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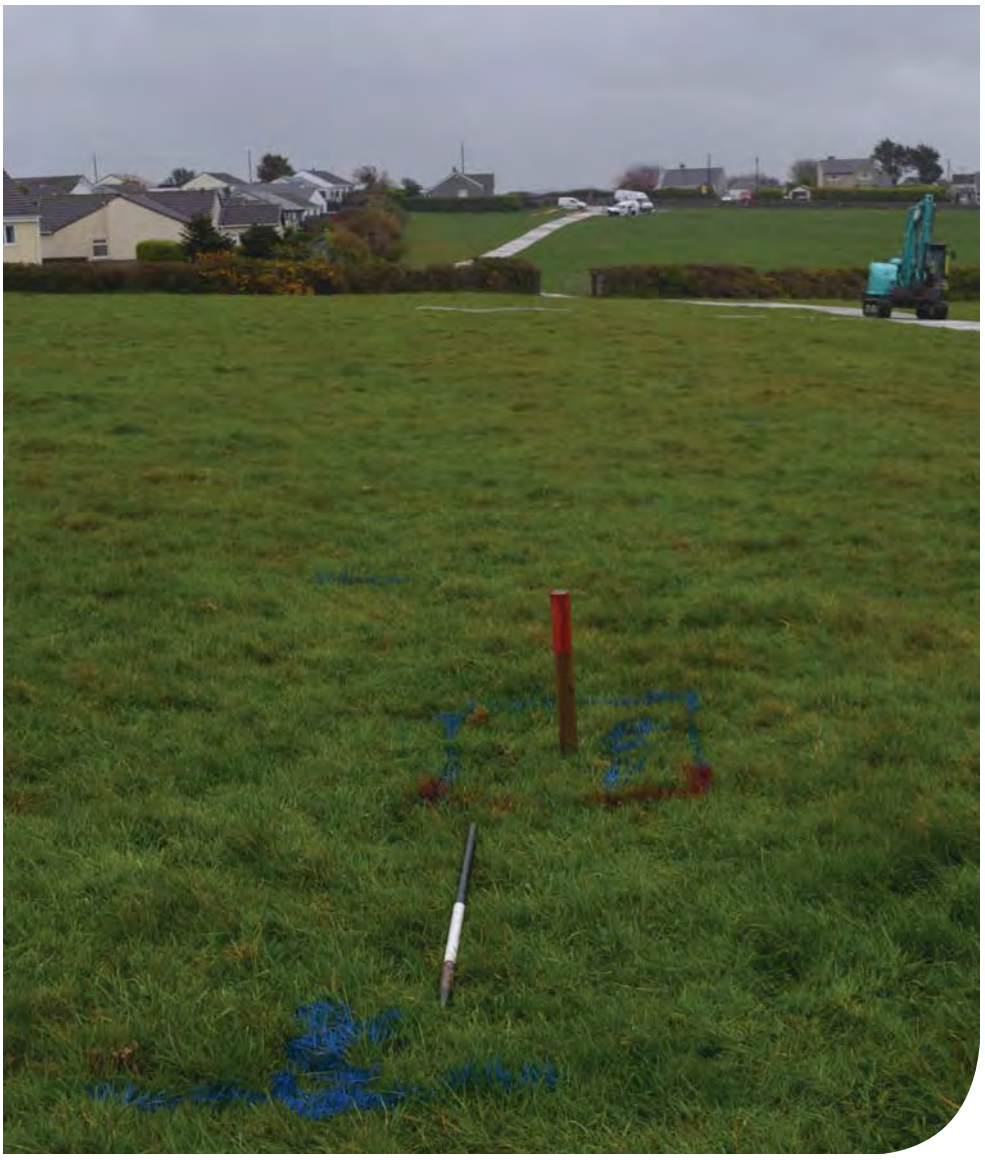
Penrhos, Holyhead

Briff Gwylio Archeolegol 2025
Archaeological Watching Brief 2025



Archaeoleg Gwynedd
Heneb
Gwynedd Archaeology

Penrhos, Holyead

Briff Gwylio Archeolegol 2025
Archaeological Watching Brief 2025

Yr Amgylchedd Hanesyddol yn Cofnodi Prif Gyfeirnod /
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Ysgrifenwyd gan / Written by: Stuart Murphy

Delwedd clawr blaen / Front Cover image: Location shot of TP 117; scale 1x1m; view from W (archive reference: E49206_047).

Heneb

Ymddiriedolaeth Archaeoleg Cymru
The Trust for Welsh Archaeology

Cadeirydd / Chair: Dr Carol Bell PSG / CEO: Richard Nicholls

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

CONTENTS

CRYNHODEB ANHECHNEGOL

Comisiynwyd Heneb: Archeoleg Gwynedd (Gwasanaethau Maes) gan WSP UK Limited i gynnal briff gwylio archeolegol yn ystod gwaith ymchwilio i'r ddaear cyn adeiladu is-orsaf drydanol arfaethedig a llwybr cebl yn Is-orsaf Penrhos yng Nghaergybi, Ynys Môn, Gwynedd, LL65 2UX.

Mae'r gwaith ymchwilio daear sy'n cael ei fonitro wedi'i leoli ar hyd y llwybr cebl ac yn cynnwys 8 pwll treial geotechnegol (TP 116 i TP 123) cloddiwyd y rhain i ddyfnder fras o 1.7m, gyda lled a hyd uchaf o 0.6m a 3.0m. Cloddiwyd dau bwll prawf geotechnolegol ychwanegol hefyd, ar ddyddiad diweddarach (AR-TP107 ac AR-TP108).

Ni chafwyd hyd i unrhyw weithgarwch archeolegol o fewn ffiniau'r pyllau, ond nodwyd haen fas o fawn yn TP123.

NON-TECHNICAL SUMMARY

Heneb: Gwynedd Archaeology (Field Services) were commissioned by WSP UK Limited to carry out an archaeological watching brief during ground investigation works ahead of construction of a proposed electrical sub-station and cable route at Penrhos Substation located at Holyhead, Anglesey, Gwynedd, LL65 2UX.

The ground investigation works being monitored were located along the cable route and included eight geotechnical trial pits (TP 116 to TP 123) these were excavated to an approximate depth of 1.7m, with a maximum width and length of 0.6m and 3.0m. An additional two geotechnical trial pits were also excavated at a later date (AR-TP107 and AR-TP108).

No archaeological activity was identified within the confines of the pits, but a shallow deposit of peat was identified in TP123.

1 INTRODUCTION

Heneb: Gwynedd Archaeology (Field Services) was commissioned by *WSP UK Limited* to carry out an archaeological watching brief during ground investigation works ahead of construction of a proposed electrical sub-station and cable route at Penrhos Substation located at Holyhead, Anglesey, Gwynedd, LL65 2UX (centred on NGR: SH 27946 80110; (Figure 01).

The proposed substation covers an area of 2 hectares, and the proposed cable route is approximately 2.6 km in length. The site is currently not in use and is bounded to the north by Penrhos Coastal Park, to the northwest by the site of the Anglesey Aluminium Works, to the south by the A5 and A55 roads, and to the east by woodland. The cable route is proposed to run from the substation southeast along the A5, across Beddmanarch Bay, then northeast through agricultural fields before terminating at a pylon.

The monitored ground investigation works were located along the proposed cable route which included eight geotechnical trial pits (TP 116 to TP 123) with an additional two excavated at a later date (AR-TP107 to AR-TP108); these were excavated to an approximate depth of 1.7m, with a maximum width and length of 0.6m and 3.0m (Figure 02 and 03).

The watching brief was monitored by Heneb Planning Service in accordance with an approved written scheme of investigation (Appendix I). In line with the regional Historic Environment Record (HER) requirements, the HER was contacted at the onset of the project to ensure that any data arising was formatted in a manner suitable for accession; the HER Event Primary Reference Number for this project is **49206**.

The watching brief was undertaken between the 3rd and 14th of April 2025 and 29th of July 2025. All work carried out was planned, managed and undertaken by Heneb Field Services in accordance with the following standards and guidance:

- Guidance for the Submission of Data to the Welsh Historic Environment Records (HERs) Version 4.1 (The Welsh Archaeological Trusts, 2024);
- Guidelines for digital archives (Royal Commission on Ancient and Historical Monuments of Wales, 2015).
- Management of Archaeological Projects (MAP 2) (English Heritage, 1991);

- Management of Research Projects in the Historic Environment: The MoRPHE Project Managers' Guide (Historic England, 2015);
- Universal Guidance for archaeological monitoring & recording (Chartered Institute for Archaeologists, 2023);
- Standard and guidance for the creation, compilation, transfer and deposition of archaeological archives (Chartered Institute for Archaeologists, 2020); and

Heneb: the Trust for Welsh Archaeology is a Registered Organisation with the Chartered Institute for Archaeologists (CIfA).

1.1 Aims and Objectives

The key aims and objectives were to:

- establish the date and nature of any archaeological remains identified and assess their implications in conjunction with the known archaeological record for the immediate area;
- to place the results in context (if applicable), with reference made to A Research Framework for the Archaeology of Wales Version 03, Final Refresh Document (March 2017); and
- if no additional archaeological activity is identified, establish why this may be the case.

1.2 Acknowledgements

Heneb Field Services would like to thank the following for their contribution and support:

- Heneb Field Services project team: Jessie Baumgardner Stuart Murphy;
- Client: (*WSP UK Limited*); and
- Heneb Planning Services: Jenny Emmett.

2 HISTORIC BACKGROUND

2.1 Introduction

In 2024 TEP was commissioned to undertake an archaeological desk-based assessment of the proposed Penrhos Substation (Larkins, C. 2024). The following information has been acquired from the final report.

Baseline conditions show that the 500m Study Area contains one Scheduled Monument and six Grade II Listed Buildings. There will be a temporary effect on the setting of the Scheduled Monument and three Grade II Listed Buildings whilst groundworks take place.

There are 41 non-designated historic assets within the Study Area. There will be a temporary indirect effect on one of these non-designated historic assets, comprising a drystone wall associated with Telford's Road and the Stanley Embankment.

In accordance with Stage 1 of The Setting of Historic Assets in Wales (Cadw, 2017b), "identify the historic assets that might be affected by a proposed change or development", it has been assessed that the proposed development site may impact the following historic assets:

- Holyhead Road Quay (SM1)
- Stanley Embankment (LB1)
- Stanley Toll House (LB2)
- Milestone (LB3)
- Remains of Stanley Embankment Wall (NDHA19)
- Site of the former Stanley Gate Toll House (NDHA22)

It was assessed that there was low potential for unknown historic assets with archaeological interest to be present from the prehistoric to the modern periods.

2.2 Archaeological Activity

The Desk-based Assessment included a gazetteer of known historic assets (Larkins, C. 2024: Appendix A). The gazetteer identified seven designated assets (SM1; LB1 to LB6) and forty-one undesignated assets (NDHA1 to NDHA41) within the 500m study area (Figure 04).

2.2.1 Designated Assets

- AN146 (TEP: SM1) Holyhead Road Quay.
- PRN: 5683 (TEP: LB1) Stanley Embankment.
- PRN: 2512 (TEP: LB2) Stanley Gate Toll House.
- PRN: 66971 (TEP: LB3) Milestone.
- PRN: 11588 (TEP: LB4) Betting Stand.
- PRN: 67009 (TEP: LB5) Milestone.
- PRN: 67010 (TEP: LB6) Cleifiog Fawr farmhouse.

2.2.2 Undesignated Assets

Key examples include:

- PRN: 59738 (TEP: NDHA 1) Peat Horizon.
- PRN: 16047 (TEP: NDHA 3) Roman Road.
- PRN: 36508 (TEP: NDHA 6) Remains of Tre-gof.
- PRN: 96866 (TEP: NDHA 16) Shipwreck.
- PRN: 60803 (TEP: NDHA 27) Site of building north of Foundry.

3 METHOD STATEMENT

3.1 Watching Brief

3.1.1 Introduction

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 resulted in the preparation of this final report and ordered archive (CIfA, 2023).

The archaeological watching brief took place between the 3rd and 14th of April 2025 for a duration of 4 days with an additional day on the 29th of July 2025.

3.1.2 Fieldwork Methodology

Heneb Field Services monitored the excavation of eight test pits TP116 to TP123 along the proposed cable route located in the fields to the north of the A5 at Valley (Figure 02 and 03). The test pit was opened by a tracked excavator fitted with a toothless bucket. All attendances and photographs were recorded using Heneb Field Services pro-formas. The records included topsoil and subsoil depths as well as the composition of the glacial horizon

Photographic images were taken using a digital SLR (Nikon D3100) camera set to maximum resolution (4928 × 3264; 16.2 effective megapixels) in RAW format and (Canon EOS R7) camera set to maximum resolution (6960 × 4640; 32.5 effective megapixels) in RAW format A photographic record was maintained on site using Heneb pro-formas (Appendix II) and digitised in Microsoft Excel and Access as part of the fieldwork archive and dissemination process; the archive numbering system starts from E49206_001 to E49206_061. The photographic images have been converted to TIFF for final archiving using NX studio.

3.1.3 Data Management Plan

The fieldwork data has been used as the basis for the physical and digital dataset archives and used to compile the project report. The physical archive has been stored in a designated project folder and the location confirmed in Heneb's project database; the digital dataset has been stored on a dedicated Heneb cloud server, with the location confirmed in Heneb's project database via a specific hyperlink. There is no de-selected digital data.

External datasets for the regional HER and RCAHMW are as follows:

- HER: digital report (PDF format) and Event PRN summary (Microsoft Excel format); the report and dataset have been prepared in accordance with the required standards set out in *Guidance for the Submission of Data to the Welsh Historic Environment Records (HERs)* (Version 4.1); and
- RCAHMW: a digital report (PDF format) and digital archive dataset have been prepared in accordance with the *RCAHMW Guidelines for Digital Archives Version 1*. The dataset includes:
- Photographic metadata (Microsoft Access);
- Photographic archive (TIFF format);
- Project Information form (Microsoft Excel);
- File Information form (Microsoft Excel) – Microsoft Word report text final;
- File Information form (Microsoft Excel) – Photographic metadata (general);
- File Information form (Microsoft Excel) – Adobe PDF report final; and
- File Information form (Microsoft Excel) - Photographic metadata (detail).

