



PONTYATES TO BANCYFELIN GAS PIPELINE ROUTE

01/10/2000

ARCHAEOLOGICAL ASSESSMENT II

OCTOBER 2000



Project Record No. 40762

Report Prepared for:

RSK Environment Limited



A R C H A E O L O G

CAMBRIA

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CAMBRIA ARCHAEOLOGY

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By

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1.0 INTRODUCTION

1.1 Development proposals and brief

Archaeoleg CAMBRIA Archaeology were invited by RSK Environment Limited, on behalf of Transco, to tender for an archaeological assessment of a proposed gas pipeline route between Pontyates and Bancyfelin, Carmarthenshire. The tender was successful and *CAMBRIA* were awarded this contract on 27th April 2000. A report on this assessment was produced in June 2000. The proposed route was subsequently modified and *CAMBRIA* again were invited by RSK Environment Limited, to tender for an archaeological assessment. *CAMBRIA* were awarded this second contract on 21st September 2000.

1.2 Abbreviations and preferred spellings

Sites recorded on the regional county Sites and Monuments Record (SMR) will be identified by their Primary Record Number (PRN) and located by their National Grid Reference (NGR). Any new sites discovered during the course of the project will be allocated a new PRN and identified by their NGR. Pontiets is the preferred spelling recognised by the SMR data-base and is used in the gazetteer data base in this report, rather than "Pontyates" which is used in the text as requested by the client.

1.3 Project objectives

- 1.3.1 to assess the character, extent, significance and vulnerability of the archaeological resource within the project area, namely a 100m wide corridor along the midline of the proposed pipeline route
- 1.3.2 to identify new archaeological sites, features and deposits within the project area, and to assess their character, significance and vulnerability
- 1.3.3 to identify sites, features and deposits that require further archaeological investigation to fully assess their character, extent, significance and vulnerability
- 1.3.4 the preparation of a report fully representative of the information recovered during 1.3.1 - 1.3.3, which places the archaeological resource of the project area within its local, regional and national contexts
- 1.3.5 the preparation of a project archive

1.4 Project methodology

- 1.4.1 a search of the County Sites and Monuments Record and the National Monuments Record for information of known sites within and around the project area
- 1.4.2 a search of cartographic sources held in national and county records offices and other repositories for archaeological information
- 1.4.3 a search of primary historic documents held in national and county records offices and other repositories
- 1.4.4 a search of secondary, published sources
- 1.4.5 the examination of relevant aerial photographic coverage
- 1.4.6 a field visit to review the current state of archaeological sites, features and deposits identified during the searches, to identify new archaeological sites, features and deposits or areas that may contain them, to undertake rapid recording of archaeological sites, features and deposits by photography, site notes and sketch plans, and to assess their vulnerability.

1.5 Categorisation of archaeological sites and features

All sites and features identified within this report have been allocated a category. The allocation of a site to a category defines the archaeological importance of that site. The categories are listed below.

Category A - Sites of national importance

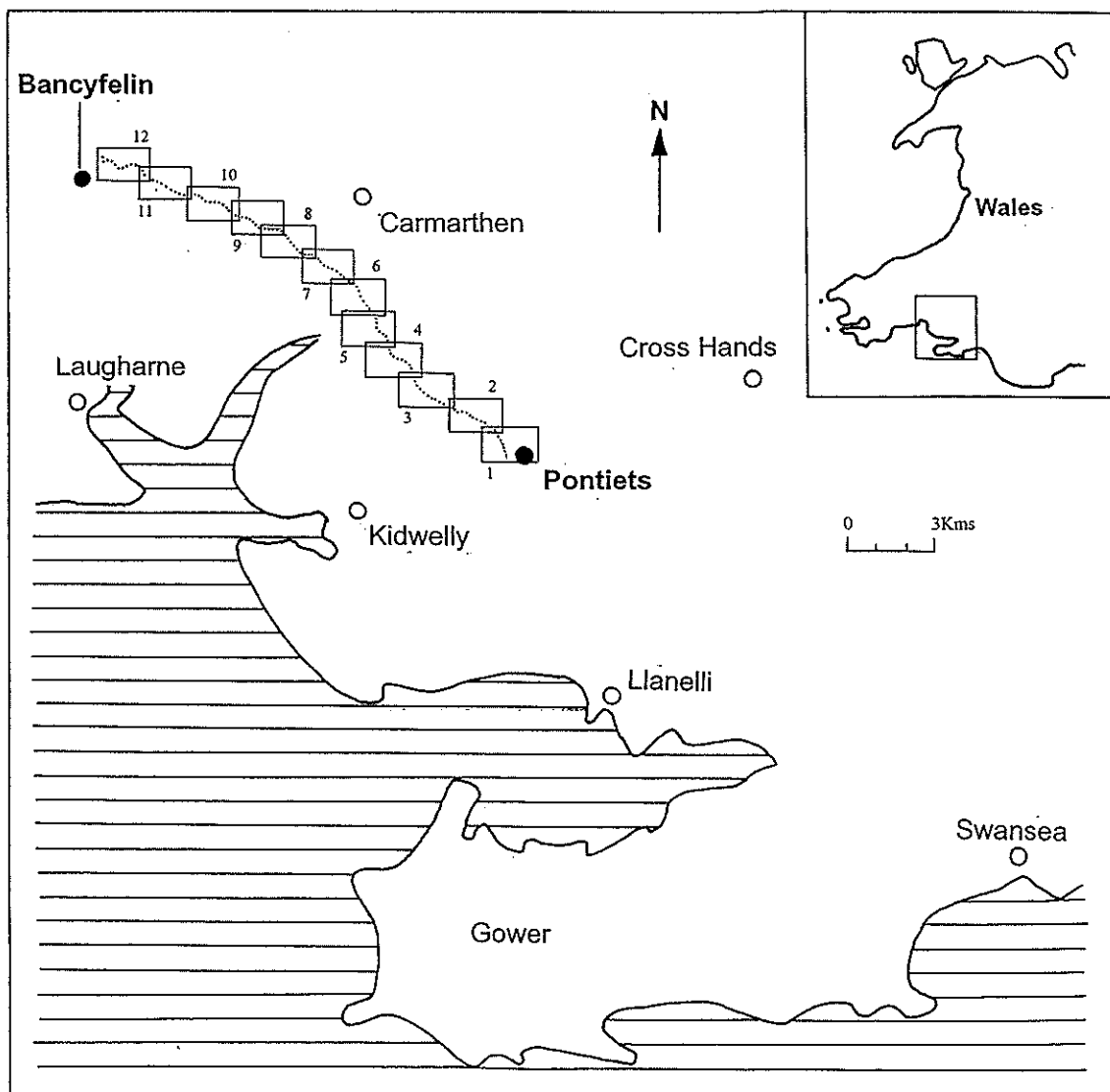
Category B - Sites of regional or county importance

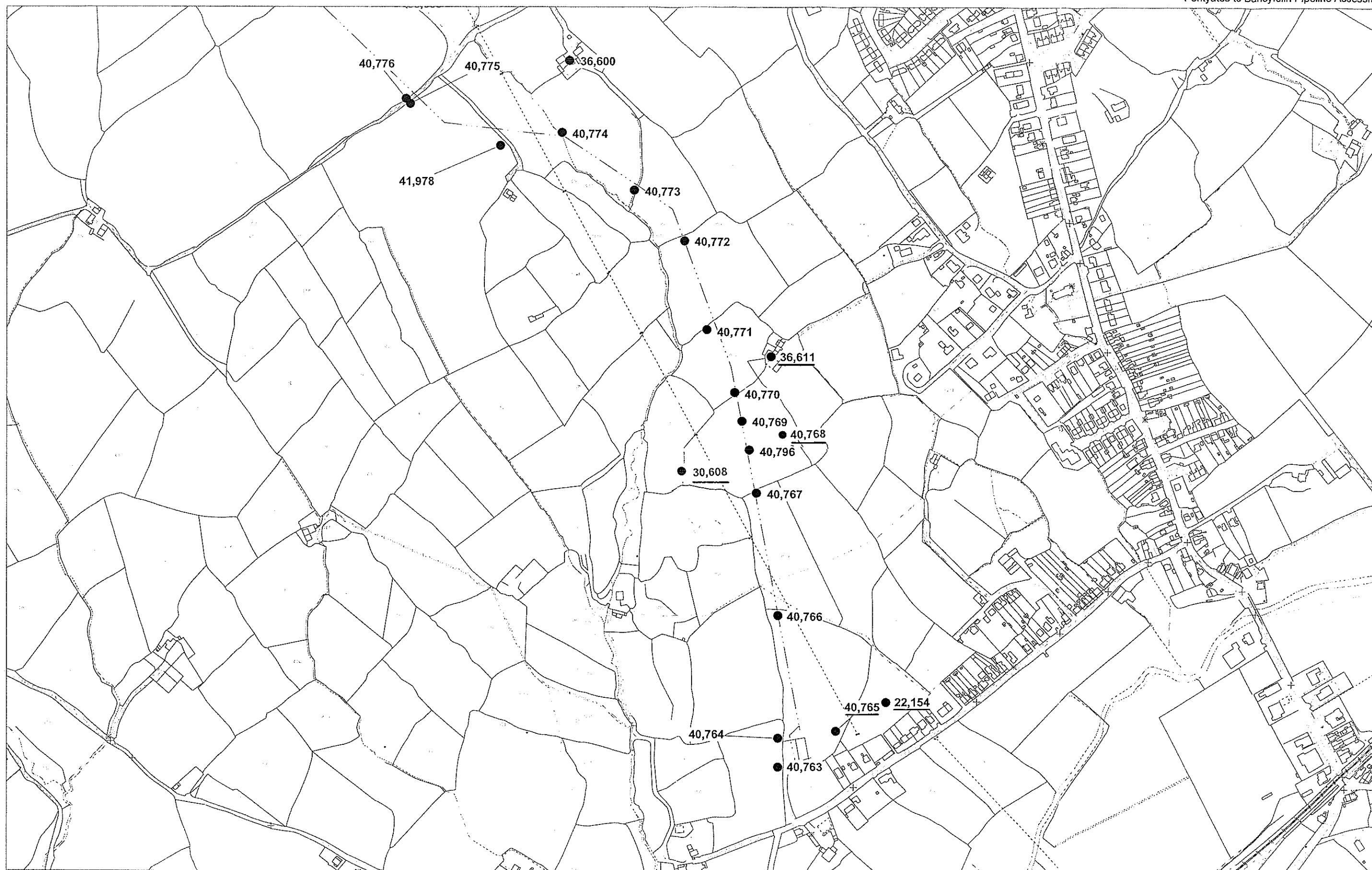
Category C - Sites of district or local importance

