (archive reference: G2599_039).



Plate 09: W facing section of breakthrough 1; scale: 1x1m (archive reference: G2599_108).



Plate 10: Revetment stones in breakthrough 1; scale: 1x1m (archive reference: G2599_109).



Plate 11: Revetment stones and large roots; scale: 1x1m (archive reference: G2599_131).



Plate 12: W facing section of breakthrough 2, S end; scale: 1x1m (archive reference: G2599_136).



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Plate 15: Mill pond after vegetation clearance; no scale (archive reference: G2599_075).



Plate 16: Drainage ditch; no scale: (archive reference: G2599_089).



Plate 17: Pipe trench through northern bank; no scale (archive reference: G2599_144).



Plate 18: Test pit 2; scale: 1x1m (archive reference: G2599_168).



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Plate 21: Test pit 4 base; scale: 1x1m (archive reference: G2599_175).



Plate 22: Test pit 5; no scale (archive reference: G2599_178).

APPENDIX I

**Gwynedd Archaeological Trust approved Written Scheme of
Investigation for Archaeological Mitigation, March 2019**

TROS YR AFON, LLANRWST (G2599)

WRITTEN SCHEME OF INVESTIGATION FOR
ARCHAEOLOGICAL MITIGATION


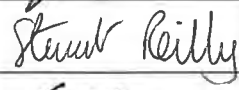
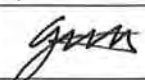
Prepared for

AW Jones Building Contractors

March 2019



Ymddiriedolaeth Archaeolegol Gwynedd
Gwynedd Archaeological Trust

Approvals Table				
	Role	Printed Name	Signature	Date
Originated by	Document Author	JOHN RIBGETS		27/03/19
Reviewed by	Document Reviewer	STUART REILLY		27/03/19
Approved by	Principal Archaeologist	JOHN RIBGETS		27/03/19

Revision History			
Rev No.	Summary of Changes	Ref Section	Purpose of Issue
1	<ul style="list-style-type: none"> Reference to mitigation rather than just watching brief; aims and objectives, rewritten and including reference to National Research Framework 	1.1	Gwynedd Archaeological Planning Services approval
1	<ul style="list-style-type: none"> Qualification of mitigation requirements 	3.4	Gwynedd Archaeological Planning Services approval
1	<ul style="list-style-type: none"> Emphasis on identifying archaeological activity associated with the mill; Revision of palaeoenvironmental recovery; Revision of GAPS contact details; Repository confirmed as Storiell Revision of potential start date 	general	Gwynedd Archaeological Planning Services approval
1	<ul style="list-style-type: none"> Confirmation that mill dam cross-section needs to be done before groundworks, with further detail on mitigation approach 	3.3	Gwynedd Archaeological Planning Services approval

All GAT staff should sign their copy to confirm the project specification is read and understood and retain a copy of the specification for the duration of their involvement with the project. On completion, the specification should be retained with the project archive:

Name

Signature

Date

TROS YR AFON, LLANRWST (G2599)

WRITTEN SCHEME OF INVESTIGATION FOR AN ARCHAEOLOGICAL MITIGATION

Prepared for *AW Jones Building Contractors*, March 2019

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1 INTRODUCTION

Gwynedd Archaeological Trust (GAT) has been commissioned by AW Jones Building Contractors to prepare a Written Scheme of Investigation (WSI) for archaeological mitigation as part of a housing development scheme adjacent to Tros yr Afon, Llanrwst, Conwy (NGR SH80296219; Figure 01). The housing development will include eight properties, with associated parking, access and infrastructure, as indicated on Diane Williams Architects Drawing Number 2238/802C (cf. Figure 02). The development is located c.150m to the northeast of Felin Isaf, a derelict eighteenth century corn mill (Primary Reference Number (PRN) 34559; SH80166200). The development site is located within the site of the former mill pond and the mill dam partially survives as a bank extending across the northwest of the site and defining the eastern and part of the southwestern boundaries. The development layout would retain the eastern boundary section, but the other sections would be levelled for construction, whilst the retained section is likely to be locally affected by landscaping and drainage works. The planning application number for this scheme is 0/44485; the archaeological mitigation will be undertaken as part of Planning Condition 9.

As stated in correspondence prepared by Gwynedd Archaeological Planning Services (ref. 1031je01/D3194), the archaeological mitigation is threefold and will need to take place partly before and partly during construction and will include a full record of the millpond and any associated evidence that may be uncovered (e.g. sluice gate). The key mitigation elements will include:

1. an archaeological survey of the upstanding remains prior to construction - this will utilise any existing topographic data as well as supplementary recording;
2. the archaeological investigation and recording of a representative cross-section of the mill dam;
3. an archaeological watching brief during construction groundworks.

The mitigation will be undertaken during 2019, completion date is subject to the confirmation of the groundworks programme.

The mitigation will be completed in accordance with the following guidance:

- Standard and Guidance for Archaeological Watching Brief (Chartered Institute for Archaeologists, 2014);
- Management of Archaeological Projects (English Heritage, 1991);

- Management of Research Projects in the Historic Environment: The MoRPHE Project Managers' Guide (Historic England, 2015); and

Gwynedd Archaeological Trust is certified to ISO 9001:2015 and ISO 14001:2015 (Cert. No. 74180/B/0001/UK/En) and is a Registered Organisation with the Chartered Institute for Archaeologists and a member of the Federation of Archaeological Managers and Employers (FAME).

1.1 Fieldwork Aims and Objectives

The key aims and objectives of the mitigation are to:

- mitigate the loss of primary evidence by producing a suitable archive record and to improve understanding of the site;
- establish the date and nature of any archaeological remains identified and assess their implications for understanding the historical development of the area, in conjunction with the known archaeological record; and
- if no additional archaeological activity is identified, establish why this may be the case.
- To place the results in context, reference shall be made to *A Research Framework for the Archaeology of Wales Version 03, Final Refresh Document March 2017*, specifically the *Later Post Medieval & Industrial 1750 to 1900* and the role of the mill as an element of supporting infrastructure (food production) during this time, an area highlighted in the framework as meriting further research..

1.2 Monitoring Arrangements

The archaeological mitigation will be monitored by the Gwynedd archaeological Planning Service (GAPS); the content of this WSI and all subsequent reporting by GAT must be approved by GAPS prior to final issue. The GAPS reference number for this project is D3194; this reference number must be used in all correspondence with GAPS.

The GAPS Archaeologist will need to be informed of the project timetable and of the subsequent progress and findings. This will allow the GAPS Archaeologist time to arrange monitoring visits and attend site meetings (if required) and enable discussion about the need or otherwise for further archaeological works (if required) as features of potential archaeological significance are encountered. The curator contact number is 01248 370926.

1.3 Historic Environment Record

In line with the Gwynedd Historic Environment Record (HER) requirements, the HER will be contacted at the onset of the project to ensure that any data arising is formatted in a manner suitable for accession to the HER and follows the guidance set out in *Guidance for the Submission of Data to the Welsh Historic Environment Records (HERs)* (The Welsh Archaeological Trusts, 2018). The HER will be informed of the project start date, location including grid reference, estimated timescale for the work, and further relevant information associated with the project.

The GAT HER Enquiry Number for this project is GATHER1065 and the Event PRN is 45394. The GAT HER will also be responsible for supplying Primary Reference Numbers (PRN) for new assets identified and recorded.

2 ARCHAEOLOGICAL AND HISTORICAL BACKGROUND

The development site is located c.150m northeast of Felin Isaf corn mill (PRN 34559; NGR SH80166200). The mill was established in the 18th century, with a datestone listing 1765 and included a leat and mill pond. The mill is still extant but is in a derelict state (Evans and Burnett, 2012). Part of the development site incorporates the former mill pond, and the mill dam partially survives as a bank extending across the northwest of the site and defining the eastern and part of the southwestern boundaries. This pond was a later addition to the mill system and is visible on the First Edition Ordnance Survey 1-inch to 25-mile map of the area (Sheet XI.14; cf. Figure 03). The pond subsequently went out of use during the twentieth century. Further examination of the First to Third Editions of map Sheet XI.14 (Figures 03 to 05), shows the development partly including a large irregular shaped field with the mill pond clearly occupying the majority of the site. A pathway is visible running to the south across the field, whilst a former quarry is visible in an adjacent field to the east.

3 METHODOLOGY

3.1 Introduction

The groundworks will be completed as a staged process, including vegetation clearance, drainage works and subsequent main groundworks. The archaeological mitigation will include the following:

- an archaeological survey of the upstanding remains prior to construction and after vegetation clearance - this will utilise any existing topographic data as well as supplementary recording;
- the archaeological investigation and recording of a representative cross-section of the mill dam during construction groundworks;
- an archaeological watching brief during construction groundworks.

Clearance works are scheduled from February 2019, with the archaeological survey scheduled to follow. The subsequent dam record and general watching brief will be completed during the main groundworks programme, with a timetable to be confirmed.

3.2 Archaeological survey of the upstanding remains prior to construction

- The survey will be completed for the upstanding remains of the dam wall, centred on NGR SH80226227, as well as any additional features identified on the ground. Field records will be completed on GAT pro-formas (cf. [Appendix II](#)) and include a written record, supported by dimensions and photographs. Existing topographic surveys prepared by client will be used as a reference, but will be supplemented by additional survey using a *Trimble* R8 GPS unit. A detailed site plan will then be produced for the report.
- Photographic images will be taken using a digital SLR (Nikon D40) camera set to maximum resolution (3008 × 2000 6.1 effective megapixels) in RAW format; a photographic record will be maintained on site using GAT pro-formas ([Appendix IV](#)) and digitised in *Microsoft Access* as part of the fieldwork archive and dissemination process. Photographic images will be archived in TIFF format using Adobe Photoshop; the archive numbering system will start from G2599_001. A photographic ID board will be used to record site code, asset number and image orientation.
- Primary Reference Numbers (PRN) will be applied to each recorded asset.