3.1.4 Selection Strategy

As defined in *Standard and guidance for the creation, compilation, transfer and deposition of archaeological archives* (Chartered Institute for Archaeologists, 2020) section 3.3.1, a project specific selection strategy and data management plan should be prepared. In support of this, the Chartered Institute for Archaeologist (ClfA), have stated that it is "widely accepted that not all the records and materials collected or created during the course of an Archaeological Project require preservation in perpetuity. These records and materials constitute the Working Project Archive which will be subject to Selection, in order to establish what will be retained for long-term curation". The aim of selection is to ensure that all the elements retained from the Working Project Archive for inclusion in the Archaeological Archive are appropriate to establish the significance of the project and support "future research, outreach, engagement, display and learning activities". Selection should be "focused on selecting what is to be retained to support these future needs, rather than deciding what can be dispersed" and can be qualified by a selection strategy, which details the project-specific selection process, agreed by all parties (including Heneb Field Services Planning Service, client and/or landowner), which will be applied to a Working Project Archive prior to its transfer into curatorial care as the Archaeological Archive.

- The aims and objectives of the project.
- The brief and/or Written Scheme of Investigation (WSI)).
- The Collecting Institution's collection policy and/or deposition guidelines.
- Regional & relevant thematic or period specific research frameworks.
- The project's Data Management Plan (DMP).
- Internal recording and reporting policies.
- Material-specific guidance documents.

The final project specific selection strategy is in Appendix III

4 RESULTS

4.1 Introduction

The watching brief undertaken at Penrhos was undertaken between the 03/04/2025 and the 29/07/2025, and involved the excavation of ten test pits, which measured 3m long by 0.60m wide and 1.7m deep (Figure 02 and 03) . The test pits were excavated to allow ground investigations to be carried out on the proposed new cable route to a new sub-station being constructed on the former Anglesey Aluminium site (Figure 01). The watching brief was undertaken in two stages, with the main works being undertaken between the 03/04/2025 and 10/04/2025 which included the excavation of Test pits 116 to 123, while an additional two test pits (AR-TP107 to AR-TP 108) were excavated during the 29th 0f July 2025.

4.2 AR-TP107

Length: 2.6m

Width: 0.50m

Depth: 0.3m

Plates: 50-55

AR-TP107, located in Field 1 (Figure 02).

The topsoil consisted of a mid-brown sandy silt which extended to a depth of 0.30m. The topsoil lay directly on top of a grey/mid grey, brown clay natural with rare small stone inclusions. No archaeology was encountered within the test pit.

4.3 AR-TP108

Length: 2.8m

Width: 0.50m

Depth: 0.26m

Plates: 56-61

AR-TP108, located in Field 2 (Figure 03).

The topsoil consisted of a mid-brown sandy silt which extended to a depth of 0.26m. The topsoil lay directly on top of a grey/mid grey-brown clay natural with rare small stone inclusions. No archaeology was encountered within the test pit.

4.4 Test Pit 116

Length: 3.30m

Width: 0.60m

Depth: 1.7m

Plates: 40-45

TP 116, located in Field 1 (Figure 02).

The topsoil consisted of a mid-brown sandy silt which extended to a depth of 0.12m. The light brown silty subsoil was encountered at a depth of 0.12m and extended to a depth of 0.40m. At 0.40m the natural glacial horizon was encountered which composed of a yellowish orangey clay with gravel and stone inclusions. The test pit was then extended to a depth of 1.7m. No archaeology was encountered within the test pit.

4.5 Test Pit 117

Length: 3.30m

Width: 0.60m

Depth: 1.7m

Plates: 46-49

TP117 located in Field 1 (Figure 02).

The topsoil consisted of a mid-brown sandy silt which extended to a depth of 0.25m. The light brown silty subsoil was encountered at a depth of 0.25m and extended to a depth of 0.50m. At 0.50m the natural glacial horizon was encountered which composed of a light grey clay with stone inclusions was. Furthermore, the test pit was then extended to a depth of 1.7m. No archaeology was encountered within the test pit.

4.6 Test Pit 118

Length: 2.75m

Width: 0.60m

Depth: 1.7m

Plates: 34-39

TP 118 was located in field 2 (Figure 03).

The topsoil consisted of a mid-brown sandy silt which extended to a depth of 0.11m. The light brown silty subsoil was encountered at a depth of 0.11m. At 0.35m the natural glacial horizon was encountered, which composed of a yellow clay. The test pit was then extended to a depth of 1.7m.

No archaeological activity was encountered within this test pit.

4.7 Test Pit 119

Length: 3m

Width: 0.60m

Depth: 1.7m

Plates: 27-33

TP 118 was located in field 2 (Figure 03).

The mid brown rooty topsoil extended to a depth of 0.11m. The light brown silty subsoil was encountered at a depth of 0.16m and extended to a depth of 0.40m. At 0.40m the natural yellow clay was encountered. The test pit was then extended to a depth of 1.7m. No archaeological activity was encountered within this test pit.

4.8 Test Pit 120

Length: 3m

Width: 0.55m

Depth: 1.7m

Plates: 7-11

TP 120 was located in field 3 (Figure 03).

The light brown rooty topsoil extended to a depth of 0.30m. The lightish brown silty subsoil was encountered at a depth of 0.30m and extended to a depth of 0.50m. At 0.50m the natural yellow greyish clay was encountered. The test pit was then extended to a depth of 1.7m. No archaeological activity was encountered within this test pit.

4.9 Test Pit 121

Length: 2.60m

Width: 0.50m

Depth: 1.6m

Plates: 1-6 & 12

TP 121 was located in field 3 (Figure 03).

The light greyish brown rooty topsoil extended to a depth of 0.30m. The mid greyish brown silty clay subsoil was encountered at a depth of 0.30m and extended to a depth of 0.90m. At 0.90m the natural yellowish grey clay was encountered. The test pit was then extended to a depth of 1.6m when bedrock was encountered. No archaeological activity was encountered within this test pit.

4.10 Test Pit 122

Length: 3.10m

Width: 0.55m

Depth: 1.7m

Plates: 13-19

TP 122 was located in field 3 (Figure 03).

The light greyish brown rooty topsoil extended to a depth of 0.30m. The mid greyish brown silty clay subsoil was encountered at a depth of 0.30m and extended to a depth of 0.40m. At 0.40m the natural yellowish grey clay was encountered. The test pit was then extended to a depth of 1.7m. No archaeological activity was encountered within this test pit.

4.11 Test Pit 123

Length: 3m

Width: 0.50m

Depth: 1.7m

Plates: 20-26

TP 122 was located in field 3 (Figure 03).

The light greyish brown rooty topsoil extended to a depth of 0.30m. The mid greyish brown silty clay subsoil was encountered at a depth of 0.30m and extended to a depth of 0.40m. At 0.40m the natural yellowish grey clay was encountered. At 0.55m a dark blackish brown layer of organic matter/peat was found this extended the length of the test pit. At 0.75m a layer of greyish blue alluvial clay was found beneath the peat layer. The test pit was then extended to a depth of 1.7m. No archaeological activity was encountered within this test pit though a shallow deposit of peat sealing a greyish blue layer of alluvial clay was found.

5 CONCLUSION

Heneb Field Services was commissioned by WSP UK limited to conduct a watching brief at Penrhos, Holyhead. The watching brief was completed in two phases between the 3rd and 14th of April 2025 and the 29th of July 2025. The works monitored the excavation of ten geotechnical ground investigation test pits along a proposed new cable route. The area monitored formed part of a larger proposed scheme for the construction of a new substation on the former Anglesey aluminium site; the aim of the watching brief was to ascertain the presence of any archaeological activity.

No archaeological activity was identified within the confines of test pits; the test pits were characterised by shallow topsoil and subsoil sealing a glacial clay; this suggested the area was used primarily for pasture. The only exception was a shallow deposit of peat sealing a greyish blue layer of alluvial clay in TP 123 which was located in the easternmost field along the monitored portion of the route. This peat deposit suggested that area was prone to waterlogging and may represent a former wetland area.

Although no archaeological activity was identified within the confines of the test pits there is still potential for archaeology to be present within the wider area.

6 SOURCES CONSULTED

1. Chartered Institute for Archaeologists, 2020, *Standard and Guidance for the Archaeological Investigation and Recording of Standing Buildings or Structures*;
2. Chartered Institute for Archaeologists, 2020, Standard and Guidance for Archaeological Watching Brief;
3. Chartered Institute for Archaeologists, 2020, *Standard and guidance for the collection, documentation, conservation and research of archaeological materials*;
4. Chartered Institute for Archaeologists, 2023, *Universal Guidance for archaeological monitoring & recording*;
5. English Heritage, 1991, *Management of Archaeological Projects (MAP2)*;
6. Historic England, 2015, *Management of Research Projects in the Historic Environment* (MoRPHE);
7. Royal Commission on Ancient and Historic Monuments of Wales, 2015, *Guidelines for digital archives*;
8. The Welsh Archaeological Trusts, 2024. *Guidance for the Submission of Data to the Welsh Historic Environment Records (HERs)* Version 2.
9. Larkins, C. 2024. Penrhos Substation and Cable Route, Anglesey, Gwynedd, Historic Environment Desk-based Assessment

PLATES

Plate 1: TP 121 - Pre-ex shot of trial 121; scale 1x1m; view from N (archive reference: E49206_001).

Plate 2: TP 121 - Pre-ex shot of trial 121 in context of field; scale not used; view from WSW (archive reference: E49206_002).

Plate 3: TP 121 - Mid-ex shot of TP 121; scale 1x1m; view from N (archive reference: E49206_003).

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Plate 5: TP 121 - Section view of TP 121; scale 1x1m; view from W (archive reference: E49206_005).

Plate 6: TP 121 - Close-up view of TP 121 dug to natural level; scale not used; view from N (archive reference: E49206_006).

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Plate 17: TP122 - Section view of TP 122; scale 1x1m; view from N (archive reference: E49206_017).

Plate 18: TP122 - Mid-ex view of TP122 dug beyond the natural; scale 1x1m; view from E (archive reference: E49206_018).

Plate 19: TP122 - Post-ex view of TP 122 backfilled; scale 1x1m; view from E (archive reference: E49206_019).

Plate 20: TP 123 - Pre -ex shot of TP 123; scale 1x1m; view from SE (archive reference: E49206_020).

Plate 21: TP 123 - Mid-ex shot of TP 123; scale 1x1m; view from SE (archive reference: E49206_021).

Plate 22: TP 123 - Mid-ex shot of TP 123; scale 1x1m; view from SE (archive reference: E49206_022).

Plate 23: TP 123 - Section view of TP 123 showing peat and alluvial clay layers; scale 1x1m; view from NNE (archive reference: E49206_023).

Plate 24: TP 123 - Section view of TP 123 showing peat and alluvial clay layers close-up; scale not used; view from NNE (archive reference: E49206_024).

Plate 25: TP 123 - TP 123 back filled; scale 1x1m; view from SE (archive reference: E49206_025).

Plate 26: TP 123 - Context view of TP 123 in field; scale not used; view from SE (archive reference: E49206_026).

Plate 27: TP 119 - Pre-ex view of TP 119; scale 1x1m; view from W (archive reference: E49206_027).

Plate 28: TP 119 - Mid-ex view of TP 119; scale 1x1m; view from W (archive reference: E49206_028).

Plate 29: TP 119 - Post-ex view of TP 119; scale 1x1m; view from W (archive reference: E49206_029).

Plate 30: TP 119 - Post-ex view of TP 119; scale 1x1m; view from W (archive reference: E49206_030).

Plate 31: TP 119 - View of N facing section of TP 119; scale 1x1m; view from N (archive reference: E49206_031).

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Plate 33: TP 119 - TP 119 location shot; scale 1x1m; view from E (archive reference: E49206_033).

Plate 34: TP 118 - Pre-ex view of TP 118; scale 1x1m; view from E (archive reference: E49206_034).

Plate 35: TP 118 - Mid-ex view of TP 118; scale 1x1m; view from E (archive reference: E49206_035).

Plate 36: TP 118 - Post-ex view of TP 118; scale 1x1m; view from E (archive reference: E49206_036).

Plate 37: TP 118 - View of N facing section of TP 118; scale 1x1m; view from N (archive reference: E49206_037).

Plate 39: TP 118 - Location shot of TP 118; scale 1x1m; view from W (archive reference: E49206_039).

Plate 40: TP 116 - Pre-ex view of TP 116; scale 1x1m; view from W (archive reference: E49206_040).

Plate 41: TP 116 - Mid-ex view of TP 116; scale 1x1m; view from W (archive reference: E49206_041).

Plate 42: TP 116 - Post-ex view of TP 116; scale 1x1m; view from W (archive reference: E49206_042).

Plate 43: TP 116 - View of N facing section of TP116; scale 1x1m; view from N (archive reference: E49206_043).

Plate 44: TP 116 - TP 116 backfilled; scale 1x1m; view from W (archive reference: E49206_044).

Plate 45: TP 116 - TP 116 backfilled; scale 1x1m; view from W (archive reference: E49206_045).

Plate 46: TP 117 - Pre-ex view of TP 117; scale 1x1m; view from W (archive reference: E49206_046).

Plate 47: TP 117 - Mid-ex view of TP 117; scale 1x1m; view from W (archive reference: E49206_047).

Plate 48: TP 117 - Location shot of TP 117; scale 1x1m; view from W (archive reference: E49206_048).

Plate 49: TP 117 - view of N facing section of TP 117; scale 1x1m; view from N (archive reference: E49206_049).

Plate 50: TP 117 - Pre-ex view of TP 107; scale 1x1m; view from SE (archive reference: E49206_050).

Plate 51: Pre-ex view of TP 107 - ; scale: 1x1m; view from SE (archive reference: E49206_051).

Plate 52: View of TP 107 - ; scale: 1x1m; view from SE (archive reference: E49206_052).

Plate 53: Section view of TP 107 - ; scale: 1x1m; view from NE (archive reference: E49206_053).

Plate 54: TP 107 backfilled - ; scale: 1x1m; view from SE (archive reference: E49206_054).

Plate 55: Context view of TP 107 - ; scale: not used; view from E (archive reference: E49206_055).