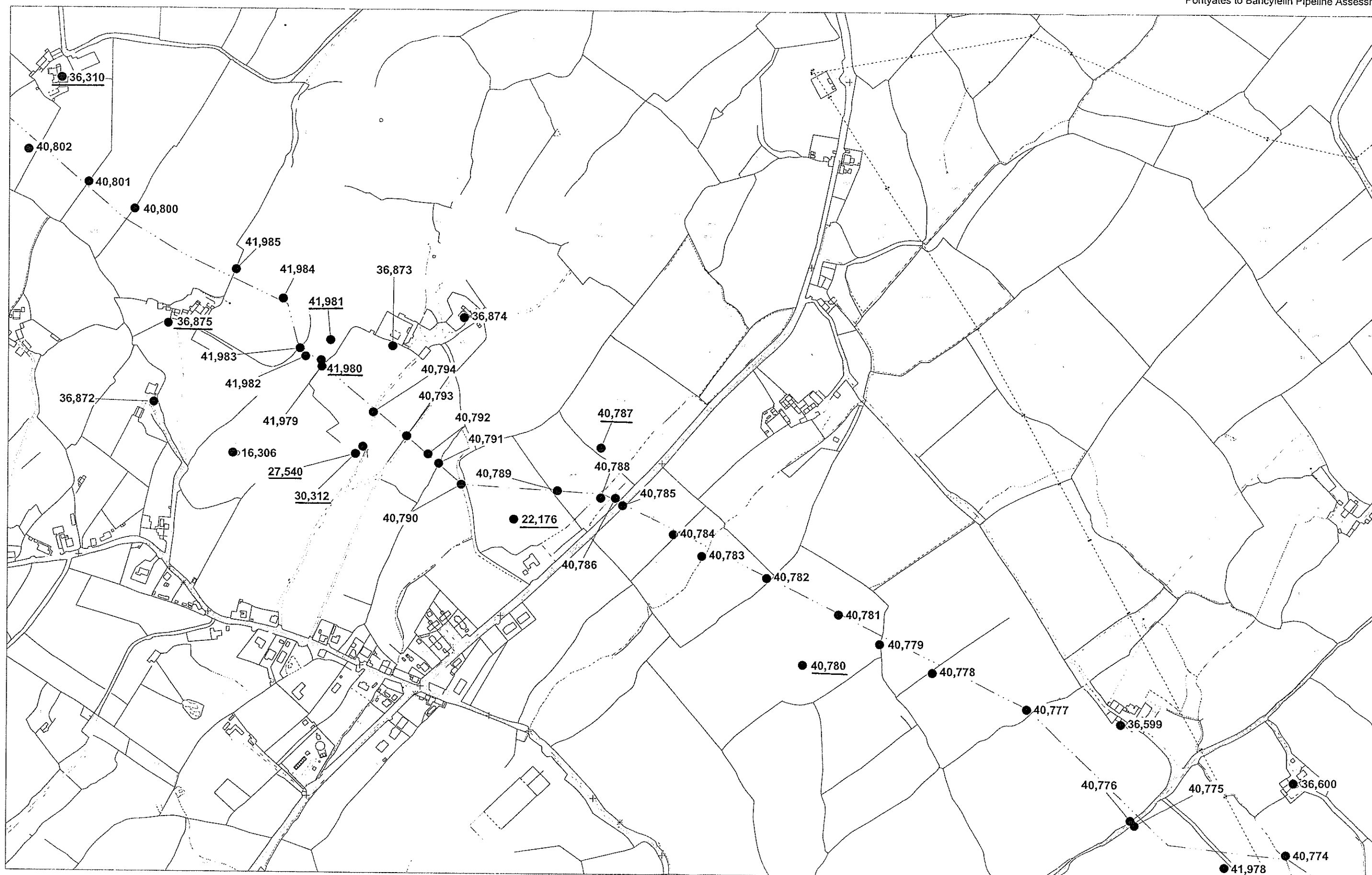
Category D - Minor or damaged sites

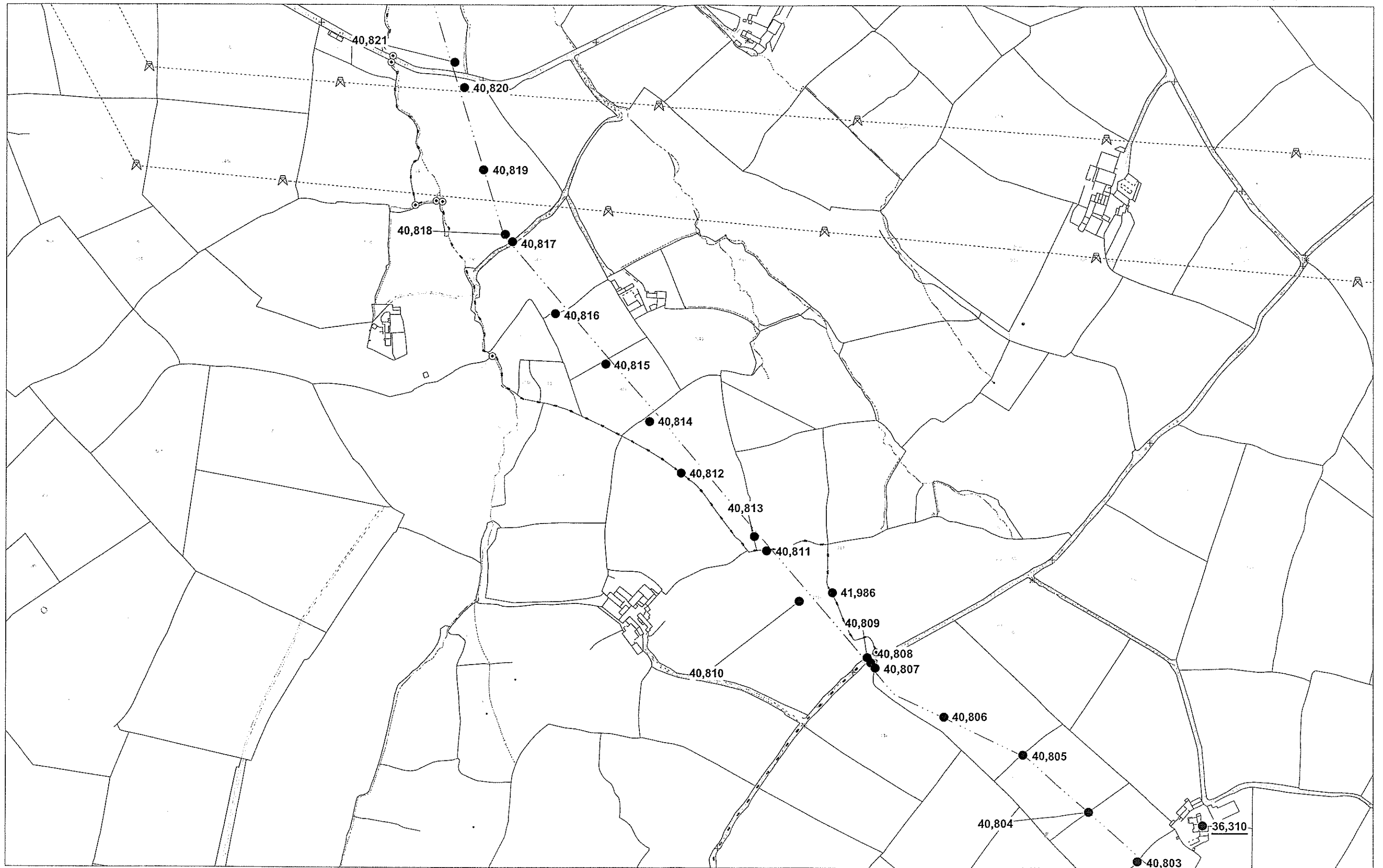
Category E - Sites needing further investigation