3.3 Archaeological investigation and recording of a representative cross-section of the mill dam

- A representative cross-section of the mill dam will be excavated and a record made of the phasing and construction details. This will be undertaken in advance of construction and will include hand excavation and cleaning as well as the use of a small tracked excavator supplied by the site contractor. The sequence will include initial de-turfing to expose any surfaces, followed by excavation of the cross section using both hand excavation and machine excavation, as well as cleaning of exposed sections and surfaces. The machine will be operated by the site contractor, but will be directed and controlled by the archaeologist who will determine the appropriate use and frequency of the machine. Field records will be completed on GAT pro-formas (cf. [Appendix II](#)) and include a written record, supported by dimensions and photographs. The written record will include a description of the structural form of the dam wall as well as any visible phasing (if present). Any required plans or sections to be drawn at a minimum 1:10 scale using GAT A4 or A2 pro-forma permatrace and the location of the cross-section will be surveyed using a *Trimble* R8 GPS unit.
- Photographic images will be taken using a digital SLR (Nikon D40) camera set to maximum resolution (3008 × 2000 6.1 effective megapixels) in RAW format; a photographic record will be maintained on site using GAT pro-formas ([Appendix IV](#)) and digitised in *Microsoft Access* as part of the fieldwork archive and dissemination process. Photographic images will be archived in TIFF format using Adobe Photoshop; the archive numbering system will follow from the archaeological survey. A photographic ID board will be used to record site code, asset number and image orientation.

3.4 Archaeological watching brief during construction groundworks

An archaeological watching brief is defined by the Chartered Institute for Archaeologists as a formal programme of observation and investigation conducted during any operation carried out for non-archaeological reasons where there is a possibility that archaeological deposits may be disturbed or destroyed. The programme will result in the preparation of a report and ordered archive (CiFA, 2014).

An archaeological watching brief can be divided into four categories:

- comprehensive (present during all ground disturbance)
- intensive (present during sensitive ground disturbance)
- intermittent (viewing the trenches after machining)
- partial (as and when seems appropriate).

The archaeological watching brief will be completed on an **intensive** basis and will incorporate the entire construction site. The watching brief will monitor the construction work to the limit of excavation, defined as either an archaeological horizon, the construction limit or the glacial horizon, whichever is encountered first. The watching brief will focus in particular on any mill related features and the watching brief archaeologist must be allowed to halt groundworks to investigate archaeological deposits or features exposed. The mill pond within the site has been filled and it is likely that modern infill within the pond area will be encountered during the watching brief that in turn could be sealing earlier activity; the archaeologist will need to be aware of this and continue to monitor the groundworks accordingly.

The following methodology will be applied for the watching brief:

- All attendances and any identified features will be recorded using GAT watching brief pro-formas ([Appendix III](#));
- Photographic images will be taken using a digital SLR (Nikon D40) camera set to maximum resolution (3008 × 2000 6.1 effective megapixels) in RAW format; a photographic record will be maintained on site using GAT pro-formas ([Appendix IV](#)) and digitised in *Microsoft Access* as part of the fieldwork archive and dissemination process. Photographic images will be archived in TIFF format using Adobe Photoshop; the archive numbering system will start from the next sequential number to be used after completion

of the previous stages. When practical, a photographic ID board will be used and will include site code, image orientation and any relevant context numbers.

- Any subsurface features identified will be recorded photographically, with detailed notations and a measured survey (completed using a *Trimble* R8 GPS unit);
- Any archaeological features/deposits/structures encountered within the watching brief area will be manually cleaned and examined to determine extent, function, date and relationship to adjacent activity. The following excavation strategy will generally apply: 50% sample of each sub-circular feature, 10% sample of each linear feature (terminal ends and intersection points with other features will be prioritised). However, if more discrete features are identified, these will be 100% excavated as will any exposed segments of linear features.. *In the event of the identification of extensive/complex remains, additional time, resourcing and costs may be required for GAT to complete an appropriate programme of works. All archaeological investigations will be undertaken in accordance with the main contractor health and safety requirements;*
- Any required plans or sections to be drawn at a minimum 1:10 scale using GAT A4 or A2 pro-forma permatrace;
- Should dateable artefacts and/or ecofacts be recovered, an **interim report** will be submitted summarising the results of the watching brief, along with an assessment of potential for analysis post-excavation project design (in line with the MAP2 process). *Additional time, resourcing and costs will be required to undertake any post-excavation programme of works.*

3.4.1 Human Remains

Although it is not expected that human remains will be identified during the current archaeological mitigation, if any human remains are identified that are to be excavated, and cannot be preserved in situ this will take place under appropriate regulations and with due regard for health and safety issues. In order to excavate human remains, a Ministry of Justice licence is required under Section 25 of the Burials Act 1857 for the removal of any body or remains of any body from any place of burial. In accordance with the Ministry of Justice licence, recovered remains will be reburied once the investigation and/or assessment/analysis are complete.

Non-fragmented skeletal remains will be excavated using wooden tools and collected and stored in polyethylene bags (with appropriate references for context, grave number, et al) and placed in a lidded cardboard archive box (note: separate boxes for each grave) and stored in a suitable manner within GAT premises. If significant quantities of human remains are encountered, a human osteologist should be contacted and appointed to advise the team during the fieldwork. The osteologist will be an external appointment: Dr. Genevieve Tellier | Tel: 01286 238827 | email: northwalesosteology@outlook.com who will assist in devising the excavation, recording and sampling strategy for features containing human remains. The osteologist should also help to ensure that adequate post-excavation processing of human remains is carried out so that the material is in a fit state for assessment during the post-excavation stage. For inhumations, this will involve washing, drying, marking and packing.

If human remains are recovered that are deemed suitable for further assessment/analysis, this will be completed in accordance with the osteologist's requirements and with *Human Bones from Archaeological Sites Guidelines for producing assessment documents and analytical reports* (Chartered Institute for Archaeologists, 2017).

3.4.2 Ecofacts

Should any archaeological features and/or sealed deposits be identified that are deemed suitable for dating , ecofact samples will be taken. The sampling procedure will be informed by specialist advice upon discovery, particularly for waterlogged/organic deposits. The specialist contact will be Jackeline Robertson (AOC Archaeology | telephone: 0208 843 7380). The sampling strategy will also be undertaken in accordance with the principles set out in *Environmental Archaeology: a guide to the theory and practice of methods, from sampling and recovery to post-excavation* (Historic England, 2011).

For any ecofact samples taken from human burials, this will be completed in accordance with an appointed osteologist's guidance.

3.4.3 Artefacts

Diagnostic artefacts and artefacts from sealed deposits will be retained for further examination and identification; this will include pottery sherds of 18th and 19th century date that may be contemporary with the operation of the mill. The artefacts will be treated according to guidelines issued by the UK Institute of Conservation, in particular the advice provided within *First Aid for Finds* (Watkinson and Neal 2001).

Any waterlogged artefacts (e.g. wood or leather) that are to be recovered for post-excavation assessment and analysis will be processed in accordance with *Environmental Archaeology: a guide to the theory and practice of methods, from sampling and recovery to post-excavation* (English Heritage, 2011) and specifically in accordance with Brunning and Watson (2010) for waterlogged wood and Historic England (2012) for waterlogged leather. In such cases an external specialist will be contacted to agree an appropriate sampling and recovery strategy via Lucy Whittingham | Project Manager (post-excavation) | AOC Archaeology | telephone: 0208 843 7380 | email: lucy.whittingham@aocarchaeology.com).

All finds are the property of the landowner; however, it is Trust policy to recommend that all finds are donated to an appropriate museum (in this case Conwy Archive Service, Old Board School, Lloyd Street, Llandudno LL30 2YG), where they can receive specialist treatment and study. Access to finds must be granted to the Trust for a reasonable period to allow for analysis and for study and publication as necessary. Trust staff will undertake initial identification, but any additional advice would be sought from a wide range of consultants used by the Trust, including National Museums and Galleries of Wales at Cardiff.

All finds of treasure must be reported to the coroner for the district within fourteen days of discovery or identification of the items. Items declared Treasure Trove become the property of the Crown, on whose behalf the Portable Antiquities Scheme acts as advisor on technical matters, and may be the recipient body for the objects.

The Treasure Valuation Committee, based at the British Museum, and informed by the Portable Antiquities Scheme, will decide whether they or any other museum may wish to acquire the object. If no museum wishes to acquire the object, then the Secretary of State will be able to disclaim it. When this happens, the coroner will notify the occupier and landowner that he intends to return the object to the finder after 28 days unless he receives no objection. If the coroner receives an objection, the find will be retained until the dispute has been settled.

GAT will contact the landowner (via client) for agreement regarding the transfer of artefacts, initially to GAT and subsequently to the relevant museum (Conwy Archive Service). A GAT produced pro-forma will be issued to the landowner where they are given the option to donate the finds or to record that they want them returning to them once analysis and assessment has been completed. Artefacts will be transferred to the Conwy Archive Service in accordance with their guidelines.

3.5 Fieldwork Archiving

Following the completion of the respective mitigation stages, fieldwork archiving will be completed based on following task list:

1. Pro-formas: all cross referenced and complete;
2. Photographic Metadata: completed in *Microsoft Access* and cross-referenced with all pro-formas;
3. Survey data: downloaded using a Computer Aided Design package;
4. Sections: all cross referenced and complete (to include matrices);
5. Plans: all cross referenced and complete;
6. Artefacts (if relevant): quantified and identified; register completed;
7. Ecofacts (if relevant): quantified and register completed;
8. Context register (if relevant): quantified and register completed;
9. Site Matrix (if relevant).

All data will be processed, final illustrations will be compiled and a report will be produced which will detail and synthesise the results.

4 REPORTING

Following completion of the fieldwork, a separate report will be produced within one month incorporating the following:

1. Non-technical summary (Welsh and English)
2. Introduction
3. Background
4. Methods and techniques, including details and location of project archive
5. Results
6. Summary and conclusions (including any further recommendations – if relevant)
7. List of sources consulted.
8. Appendix I – approved GAT written scheme of investigation

Illustrations will include plans of the location, site plans and individual plans and sections of archaeological features identified as appropriate. Historical maps, when appropriate and if copyright permissions allow, will be included. A draft copy of the report will be sent to the client prior to production of the final report.

The report will incorporate all three mitigation stages and will be submitted within one month of completion of the watching brief and subsequently to Gwynedd Historic Environment Record (Craig Beuno, Garth Road, Bangor, Gwynedd, LL57 2RT) within six months of approval.