Plate 56: Pre-ex view of TP 108 - ; scale: 1x1m; view from SE (archive reference: E49206_056).

Plate 57: View of TP 108 - ; scale: 1x1m; view from SE (archive reference: E49206_057).

Plate 58: View of TP 108 dug to natural - ; scale: 1x1m; view from SE (archive reference: E49206_058).

Plate 59: Section view of TP 108 - ; scale: 1x1m; view from NE (archive reference: E49206_059).

Plate 60: Context view of TP 108 - ; scale: not used; view from SSW (archive reference: E49206_060).

Plate 61: Context view of TP 108 with road and TP 107 in background - ; scale: not used; view from ENE (archive reference: E49206_061).

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Plate 6: TP 121 - Close-up view of TP 121 dug to natural level; scale not used; view from N (archive reference: E49206_006).

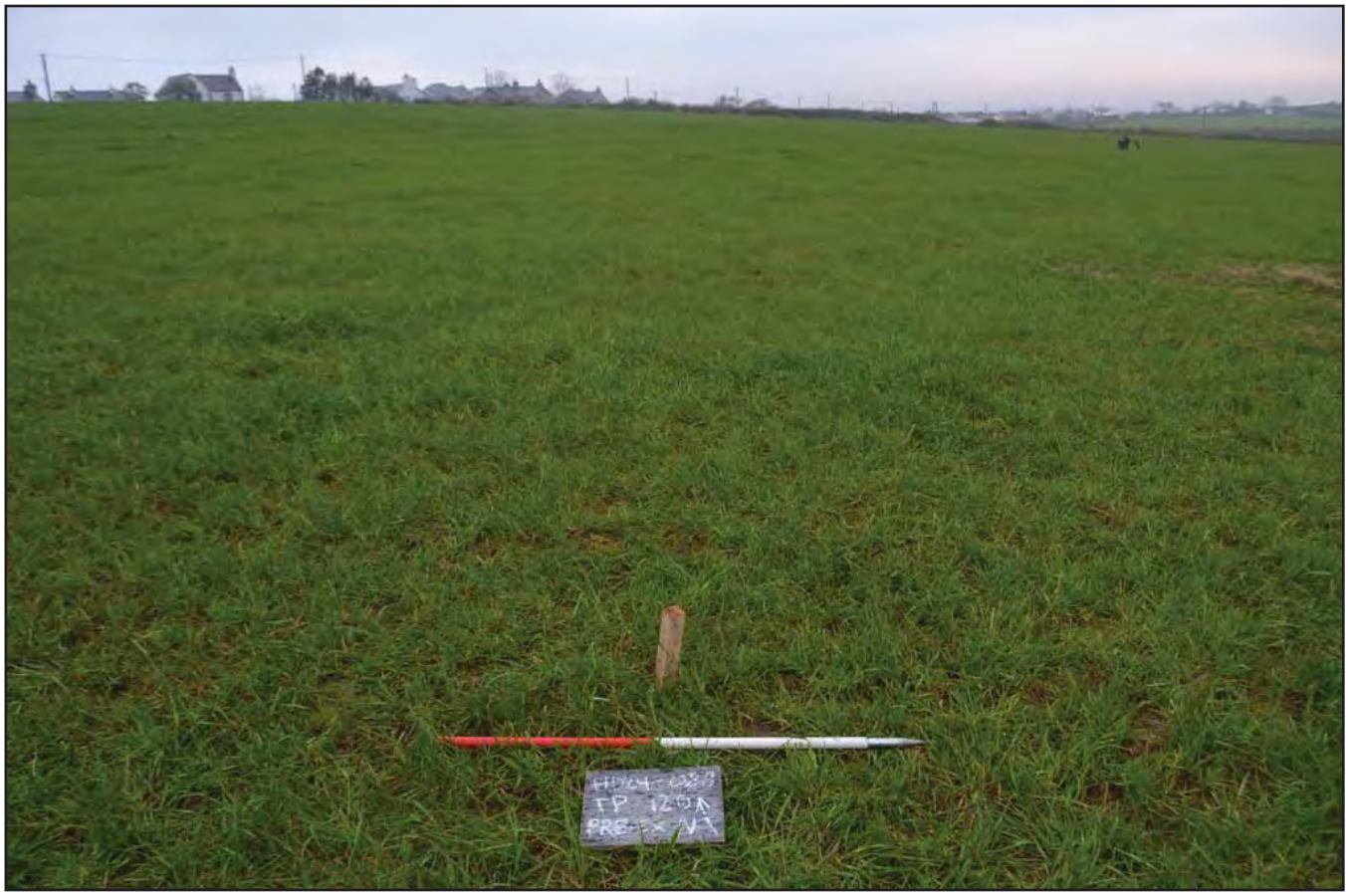

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Plate 8: TP 120 - Mid-ex shot of TP 120 dug down to natural level; scale 1x1m; view from E (archive reference: E49206_008).

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Plate 12: TP 121 - TP 121 Backfilled; scale 1x1m; view from N (archive reference: E49206_012).

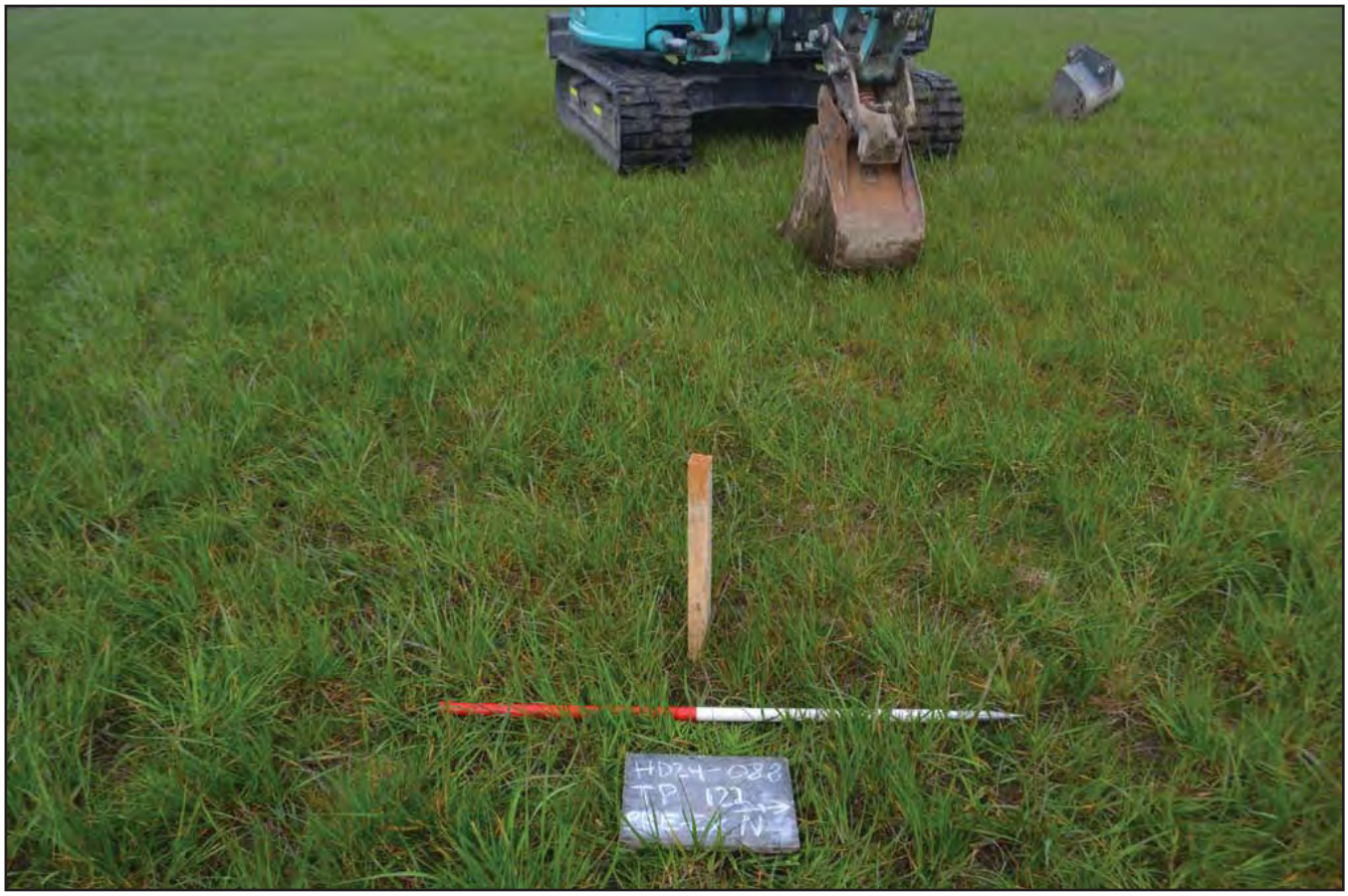

Plate 13: TP122 - Pre-ex shot of TP 122; scale 1x1m; view from E (archive reference: E49206_013).

Plate 14: TP122 - Mid-ex shot of TP 122 dug down to natural level; scale 1x1m; view from E (archive reference: E49206_014).

Plate 15: TP122 - Context view of TP 122; scale not used; view from N (archive reference: E49206_015).

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Plate 37: TP 118 - View of N facing section of TP 118; scale 1x1m; view from N (archive reference: E49206_037).

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Plate 40: TP 116 - Pre-ex view of TP 116; scale 1x1m; view from W (archive reference: E49206_040).

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Plate 43: TP 116 - View of N facing section of TP116; scale 1x1m; view from N (archive reference: E49206_043).

Plate 44: TP 116 - TP 116 back filled; scale 1x1m; view from W (archive reference: E49206_044).

Plate 45: TP 116 - TP 116 back filled; scale 1x1m; view from W (archive reference: E49206_045).

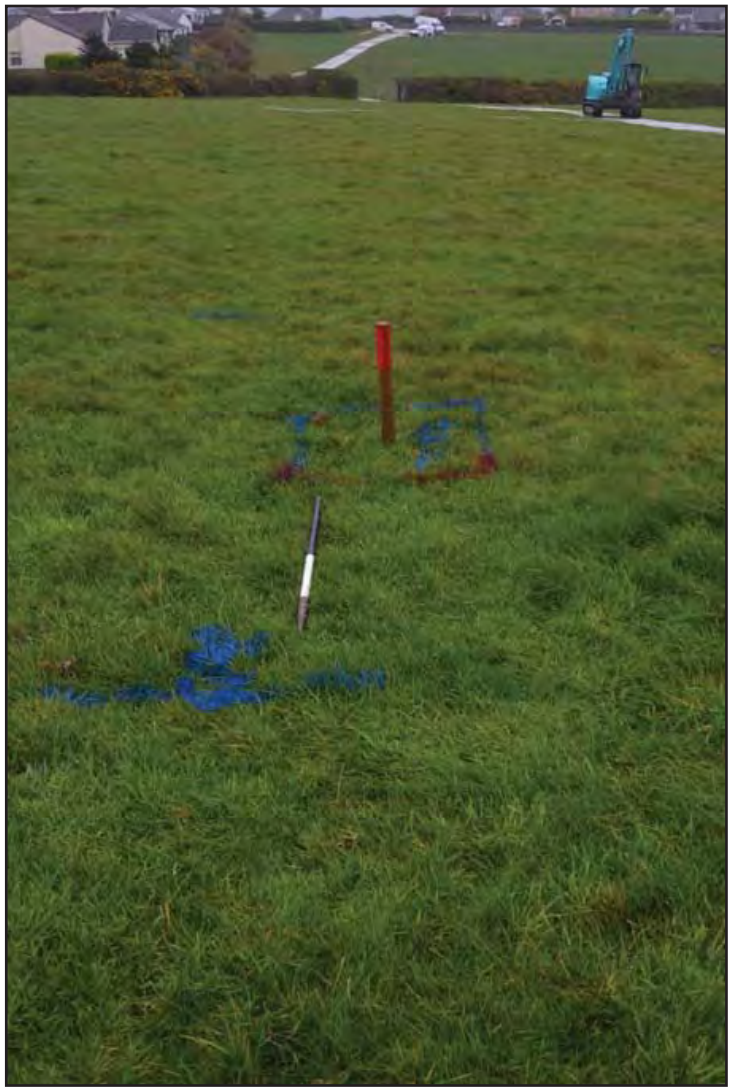

Plate 46: TP 117 - Pre-ex view of TP 117; scale 1x1m; view from W (archive reference: E49206_046).

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Plate 53: Section view of TP 107 - ; scale: 1x1m; view from NE (archive reference: E49206_053).