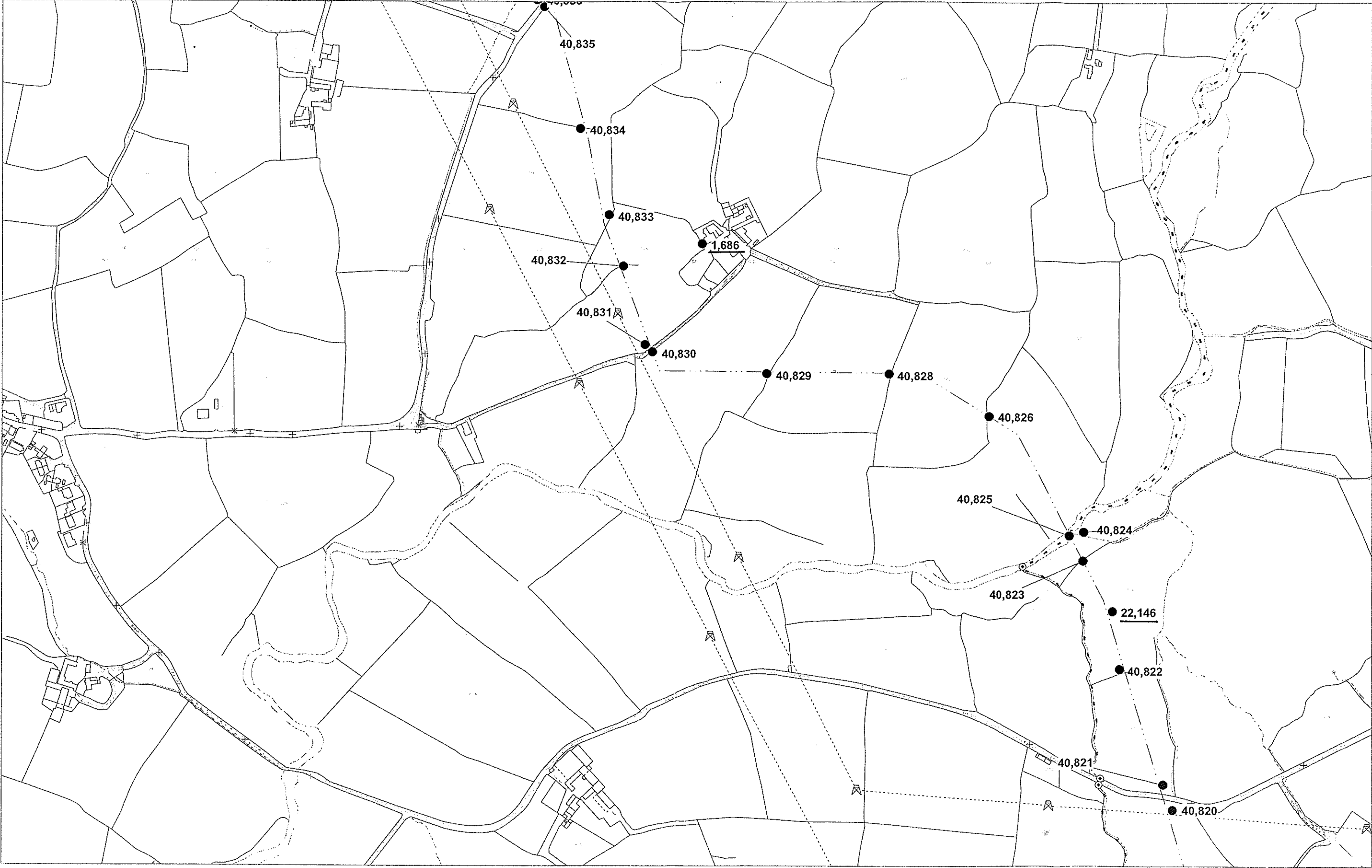
Fig. 1: The project area - location map

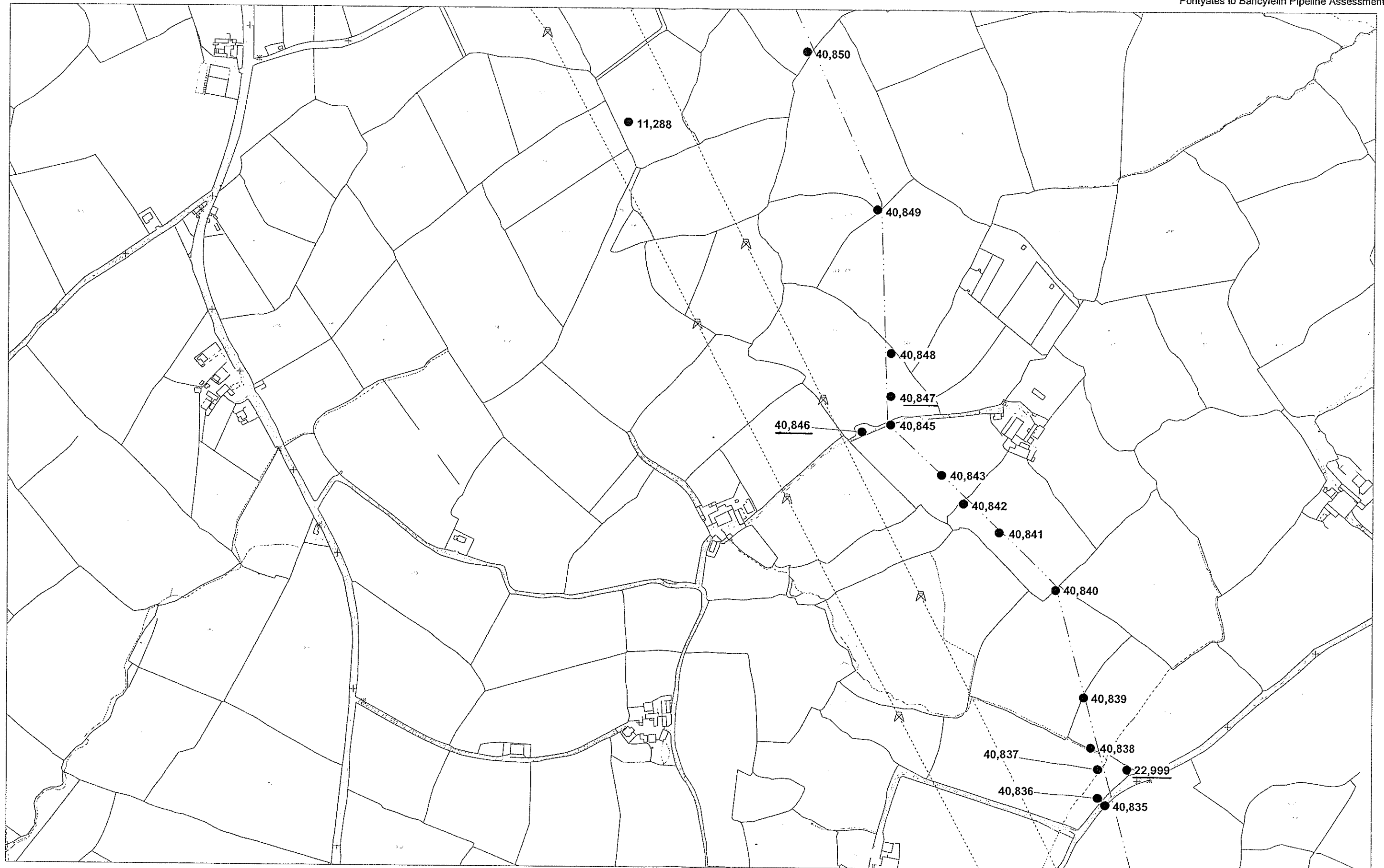


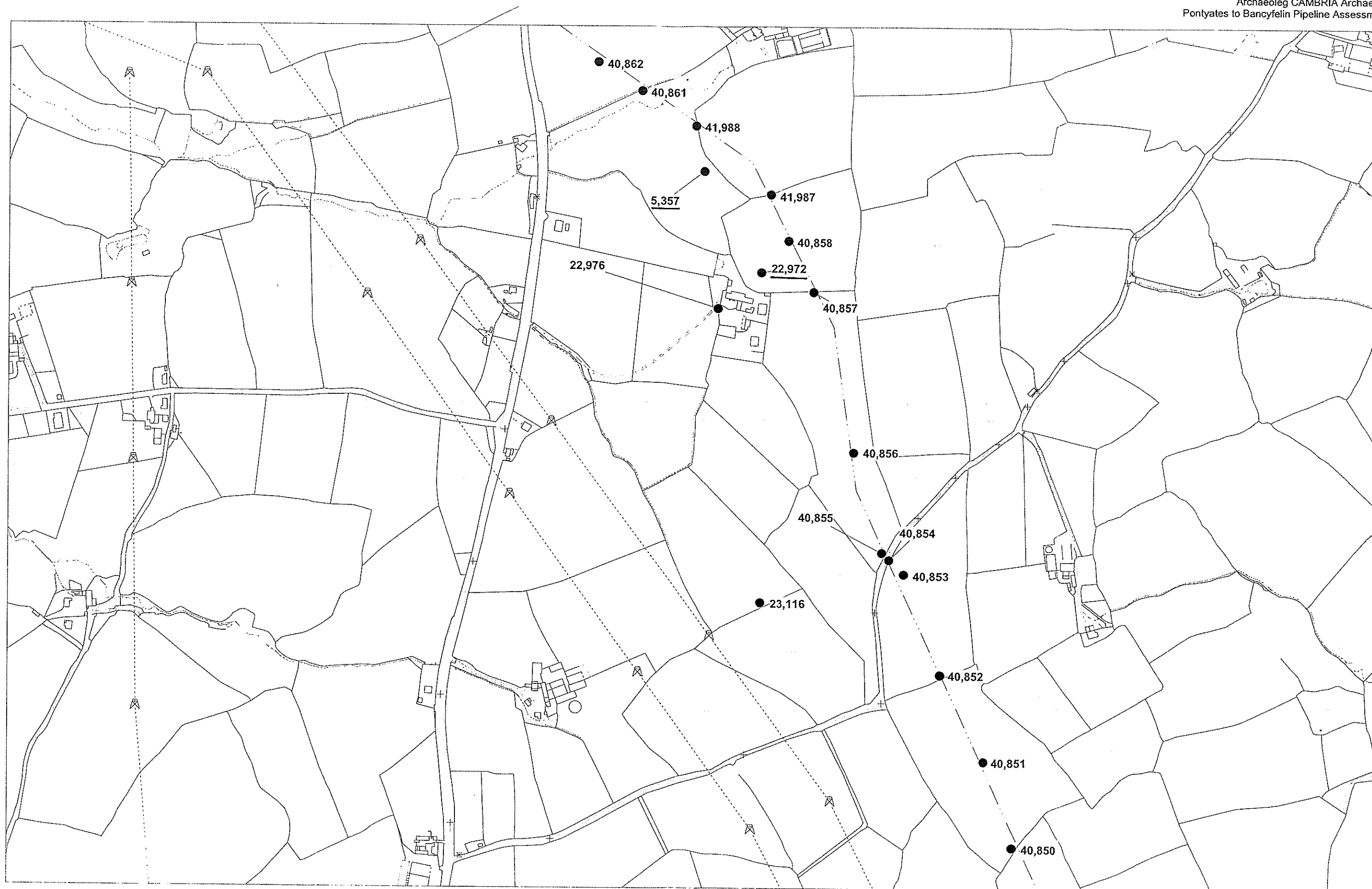




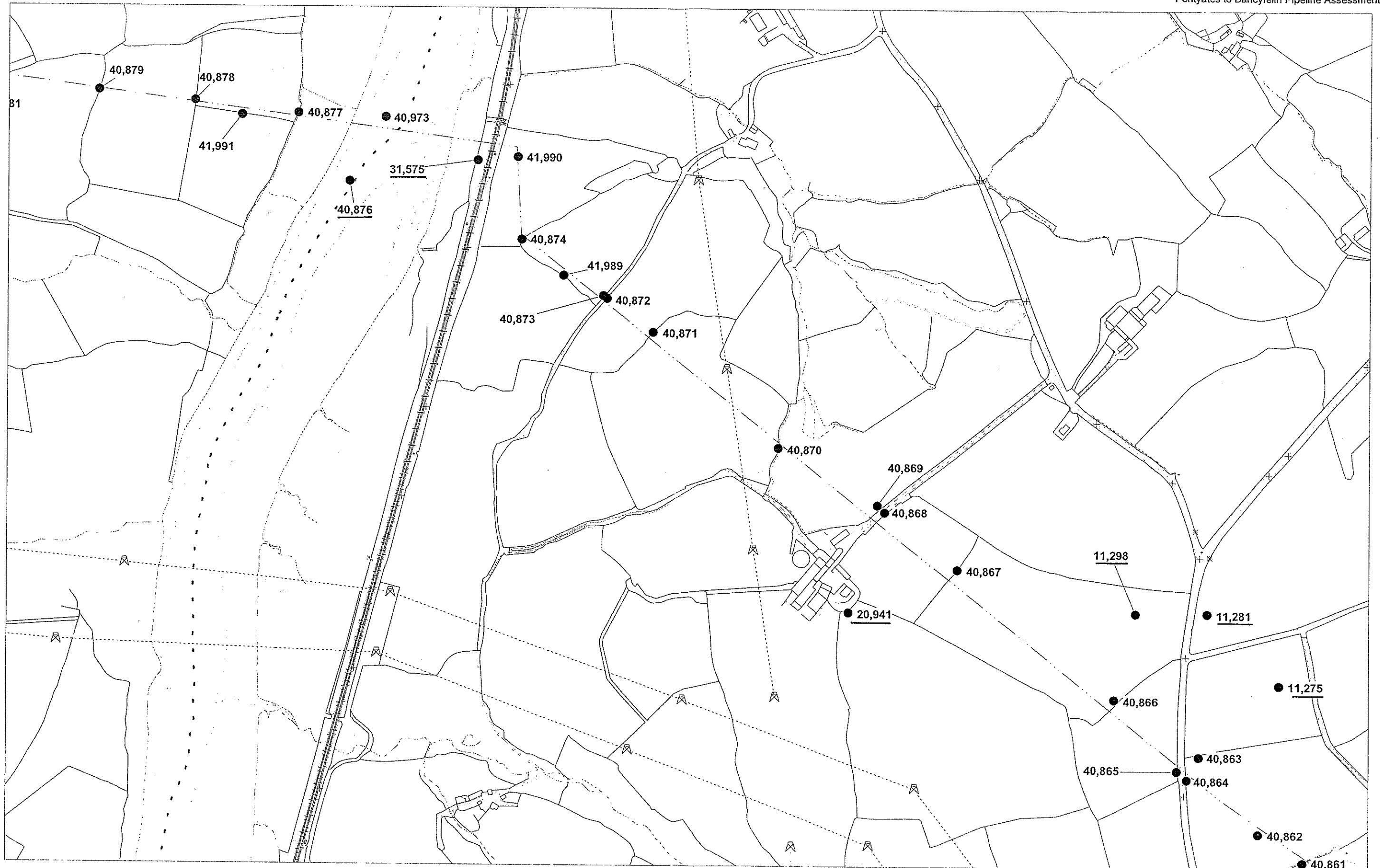


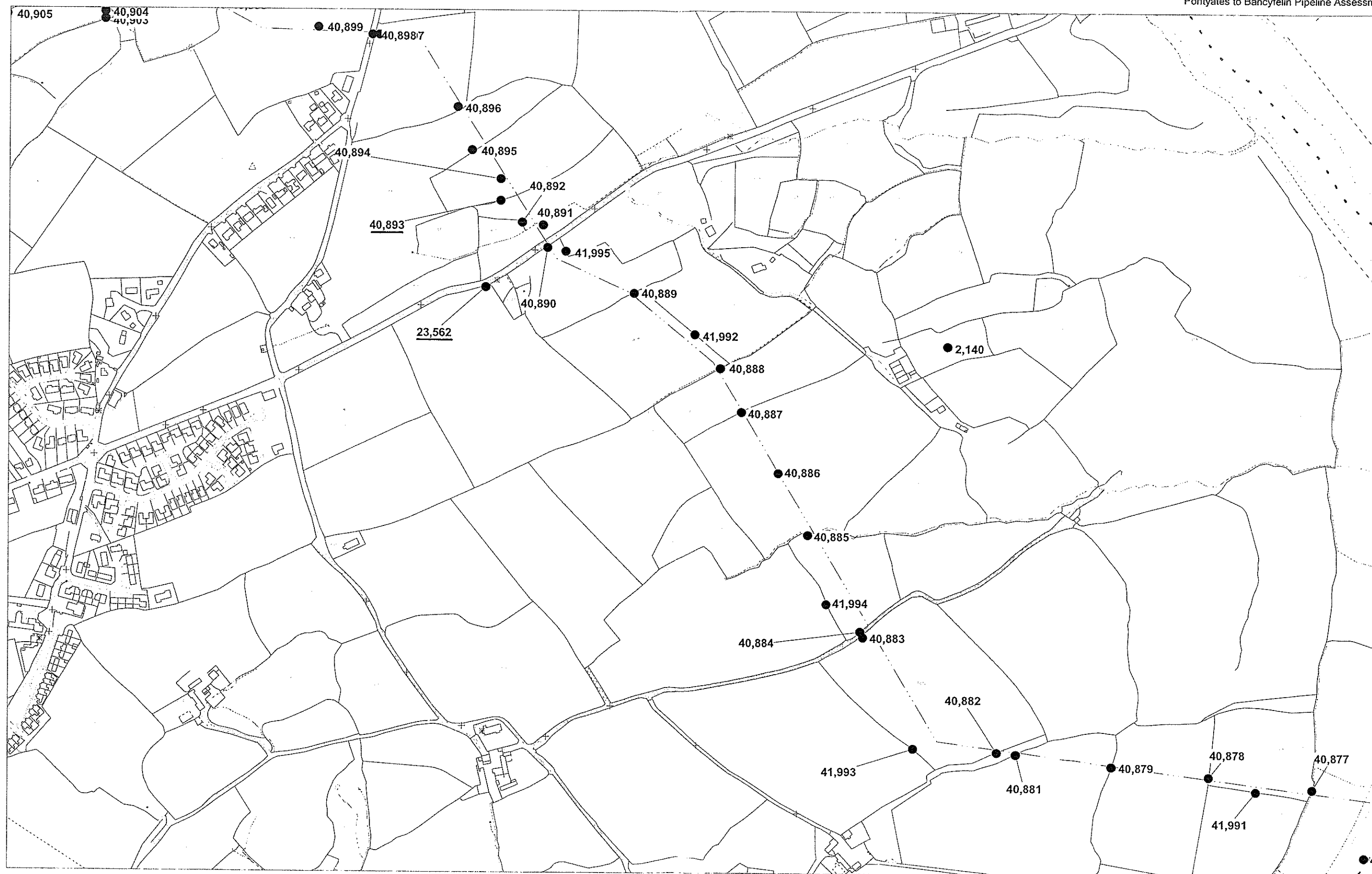


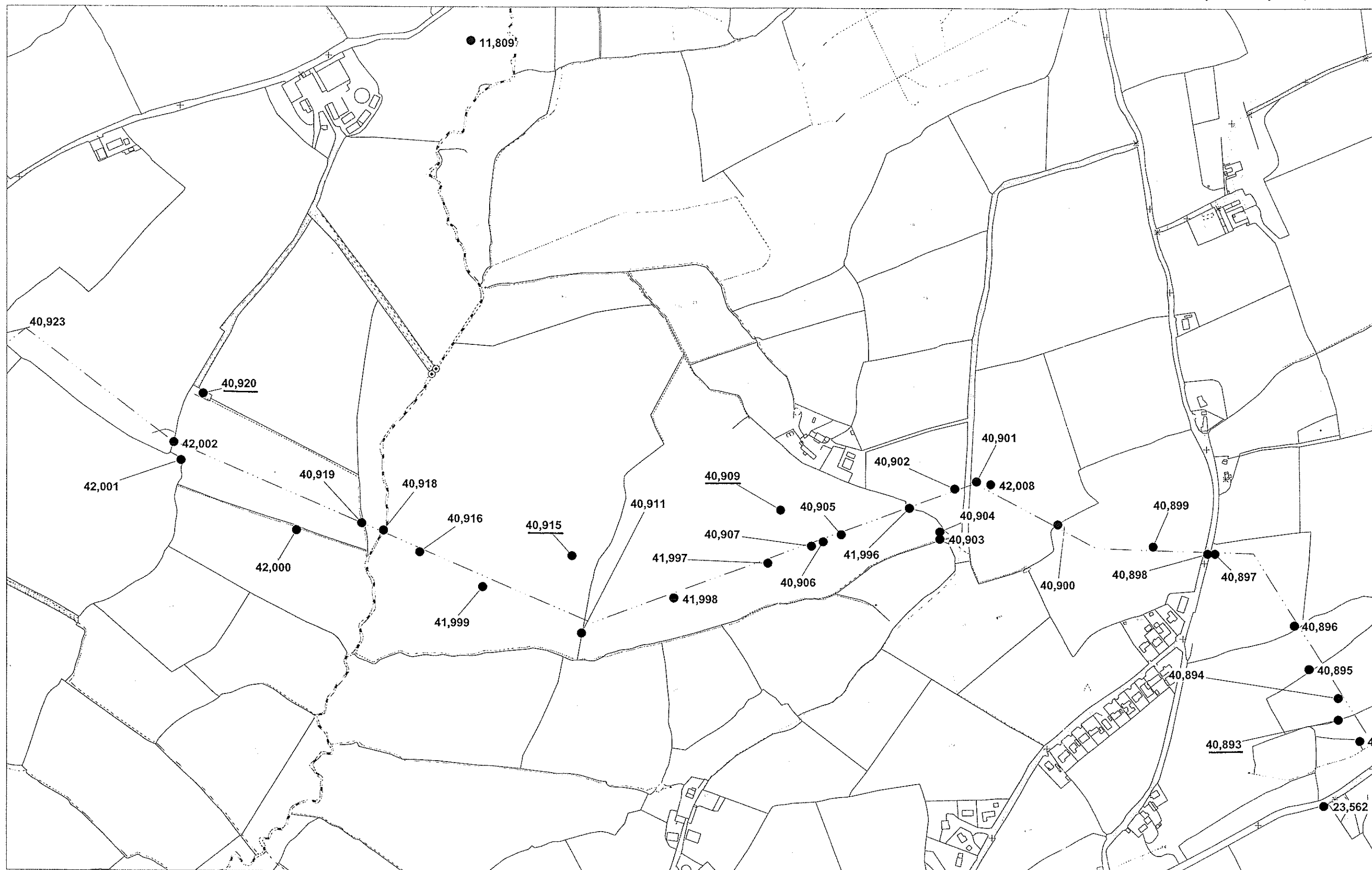


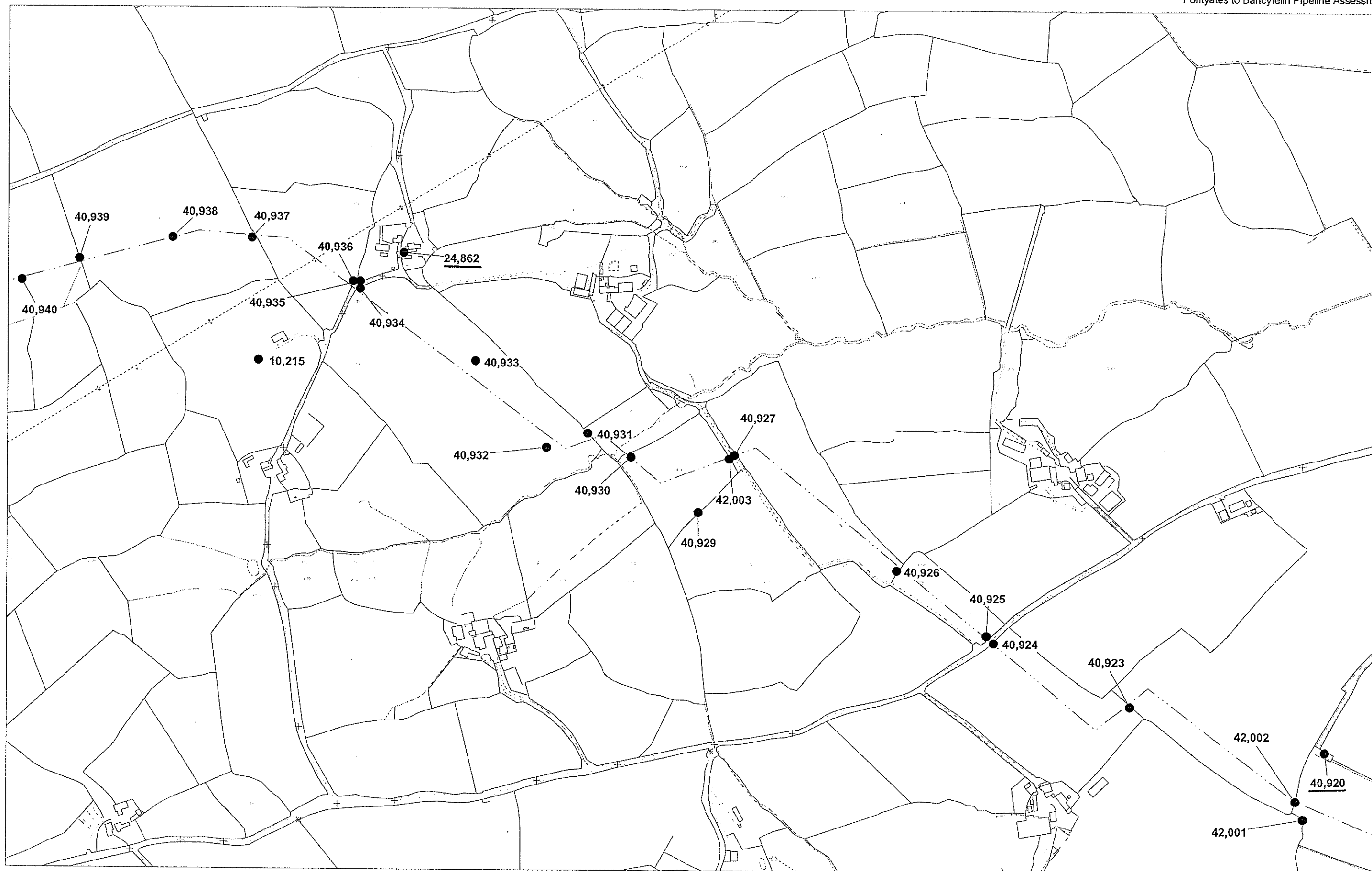


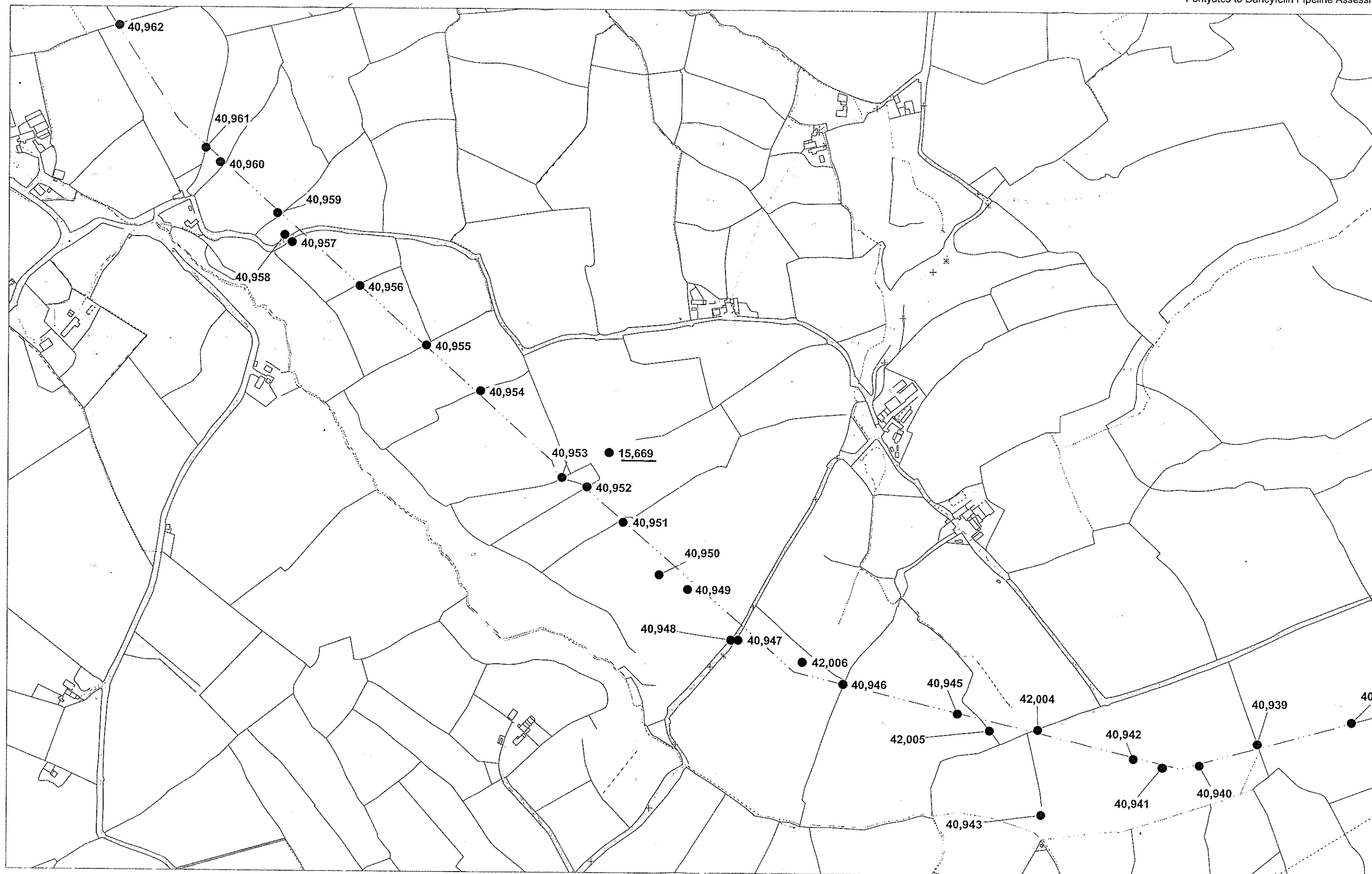
Map 6 of 12

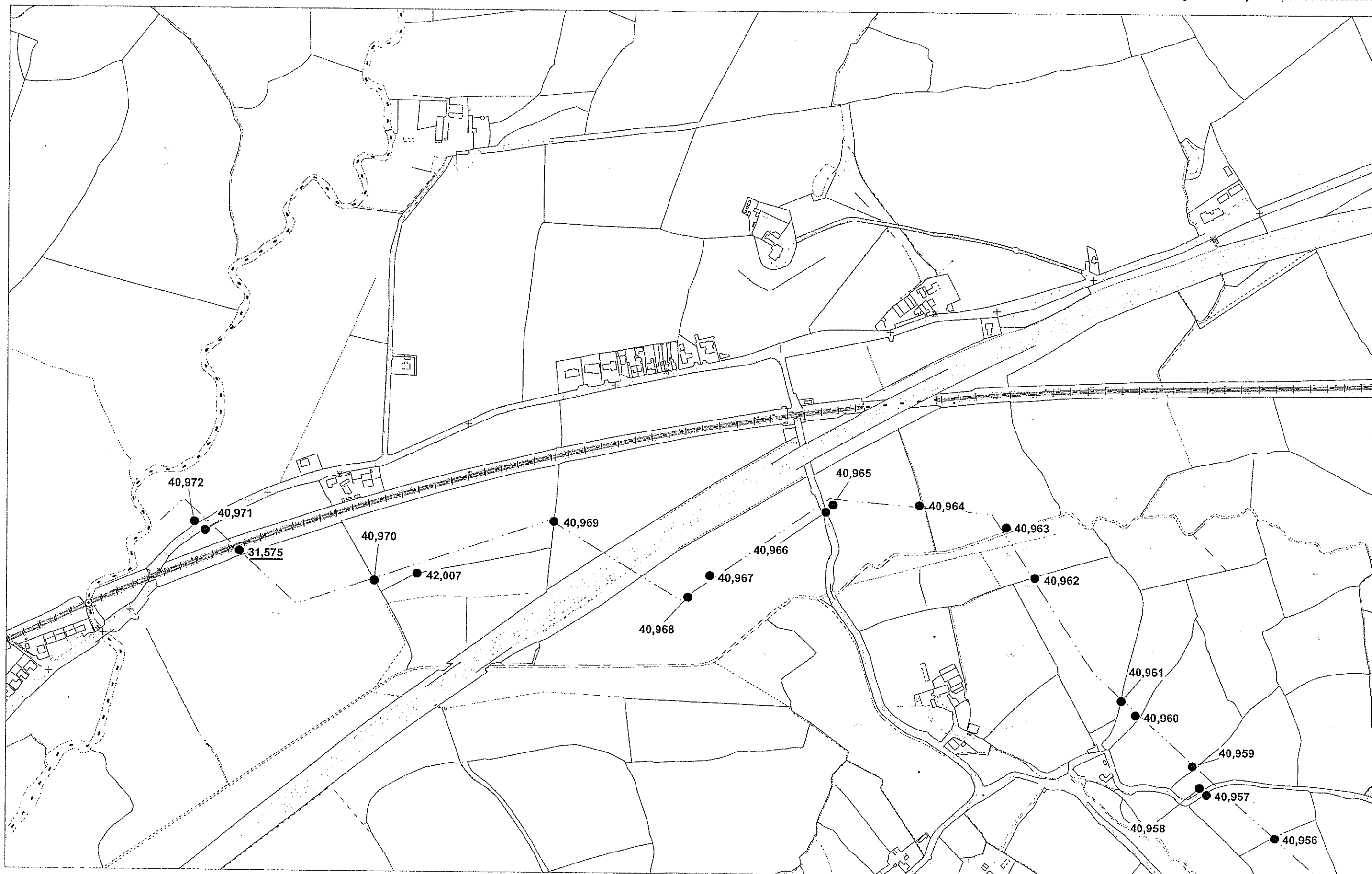












2.0 RESULTS OF ASSESSMENT

2.1 Summary of the archaeological resource

This section contains brief descriptions of archaeological/historic sites, features, buildings and deposits within the project area, namely a 100m wide corridor along the midline of the proposed pipeline route, and relevant sites and features immediately beyond. They are listed by their type and individual Primary Record Number (or PRN) as allocated in the Sites and Monuments Record for Carmarthenshire, Ceredigion and Pembrokeshire.

Refer to maps 1 to 12 for PRNs and field numbers given for the purpose of this project. Categories are as defined in Section 1.5.

See Section 3.3 for a gazetteer and detailed descriptions of sites.

2.1.1 Sites within the proposed route corridor (these are underlined on maps 1-12) Field boundaries and associated roads and trackways not listed. Hedges and field boundaries without further evaluation are Category E (unknown) (see 1.5). Collectively they are Category C, although individually some will be Category D (minor or damaged).