5 DISSEMINATION AND ARCHIVING

The following dissemination will apply:

- A digital report will be provided to the client and GAPS (draft report then final report);
- A paper report plus a digital report will be provided to the Gwynedd Historic Environment Record; this will be submitted within six months of report completion (final reports only);
- A digital report and archive (including photographic and drawn) data will be provided to the Royal Commission on Ancient and Historic Monuments Wales (RCAHMW; final report only). This will be in accordance with the RCAHMW Guidelines for Digital Archives Version 1. Digital information will include the photographic archive and associated metadata;

6 PERSONNEL

The project will be managed by John Roberts, Principal Archaeologist GAT Contracts Section and attended by a project archaeologist. The project archaeologist will be responsible for the completing the mitigation, including all field management duties, e.g. GAPS liaison, main contractor liaison, osteologist or palaeoenvironmentalist liaison (if relevant). The project archaeologist will be responsible for completing the fieldwork proformas and the fieldwork archive itemised in Sec 3.7. The project archaeologist will also be responsible for submitting a draft final report (or interim report) for each of the mitigation stages to the project manager for review and approval. The reports will then be submitted as per the arrangements defined in Sec 5.

7 HEALTH AND SAFETY

The GAT Project Archaeologist(s) will be CSCS certified. Copies of the site specific risk assessment will be supplied to the client and site contractor prior to the start of fieldwork. Any risks and hazards will be indicated prior to the start of work via a submitted risk assessment. All GAT staff attending will be issued with required personal safety equipment, including high visibility jacket, steel toe-capped boots and hard hat. GAT will conform to all health and safety requirements defined by the main contractor.

8 SOCIAL MEDIA

One of the key aims in the GAT mission statement is to improve the understanding, conservation and promotion of the historic environment in our area and inform and educate the wider public. To help achieve this, GAT maintains an active social media presence and seeks all opportunities to promote our projects and results. With permission, GAT would like the opportunity to promote our work on this scheme through our social media platforms. This could include social media postings during our attendance on site as well as any postings to highlight results. In all instances, approval will be sought from client prior to any postings.

9 INSURANCE

9.1 Public/Products Liability

Limit of Indemnity- £5,000,000 any one event in respect of Public Liability

INSURER Aviva Insurance Limited

POLICY TYPE Public Liability

POLICY NUMBER 24765101CHC/UN/000375

EXPIRY DATE 21/06/2019

9.2 Employers Liability

Limit of Indemnity- £10,000,000 any one occurrence.

The cover has been issued on the insurers standard policy form and is subject to their usual terms and conditions. A copy of the policy wording is available on request.

INSURER Aviva Insurance Limited

POLICY TYPE Employers Liability

POLICY NUMBER 24765101 CHC / UN/000375

EXPIRY DATE 21/06/2019

9.3 Professional Indemnity

Limit of Indemnity- £5,000,000 in respect of each and every claim

INSURER Hiscox Insurance Company Limited

POLICY TYPE Professional Indemnity

POLICY NUMBER 9446015

EXPIRY DATE 22/07/2019

10 SOURCES CONSULTED

1. A Research Framework for the Archaeology of Wales Version 03, Final Refresh Document March 2017
2. Brunning, R and Watson, J 2010, *Waterlogged Wood: Guidelines on the Recording*,
3. Chartered Institute for Archaeologists, 2014, *Standard and Guidance for Archaeological Excavation*
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10. Evans, R., and Burnett, A., 2012 , Medieval and Post-Medieval Mills. Scheduling Enhancement 2011-12. Part 01: Report and Gazetteer
11. Gwynedd Museum Service, 2009, *Guidelines For The Preparation and Deposition of Archaeological Archives: An agreement between Gwynedd Museums Service and Gwynedd Council*
12. Historic England, 2012, *Waterlogged Organic Artefacts Guidelines on their Recovery, Analysis and Conservation*
13. Historic England, 2015, *Management of Research Projects in the Historic Environment (MoRPHE)*
14. Royal Commission on Ancient and Historic Monuments of Wales, 2015, *Guidelines for digital archives*
15. *Sampling, Conservation and Curation of Waterlogged Wood* (3rd edition)

16. The Welsh Archaeological Trusts, 2018, *Guidance for the Submission of Data to the Welsh Historic Environment Records (HERs)*
17. Watkinson, D and Neal, V, 2001, *First aid for finds* (3rd edition)

FIGURE 01

Location Map. Based on Ordnance Survey County Series 1:10000 Map Sheet SH86SW. Development area is highlighted in red. Scale 1:5000

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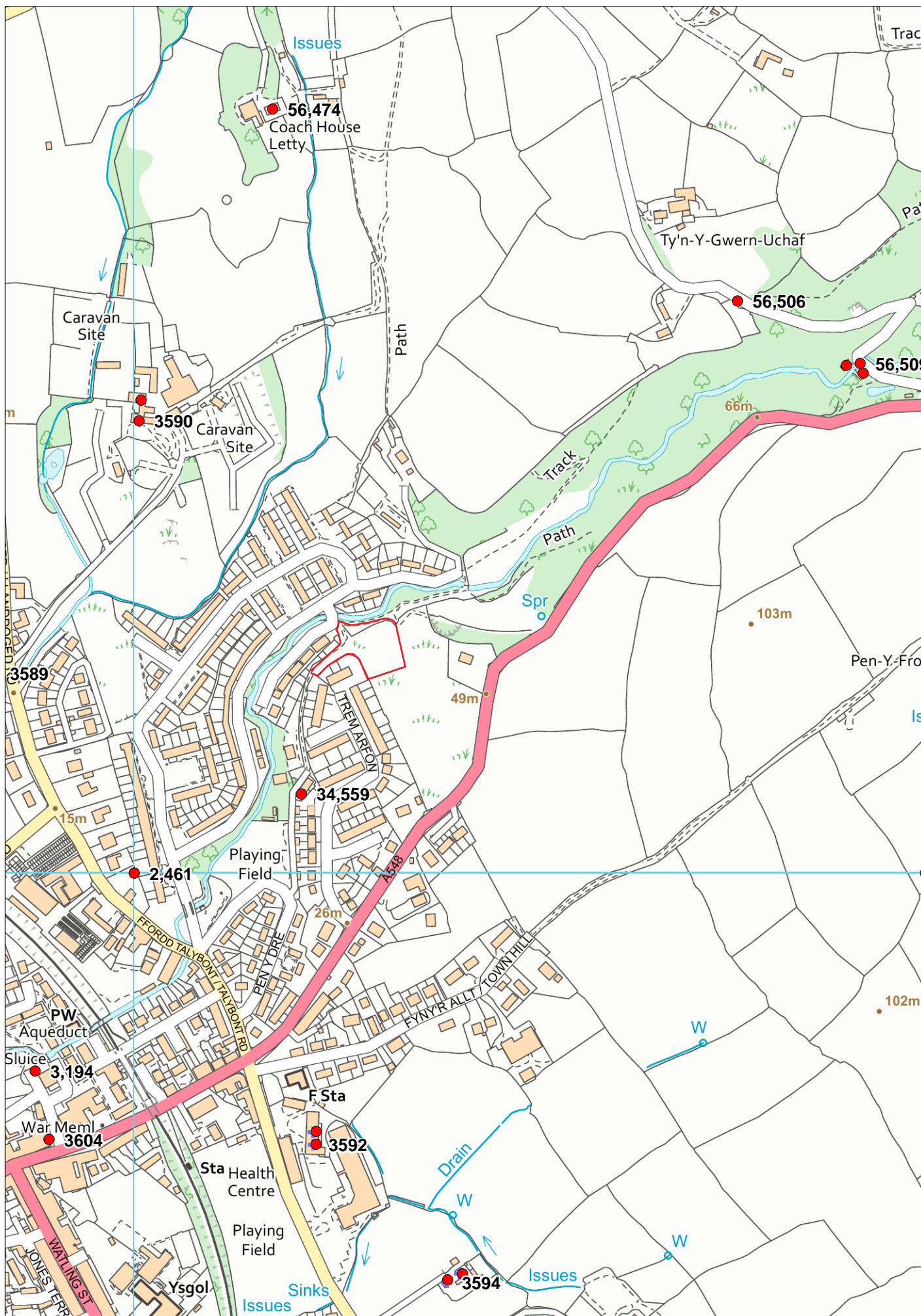