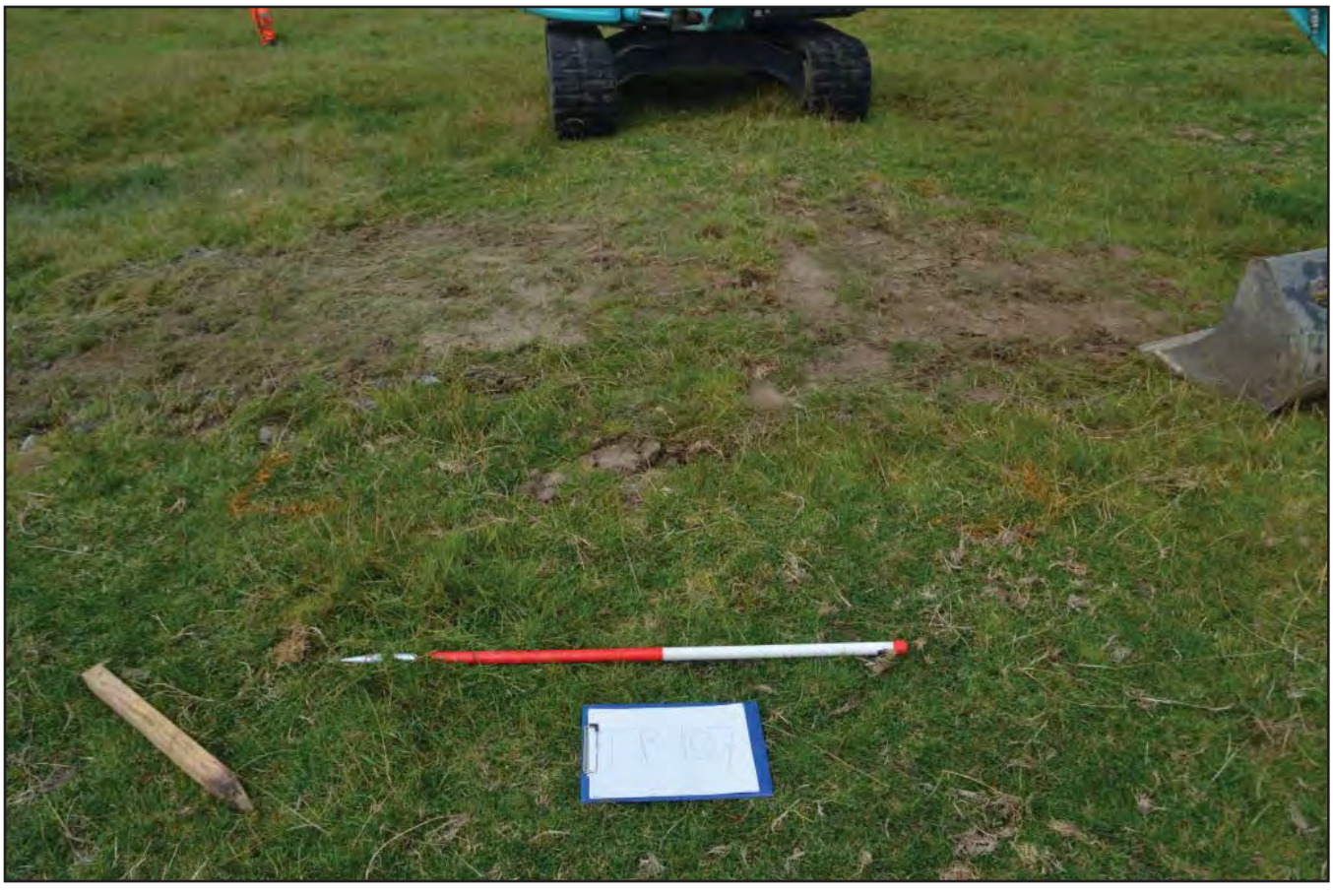

Plate 54: TP 107 backfilled - ; scale: 1x1m; view from SE (archive reference: E49206_054).

Plate 55: Context view of TP 107 - ; scale: not used; view from E (archive reference: E49206_055).

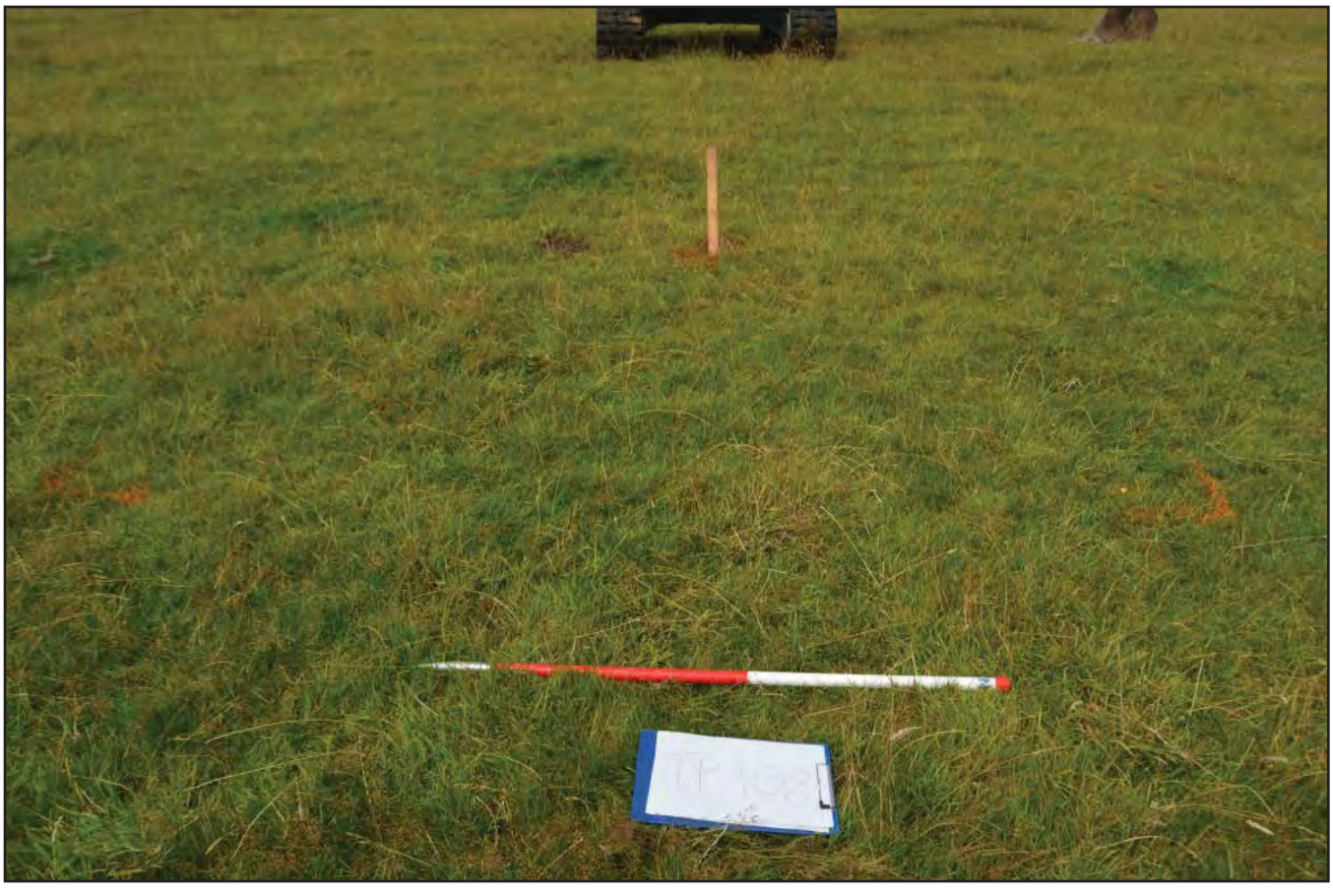

Plate 56: Pre-ex view of TP 108 - ; scale: 1x1m; view from SE (archive reference: E49206_056).

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Plate 59: Section view of TP 108 - ; scale: 1x1m; view from NE (archive reference: E49206_059).

Plate 60: Context view of TP 108 - ; scale: not used; view from SSW (archive reference: E49206_060).

Plate 61: Context view of TP 108 with road and TP 107 in background - ; scale: not used; view from ENE (archive reference: E49206_061).

FIGURES

FIGURE 01

Reproduction of clients site location plan.

Figure; 01, Reproduction of clients site location plan.

FIGURE 02

Reproduction of National Grid drawing showing Cable route and Trial pit locations. Scale@ A3 1:2,500.

Key

- Cable route
- Substation
- Borehole
- Trial Pit
- Window Sample

0 25 50 75 100 125 m

Scale at A3: 1:2,500

World Imagery: Maxar, Microsoft
Hybrid Reference Layer: Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, Foursquare, GeoTechnologies, Inc, METI/ NASA, USGS

Client

Penrhos 132kV Cable Replacement & Substation

Figure 5
Exploratory hole location plan – cable route

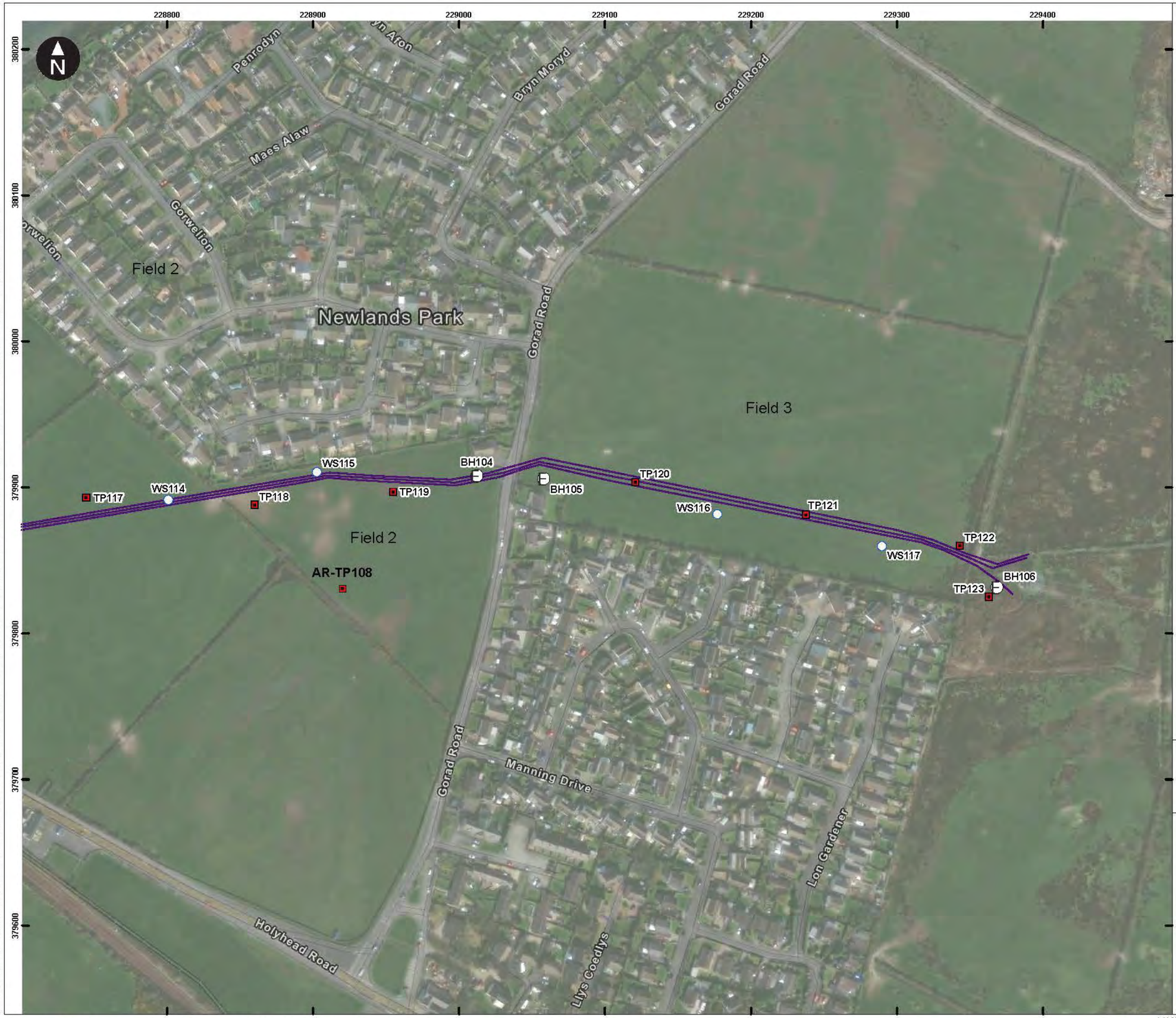
March 2025

\\corp\global\GB\Projects\UK0028xxx\UK0028112.4883 - National Grid Penrhos - Ground Investigation\03 WIP\Drawings\GIS\UK0028112.4883 -WSPE-FG-OC-00010_P01.2.aprx Originator: UKVLS775

Figure: 02. Reproduction of National Grid drawing showing Cable route and Trial pit locations.

FIGURE 03

Reproduction of National Grid drawing showing Cable route and Trial pit locations. Scale@ A3 1:2,500.



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UK0028112.4883 -WSPE-FG-OC-00010_P01.2.aprx

\\corp\global\GB\Projects\UK0028xxx\UK0028112.4883 - National Grid Penrhos - Ground Investigation\03 WIP\Drawings\GIS\UK0028112.4883 -WSPE-FG-OC-00010_P01.2.aprx Originator: UKVLS775

Figure: 03. Reproduction of National Grid drawing showing Cable route and Trial pit locations.

FIGURE 04

Reproduction of TEP Historic Environment Desk-based Assessment report- Location of known historic assets, Drawing no: G10432.01.007, Scale 1:1300@A3.