PRN 1686 - NGR SN 4259 1202 - YSTRAD FAWR (Map 4)

Mansion? Post-medieval; Category E
Elizabethan T-shaped house occupied until 1929, now used as a barn

PRN 5357 - NGR SN 4152 1434 - CAE GARN (Map 6)

Round barrow? (Place name); Bronze Age; Category E
No obvious features (RCAHM 1917). Possible mis-recording of natural? mound adjacent to stream. Many undulations in the now adjoined fields

PRN 11275 - NGR SN 414 147 - PARK Y CROES (Map 7)

Unknown; Unknown; Category E
May indicate paths etc.?

PRN 15669 - NGR SN 3466 1764 - NONE (Map 11)

Quarry; Post-medieval? Modern?; Category E
OS 1966 not seen on earlier maps

PRN 20941 - NGR SN 408 148 - PLASGWYN (Map 7)

Mansion; Post-medieval; Category E
Documentary evidence of associated salmon weir (PRN 40876)

PRN 22146 - NGR SN 433 114 - FELIN FACH (Map 4)

Mill?; Post-medieval?; Category E
Field name. A slight possibility that boundary/ditch PRN 40824 could be associated with this possible mill. There are also streams on both the east and west sides of this field

PRN 22154 - NGR SN 464 082 - CAE'R ODYN (Map 1)

Kiln?; Post-medieval; Category E
Place name only

PRN 22176 - NGR SN 449 096 - CAE FFYNNON UCHA; CAE FFYNNON ISSA (Map 2)

Well?; Post-medieval; Category E
Place name only

PRN 22972 - NGR SN 416 142 - NONE (Map 6)

Cottage; Post-medieval; Category E
Cottage on tithe map. Possibly associated with adjacent Parry's Castle (PRN 22976)