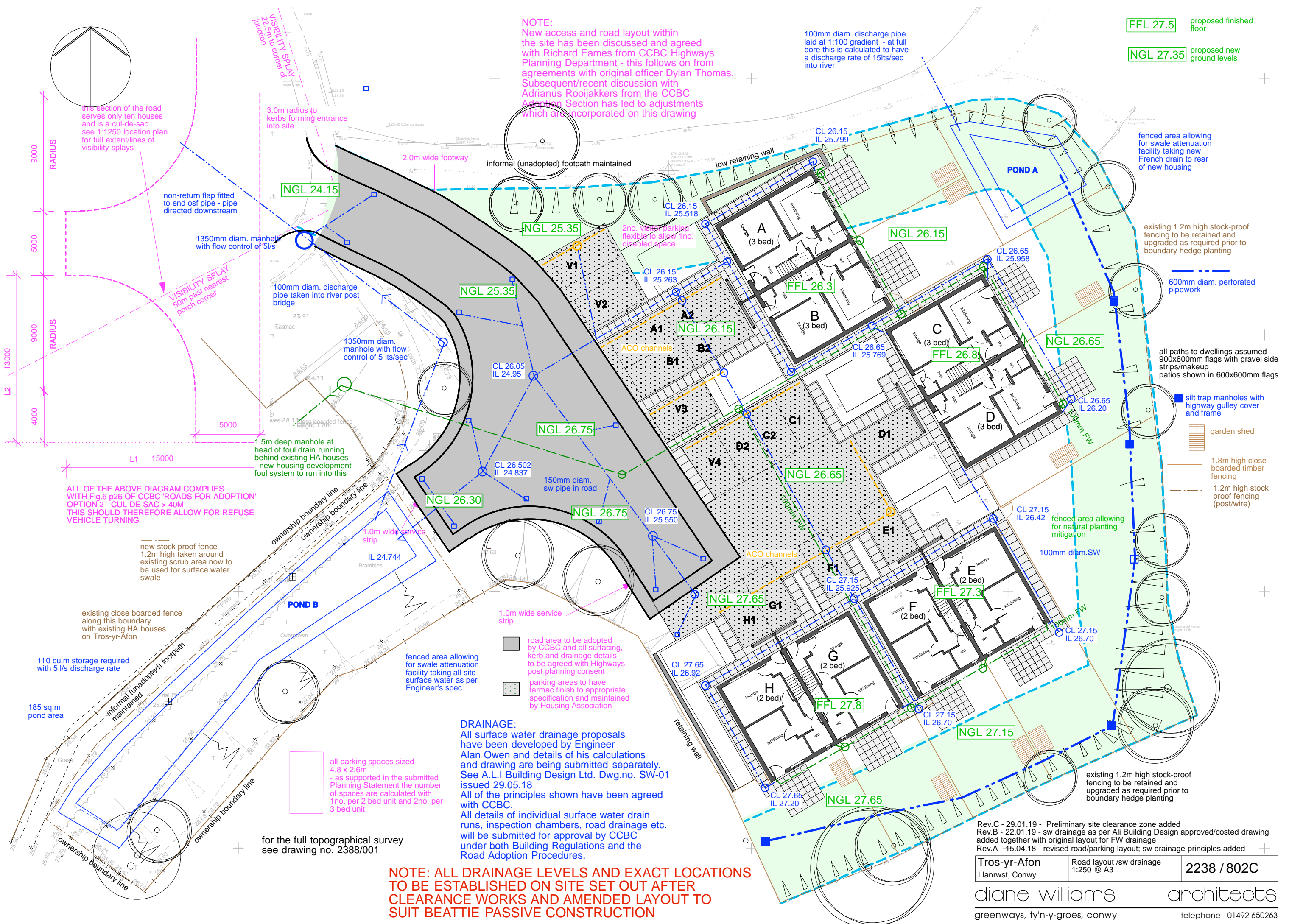
FIGURE 01: Location Map. Based on Ordnance Survey County Series 1:10000 Map Sheet SH86SW.

Development area is highlighted in red.

Scale 1:5000@ A4. © Crown Copyright. All Rights Reserved; licence number AI100020895.

FIGURE 02

Reproduction of Diane Williams Architects Drawing Number 2238/802C.



NOTE:
New access and road layout within the site has been discussed and agreed with Richard Eames from CCBC Highways Planning Department - this follows on from agreements with original officer Dylan Thomas. Subsequent/recent discussion with Adrianus Rooijackers from the CCBC Adoption Section has led to adjustments which are incorporated on this drawing

100mm diam. discharge pipe laid at 1:100 gradient - at full bore this is calculated to have a discharge rate of 15lts/sec into river

FFL 27.5 proposed finished floor
NGL 27.35 proposed new ground levels

fenced area allowing for swale attenuation facility taking new French drain to rear of new housing

existing 1.2m high stock-proof fencing to be retained and upgraded as required prior to boundary hedge planting

600mm diam. perforated pipework

all paths to dwellings assumed 900x600mm flags with gravel side strips/makeup patios shown in 600x600mm flags

silt trap manholes with highway gully cover and frame

garden shed

1.8m high close boarded timber fencing

1.2m high stock proof fencing (post/wire)

fenced area allowing for natural planting mitigation

existing 1.2m high stock-proof fencing to be retained and upgraded as required prior to boundary hedge planting

DRAINAGE:
All surface water drainage proposals have been developed by Engineer Alan Owen and details of his calculations and drawing are being submitted separately. See A.L.I Building Design Ltd. Dwg.no. SW-01 issued 29.05.18
All of the principles shown have been agreed with CCBC.
All details of individual surface water drain runs, inspection chambers, road drainage etc. will be submitted for approval by CCBC under both Building Regulations and the Road Adoption Procedures.

NOTE: ALL DRAINAGE LEVELS AND EXACT LOCATIONS TO BE ESTABLISHED ON SITE SET OUT AFTER CLEARANCE WORKS AND AMENDED LAYOUT TO SUIT BEATTIE PASSIVE CONSTRUCTION

Rev.C - 29.01.19 - Preliminary site clearance zone added
Rev.B - 22.01.19 - sw drainage as per Ali Building Design approved/costed drawing added together with original layout for FW drainage
Rev.A - 15.04.18 - revised road/parking layout; sw drainage principles added

Tros-yr-Afon Llanrwst, Conwy	Road layout /sw drainage 1:250 @ A3	2238 / 802C
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diene williams architects
greenways, ty'n-y-groes, conwy telephone 01492 650263

FIGURE 03

Reproduction of Ordnance Survey First Edition 1-inch to 25-mile County Series Map Sheet XII.14, published 1875. Development area is highlighted in red. Scale 1:5000 @ A4.

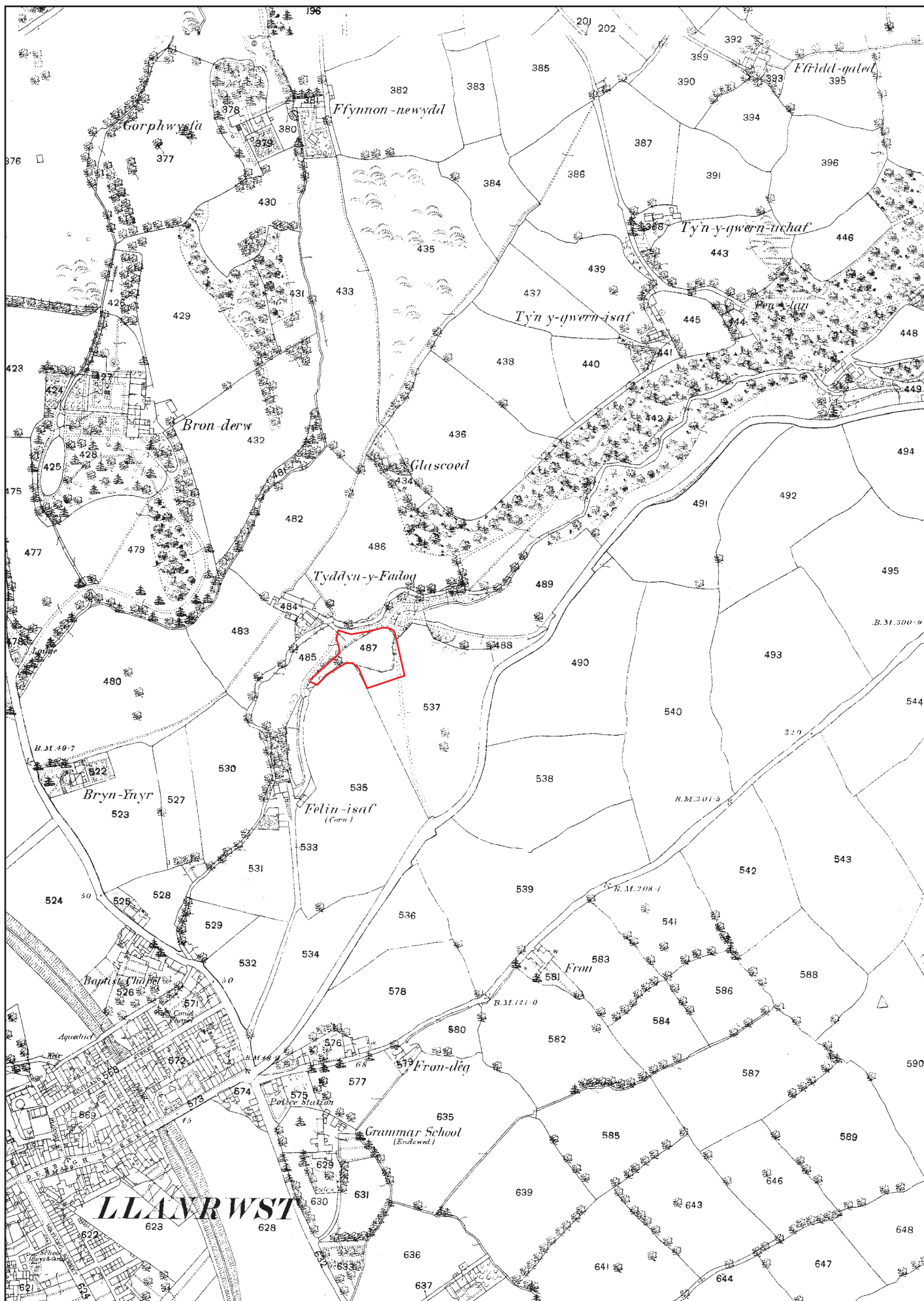


FIGURE 03: Reproduction of Ordnance Survey First Edition 1-inch to 25-mile County Series Map Sheet XII.14, published 1875. Development area is highlighted in red. Scale 1:5000@ A4.

FIGURE 04

Reproduction of Ordnance Survey Second Edition 1-inch to 25-mile County Series Map Sheet XI.14, published 1900. Development area is highlighted in red. Scale 1:5000 @ A4.