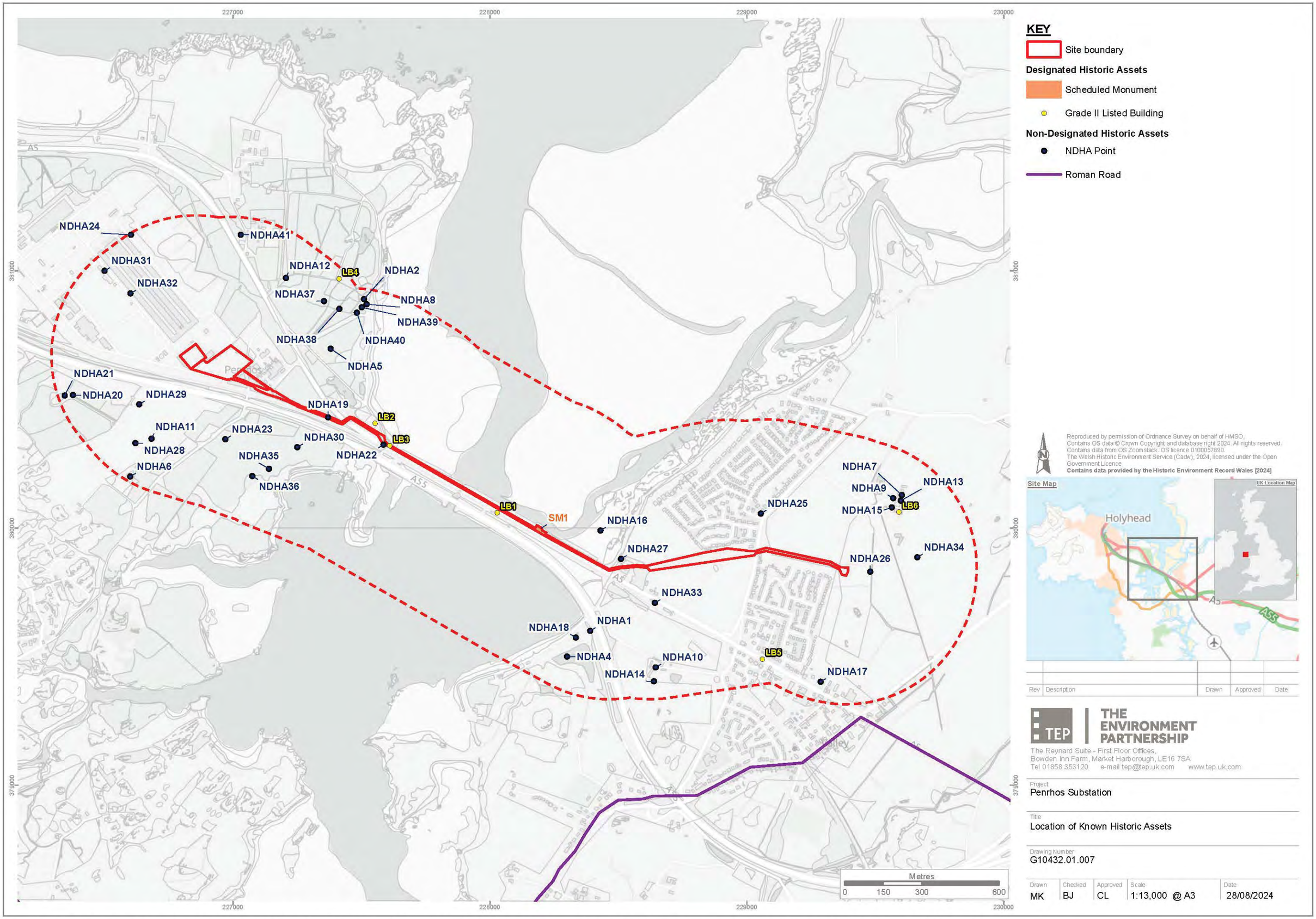


Figure: 05. Reproduction of TEP Historic Desk-Based Assessment report-Location of known historic assets, Drawing no: G10432.01.007, Scale 1:1300@A3

APPENDIX I

Heneb: Gwynedd Archaeology Written Scheme of investigation. Final approved November 2024.

PENRHOS (HD24-088)

WRITTEN SCHEME OF INVESTIGATION FOR ARCHAEOLOGICAL MITIGATION:

Archaeological Watching Brief

Historic Environment Record Event Primary Reference Number 49206

Prepared for *WSP UK Limited*

March 2025

Heneb

Approvals Table				
	Role	**Printed Name**	**Signature**	**Date**
Originated by	Document Author	Stuart Murphy		18/03/2025
Reviewed by	Document Reviewer	John Roberts		19/03/2025
Approved by	Principal Archaeologist	John Roberts		19/03/2025

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

All Heneb 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

PENRHOS (HD24-088)

WRITTEN SCHEME OF INVESTIGATION FOR AN ARCHAEOLOGICAL WATCHING BRIEF

Prepared for *WSP UK Limited,* March 2025

CONTENTS

1 INTRODUCTION

Heneb Field Services (Field Services) have been commissioned by *WSP UK Limited* to carry out an archaeological watching brief during ground investigation works ahead of construction of a proposed electrical sub-station and cable route at Penrhos Substation located at Holyhead, Anglesey, Gwynedd, LL65 2UX (centred on NGR: SH 27946 80110; (Figure 01).

The proposed substation covers an area of 2ha, and the proposed cable route is c.2.6km in length. The site is currently not in use and is bounded to the north by Penrhos Coastal Park, the site of the Anglesey Aluminium Works to the north-west, the A5 and A55 roads to the south and woodland to the east. The cable route is proposed to run from the substation southeast along the A5 across Beddmanarch Bay, crossing the eastern side of the bay and then northeast through agricultural fields before terminating at a pylon.

The ground investigation works being monitored are located along the cable route and include 8 geotechnical trial pits (TP 116 – TP 123) that will be excavated to an approximate depth of 1.7m, with a maximum width and length of 0.6m and 3.0m (Figure 02 and 03).

The watching brief is scheduled to take up to 4 days between the 3rd and 10th of April 2025. All work will be planned, managed and undertaken by Heneb Field Services in accordance with the following standards and guidance:

- Guidance for the Submission of Data to the Welsh Historic Environment Records (HERs) Version 2 (The Welsh Archaeological Trusts, 2024);
- Guidelines for digital archives (Royal Commission on Ancient and Historical Monuments of Wales, 2015).
- Management of Archaeological Projects (MAP 2) (English Heritage, 1991);
- Management of Research Projects in the Historic Environment: The MoRPHE Project Managers' Guide (Historic England, 2015);
- Universal Guidance for archaeological monitoring & recording (Chartered Institute for Archaeologists, 2023);
- Standard and guidance for the creation, compilation, transfer and deposition of archaeological archives (Chartered Institute for Archaeologists, 2020); and

Heneb: the Trust for Welsh Archaeology is a Registered Organisation with the Chartered Institute for Archaeologists (CIfA).

1.1 Aims and Objectives

The key aims and objectives are to:

- establish and record the date and/or 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;
- to place the results in context (if applicable), with reference made to *A Research Framework for the Archaeology of Wales Version 03, Final Refresh Document* (March 2017);
- if no additional archaeological activity is identified during the watching brief phase, establish why this may be the case.

1.2 Monitoring Arrangements

The archaeological mitigation will be monitored by Heneb Planning Services. The content of this written scheme of investigation and all subsequent reporting by Heneb Field Services must be approved by the Planning Service Archaeologist prior to final issue. The Planning Service Archaeologist will be kept informed of the project timetable and of the subsequent progress and findings; this will allow time to arrange monitoring visits and attend site meetings (if required) and enable discussion about the need or otherwise for further works (if required) as features of potential archaeological significance are encountered.

Jenny Emmett | jenny.emmett@heneb.co.uk | 07824481052

1.3 Historic Environment Record

In line with 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, 2024). In line with this guidance, all submitted reporting will need to include the equivalent of a non-technical summary in Welsh and English at the front of the report combined with short bilingual summaries of the principal Historic Assets recorded during the event. These requirements are mandatory. The Gwynedd HER event primary reference number is **49206**.

Gwynedd HER will also be responsible for supplying Primary Reference Numbers (PRN) for new assets identified and recorded.

2 HISTORICAL AND ARCHAEOLOGICAL BACKGROUND

2.1 Introduction

A Historic Environment Desk-based Assessment of the proposed Penrhos Substation was undertaken by TEP (Larkins, C. 2024).

Baseline conditions show that the 500m Study Area contains one Scheduled Monument and six Grade II Listed Buildings. There will be a temporary effect on the setting of the Scheduled Monument and three Grade II Listed Buildings whilst groundworks take place.

There are 41 non-designated historic assets within the Study Area. There will be a temporary indirect effect on one of these non-designated historic assets, comprising a drystone wall associated with Telford's Road and the Stanley Embankment.

In accordance with Stage 1 of The Setting of Historic Assets in Wales (Cadw, 2017b), "identify the historic assets that might be affected by a proposed change or development", it has been assessed that the proposed development site may impact the following historic assets:

- Holyhead Road Quay (**SM1**)
- Stanley Embankment (**LB1**)
- Stanley Toll House (**LB2**)
- Milestone (**LB3**)
- Remains of Stanley Embankment Wall (**NDHA19**)
- Site of the former Stanley Gate Toll House (**NDHA22**)

It is assessed that there is low potential for unknown historic assets with archaeological interest to be present from the prehistoric to the modern periods. It is understood that proposed groundworks associated with the proposed substation and cable route will be within the site of the former substation and the existing cable trench, with the existing cable trench being widened by approximately 0.5m to 1m.

2.2 Archaeological Activity

The Desk-based Assessment included a gazetteer of known historic assets (Larkins, C. 2024: Appendix A). The gazetteer identified seven designated assets (SM1; LB1 to LB6) and forty-one undesignated assets (NDHA1 to NDHA41) within the 500m study area (Figure 04).

2.2.1 Designated Assets

- AN146 (TEP: SM1) Holyhead Road Quay.
- PRN: 5683 (TEP: LB1) Stanley Embankment.
- PRN: 2512 (TEP: LB2) Stanley Gate Toll House.
- PRN: 66971 (TEP: LB3) Milestone.
- PRN: 11588 (TEP: LB4) Betting Stand.
- PRN: 67009 (TEP: LB5) Milestone.
- PRN: 67010 (TEP: LB6) Cleifiog Fawr farmhouse.

2.2.2 Undesignated Assets

Key examples include:

- PRN: 59738 (TEP: NDHA 1) Peat Horizon.
- PRN: 16047 (TEP: NDHA 3) Roman Road.
- PRN: 36508 (TEP: NDHA 6) Remains of Tre-gof.
- PRN: 96866 (TEP: NDHA 16) Shipwreck.
- PRN: 60803 (TEP: NDHA 27) Site of building north of Foundry

3 METHOD STATEMENT

3.1 Watching Brief

3.1.1 Introduction

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, 2020).

The watching brief is currently scheduled to take place between Thursday the 3rd of April 2025 and Thursday the 10th of April 2025 for a duration of 4 days (may be subject to change).

The project archaeologist(s) will be afforded sufficient time and opportunity to investigate any archaeological activity, or suspected archaeological activity, encountered.

3.1.2 Fieldwork Methodology

The following watching brief methodology will be applied:

- All attendances and photographs will be recorded using Heneb Field Services pro-formas (cf. Appendix I and II). The records will include depositional depths and composition as far as the glacial horizon. Any subsurface features encountered will be recorded on Heneb pro-formas with detailed notations and will be recorded photographically with an appropriate scale, located via GPS and a measured survey completed, either hand drawn or using a Trimble R8 GPS unit;
- Photographic images will be taken using a digital SLR camera set to maximum resolution in RAW format; a photographic record will be maintained on site using Heneb 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 Affinity Software; the archive numbering system will include prefix **E49206_001** and start from the next available photographic archive number; where practical, a photographic ID board will be used to record site code, image orientation and any relevant context numbers; scale bars of appropriate size and quantity will be used, both for general images and for individual features/feature groups.
- Heneb: Field Services have been informed by WSP UK Limited that access to the trial pits will be limited and we would generally adhere to WSPs 100% no access to the trial pit, unless exceptional circumstances where access would be beneficial, in these circumstances access would only be allowed to a maximum depth of 400mm; if any archaeology is encountered bellow this depth excavation of the trial pit must stop due to the archaeologist having no access to examine and record the archaeology. Any archaeological features/deposits/structures encountered 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, 25% sample of each linear feature (terminal ends and intersection points with other features will be prioritised). However, if discrete features are identified, these will be 100% excavated. Any features that comprise a spread of material rather than a cut feature, will be completed in quadrants (if fully extant) or 100% excavated if present as a discrete spread;
- Heneb: pro-forma sheets will be used for recording notes on the groundworks and any features discovered. These pro-formas might be watching brief day sheets, trench sheets and/or context sheets depending on the quantity and detail of the deposits and

- Any required sections and plans to be drawn at a minimum 1:10 scale using GA A4, A3 or A2 pro-forma permatrace (whichever is appropriate to the size/scale of the drawing); section datums will be recorded.

Should dateable artefacts be recovered, a post-excavation assessment report will be submitted, along with an updated project design for analysis, leading to the production of a final report (in line with the MAP2 process). Additional time, resourcing and costs will be required to undertake any post-excavation programme of works.

3.1.3 Human Remains

Whilst human remains are not expected, if any human remains are identified that cannot be preserved in situ, any excavation 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 anybody 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 GA 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).

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 *The Role of the Human Osteologist in an Archaeological Fieldwork Project (Historic England, 2018).*

3.1.4 Ecofacts

Should any archaeological features and/or sealed deposits be identified that are deemed suitable for assessment and analysis, bulk ecofact samples will be taken by the Heneb field services Project Archaeologist team using 10 litre sampling buckets. The deposits will be assessed and analysed for plant species and charcoal, with the results used to inform agrarian practices and wood fuel use, as well as possibly dating. Initial assessment would be completed by the GA Project Archaeologist team using wet sieving, with the subsequent species identification assessment completed by an ecofact specialist (Jackaline Robertson | AOC Archaeology | telephone: 0208 843 7380). Any deposits deemed suitable for dating will be submitted to a laboratory specialising in radiocarbon dating (e.g., SUERC).

Any ecofact assessment/analysis proposals will require additional resourcing and cost and will only be undertaken further to agreement with Heneb: Planning Service and the client.

Any ecofact samples taken from human burials will be recovered in accordance with the appointed osteologist's guidance.

3.1.5 Artefacts

Any diagnostic artefacts recovered during the watching brief will be retained for further examination and identification. Pottery sherds of 19th and 20th century date will be examined on-site and the context from which they were retrieved noted and the sherds be retained. 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. All finds are the property of the landowner; however, it is Henebs policy to recommend that all finds are donated to an appropriate museum (in this case Oriel Mon, Llangefni, Ynys Mon, LL77 7TQ), where they can receive specialist treatment and study. Access to finds must be granted to the Heneb for a reasonable period to allow for analysis and for study and publication as necessary. Heneb staff will undertake initial identification, but any additional advice would be sought from a wide range of consultants used by Heneb, 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.

Heneb field services will contact the landowner for agreement regarding the transfer of artefacts, initially to Heneb: Field Services and subsequently to the relevant museum (Oriel Mon, Blaen Y Wawr, Isle of Anglesey LL77 7TQ). A Heneb 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 to be donated will then be transferred to Oriel Mon.

3.1.6 Working Project Archive

Following the completion of the fieldwork, a working project archive will be created 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 (if relevant): all cross referenced and complete;
5. Plans (if relevant): 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.

All relevant site archive data will be added to a digital project register specific to this project, which will be prepared in Microsoft Excel.

The site archive data will then be processed, final illustrations will be compiled, and a report will be produced which will detail and synthesise the results.