PRN 22976 - NGR SN 415 142 - PARRY'S CASTLE (Map 6)

Homestead; Post-medieval; Category E
Associated barn

PRN 22999 - NGR SN 423 123 - NONE (Map 5)

Cottage; Post-medieval; Category E
On tithe map location likely to be adjacent to road and off route midline

PRN 23562 - NGR SN 3888 1619 - TAN-Y-BANC (Map 8)

Cottage; Post-medieval; Category E
On OS 1907. No visible signs but in dense woodland scrub

PRN 24862 - NGR SN 360 174 - PEN PARCIAU (Map 10)

Farmstead; Post-medieval; Category E
On tithe

PRN 27540 - NGR SN 4468 0969 - FOUR ROADS (Map 2)
Quarry; Post-medieval; Category E
Established by 1880. Limestone

PRN 30312 - NGR SN 4469 0970 - GREENHALL FARM (Map 2)
Bridge; Post-medieval; Category C
Small stone bridge formerly carried access road to Greenhall Farm

PRN 30608 - NGR SN 4661 0850 - LLWYNYWIWER COLLIERY (Map 1)
Coalmine; Post-medieval; Category C
Established 1838

PRN 31575 - NGR SN 4028 1543 and SN 3297 1849 - SOUTH WALES RAILWAY (Maps 7 and 12)
Railway; Post-medieval; Category B
Main line from Chepstow to Fishguard

PRN 36310 - NGR SN 4427 1021 - PENYLAN; PEN LAN; PANLAN; PEN Y (Map 3)
Farmstead; Post-medieval; Category E
On tithe map

PRN 36611 - NGR SN 4626 0883 - RHAS FACH; RHOS; RHAS (Map 1)
Farmstead; Post-medieval; Category E
On tithe map

PRN 36873 - NGR SN 4473 0984 - GREEN HALL FARM; GREEN HALL; GREEN HILL (Map 2)
Farm; Home Farm; Post-medieval Category E
On tithe map

PRN 36874 - NGR SN 4483 0988 - GREENHILL; GREENHILL GREEN HALL (Map 2)