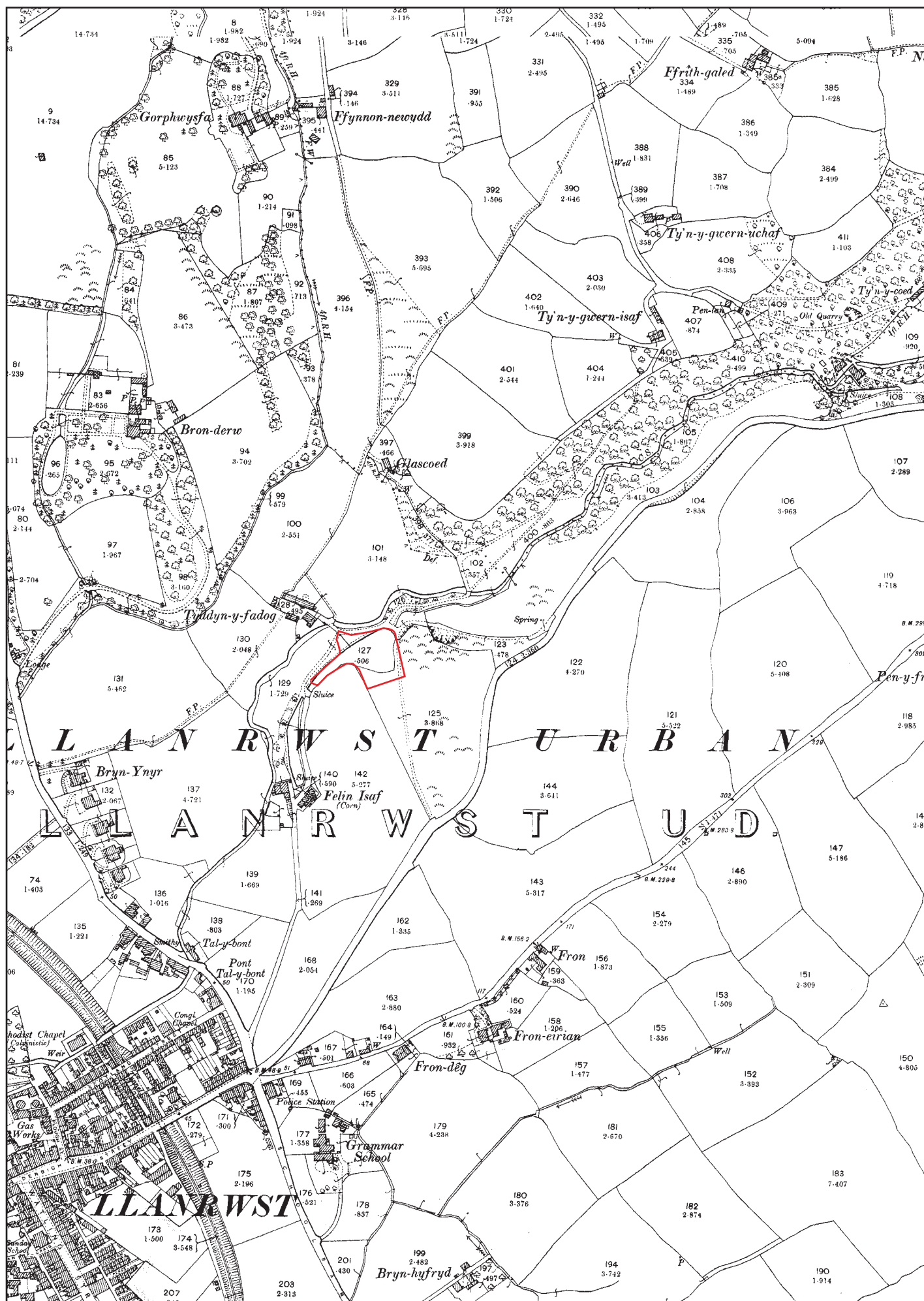


FIGURE 05

**Reproduction of Ordnance Survey Third Edition 1-inch to 25-mile
County Series Map Sheet XI.14, published 1913. Development area is
highlighted in red. Scale 1:5000 @ A4.**

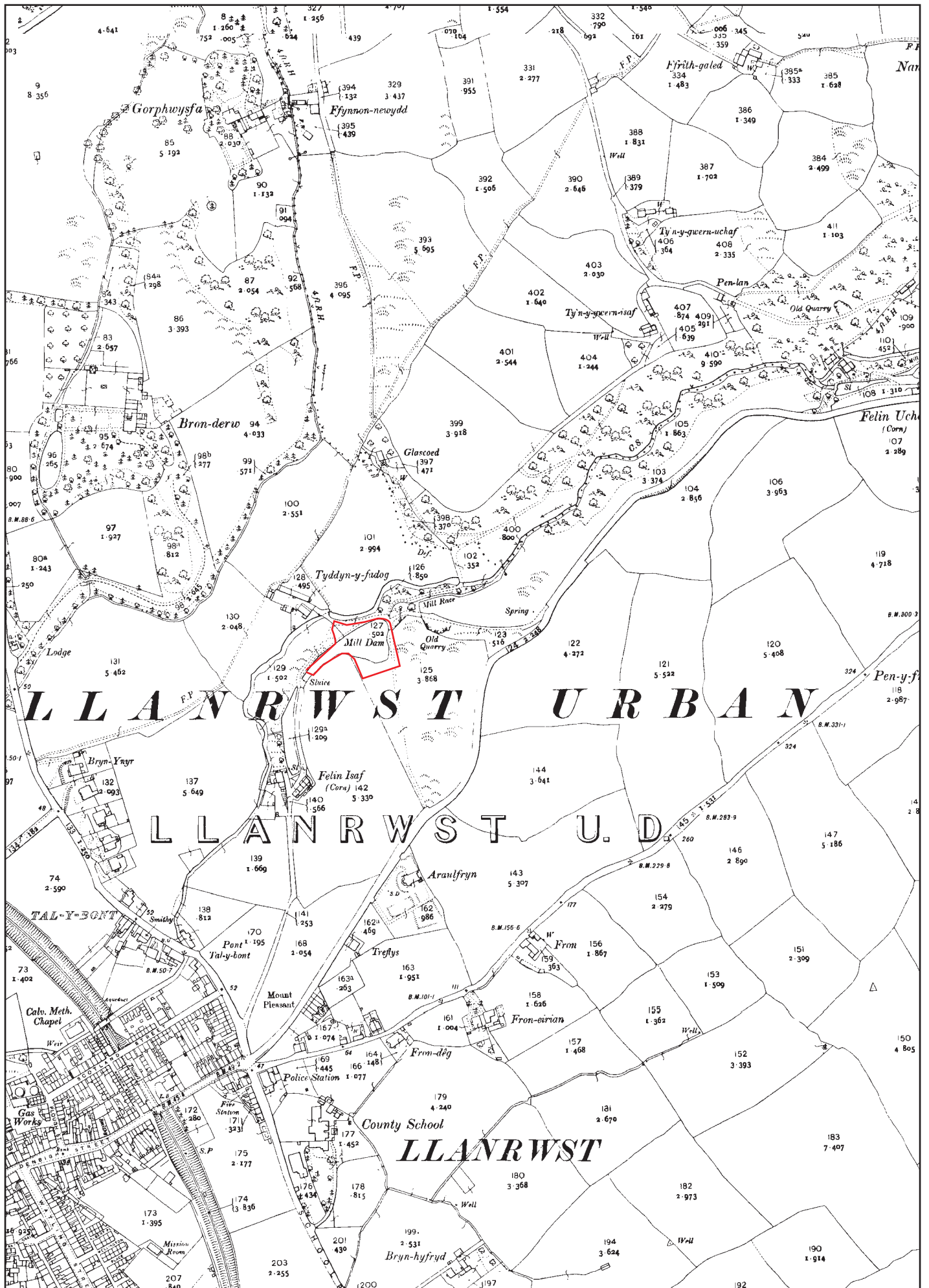


FIGURE 05: Reproduction of Ordnance Survey Third Edition 1-inch to 25-mile County Series Map Sheet XI.14, published 1913. Development area is highlighted in red. Scale 1:5000@ A4.

APPENDIX I

Gwynedd Archaeological Trust basic recording pro-forma

YMDDIRIEDOLAETH ARCHAEOLEGOL GWYNEDD ARCHAEOLOGICAL TRUST		
BASIC RECORDING FORM	Project name	Project number
Feature name		Feature Number
NGR		
Description		
Recommendations for further assessment		
Photographic record numbers		
Digital		
	Visit date	Visit by

APPENDIX II

Gwynedd Archaeological Trust watching brief pro-forma

YMDDIRIEDOLAETH ARCHAEOLEGOL GWYNEDD ARCHAEOLOGICAL TRUST		
WATCHING BRIEF DAY RECORD		Date
Project name	Project number	Compiler
Location		
Description		
Times of travelling and on-site		
Drawn record details		
Photographic record details		

APPENDIX III

Gwynedd Archaeological Trust photographic metadata pro-forma



Digital Photographic Record

Include main context numbers for each shot, drawing numbers for sections and any other relevant numbers for cross referencing.

Delete any unwanted photos **immediately** from the camera.

Regularly upload photographs to computer.

[illegible]

APPENDIX II

Gwynedd Archaeological Trust Photographic Metadata

PHOTO RECORD NUMBER	PROJECT NAME	DESCRIPTION	CONTEXT NUMBER (S)	VIEW FROM	SCALE(S)	CREATOR OF DIGITAL PHOTO	DATE OF CREATION OF DIGITAL PHOTO	PLATE
G2599_001	G2599 Tros yr Afon Llanrwst	View over mill pond from above bank		NE	1x1m	Stuart Reilly	19/12/2017	
G2599_002	G2599 Tros yr Afon Llanrwst	View over mill pond from above bank		N	1x1m	Stuart Reilly	19/12/2017	
G2599_003	G2599 Tros yr Afon Llanrwst	View of footpaths around mill pond		NE	1x1m	Stuart Reilly	19/12/2017	
G2599_004	G2599 Tros yr Afon Llanrwst	Stone revetment evident on mill pond bank		SSE	1x1m	Stuart Reilly	19/12/2017	
G2599_005	G2599 Tros yr Afon Llanrwst	View along reveted bank		E	1x1m	Stuart Reilly	19/12/2017	
G2599_006	G2599 Tros yr Afon Llanrwst	Ground investigation pit		E	1x1m	Stuart Reilly	19/12/2017	
G2599_007	G2599 Tros yr Afon Llanrwst	Stone clad wall of mill pond		S	1x1m	Stuart Reilly	19/12/2017	
G2599_008	G2599 Tros yr Afon Llanrwst	View across mill pond from central area		NW	not used	Stuart Reilly	19/12/2017	
G2599_009	G2599 Tros yr Afon Llanrwst	Sluice/culvert		SW	1x1m	Stuart Reilly	19/12/2017	
G2599_010	G2599 Tros yr Afon Llanrwst	Access to site from bridge over river		NW	1x1m	Stuart Reilly	19/12/2017	