3.1.7 Selection Strategy

As defined in Standard and guidance for the creation, compilation, transfer and deposition of archaeological archives (Chartered Institute for Archaeologists, 2020) section 3.3.1, a project specific selection strategy and data management plan should be prepared. In support of this, the Chartered Institute for Archaeologist (CIfA), have stated that it is "widely accepted that not all the records and materials collected or created during the course of an Archaeological Project require preservation in perpetuity. These records and materials constitute the Working Project Archive which will be subject to Selection, in order to establish what will be retained for long-term curation". The aim of selection is to ensure that all the elements retained from the Working Project Archive for inclusion in the Archaeological Archive are appropriate to establish the significance of the project and support "future research, outreach, engagement, display and learning activities". Selection should be "focused on selecting what is to be retained to support these future needs, rather than deciding what can be dispersed" and can be qualified by a selection strategy, which details the project-specific selection process, agreed by all parties (including the Senior Heneb: Gwynedd Development Control Archaeologist, client and/or landowner), which will be applied to a Working Project Archive prior to its transfer into curatorial care as the Archaeological Archive.

The selection strategy is summarised in Appendix III and will be finalised in the mitigation report; the strategy will take into account:

- The aims and objectives of the project.
- The brief and/or Written Scheme of Investigation (WSI)).
- The Collecting Institution's collection policy and/or deposition guidelines.
- Regional & relevant thematic or period specific research frameworks.
- The projects Data Management Plan (DMP).
- Internal recording and reporting policies.
- Material-specific guidance documents.

3.1.8 Reporting

A draft report will be submitted within one month of fieldwork completion and a final report will be submitted to the regional Historic Environment Record within six months of project completion. The report will include the following:

The project report will include the following:

1. Front cover;
2. Inner cover;
3. Figures and Plates List;
4. Non-technical summary (Welsh/English);
5. Introduction;
6. Methodology;
7. Results;
8. Conclusion
9. Bibliography;
10. Figures; inc.:
    - location plan;
    - sections and plans of recorded archaeological activity (if applicable)
11. Plates; inc.
    - Illustrative examples from the Watching Brief
12. Appendix I (approved specification);
13. Appendix II (Photographic metadata);
14. Appendix III (Selection Strategy and Digital Management Plan – Final Versions)
15. Back cover.

3.1.9 Data Management Plan

The physical archive will be stored in a designated project folder and the location confirmed in the Heneb project database; the digital dataset will be stored on a dedicated Heneb server, with the location confirmed in the Heneb project database via a specific hyperlink. External datasets for the HER and RCAHMW are as defined in the dissemination strategy below. De-selected digital data will be confirmed in a supplementary Selection Strategy document appended to the final report.

On final approval, the following dissemination and archiving of the report and digital dataset will apply:

- A digital report(s) will be provided to the client and Heneb: Planning Services Archaeologist (draft report then final report);
- A digital report will be provided to the regional Historic Environment Record, along with a digital dataset comprising an Event PRN summary. The report and dataset will be submitted in accordance with the required standards set out in *Guidance for the Submission of Data to the Welsh Historic Environment Records (HERs)* (Version 2); and
- A digital report and digital archive dataset will be provided to Royal Commission on Ancient and Historic Monuments, Wales (final report only), in accordance with the *RCAHMW Guidelines for Digital Archives Version 1*. The dataset will be prepared in the format required by RCAHMW and will include:
    - Photographic metadata (Microsoft Access);
    - Photographic archive (TIFF format);
    - Project Information form (Excel);
    - File Information form (Excel) – Microsoft Word report text final;
    - File Information form (Excel) – Photographic metadata (general);
    - File Information form (Excel) – Adobe PDF report final; and
    - File Information form (Excel) - Photographic metadata (detail).

4 PERSONNEL

The project will be managed by John Roberts, Heneb Field Services: Head of Archaeology and undertaken by a Project Archaeologist. The Project Archaeologist will be responsible for all field management duties, including Heneb: Planning Services Development Control Archaeologist liaison, client liaison, coordination and delegation of tasks. The Project Archaeologist will also be responsible for the completion of all on site pro-formas and the fieldwork archive itemised in para. 3, as well as for submitting a draft final report (or interim report) for project manager review and approval. The report will then be submitted as per the arrangements defined in para 3.2.6.

5 HEALTH AND SAFETY

A site-specific risk assessment will be prepared and will be reviewed by the Heneb: Field Services Project Archaeologist in advance of works, with any additional risks identified on site highlighted in the dynamic risks section and appropriate mitigation undertaken. The Heneb: Field Services attendee will require personal safety equipment, including high visibility Flame retardant overalls, High vis, steel toe-capped boots, gloves, eye protection and safety helmet. All site work will be managed and undertaken in accordance with the Heneb: Field Services Health & Safety Policy.

6 SOCIAL MEDIA

One of the key aims in Heneb's 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, Heneb maintains an active social media presence and seeks all opportunities to promote our projects and results. With permission, Heneb: Field Services 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.

7 INSURANCE

7.1 Public/Products Liability

Insurer - Ecclesiastical Insurance Office Plc.

Policy Type - Public Liability

Limit of Indemnity - £10,000,000 any one occurrence and in the aggregate in respect of Product Liability

Policy Number - UN/001900

Expiry Date - 31/03/2025

7.2 Employers Liability

Insurer - Ecclesiastical Insurance Office Plc.

Policy Type - Employers Liability

Limit Of Indemnity - £10,000,000 Any One Occurrence.

Policy Number - UN/001900

Expiry Date - 31/03/2025

7.3 Professional Indemnity

Insurer - AXA Insurance UK Plc

Policy Type - Professional Indemnity

Limit Of Indemnity - £5,000,000 any one claim.

Policy Number – TG0397

Expiry Date - 31/03/2025

8 SOURCES CONSULTED

1. Chartered Institute for Archaeologists, 2020, *Standard and Guidance for the Archaeological Investigation and Recording of Standing Buildings or Structures*;
2. Chartered Institute for Archaeologists, 2020, Standard and Guidance for Archaeological Watching Brief;
3. Chartered Institute for Archaeologists, 2020, *Standard and guidance for the collection, documentation, conservation and research of archaeological materials*;
4. Chartered Institute for Archaeologists, 2023, *Universal Guidance for archaeological monitoring & recording*;
5. English Heritage, 1991, *Management of Archaeological Projects (MAP2)*;
6. Historic England, 2015, *Management of Research Projects in the Historic Environment* (MoRPHE);
7. Historic England, 2016. *Understanding Historic Buildings: A Guide to Good Recording Practice*;
8. Jones, B. 2017. *Penrhyn Castle Renewable Heating Scheme: Assessment of Potential for Analysis*: MAP2 Phase 3;
9. Royal Commission on Ancient and Historic Monuments of Wales, 2015, *Guidelines for digital archives*;
10. The Welsh Archaeological Trusts, 2024. *Guidance for the Submission of Data to the Welsh Historic Environment Records (HERs)* Version 2.
11. Larkins, C. 2024. Penrhos Substation and Cable Route, Anglesey, Gwynedd, Historic Environment Desk-based Assessment

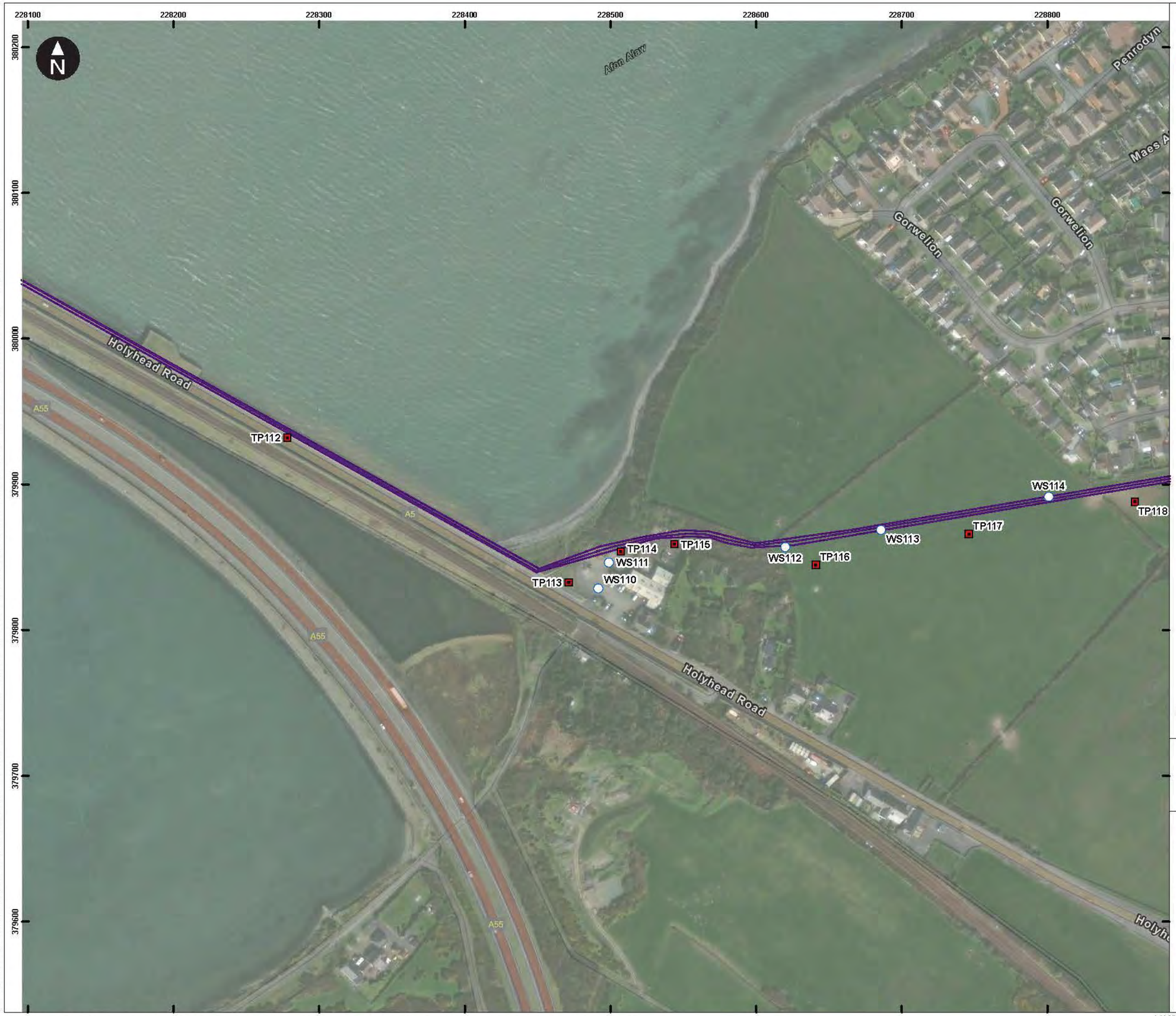
FIGURE 01

Reproduction of TEP Historic Environment Desk-based Assessment report Figure 01 - site location plan.

Figure; 01, Reproduction of clients site location plan.

FIGURE 02

Reproduction of National Grid drawing showing cable route and test pits 113-118 locations. Scale 1:2,500@A3



Key

- Cable route
- Substation
- Borehole
- Trial Pit
- Window Sample

0 25 50 75 100 125 m

Scale at A3: 1:2,500

World Imagery: Maxar, Microsoft
Hybrid Reference Layer: Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, Foursquare, GeoTechnologies, Inc, METI/ NASA, USGS

Client

Penrhos 132kV Cable Replacement & Substation

Figure 5
Exploratory hole location plan – cable route

Page 3 of 4

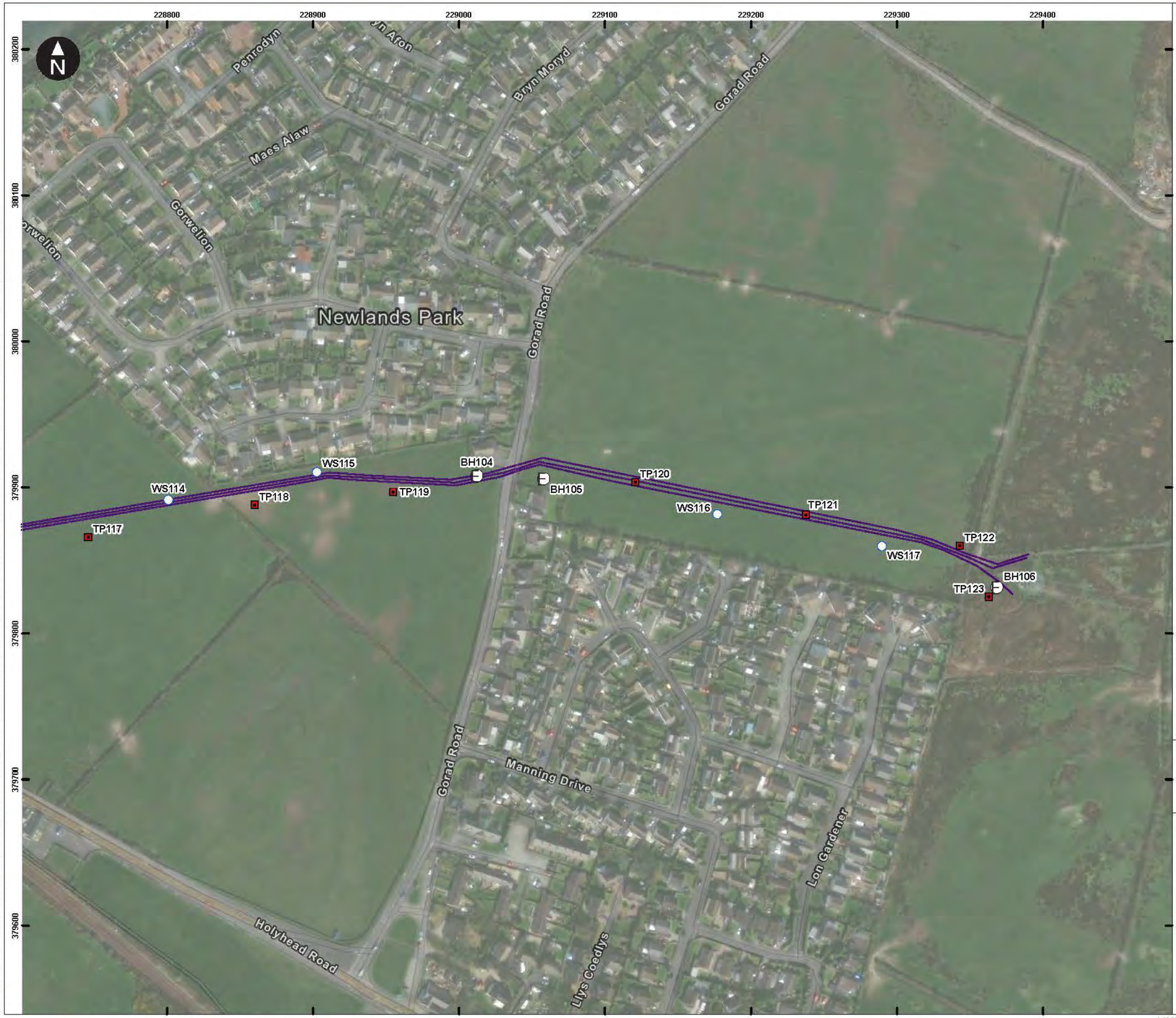
March 2025

\\corp\global\GB\Projects\UK0028xxx\UK0028112.4883 - National Grid Penrhos - Ground Investigation\03 WIP\Drawings\GIS\UK0028112.4883 -WSPE-FG-OC-00010_P01.2.aprx Originator: UKVLS775

Figure: 02. Reproduction of National Grid drawing showing Cable route and Trial pit locations.