Dwelling; Post-medieval; Category E
On tithe map associated with farm PRN 36873

PRN 36875 - NGR SN 4442 0987 - WAUN TEGWM; GWAUN'R AGWM; WAYNEG (Map 2)
Dwelling; Post-medieval; Category E
OS 1811-12

PRN 40765 - NGR SN 4635 0831 - BOD-IWAN (Map 1)
Unknown; Unknown?; Category E
On aerial photographs. Mound? could be the remains of a barn

PRN 40768 - NGR SN 4623 0870 - RHAS-FACH (Map 1)
Spoil tip; Post-medieval; Category C
Associated with Llwyn-y-wiwer Colliery which was established 1838

PRN 40780 - NGR SN 453 094 - BRYN-COCH (Map 2)
Quarry, Modern; Category D
Former quarry, limestone

PRN 40787 - NGR SN 4502 0970 - BRYN-COCH (Map 2)
Quarry; Post-medieval?; Category C
Disused quarry marked on OS 1891

PRN 40795 - NGR SN 4464 0976 - GREENHALL (Map 2)
Field boundary; Post-medieval; Category C
Fine limestone wall/bank below hedge, possibly associated with adjacent limestone industry

PRN 40796 - NGR SN 4623 0870 - WAUN-REGWM (Map 2)
Spoil tip; Post-medieval; Category E
Probably associated with adjacent limestone industry

PRN 40846 - NGR SN 4203 13287 - GRUGAN FACH (Map 5)
Quarry; Post-medieval; Category E
Marked as old quarry on OS 1891

PRN 40847 - NGR SN 4207 1292 - GRUGAN FACH (Map 5)
Platform?; Unknown; Category E
Probably natural or possibly a building platform

PRN 40876 - NGR SN 401 154 - PLASGWYN (Map 7)
Fish weir; Post-medieval?; Category E
Salmon weir associated with farmstead PRN 22895 but location unknown