PHOTO RECORD NUMBER	PROJECT NAME	DESCRIPTION	CONTEXT NUMBER (S)	VIEW FROM	SCALE(S)	CREATOR OF DIGITAL PHOTO	DATE OF CREATION OF DIGITAL PHOTO	PLATE
G2599_011	G2599 Tros yr Afon Llanrwst	Footpath to old mill behind modern housing		NE	1x1m	Stuart Reilly	19/12/2017	
G2599_012	G2599 Tros yr Afon Llanrwst	Access to mill pond		WNW	1x1m	Stuart Reilly	19/12/2017	
G2599_013	G2599 Tros yr Afon Llanrwst	View from Tros Yr Afon towards northern bank of pond		W	1x2m	Carol Ryan Young	31/10/2019	
G2599_014	G2599 Tros yr Afon Llanrwst	View along northern bank of pond		SW	1x2m	Carol Ryan Young	31/10/2019	
G2599_015	G2599 Tros yr Afon Llanrwst	View along northern bank of pond		WSW	1x2m	Carol Ryan Young	31/10/2019	01
G2599_016	G2599 Tros yr Afon Llanrwst	Run off to pipe and river		ESE	not used	Carol Ryan Young	31/10/2019	
G2599_017	G2599 Tros yr Afon Llanrwst	Run off to pipe and river		SW	not used	Carol Ryan Young	31/10/2019	
G2599_018	G2599 Tros yr Afon Llanrwst	Large stones forced out of bank by trees		NE	1x2m	Carol Ryan Young	31/10/2019	02
G2599_019	G2599 Tros yr Afon Llanrwst	View along northern bank - internal		WSW	1x2m	Carol Ryan Young	31/10/2019	
G2599_020	G2599 Tros yr Afon Llanrwst	in situ revetment		ESE	1x2m	Carol Ryan Young	31/10/2019	03

PHOTO RECORD NUMBER	PROJECT NAME	DESCRIPTION	CONTEXT NUMBER (S)	VIEW FROM	SCALE(S)	CREATOR OF DIGITAL PHOTO	DATE OF CREATION OF DIGITAL PHOTO	PLATE
G2599_021	G2599 Tros yr Afon Llanrwst	View along northern bank - internal		SW	1x2m	Carol Ryan Young	31/10/2019	
G2599_022	G2599 Tros yr Afon Llanrwst	View along northern bank - internal		WSW	1x2m	Carol Ryan Young	31/10/2019	
G2599_023	G2599 Tros yr Afon Llanrwst	Informal access route over revetted Northern Bank		SE	1x2m	Carol Ryan Young	31/10/2019	
G2599_024	G2599 Tros yr Afon Llanrwst	Informal access route over revetted Northern Bank		SSW	1x2m	Carol Ryan Young	31/10/2019	
G2599_025	G2599 Tros yr Afon Llanrwst	Final Section Northern Bank - internal		WSW	1x2m	Carol Ryan Young	31/10/2019	
G2599_026	G2599 Tros yr Afon Llanrwst	Eventual cut through location		SSE	1x2m	Carol Ryan Young	31/10/2019	04
G2599_027	G2599 Tros yr Afon Llanrwst	Slate Sluice/Culvert in N corner		SSW	1x2m	Carol Ryan Young	31/10/2019	07
G2599_028	G2599 Tros yr Afon Llanrwst	View along E Bank - internal		N	1x2m	Carol Ryan Young	31/10/2019	
G2599_029	G2599 Tros yr Afon Llanrwst	Stone Wall under footh path - E bank		W	not used	Carol Ryan Young	31/10/2019	06
G2599_030	G2599 Tros yr Afon Llanrwst	View along E bank - internal		S	not used	Carol Ryan Young	31/10/2019	

PHOTO RECORD NUMBER	PROJECT NAME	DESCRIPTION	CONTEXT NUMBER (S)	VIEW FROM	SCALE(S)	CREATOR OF DIGITAL PHOTO	DATE OF CREATION OF DIGITAL PHOTO	PLATE
G2599_031	G2599 Tros yr Afon Llanrwst	E bank obscured by trees		W	1x2m	Carol Ryan Young	31/10/2019	
G2599_032	G2599 Tros yr Afon Llanrwst	E bank obscured by trees		NW	not used	Carol Ryan Young	31/10/2019	
G2599_033	G2599 Tros yr Afon Llanrwst	General view N and E banks from S corner of pond		SE	not used	Carol Ryan Young	31/10/2019	
G2599_034	G2599 Tros yr Afon Llanrwst	General view N and E banks from S corner of pond		S	not used	Carol Ryan Young	31/10/2019	
G2599_035	G2599 Tros yr Afon Llanrwst	General view N and E banks from S corner of pond		SSW	not used	Carol Ryan Young	31/10/2019	
G2599_036	G2599 Tros yr Afon Llanrwst	General view N and E banks from S corner of pond		WSW	not used	Carol Ryan Young	31/10/2019	
G2599_037	G2599 Tros yr Afon Llanrwst	General view N and E banks from S corner of pond		W	not used	Carol Ryan Young	31/10/2019	
G2599_038	G2599 Tros yr Afon Llanrwst	View along W bank		SE	1x2m	Carol Ryan Young	31/10/2019	
G2599_039	G2599 Tros yr Afon Llanrwst	View along W bank		E	not used	Carol Ryan Young	31/10/2019	08
G2599_040	G2599 Tros yr Afon Llanrwst	View along W bank		ENE	not used	Carol Ryan Young	31/10/2019	

PHOTO RECORD NUMBER	PROJECT NAME	DESCRIPTION	CONTEXT NUMBER (S)	VIEW FROM	SCALE(S)	CREATOR OF DIGITAL PHOTO	DATE OF CREATION OF DIGITAL PHOTO	PLATE
G2599_041	G2599 Tros yr Afon Llanrwst	View along N bank external		W	not used	Carol Ryan Young	31/10/2019	
G2599_042	G2599 Tros yr Afon Llanrwst	View along N bank external		NE	not used	Carol Ryan Young	31/10/2019	
G2599_043	G2599 Tros yr Afon Llanrwst	Dry channel leading to sluice/culvert		SSW	1x2m	Carol Ryan Young	31/10/2019	
G2599_044	G2599 Tros yr Afon Llanrwst	Footpath along E bank - external		N	not used	Carol Ryan Young	31/10/2019	05
G2599_045	G2599 Tros yr Afon Llanrwst	View over pond from Sluice/culvert		NE	not used	Carol Ryan Young	31/10/2019	Cover
G2599_046	G2599 Tros yr Afon Llanrwst	Vegetation removed from SSW side of area		NW	1x1m	Anne Marie Oattes	04/11/2019	
G2599_047	G2599 Tros yr Afon Llanrwst	Vegetation removed from SSW side of area		SE	1x1m	Anne Marie Oattes	04/11/2019	
G2599_048	G2599 Tros yr Afon Llanrwst	Stripped area		NE	not used	Anne Marie Oattes	04/11/2019	
G2599_049	G2599 Tros yr Afon Llanrwst	Temporary ditch being excavated		NE	not used	Anne Marie Oattes	04/11/2019	
G2599_050	G2599 Tros yr Afon Llanrwst	Temporary ditch being excavated		NE	not used	Anne Marie Oattes	04/11/2019	

PHOTO RECORD NUMBER	PROJECT NAME	DESCRIPTION	CONTEXT NUMBER (S)	VIEW FROM	SCALE(S)	CREATOR OF DIGITAL PHOTO	DATE OF CREATION OF DIGITAL PHOTO	PLATE
G2599_051	G2599 Tros yr Afon Llanrwst	Vegetation removed at NE side of area		E	not used	Anne Marie Oattes	04/11/2019	
G2599_052	G2599 Tros yr Afon Llanrwst	Vegetation removed at NE side of area		S	not used	Anne Marie Oattes	04/11/2019	
G2599_053	G2599 Tros yr Afon Llanrwst	Working shot		NE	not used	Anne Marie Oattes	04/11/2019	
G2599_054	G2599 Tros yr Afon Llanrwst	View of stripped area on N side of site		NE	not used	Anne Marie Oattes	04/11/2019	
G2599_055	G2599 Tros yr Afon Llanrwst	View of stripped area on N side of site		SW	not used	Anne Marie Oattes	04/11/2019	
G2599_056	G2599 Tros yr Afon Llanrwst	View of stripped area on N side of site		SE	not used	Anne Marie Oattes	04/11/2019	
G2599_057	G2599 Tros yr Afon Llanrwst	View to NE corner		SW	not used	Anne Marie Oattes	04/11/2019	
G2599_058	G2599 Tros yr Afon Llanrwst	View of stripped area to N and E side of site		SW	not used	Anne Marie Oattes	04/11/2019	
G2599_059	G2599 Tros yr Afon Llanrwst	Stripped area view to W		E	not used	Anne Marie Oattes	04/11/2019	
G2599_060	G2599 Tros yr Afon Llanrwst	View of southern end of site		SW	not used	Anne Marie Oattes	04/11/2019	

PHOTO RECORD NUMBER	PROJECT NAME	DESCRIPTION	CONTEXT NUMBER (S)	VIEW FROM	SCALE(S)	CREATOR OF DIGITAL PHOTO	DATE OF CREATION OF DIGITAL PHOTO	PLATE
G2599_061	G2599 Tros yr Afon Llanrwst	View of stripped area S sode of site		S	not used	Anne Marie Oattes	04/11/2019	
G2599_062	G2599 Tros yr Afon Llanrwst	View of stripped area S sode of site		E	not used	Anne Marie Oattes	04/11/2019	
G2599_063	G2599 Tros yr Afon Llanrwst	View to NW		SE	not used	Anne Marie Oattes	04/11/2019	
G2599_064	G2599 Tros yr Afon Llanrwst	View to W		SE	not used	Anne Marie Oattes	05/11/2019	
G2599_065	G2599 Tros yr Afon Llanrwst	View to Nw		SE	not used	Anne Marie Oattes	05/11/2019	
G2599_066	G2599 Tros yr Afon Llanrwst	Possible remains of rough field wall -large boulders		SW	1x1m	Anne Marie Oattes	05/11/2019	
G2599_067	G2599 Tros yr Afon Llanrwst	Location shot of possible wall remians		SW	1x1m	Anne Marie Oattes	05/11/2019	
G2599_068	G2599 Tros yr Afon Llanrwst	Working shot		SW	not used	Anne Marie Oattes	05/11/2019	
G2599_069	G2599 Tros yr Afon Llanrwst	Working shot		N	not used	Anne Marie Oattes	05/11/2019	
G2599_070	G2599 Tros yr Afon Llanrwst	View to SE		NW	not used	Anne Marie Oattes	05/11/2019	