FIGURE 03

Reproduction of National Grid drawing, showing cable route and test pits 117-123 Scale: 1:2,500@A3



Key

- Cable route
- Substation
- Borehole
- Trial Pit
- Window Sample

0 25 50 75 100 125 m

Scale at A3: 1:2,500

World Imagery: Maxar, Microsoft
Hybrid Reference Layer: Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, Foursquare, GeoTechnologies, Inc, METI/ NASA, USGS

Client

Penrhos 132kV Cable Replacement & Substation

Figure 5
Exploratory hole location plan – cable route

March 2025

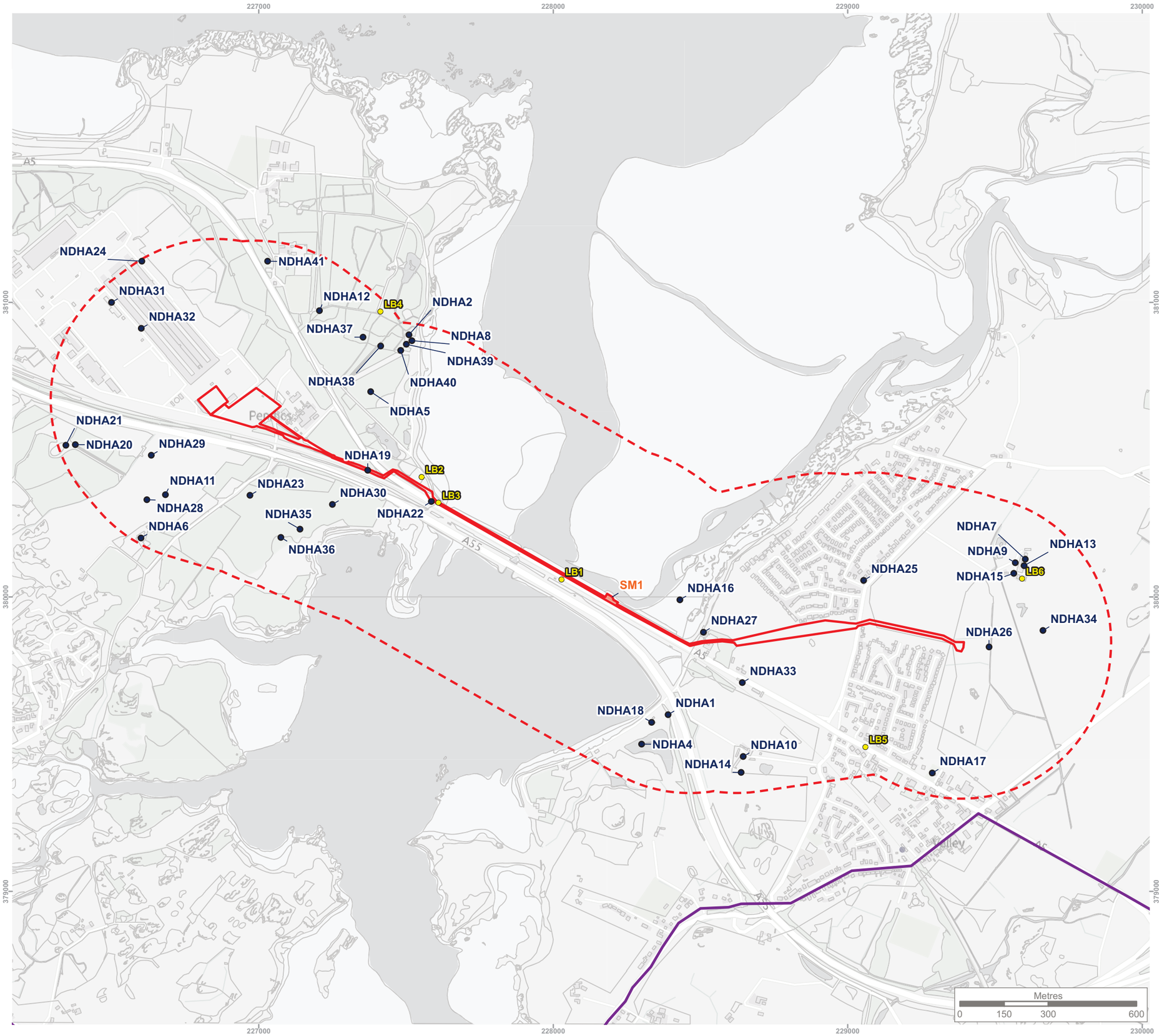
UK0028112.4883 -WSPE-FG-OC-00010_P01.2.aprx

\\corp\global\GB\Projects\UK0028xxx\UK0028112.4883 - National Grid Penrhos - Ground Investigation\03 WIP\Drawings\GIS\UK0028112.4883 -WSPE-FG-OC-00010_P01.2.aprx Originator: UKVLS775

Figure: 03. Reproduction of National Grid drawing showing Cable route and Trial pit locations.

FIGURE 04

Reproduction of TEP Historic Environment Desk-based Assessment report- Location of known historic assets, Drawing no: G10432.01.007, Scale 1:1300@A3



KEY

- Site boundary

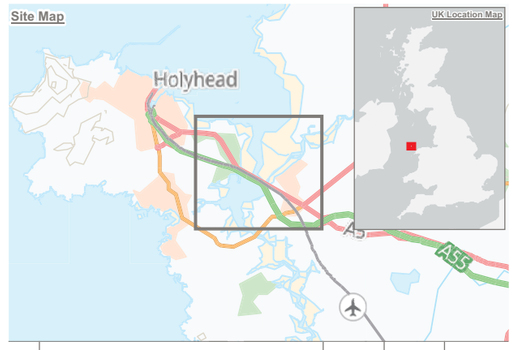
Designated Historic Assets

- Scheduled Monument
- Grade II Listed Building

Non-Designated Historic Assets

- NDHA Point
- Roman Road

Site Map



Rev	Description	Drawn	Approved	Date

TEP | THE ENVIRONMENT PARTNERSHIP
The Reynard Suite - First Floor Offices,
Bowden Inn Farm, Market Harborough, LE16 7SA
Tel 01858 353120 e-mail tep@tep.uk.com www.tep.uk.com

Project
Penrhos Substation

Title
Location of Known Historic Assets

Drawing Number
G10432.01.007

Drawn	Checked	Approved	Scale	Date
MK	BJ	CL	1:13,000 @ A3	28/08/2024

APPENDIX I

Heneb Field Services Watching Brief Pro-Forma

Archaeoleg Gwynedd
Heneb
Gwynedd Archaeology

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 II

Heneb Field Services Photographic Metadata Pro-Forma

Archaeoleg Gwynedd
Heneb
Gwynedd Archaeology

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.

Project Name:			Project Number:				
Photo No.	**Sub - Division**	**Description**	**Contexts**	**Scales**	**View From**	**Initials**	**Date**

APPENDIX III

Heneb Field Services Selection Strategy v1.0.

HD24-088_ Penrhos
19/03/2025 v1.0
Selection Strategy

Project Information

Project Management

Project Manager	John Roberts john.roberts @heneb.co.uk
Archaeological Archive Manager	John Roberts john.roberts @heneb.co.uk
Organisation	Heneb: Gwynedd Archaeology

Stakeholders		**Date Contacted**
Collecting Institution(s)	Gwynedd Historic Environment Record	18/03/2025
	RCAHMW	On completion of Project Archive
	N/A	If applicable, post-fieldwork based on artefact recovery
Project Lead / Project Assurance	Heneb: Planning Services	tbc
Landowner / Developer	*WSP UK Limited*	n/a

Resources

Resources required Describe the resources required to implement this Selection Strategy, particularly if unusual resources are required.	No unusual resources required outside of GA normal operating equipment and personnel.

Context

The full aims and objectives of the project is detailed in the project specific WSI.

Heneb: Gwynedd Archaeology (Field Services) has been commissioned by *WSP UK Limited* to carry out an archaeological watching brief during ground works ahead of construction of an electrical sub-station and cable route at Penrhos Substation located at Holyhead, Anglesey, Gwynedd, LL65 2UX (centred on NGR: SH 27946 80110; Figure 01).

The works are being carried out to widen the existing cable trench by approximately 1m. The works consist of the excavation of 8 trial pits (Tp 116 – Tp 123) excavated to an approximate depth of 1.7m, with a maximum width and length of 0.6m and 3.0m. this is to ascertain if there are any archaeological features within the immediate vicinity of the proposed works.

The watching brief is expected to take 4 days and is scheduled to take place between Thursday the 3rd of April 2025 and Thursday the 10th of April 2025. All work will be planned, managed and undertaken by Heneb: Field Services.

Source: Heneb: Field Services 2025. Penrhos (HD24-088) Written Scheme of Investigation for Archaeological Watching Brief. March 2025. Project HD24-088.

1 – Digital Data

Stakeholders

John Roberts (Heneb: Head of Archaeology);
Sean Deby (Heneb: Gwynedd Historic Environment Record (HER))
Helen Rowe (Senior Archivist), Royal Commission on Ancient and Historical Monuments of Wales.

Selection

All digital data will be collected, stored and selected in lines with the Heneb: Gwynedd Archaeology Data Management Plan located on Gwynedd Archaeologies servers (available on request).

Following the completion of the fieldwork, a working project archive will be created 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;
5. Plans: all cross referenced and complete;
6. Context register: quantified and register completed.

All relevant site archive data will be added to a digital project register specific to this project, which will be prepared in *Microsoft Excel.* This data will be used as the basis for the physical and digital dataset archives. Information from these will be used to compile the project report. The physical archive will be stored in a designated project folder and the location confirmed in the Henebs project database; the digital dataset will be stored on a dedicated Heneb server, with the location confirmed in Henebs project database via a specific hyperlink. External datasets for the HER and RCAHMW are defined in the dissemination strategy below. De-selected digital data will be confirmed in an updated digital management plan appended to the final report

2 – Documents

Stakeholders

John Roberts (Heneb: Head of Archaeology);

Sean Deby (Heneb: Gwynedd Historic Environment Record (HER))

Helen Rowe (Senior Archivist), Royal Commission on Ancient and Historical Monuments of Wales.

Selection

- A digital report will be provided to the regional Historic Environment Record; this will be submitted within six months of project completion (final report only), along with a digital dataset comprising an Event PRN summary. The report and dataset will be submitted in accordance with the required standards set out in *Guidance for the Submission of Data to the Welsh Historic Environment Records (HERs)* (Version 2); and
- A digital report and digital archive dataset will be provided to Royal Commission on Ancient and Historic Monuments, Wales (final report only), in accordance with the *RCAHMW Guidelines for Digital Archives Version 1*. The dataset will be prepared in the format required by RCAHMW and included:
    - Photographic metadata (Microsoft Access);
    - Photographic archive (TIFF format);
    - Project Information form (Excel);
    - File Information form (Excel) – Microsoft Word report text final;
    - File Information form (Excel) – Photographic metadata (general);
    - File Information form (Excel) – Adobe PDF report final; and
    - File Information form (Excel) - Photographic metadata (detail).

De-Selected Documents

Describe the procedure for dealing with De-selected material and what specialist advice has informed this procedure.

This will be confirmed in the finalised selection strategy at project end

APPENDIX II

Heneb: Gwynedd Archaeology Photographic Metadata.