PRN 40893 - NGR SN 387 163 - PEN-Y-COED (Map 8)
Quarry; Modern; Category D

Not marked on historic or OS 1964 or visible on RAF or Meridian aerial photographs

PRN 40909 - NGR SN 3813 1660 - PERTH Y CLINIE (Map 9)

Cottage; Post-medieval?; Category E

Marked on 1773 Cwrt Malle estate map, and on 1841 tithe, but gone by OS 1905. A pile of loose stones near this location

PRN 40915 - NGR SN 37815 - YSTRAD-WALTER (Map 9)

Earthwork?; Unknown; Category E

Probably natural but could be a defended enclosure. Hay very long at time of fieldwork. No cropmark on aerial photographs studied

PRN 40920 - NGR SN 3733 1676 - CWRT MALLE (Maps 9 and 10)

Cottage?; Post-medieval; Category E

Open rectangle on OS 1891 and 1964. No surface evidence

PRN 40973 - NGR SN 4015 1549 - RIVER TYWI (Map 7)

River segment; Natural?; Category E

May contain artificial elements

PRN 41980 - NGR SN 44633 09811 - GREENHALL (Map 2)

Quarry; Post-medieval; Category E

Two or more very small quarries

PRN 41981 - NGR SN 44645 098848 - GREENHALL (Map 2)

Trackway; Post-medieval; Category E

Trackway possibly associated with lime workings

2.1.2 Relevant sites immediately beyond the proposed route corridor

There are a number of farmsteads and a lesser number of cottages/dwellings (some former), that lie just outside the corridor. Where the date of these is known they are post-medieval although the origins of some may be earlier. As these are unlikely to be directly affected by this proposed project they have not been included in the list below.

PRN 2149 - NGR SN 3952 1611 - CASTELL MOEL; GREEN CASTLE; THE OLD CASTLE (Map 8)

Motte?; Medieval; Category E

No visible remains

PRN 10215 - NGR SN 3585 1730 - PARC MAEN LLWYD (Map 10)

Standing stone? (Place name); Bronze Age; Category E

Place name, no visible remains

PRN 11281 NGR SN 413 148 - PARK Y GROES (Map 7)

Unknown; Unknown; Category E

May indicate paths etc.?, no visible remains

PRN 11288 - NGR SN 417 133 - CAE MAEN (Map 5)

Standing stone? (place name); Bronze Age; Category E

Place name, no visible remains

PRN 11298 - NGR SN 412 148 - PARK CANOL MAEN (Map 7)

Standing stone? (Place name); Bronze Age; Category E

Place name, no visible remains

PRN 11809 - NGR SN 3770 1725 - CWRT MALLE (Map 9)

Moated homestead?; Medieval; Category B

(route passes through part of estate associated with this site)

PRN 16306 - NGR SN 44464 0976 - NONE (Map 2)

Lime kiln; Post-medieval; Category E

Field name Llain yr Oydin

PRN 23116 - NGR SN 415 137 - WAUN GADOG; LLAN LLWYNGWCCW; LLAN GADOG (Map 6)

Church land?; Post-medieval?; Category E

Place name

Large scattered complex of sites around Greenhall Farm PRN 36873 (Map 2) NGR SN 4473 0984 associated with limestone extraction, all likely to be of post-medieval date (Sambrook 1995)

2.1.3 Field boundaries

A variety of field boundaries are represented within the project area. Nearly all of the boundaries have mature hedges, most of which are on banks, some with bank and ditch, and a few on lynchet-type boundaries where there is

a difference in height between the adjoining fields. There are some substantial banks and a few of these may have considerable stone construction, although evidence of this was probably hidden in a number of boundaries by the vegetation. In the limestone area, crossing the pipeline route near Four Roads (3km north-west of Pontyates) in particular, there was some evidence of stone facing for the banks. From consultation of the tithe maps for Llangyderym 1848 and Llandyfaelog 1844?, it is evident that the majority of the boundaries were established by then and nearly all by the time of the Ordnance Survey 1:2500 First Edition survey 1887-8, although some may have considerably earlier origins. East of the Tywi the tithe maps for Llangain 1841?, and Llangynog 1840?, do not record individual fields, just the property boundaries; however the evidence from estate maps for Cwrt Mally c. 1773 (1.5km north-north-west of Llangain) (see appendix 2) covering part of the pipeline route and Ystrad-Walter 1808 (just north of the pipeline route and adjacent to Cwrt Malle), suggest again that most of the boundaries shown on the Ordnance Survey First Edition were in existence by the time of the tithe maps. It is also evident that a large number of boundaries within the Court Malle estate have declined; some of them were still shown on the Ordnance Survey 1:10560 1964 edition but many of them have subsequently been destroyed. The far north of the pipeline is just in the parish of Meidrim, with all of the boundaries shown on the Ordnance Survey First edition also shown on the tithe map of 1840. Some boundaries at this north end of the route have been destroyed or are going out of use due to the re-aligning and dualling of the A40 trunk road.

The categorisation value (1.5) of field boundaries is not easy to establish without further analysis. Collectively they form an integral part of the historic landscape and therefore would be category B (sites of regional or county importance). However, individually they are likely either to be category C (sites of district or local importance) or, after evaluation, some may prove to be late in date or damaged and therefore would be category D (minor or damaged sites). Detailed descriptions of field boundaries are given in Section 3.3

2.2 Conclusions and recommendations

2.2.1 Conclusions

The project area contains a number of archaeological sites, features and structures. The route cuts one possible major archaeological site, and two other sites indicated by field place-names. The possible major site, Grugan Fach (PRN 40847) is a possible building platform but could be a natural feature; this site was located as a result of this project. One of the potential sites indicated by field names is Cae Garn (PRN 5357), possibly suggesting a round barrow which would probably be Bronze Age in date. The second field is named Felin Fach (PRN 22146) which may indicate a medieval or post-medieval mill location. Towards the southern end of the route the line cuts through the spoil tips (PRN 40768) and possibly other features of Llwynwiwer Colliery (PRN 30608) and the probable spoil tips (PRN 40796) associated with the limestone industry around Greenhall Farm and Four Roads. The revised route now passes adjacent to a potential site named Ystrad-Walter (PRN 40915). This it may be a defended enclosure of Iron Age form, but could also be a natural feature, the extent and nature of which is unknown.

The route corridor contains a number of documented sites and landscapes which cannot be precisely located. The corridor passes close to, but does not encompass, a number of historic buildings, mainly farms, some of them Grade II listed; most are still inhabited and will naturally be avoided.

Of particular archaeo-environmental value are the alluvial deposits of the Tywi Valley and its original lower course between Carmarthen and St Clears. Any destruction of these sediments is of concern. There are further potential, shallower alluvial deposits (see table 1), some possibly sealed by hill washed soils and boggy areas (see table 1). However these boggy areas have been poached (trampled by cattle) and therefore the upper strata at least will have been disturbed.

The route cuts through c.190 field boundaries of differing nature. The midline is also occupied by, or lies close to a considerable number of mature standard trees, mainly oak but further information regarding Tree Preservation Orders, etc., lies beyond the scope of this study.

The mid section of the pipeline lies within a landscape which is included in the Register of Landscapes of Outstanding Historic Interest in Wales published by CADW.

2.2.2 Recommendations

The possible major site of a platform PRN 40847 Grugan Fach is considered more likely to prove to be either natural or late in date and probably damaged. **This area should be subject to an archaeological watching brief during topsoil stripping and trench cutting.** The revised route now avoids going through the potential earthwork of PRN 40915, Ystrad-Walter, and now passes just to the south of it. **This area should be subject to an archaeological watching brief during topsoil stripping and trench cutting.** A minor quarry complex, PRN 41980 at Greenhall, should be rapidly recorded during construction and be subject to an archaeological watching during topsoil stripping and trench cutting in this area.

Two potential sites identified by field place names, PRN 5357 Cae Garn and PRN 22146 Felin Fach, have produced no physical evidence and therefore it is recommended that the route is adhered to, but any disturbance of this area should be closely monitored.

The potential for the preservation of palaeoenvironmental evidence contained within alluvial and other deposits in the Tywi valley, the former Tywi valley to the west of Carmarthen, and at other locations has been identified in this report. It is recommended that a watching brief should be maintained during topsoil stripping and trench digging on all locations likely to contain palaeoenvironmental evidence. Deposits identified as containing palaeoenvironmental evidence should be sampled during the watching brief and subsequently analysed by palaeoenvironmental specialists.

Field boundaries are an integral part of the total historic landscape and have, in the present study, been subject only to superficial investigation. It is therefore recommended that the sections of all boundaries, including former boundaries and former watercourses, cut by the pipeline route are recorded; this is often best undertaken during the initial turf-strip. At the end of the field recording and with additional documentation work, field boundaries should be given a category value (1.5).

Generally, the present midline can be adhered to, although there are a few provisos:

- avoid mature standard trees
- minimise damage to boundary PRN 40795
- do not divert midline into adjacent potential sites
- identify further potential alluvial deposits during topsoil stripping
- observe after topsoil strip for any evidence of further archaeological information
- See table 1 for list of appropriate archaeological responses recommended for each site on the route.