PHOTO RECORD NUMBER	PROJECT NAME	DESCRIPTION	CONTEXT NUMBER (S)	VIEW FROM	SCALE(S)	CREATOR OF DIGITAL PHOTO	DATE OF CREATION OF DIGITAL PHOTO	PLATE
G2599_071	G2599 Tros yr Afon Llanrwst	SW facing section through N boundary bank at entrance to site in SW corner		SW	1x1m	Anne Marie Oattes	05/11/2019	
G2599_072	G2599 Tros yr Afon Llanrwst	SW facing section through N boundary bank at entrance to site in SW corner		SW	1x1m	Anne Marie Oattes	05/11/2019	
G2599_073	G2599 Tros yr Afon Llanrwst	Stone culvert in E boundary		SW	1x1m	Anne Marie Oattes	05/11/2019	
G2599_074	G2599 Tros yr Afon Llanrwst	Stone culvert in E boundary		SW	1x1m	Anne Marie Oattes	05/11/2019	
G2599_075	G2599 Tros yr Afon Llanrwst	View to S		N	not used	Anne Marie Oattes	05/11/2019	15
G2599_076	G2599 Tros yr Afon Llanrwst	View to SW		NE	not used	Anne Marie Oattes	05/11/2019	
G2599_077	G2599 Tros yr Afon Llanrwst	View to W		E	not used	Anne Marie Oattes	05/11/2019	
G2599_078	G2599 Tros yr Afon Llanrwst	Working shot of excavation of temporary drainage ditch on N side		NE	not used	Anne Marie Oattes	06/11/2019	
G2599_079	G2599 Tros yr Afon Llanrwst	Working shot of excavation of temporary drainage ditch on N side		NE	not used	Anne Marie Oattes	06/11/2019	

PHOTO RECORD NUMBER	PROJECT NAME	DESCRIPTION	CONTEXT NUMBER (S)	VIEW FROM	SCALE(S)	CREATOR OF DIGITAL PHOTO	DATE OF CREATION OF DIGITAL PHOTO	PLATE
G2599_080	G2599 Tros yr Afon Llanrwst	Working shot moving spoil			not used	Anne Marie Oattes	06/11/2019	
G2599_081	G2599 Tros yr Afon Llanrwst	Temporary drainage ditch at NE corner		SW	not used	Anne Marie Oattes	06/11/2019	
G2599_082	G2599 Tros yr Afon Llanrwst	Temporary drainage ditch at NE corner		SW	not used	Anne Marie Oattes	06/11/2019	
G2599_083	G2599 Tros yr Afon Llanrwst	View to south from NE corner		N	not used	Anne Marie Oattes	06/11/2019	
G2599_084	G2599 Tros yr Afon Llanrwst	Working shot of excavation of drainage ditch on E side of site		NE	not used	Anne Marie Oattes	06/11/2019	
G2599_085	G2599 Tros yr Afon Llanrwst	Working shot of excavation of drainage ditch on E side of site		NE	not used	Anne Marie Oattes	06/11/2019	
G2599_086	G2599 Tros yr Afon Llanrwst	Working shot of excavation of drainage ditch on E side of site		NE	not used	Anne Marie Oattes	06/11/2019	
G2599_087	G2599 Tros yr Afon Llanrwst	E facing section of drainage ditch showing depth of rubbish		NE	not used	Anne Marie Oattes	06/11/2019	
G2599_088	G2599 Tros yr Afon Llanrwst	Drainage ditch on E side of site		NE	not used	Anne Marie Oattes	06/11/2019	

PHOTO RECORD NUMBER	PROJECT NAME	DESCRIPTION	CONTEXT NUMBER (S)	VIEW FROM	SCALE(S)	CREATOR OF DIGITAL PHOTO	DATE OF CREATION OF DIGITAL PHOTO	PLATE
G2599_089	G2599 Tros yr Afon Llanrwst	View to N along length of drainage ditch		S	not used	Anne Marie Oattes	06/11/2019	16
G2599_090	G2599 Tros yr Afon Llanrwst	View to S along drainage ditch		N	not used	Anne Marie Oattes	07/11/2019	
G2599_091	G2599 Tros yr Afon Llanrwst	General shot showing made ground		NW	not used	Anne Marie Oattes	07/11/2019	
G2599_092	G2599 Tros yr Afon Llanrwst	Drainage ditch at S boundary		N	not used	Anne Marie Oattes	07/11/2019	
G2599_093	G2599 Tros yr Afon Llanrwst	Drainage ditch at S boundary		N	not used	Anne Marie Oattes	07/11/2019	
G2599_094	G2599 Tros yr Afon Llanrwst	Drainage ditch at E boundary		SW	not used	Anne Marie Oattes	07/11/2019	
G2599_095	G2599 Tros yr Afon Llanrwst	Drainage ditch at E boundary		NW	not used	Anne Marie Oattes	07/11/2019	
G2599_096	G2599 Tros yr Afon Llanrwst	Drainage ditch at S boundary		E	not used	Anne Marie Oattes	07/11/2019	
G2599_097	G2599 Tros yr Afon Llanrwst	Drainage ditch at S boundary		NW	not used	Anne Marie Oattes	07/11/2019	
G2599_098	G2599 Tros yr Afon Llanrwst	Drainage ditch at S boundary		E	not used	Anne Marie Oattes	07/11/2019	

PHOTO RECORD NUMBER	PROJECT NAME	DESCRIPTION	CONTEXT NUMBER (S)	VIEW FROM	SCALE(S)	CREATOR OF DIGITAL PHOTO	DATE OF CREATION OF DIGITAL PHOTO	PLATE
G2599_099	G2599 Tros yr Afon Llanrwst	Pre-ex shot of breakthrough in northern boundary		SE	1x1m	Anne Marie Oattes	19/11/2019	
G2599_100	G2599 Tros yr Afon Llanrwst	Pre-ex shot of breakthrough in northern boundary		SW	1x1m	Anne Marie Oattes	19/11/2019	
G2599_101	G2599 Tros yr Afon Llanrwst	Pre-ex shot of breakthrough in northern boundary		NE	1x1m	Anne Marie Oattes	19/11/2019	
G2599_102	G2599 Tros yr Afon Llanrwst	Pre-ex shot of breakthrough in northern boundary		N	1x1m	Anne Marie Oattes	19/11/2019	
G2599_103	G2599 Tros yr Afon Llanrwst	Location shot view along NW boundary		NW	not used	Anne Marie Oattes	19/11/2019	
G2599_104	G2599 Tros yr Afon Llanrwst	Location shot view to NE corner		SW	not used	Anne Marie Oattes	19/11/2019	
G2599_105	G2599 Tros yr Afon Llanrwst	Location shot view to entrance		SW	not used	Anne Marie Oattes	19/11/2019	
G2599_106	G2599 Tros yr Afon Llanrwst	SW facing section NW boundary showing stones	04 09 10 11	SW	1x1m	Anne Marie Oattes	19/11/2019	
G2599_107	G2599 Tros yr Afon Llanrwst	SW facing section NW boundary showing stones	04 09 10 11	SW	1x1m	Anne Marie Oattes	19/11/2019	
G2599_108	G2599 Tros yr Afon Llanrwst	Mid-ex shot W facing section before stones removed	04 09 10 11	W	1x1m	Anne Marie Oattes	19/11/2019	09

PHOTO RECORD NUMBER	PROJECT NAME	DESCRIPTION	CONTEXT NUMBER (S)	VIEW FROM	SCALE(S)	CREATOR OF DIGITAL PHOTO	DATE OF CREATION OF DIGITAL PHOTO	PLATE
G2599_109	G2599 Tros yr Afon Llanrwst	Mid -ex shot showing stones against bank	04 09 10 11	SE	1x1m	Anne Marie Oattes	19/11/2019	10
G2599_110	G2599 Tros yr Afon Llanrwst	NW boundary E facing section on the eastern side of the section	04 09 10 11	E	1x1m	Anne Marie Oattes	19/11/2019	
G2599_111	G2599 Tros yr Afon Llanrwst	NW boundary E facing section through dam wall on the south side	04 09 10 11	E	1x1m	Anne Marie Oattes	19/11/2019	
G2599_112	G2599 Tros yr Afon Llanrwst	NW boundary E facing section mid-bank	04 09 10 11	E	1x1m	Anne Marie Oattes	19/11/2019	
G2599_113	G2599 Tros yr Afon Llanrwst	NW boundary E facing aection through dam wall at footpath North end	04 09 10 11	E	1x1m	Anne Marie Oattes	19/11/2019	
G2599_114	G2599 Tros yr Afon Llanrwst	Pre-ex breakthrough 2		S	1x1m	Anne Marie Oattes	19/11/2019	
G2599_115	G2599 Tros yr Afon Llanrwst	Pre-ex breakthrough 3		S	1x1m	Anne Marie Oattes	21/11/2019	
G2599_116	G2599 Tros yr Afon Llanrwst	Pre-ex breakthrough 3		S	1x1m	Anne Marie Oattes	21/11/2019	
G2599_117	G2599 Tros yr Afon Llanrwst	Location shot view to stone culvert in NE corner		W	not used	Anne Marie Oattes	21/11/2019	

PHOTO RECORD NUMBER	PROJECT NAME	DESCRIPTION	CONTEXT NUMBER (S)	VIEW FROM	SCALE(S)	CREATOR OF DIGITAL PHOTO	DATE OF CREATION OF DIGITAL PHOTO	PLATE
G2599_118	G2599 Tros yr Afon Llanrwst	Location shot view to NW corner of site		E	not used	Anne Marie Oattes	21/11/2019	
G2599_119	G2599 Tros yr Afon Llanrwst	Breakthrough 3		S	1x1m	Anne Marie Oattes	21/11/2019	
G2599_120	G2599 Tros yr Afon Llanrwst	W facing section breakthrough 3	04 05 06 07 08	W	1x1m	Anne Marie Oattes	21/11/2019	
G2599_121	G2599 Tros yr Afon Llanrwst	W facing section breakthrough 3	04 05 06 07 08	SW	1x1m	Anne Marie Oattes	21/11/2019	
G2599_122	G2599 Tros yr Afon Llanrwst	W facing section breakthrough 3 showing depth at S end of slot	04 05 06 07 08	SW	1x1m	Anne Marie Oattes	21/11/2019	
G2599_123	G2599 Tros yr Afon Llanrwst	W facing section breakthrough 3 N end	04 05 06 07 08	W	1x1m	Anne Marie Oattes	21/11/2019	14
G2599_124	G2599 Tros yr Afon Llanrwst	W facing section breakthrough 3 S end	04 05 06 07 08	W	1x1m	Anne Marie Oattes	21/11/2019	
G2599_125	G2599 Tros yr Afon Llanrwst	W facing section breakthrough 3 view along section	04 05 06 07 08	SW	1x1m	Anne Marie Oattes	21/11/2019	
G2599_126	G2599 Tros yr Afon Llanrwst	W facing section breakthrough 3 S end	04 05 06 07 08	W	1x1m	Anne Marie Oattes	21/11/2019	