ARCHIVE REFERENCE	SITE SUB-DIVISION	DESCRIPTION*	VIEW FROM	SCALE(S)	CREATOR	DATE	PLATE
E49206_001	TP 121	Pre-ex shot of trial 121	N	1x1m	Jessie Baumgardner	03/04/2025	1
E49206_002	TP 121	Pre-ex shot of trial 121 in context of field	WSW	not used	Jessie Baumgardner	03/04/2025	2
E49206_003	TP 121	Mid-ex shot of TP 121	N	1x1m	Jessie Baumgardner	03/04/2025	3
E49206_004	TP 121	Section view of TP 121	E	1x1m	Jessie Baumgardner	03/04/2025	4
E49206_005	TP 121	Section view of TP 121	W	1x1m	Jessie Baumgardner	03/04/2025	5
E49206_006	TP 121	Close-up view of TP 121 dug to natural level	N	not used	Jessie Baumgardner	03/04/2025	6
E49206_007	TP 120	Pre shot of TP 120	S	1x1m	Jessie Baumgardner	04/04/2025	7
E49206_008	TP 120	Mid-ex shot of TP 120 dug down to natural level	E	1x1m	Jessie Baumgardner	04/04/2025	8
E49206_009	TP 120	Section view of TP 120	N	1x1m	Jessie Baumgardner	04/04/2025	9
E49206_010	TP 120	Post-ex shot of TP 120	E	1x1m	Jessie Baumgardner	04/04/2025	10
E49206_011	TP 120	TP 120 Backfilled	E	1x1m	Jessie Baumgardner	04/04/2025	11
E49206_012	TP 121	TP 121 Backfilled	N	1x1m	Jessie Baumgardner	04/04/2025	12
E49206_013	TP122	Pre-ex shot of TP 122	E	1x1m	Jessie Baumgardner	04/04/2025	13
E49206_014	TP122	Mid-ex shot of TP 122 dug down to natural level	E	1x1m	Jessie Baumgardner	04/04/2025	14
E49206_015	TP122	Context view of TP 122	N	not used	Jessie Baumgardner	04/04/2025	15
E49206_016	TP122	Context view of TP 122 with TP 121 and TP 120 in background	E	not used	Jessie Baumgardner	04/04/2025	16
E49206_017	TP122	Section view of TP 122	N	1x1m	Jessie Baumgardner	04/04/2025	17
E49206_018	TP122	Mid-ex view of TP122 dug beyond the natural	E	1x1m	Jessie Baumgardner	04/04/2025	18
E49206_019	TP122	Post-ex view of TP 122 backfilled	E	1x1m	Jessie Baumgardner	04/04/2025	19
E49206_020	TP 123	Pre -ex shot of TP 123	SE	1x1m	Jessie Baumgardner	04/04/2025	20
E49206_021	TP 123	Mid-ex shot of TP 123	SE	1x1m	Jessie Baumgardner	04/04/2025	21

ARCHIVE REFERENCE	SITE SUB-DIVISION	DESCRIPTION*	VIEW FROM	SCALE(S)	CREATOR	DATE	PLATE
E49206_022	TP 123	Mid-ex shot of TP 123	SE	1x1m	Jessie Baumgardner	04/04/2025	22
E49206_023	TP 123	Section view of TP 123 showing peat and alluvial clay layers	NNE	1x1m	Jessie Baumgardner	04/04/2025	23
E49206_024	TP 123	Section view of TP 123 showing peat and alluvial clay layers close-up	NNE	not used	Jessie Baumgardner	04/04/2025	24
E49206_025	TP 123	TP 123 backfilled	SE	1x1m	Jessie Baumgardner	04/04/2025	25
E49206_026	TP 123	Context view of TP 123 in field	SE	not used	Jessie Baumgardner	04/04/2025	26
E49206_027	TP 119	Pre-ex view of TP 119	W	1x1m	Stuart Murphy	10/04/2025	27
E49206_028	TP 119	Mid-ex view of TP 119	W	1x1m	Stuart Murphy	10/04/2025	28
E49206_029	TP 119	Post-ex view of TP 119	W	1x1m	Stuart Murphy	10/04/2025	29
E49206_030	TP 119	Post-ex view of TP 119	W	1x1m	Stuart Murphy	10/04/2025	30
E49206_031	TP 119	View of N facing section of TP 119	N	1x1m	Stuart Murphy	10/04/2025	31
E49206_032	TP 119	TP 119 backfilled	E	1x1m	Stuart Murphy	10/04/2025	32
E49206_033	TP 119	TP 119 location shot	E	1x1m	Stuart Murphy	10/04/2025	33
E49206_034	TP 118	Pre-ex view of TP 118	E	1x1m	Stuart Murphy	10/04/2025	34
E49206_035	TP 118	Mid-ex view of TP 118	E	1x1m	Stuart Murphy	10/04/2025	35
E49206_036	TP 118	Post-ex view of TP 118	E	1x1m	Stuart Murphy	10/04/2025	36
E49206_037	TP 118	View of N facing section of TP 118	N	1x1m	Stuart Murphy	10/04/2025	37
E49206_038	TP 118	TP 118 backfilled	W	1x1m	Stuart Murphy	10/04/2025	38
E49206_039	TP 118	Location shot of TP 118	W	1x1m	Stuart Murphy	10/04/2025	39
E49206_040	TP 116	Pre-ex view of TP 116	W	1x1m	Stuart Murphy	10/04/2025	40
E49206_041	TP 116	Mid-ex view of TP 116	W	1x1m	Stuart Murphy	10/04/2025	41
E49206_042	TP 116	Post-ex view of TP 116	W	1x1m	Stuart Murphy	10/04/2025	42
E49206_043	TP 116	View of N facing section of TP116	N	1x1m	Stuart Murphy	10/04/2025	43
E49206_044	TP 116	TP 116 backfilled	W	1x1m	Stuart Murphy	10/04/2025	44
E49206_045	TP 116	TP 116 backfilled	W	1x1m	Stuart Murphy	10/04/2025	45
E49206_046	TP 117	Pre-ex view of TP 117	W	1x1m	Stuart Murphy	14/04/2025	46

ARCHIVE REFERENCE	SITE SUB-DIVISION	DESCRIPTION*	VIEW FROM	SCALE(S)	CREATOR	DATE	PLATE
E49206_047	TP 117	Location shot of TP 117	W	1x1m	Stuart Murphy	14/04/2025	47
E49206_048	TP 117	Location shot of TP 117	W	1x1m	Stuart Murphy	14/04/2025	48
E49206_049	TP 117	View of N facing section of TP 117	N	1x1m	Stuart Murphy	14/04/2025	49
E49206_050	AR-TP 107	Pre-ex view of TP 107	SE	1x1m	Jessie Baumgardner	29/07/2025	50
E49206_051	AR-TP 107	View of TP 107	SE	1x1m	Jessie Baumgardner	29/07/2025	51
E49206_052	AR-TP 107	View of TP 107 dug to natural	SE	1x1m	Jessie Baumgardner	29/07/2025	52
E49206_053	AR-TP 107	Section view of TP 107	NE	1x1m	Jessie Baumgardner	29/07/2025	53
E49206_054	AR-TP 107	TP 107 backfilled	SE	1x1m	Jessie Baumgardner	29/07/2025	54
E49206_055	AR-TP 107	Context view of TP 107	E	not used	Jessie Baumgardner	29/07/2025	55
E49206_056	AR-TP 108	Pre-ex view of TP 108	SE	1x1m	Jessie Baumgardner	29/07/2025	56
E49206_057	AR-TP 108	View of TP 108	SE	1x1m	Jessie Baumgardner	29/07/2025	57
E49206_058	AR-TP 108	View of TP 108 dug to natural	SE	1x1m	Jessie Baumgardner	29/07/2025	58
E49206_059	AR-TP 108	Section view of TP 108	NE	1x1m	Jessie Baumgardner	29/07/2025	59
E49206_060	AR-TP 108	Context view of TP 108	SSW	not used	Jessie Baumgardner	29/07/2025	60
E49206_061	AR-TP 108	Context view of TP 108 with road and TP 107 in background	ENE	not used	Jessie Baumgardner	29/07/2025	61

APPENDIX III

Heneb: Gwynedd Archaeology Selection Strategy v2.0 Final.

HD24-088_ Penrhos, Ynys Môn
22/04/2025 v2.0
Selection Strategy

Project Information

Project Management

Project Manager	John Roberts john.roberts @heneb.org.uk
Archaeological Archive Manager	John Roberts john.roberts @heneb.org.uk
Organisation	Heneb: Gwynedd Archaeology

Stakeholders		**Date Contacted**
Collecting Institution(s)	Gwynedd Historic Environment Record	18/03/2025
	RCAHMW	On completion of Project Archive
	N/A	If applicable, post-fieldwork based on artefact recovery
Project Lead / Project Assurance	Heneb: Planning Services	tbc
Landowner / Developer	*WSP UK Limited*	n/a

Resources

Resources required Describe the resources required to implement this Selection Strategy, particularly if unusual resources are required.	No unusual resources required outside of GA normal operating equipment and personnel.

Context

Heneb: Gwynedd Archaeology (Field Services) was commissioned by WSP UK Limited to carry out an archaeological watching brief during ground investigation works ahead of construction of a proposed electrical sub-station and cable route at Penrhos Substation located at Holyhead, Anglesey, Gwynedd, LL65 2UX (centred on NGR: SH 27946 80110; (Figure 01).

The proposed substation covers an area of 2 hectares, and the proposed cable route is approximately 2.6 km in length. The site is currently not in use and is bounded to the north by Penrhos Coastal Park, to the northwest by the site of the Anglesey Aluminium Works, to the south by the A5 and A55 roads, and to the east by woodland. The cable route is proposed to run from the substation southeast along the A5, across Beddmanarch Bay, then northeast through agricultural fields before terminating at a pylon.

The monitored ground investigation works were located along the proposed cable route which included eight geotechnical trial pits (TP 116 to TP 123) with an additional two excavated at a later date (AR-TP107 to AR-TP108); these were excavated to an approximate depth of 1.7m, with a maximum width and length of 0.6m and 3.0m (Figure 02 and 03).

The watching brief was monitored by Heneb Planning Service in accordance with an approved written scheme of investigation (Appendix I). In line with the regional Historic Environment Record (HER) requirements, the HER was contacted at the onset of the project to ensure that any data arising was formatted in a manner suitable for accession; the HER Event Primary Reference Number for this project is 49206.

The watching brief was undertaken between the 3rd and 14th of April 2025 and 29th of July 2025.

Source: Heneb: Gwynedd Archaeology. 1821. Penrhos, Holyhead: Archaeological Watching Brief (HD24-088). March 2025. Project HD24-088.

1 – Digital Data

Stakeholders

John Roberts (Heneb: Head of Archaeology);

Sean Deby (Heneb: Gwynedd Historic Environment Record (HER))

Helen Rowe (Senior Archivist), Royal Commission on Ancient and Historical Monuments of Wales.

Selection

All digital data will be collected, stored and selected in lines with the Heneb: Gwynedd Archaeology (GA) Data Management Plan located on GA's servers (available on request).

The final version of all born digital documents have been selected for inclusion in the Preserved Archive; these comprise:

- HD24-088_Penrhos_Written_Scheme_of_Investigation (Microsoft Word and Adobe PDF);
- HD24-088_Photographic_Metadata (Microsoft Access);
- Heneb Gwynedd Archaeology Report_1821 (Microsoft Word and Adobe PDF);
- Photographic archive (61 images in TIFF format);
- Photographic archive (61 images in RAW format);
- Photographic archive (61 images in JPEG format);

A digital archive dataset has been created for the Royal Commission on Ancient and Historic Monuments Wales, in accordance with the *RCAHMW Guidelines for Digital Archives Version 1*. The dataset has been prepared in the format required by RCAHMW and comprise:

- Photographic metadata (Microsoft Access);
- Photographic archive (TIFF format);
- Project Information form (Excel);
- File Information form (Excel) – Microsoft Word report text final;
- File Information form (Excel) – Photographic metadata (general);
- File Information form (Excel) – Adobe PDF report final; and
- File Information form (Excel) - Photographic metadata (detail).
-

The digital archive has been stored on a dedicated Heneb server, with the location confirmed in the Heneb project database via a specific hyperlink.

De-Selected Digital Data

The following client data will not form part of the preserved archive and have been deselected:

- HD24-088 Figure 01 Client produced location plan
- HD24-088 Figure 02 client produced plans of Test pit locations
- HD24-088 Figure 03 client produced plans of Test pit locations

The following Heneb data generated for the report will not form part of the preserved archive and have been deselected:

- HD24-088_combined_figures.pdf
- HD24-088_combined_plates.pdf
- HD24-088_Figures_and_Plates_List.docx
- HD24-088_Appendix_I.pdf
- HD24-088_Appendix_II.docx
- HD24-088_Appendix_III.pdf
- HD24-088_front_cover.pdf
- HD24-088_inner_cover.pdf
- HD24-088_rear_cover.pdf
- Plates 01-02.pdf
- Plates 03-04.pdf
- Plates 05-06.pdf
- Plates 07-08.pdf
- Plates 09-10.pdf
- Plates 11-12.pdf
- Plates 13-14.pdf
- Plates 15-16.pdf
- Plates 17-18.pdf
- Plates 19-20.pdf
- Plates 21-22.pdf
- Plates 23-24.pdf
- Plates 25-26.pdf
- Plates 27-28.pdf
- Plates 29-30.pdf
- Plates 31-32.pdf
- Plates 33-34.pdf
- Plates 35-36.pdf
- Plates 37-38.pdf
- Plates 39-40.pdf
- Plates 41-42.pdf
- Plates 43-44.pdf
- Plates 45-46.pdf
- Plates 47-48.pdf
- Plates 49-50.pdf
- Plates 51-52.pdf
- Plates 53-54.pdf
- Plates 55-56.pdf
- Plates 57-58.pdf
- Plates 59-60.pdf
- Plate 61.pdf

Amendments

No amendments to the above selection strategy have been made.

Date	Amendment	Rationale	Stakeholders

2 – Documents

Stakeholders

John Roberts (Heneb: Head of Archaeology);

Sean Deby (Heneb: Gwynedd Historic Environment Record (HER))

Helen Rowe (Senior Archivist), Royal Commission on Ancient and Historical Monuments of Wales.

Gareth Edwards, Head of Knowledge and Understanding, RCAHMW

Selection

- A digital report will be provided to Gwynedd Historic Environment Record; this will be submitted within six months of project completion (final report only), along with a digital dataset comprising an Event PRN summary. The report and dataset will be submitted in accordance with the required standards set out in *Guidance for the Submission of Data to the Welsh Historic Environment Records (HERs)* (Version 4.1); and
- A digital report and digital archive dataset will be provided to Royal Commission on Ancient and Historic Monuments, Wales (final report only), in accordance with the *RCAHMW Guidelines for Digital Archives Version 1*.

The dataset will be prepared in the format required by RCAHMW, and where relevant, include:

- Photographic metadata (Microsoft Access);
- Project Information form (Excel);
- File Information form (Excel) – Microsoft Word report text final; and
- File Information form (Excel) – Adobe PDF report final.
- File Information form (Excel) – Microsoft Word report text final;
- File Information form (Excel) – Photographic metadata (general);
- File Information form (Excel) – Adobe PDF report final; and
- File Information form (Excel) - Photographic metadata (detail).

Following the completion of the fieldwork, all documentary material created, generated and/or annotated during data gathering and fieldwork has been selected for inclusion in the preserved archive, and comprises:

- HD24-088 Watching Brief record sheets x 6
- HD24-088 photographic register sheets x 5

The physical archive has been stored in a designated project folder and the location confirmed in the Heneb project database.

De-Selected Documents

Describe the procedure for dealing with De-selected material and what specialist advice has informed this procedure.

No documents have been de-selected.

Archaeoleg Gwynedd
Heneb
Gwynedd Archaeology

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