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G2599_127	G2599 Tros yr Afon Llanrwst	W facing section breakthrough 3 view along length	04 05 06 07 08	NW	1x1m	Anne Marie Oattes	21/11/2019	
G2599_128	G2599 Tros yr Afon Llanrwst	View along length of breakthrough 3	04 05 06 07 08	N	1x1m	Anne Marie Oattes	21/11/2019	
G2599_129	G2599 Tros yr Afon Llanrwst	Pre-ex shot of drain area		SW	not used	Anne Marie Oattes	21/11/2019	
G2599_130	G2599 Tros yr Afon Llanrwst	Breakthrough 2 showing stone clad bank	01 02 03 04	S	1x1m	Anne Marie Oattes	21/11/2019	
G2599_131	G2599 Tros yr Afon Llanrwst	Breaktrough 2 top of stone clad bank	01 02 03 04	W	1x1m	Anne Marie Oattes	21/11/2019	11
G2599_132	G2599 Tros yr Afon Llanrwst	View of stone clad bank	01 02 03 04	N	1x1m	Anne Marie Oattes	21/11/2019	
G2599_133	G2599 Tros yr Afon Llanrwst	View of stone clad bank	01 02 03 04	SE	1x1m	Anne Marie Oattes	21/11/2019	
G2599_134	G2599 Tros yr Afon Llanrwst	S end of breakthrough 2 W facing section	01 02 03 04	W	1x1m	Anne Marie Oattes	21/11/2019	
G2599_135	G2599 Tros yr Afon Llanrwst	View of breakthrough 2	01 02 03 04	SW	1x1m	Anne Marie Oattes	21/11/2019	
G2599_136	G2599 Tros yr Afon Llanrwst	W facing section breakthrough 2 S end	01 02 03 04	SW	1x1m	Anne Marie Oattes	21/11/2019	12

PHOTO RECORD NUMBER	PROJECT NAME	DESCRIPTION	CONTEXT NUMBER (S)	VIEW FROM	SCALE(S)	CREATOR OF DIGITAL PHOTO	DATE OF CREATION OF DIGITAL PHOTO	PLATE
G2599_137	G2599 Tros yr Afon Llanrwst	W facing section breakthrough 2 N end	01 02 03 04	W	1x1m	Anne Marie Oattes	21/11/2019	13
G2599_138	G2599 Tros yr Afon Llanrwst	W facing section breakthrough 2 N end	01 02 03 04	W	1x1m	Anne Marie Oattes	21/11/2019	
G2599_139	G2599 Tros yr Afon Llanrwst	Stone clad bank	01 02 03 04	N	1x1m	Anne Marie Oattes	21/11/2019	
G2599_140	G2599 Tros yr Afon Llanrwst	Trench for drainage pipe		SW	not used	Anne Marie Oattes	21/11/2019	
G2599_141	G2599 Tros yr Afon Llanrwst	Trench for drainage pipe		SW	not used	Anne Marie Oattes	21/11/2019	
G2599_142	G2599 Tros yr Afon Llanrwst	Trench for drainage pipe		SW	not used	Anne Marie Oattes	22/11/2019	
G2599_143	G2599 Tros yr Afon Llanrwst	Trench for drainage pipe		SW	not used	Anne Marie Oattes	22/11/2019	
G2599_144	G2599 Tros yr Afon Llanrwst	Trench for drainage pipe		SW	not used	Anne Marie Oattes	22/11/2019	17
G2599_145	G2599 Tros yr Afon Llanrwst	Trench for drainage pipe		N	not used	Anne Marie Oattes	22/11/2019	
G2599_146	G2599 Tros yr Afon Llanrwst	Location shot draige trench view to south		W	not used	Anne Marie Oattes	22/11/2019	

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G2599_147	G2599 Tros yr Afon Llanrwst	Drainage pipe trench		N	not used	Anne Marie Oattes	22/11/2019	
G2599_148	G2599 Tros yr Afon Llanrwst	Drainage pipe trench		S	not used	Anne Marie Oattes	22/11/2019	
G2599_149	G2599 Tros yr Afon Llanrwst	Drainage pipe trench		W	not used	Anne Marie Oattes	22/11/2019	
G2599_150	G2599 Tros yr Afon Llanrwst	Drainage pipe trench		W	not used	Anne Marie Oattes	22/11/2019	
G2599_151	G2599 Tros yr Afon Llanrwst	Drainage pipe trench		SW	not used	Anne Marie Oattes	22/11/2019	
G2599_152	G2599 Tros yr Afon Llanrwst	Breakthrough 1 at S end of slot	04 09 10 11	SE	not used	Anne Marie Oattes	22/11/2019	
G2599_153	G2599 Tros yr Afon Llanrwst	Breakthrough 1 mid section	04 09 10 11	SE	not used	Anne Marie Oattes	22/11/2019	
G2599_154	G2599 Tros yr Afon Llanrwst	Breakthrough 1 SE facing section at N end of slot	04 09 10 11	SE	1x1m	Anne Marie Oattes	22/11/2019	
G2599_155	G2599 Tros yr Afon Llanrwst	Pre-ex shot of NW dam wall before trees removed		W	not used	Anne Marie Oattes	16/01/2020	
G2599_156	G2599 Tros yr Afon Llanrwst	Pre-ex shot of NW dam wall before trees removed		SW	not used	Anne Marie Oattes	16/01/2020	

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G2599_157	G2599 Tros yr Afon Llanrwst	Pre-ex shot of NW dam wall before trees removed		SW	not used	Anne Marie Oattes	16/01/2020	
G2599_158	G2599 Tros yr Afon Llanrwst	Working shot of NW dam wall being removed		S	not used	Anne Marie Oattes	16/01/2020	
G2599_159	G2599 Tros yr Afon Llanrwst	NE facing section through dam wall at entrance		NE	1x1m	Anne Marie Oattes	16/01/2020	
G2599_160	G2599 Tros yr Afon Llanrwst	SW facing section through dam wall showing roots and styones		SW	1x1m	Anne Marie Oattes	16/01/2020	
G2599_161	G2599 Tros yr Afon Llanrwst	Working shot of ground reduction on NW side of site		SW	not used	Anne Marie Oattes	17/01/2020	
G2599_162	G2599 Tros yr Afon Llanrwst	Shot of made ground at NW side of site		SW	not used	Anne Marie Oattes	17/01/2020	
G2599_163	G2599 Tros yr Afon Llanrwst	Working shot of ground reduction on NW side of site		SW	not used	Anne Marie Oattes	17/01/2020	
G2599_164	G2599 Tros yr Afon Llanrwst	Shot of made ground exposed by ground reduction		SW	not used	Anne Marie Oattes	20/01/2020	
G2599_165	G2599 Tros yr Afon Llanrwst	Shot of made ground exposed by ground reduction		SE	not used	Anne Marie Oattes	20/01/2020	
G2599_166	G2599 Tros yr Afon Llanrwst	Shot of made ground exposed by ground reduction		SE	not used	Anne Marie Oattes	20/01/2020	

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G2601_167	G2599 Tros yr Afon Llanrwst	Excavation of Trial Pit 2		SSW	not used	Stuart Reilly	22/01/2020	
G2601_168	G2599 Tros yr Afon Llanrwst	SW face of Trial Pit 2 (oblique shot)		SSW	1x1m	Stuart Reilly	22/01/2020	18
G2601_169	G2599 Tros yr Afon Llanrwst	SW face of Trial Pit 2		SW	1x1m	Stuart Reilly	22/01/2020	
G2601_170	G2599 Tros yr Afon Llanrwst	Excavation of Trial Pit 3		S	not used	Stuart Reilly	22/01/2020	
G2601_171	G2599 Tros yr Afon Llanrwst	NW face of Trial Pit 3		NW	1x1m	Stuart Reilly	22/01/2020	19
G2601_172	G2599 Tros yr Afon Llanrwst	Base of Trail Pit 3		S	1x1m	Stuart Reilly	22/01/2020	
G2601_173	G2599 Tros yr Afon Llanrwst	Excavation of Trial Pit 4		W	not used	Stuart Reilly	22/01/2020	
G2601_174	G2599 Tros yr Afon Llanrwst	W face of Trial Pit 4		W	1x1m	Stuart Reilly	22/01/2020	20
G2601_175	G2599 Tros yr Afon Llanrwst	Base of Trail Pit 4		N	1x1m	Stuart Reilly	22/01/2020	21
G2601_176	G2599 Tros yr Afon Llanrwst	Excavation of Trial Pit 5		SSW	not used	Stuart Reilly	22/01/2020	

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G2601_177	G2599 Tros yr Afon Llanrwst	SSW face of Trial Pit 5		SSW	1x1m	Stuart Reilly	22/01/2020	
G2601_178	G2599 Tros yr Afon Llanrwst	SSW face of Trial Pit 5		SSW	not used	Stuart Reilly	22/01/2020	22
G2601_179	G2599 Tros yr Afon Llanrwst	Oblique view of Trial Pit 5		S	not used	Stuart Reilly	22/01/2020	
G2601_180	G2599 Tros yr Afon Llanrwst	NE part of Northern bank pre- ex		SW	1x1m	Carol Ryan Young	27/07/2020	
G2601_181	G2599 Tros yr Afon Llanrwst	W facing section through Northern Bank (NE End)		W	1x1m	Carol Ryan Young	27/07/2020	



Gwynedd Archaeological Trust
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