Table 1: The archaeological resource: recommended response

site	nature of threat	archaeological response
PRN 5357 Cae Gam, round barrow? Place name	north part of field cut by route midline	watching brief during turf-strip and trench cutting to record all cut sections of any features
PRN 22146 Felin Fach, mill site? Place name	field cut by route midline	watching brief during turf-strip and trench cutting to record all cut sections of any features. To cover from PRN 40821-40825
PRN 22972 Unknown Cottage?	Adjacent to route	record after turf-strip and trench cutting to record all cut sections of any features
PRN 30608 Llwynywiwer Colliery	spoil tips (PRN 40768) and possibly other associated features cut by route midline	record after turf-strip and trench cutting to record all cut sections of any features
PRN 40768 Rhas-Fach, spoil tip (Photo 1)	on route midline	record after turf-strip and trench cutting to record all cut sections of any features
PRN 40796 Pentre, ditch?	adjacent to route midline	record, if cut, after turf-strip and trench cutting to record all cut sections of any features
PRN 40846 Grugan Fach, quarry	in corridor	record details while undertaking response on PRN40847
PRN 40847 Grugan Fach, platform?	cut or very close to route midline	watching brief during turf-strip and trench cutting to record all cut sections of any features
PRN 40876 Plasgwyn, fish weir	possibly at location of route midline cutting banks of the River Tywi	watching brief during turf-strip and trench cutting to record all cut sections of any features
PRN 40909 Perth Y Clinie, cottage	adjacent to route	watching brief during turf-strip and trench cutting to record all cut sections of any features
PRN 40915 Ystrad-Walter, earthwork	adjacent to route	watching brief during turf-strip and trench cutting to record all cut sections of any features
PRN 40973 River Tywi, segment (Photo 4)	on route midline	Geomorphological sampling of alluvial deposits by test pits or bore holes prior to any pipeline work Watching brief during turf-strip and trench cutting to record all cut sections of any features
PRN 41980 Greenhall, quarry	on route midline	rapid record before groundworks and watching brief during turf-strip and trench cutting to record all cut sections of any features
PRN 41981 Greenhall, trackway	adjacent to route	record any cut sections after turf strip
Alluvial valley floor east of Bancyfelin from c PRN40960 - 40972	on route midline	Geomorphological sampling of alluvial deposits by test pits or bore holes prior to any pipeline work
Alluvial deposits and boggy areas: adjacent boundaries for particular attention PRNs: 40183-4;40290-1;40823-5 Gwendrath Fach valley;40836- 9;40860- 1;40877;40888;40890;40918- 9;40930-40744-540960-72	on route midline	identify edges of alluvial deposits during or after turf-strip. Sample and/or record as necessary when pipe trench cut
c. 192 field boundaries, former boundaries and former watercourses	cut by route midline or adjacent	watching brief after turf-strip to record all cut sections of field boundaries, etc.

2.3 Acknowledgements

This report was researched and written by Neil Ludlow and Pete Crane of *CAMBRIA Archaeology*. Acknowledgements to the staff of: Carmarthen Museum, Carmarthenshire Record Office, the National Library of Wales and the National Monuments Record for their assistance, and the *CAMBRIA Archaeology* SMR.

2.4 Archive deposition

The archive, indexed according to the National Monuments Record (NMR) material categories, will be deposited with the Sites and Monuments Record for Carmarthenshire, Ceredigion and Pembrokeshire, curated by *Archaeoleg Cambria Archaeology*, Shire Hall, 8 Carmarthen Street, Llandeilo, Carmarthenshire. It contains the following:-

A.1. Copy of the final report

A.4. Disk copy of report

B.4. Field notebooks

D.1. Catalogue of site photographs

G.1. Source documentation

I.4. Final report - manuscript

I.4. Final report - typescript

I.4. Final report - disk

I.4. Proofs

I.4. Paste-ups

L.1. Project research design/specification

L.4. General admin.

M.1. Non-archaeological correspondence

There is no material for classes C, E, F, H, J, K and N.

2.5 List of sources consulted

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3.0 THE ARCHAEOLOGICAL RESOURCE

This section contains an overall landscape history of the project area, a review of the sources and detailed descriptions of archaeological/historic sites and features, listed by their individual Primary Record Number (or PRN) as allocated in the Sites and Monuments Record for Carmarthenshire, Ceredigion and Pembrokeshire (SMR).

3.1 Site location and topography

SITE LOCATION AND TOPOGRAPHY

The proposed pipeline route, i.e. the project area, lies within NGR grid squares SN31, SN40 and SN41. It is a linear area running across a rural landscape from the village of Pontyates to the south-east, towards Bancyfelin at the north-west end, crossing the tidal estuary of the River Tywi.

The bulk of the solid geology comprises Devonian Lower Old Red Sandstone facies (ORS) which form a gently undulating lowland plateau rising little above 150 metres (British Geological Survey, 1994), and bisected by the Tywi estuary which was formed fairly recently, during the post-glacial Holocene (c.10,000 BC). The original course of the lower Tywi is represented by the dry valley between Carmarthen and St Clears, within which Bancyfelin lies, and the adjoining Afon Cywyn and Tâf estuary.

Towards the north-west end of the corridor, the ORS sits unconformably upon Ordovician shales of the Arenig series, which give way to Llanvirn shales at Bancyfelin.

Strata towards the south-east end of the corridor all run from the south-west to the north-east. A workable belt of Carboniferous Limestone overlies the ORS between Llandyfaelog and Llangyndeyrn. This is an outlier of the much more extensive exposure further south-east, which forms the ridge rising to 260 metres between Mynyddgarreg and Mynydd Llangyndeyrn, and forms part of the continuous limestone belt around the South Wales Coalfield. The overlying Coal Measures (Westphalian) of the Gwendraeth Valley, which emerge at Pontyates, similarly form the west end of the Coalfield. Exploitation, during the historic period, of both the limestone and coal exposures has been extensive, and has had considerable impact on the topographic and built environment in this area.

As an incised valley, the Tywi estuary is steep-sided with little alluvial development, but narrow bands of marine alluvium lie on both sides of the river. These offer high potential for the preservation of palaeoenvironmental evidence, as do the floodplain deposits of the former Tywi valley near Bancyfelin.

Soils are mainly brown podsols (541a Milford) with 611c Manod soils around Bancyfelin and cambic stagnogley soils (713 Brickfield and Cegin) towards the south-east end (Soil Survey of England and Wales, 1980). Land is mainly classified as Grade 4 (Ministry of Agriculture, Fisheries and Food, 1990), but the higher land on the ORS to the east of the estuary is Grade 3, while both the limestone ridge at this end, and the plateau between Llangain and Llangynog on the west side of the estuary, are Grade 5.

With the exception of the former coal fields, quarry belt and the estuary, land-use is now mainly pasture, subject to a low-intensity agricultural regime of grazing with some hay-cutting. The central section of the corridor, either side of the estuary, is included as HLW (D) 5 (Tywi Valley) within the Cadw/ICOMOS register of Landscapes of Outstanding Historic Interest in Wales (described in Murphy and Ludlow 2000, *Carmarthenshire: Historic Landscape Characterisation*).

HISTORY

Much of the background information for this section is taken from Murphy and Ludlow 2000 *Carmarthenshire: Historic Landscape Characterisation*, in which the western half of the proposed pipeline route corridor runs through Area PRN 49211, the eastern half runs through Area PRN 40219, and the central area of the Tywi estuary is Area PRN 40212.

Area PRN 40211

The area of the pipeline route west of the Tywi comprises undulating and hilly ground rising from sea level against the River Tywi to the east and the River Taf on the south-west, achieving a maximum height of over 140 metres along its northern fringes before dropping to the valley of the Afon Cywyn as a north-facing scarp slope. Many deeply incised streams within the area have produced further steep-sided valleys and hills. The area otherwise forms a coherent landscape, consisting in the main of dispersed large farms set in a landscape of small- to medium-sized fields. Field boundaries comprise earth banks topped with hedges. Hedges survive in a variety of conditions; generally they are well maintained, but tending to become overgrown and neglected on the northern, higher levels, and wire fences usually supplement hedges. Distinctive hedgerow trees are not common. Apart from the higher levels to the north where there is some rushy ground, poor quality grazing and even a small peat bog, almost all farmland in this area consists of improved pasture. Broadleaf woodland, which cloaks many of the steep valley sides and may be ancient, has been supplemented since the Second World War with conifer plantations, which give it a wooded aspect in parts.

The area was formerly divided between the lordships of Llansteffan (Penrhyn commote) and Carmarthen (Derllys commote, specifically Maenor Gain). This area was re-organised under manorial tenure between 1109, when

Carmarthen Castle was founded (James 1980, 23), and 1146 with the establishment of the castle at Llansteffan (Avent 1991, 168-72).

Llangynog may be an important pre-Conquest religious centre with its circular churchyard and associated large cropmark enclosures in neighbouring fields (Ludlow 1998) and was formerly a chapelry of Llansteffan parish. Llanllwch - the demesne manor of Carmarthen - lies to the north of the corridor, within which some land may also have been held as demesne; within the manor itself significant areas of former ridge and furrow have been noted. Maenor Gain appears to have been coterminous with the present parish of Llangain which is, however, like Llangynog, a post-medieval creation. St Cain (Keyne), Llangain was formerly a chapelry belonging to Carmarthen Priory but may represent a pre-Conquest foundation (Ludlow 1998). Between 1115 and 1147 a ploughland i.e. 120 acres at 'Egliskein' (Llangain) was granted to Carmarthen Priory by the lord of Maenor Gain, Alfred Drue (Jones 1991, 4). The present village, however, is entirely later post-medieval in origin (Jones 1991, 3). It has been suggested that the *caput* of Maenor Gain was either at Green Castle, with the remains of a 16th- or early 17th-century mansion-house site overlooking the Tywi estuary associated with a landing-place, or at a small motte-and-bailey that formerly existed nearby (ibid.).

Recorded archaeology from such a large landscape area takes in a range of sites from all periods. However, all features relate primarily to agricultural land-use. The route crosses areas held as common land, and the central portion is labelled 'Forest' by Rees (1932) but within it lay Cwrt Malle, a moated site held of Maenor Gain, granted to Robert de Malley, a former deputy Justiciar of South Wales, in 1312 (James 1988, 108). It is one of only four moated sites in Carmarthenshire, but another possible site lay between Cwrt Malle and Wern Corgam (James 1988, 107). A substantial holding dating from at least the 17th century existed at Cwrt Hir (Jones 1987), but the present farm retains no earlier features and did not form a large estate.

The dominant settlement pattern is one of dispersed farms and other dwellings, but there is a nucleated development at Llangain and dispersed modern housing along the roads close to Carmarthen. There is little industry, and only scattered 19th- and 20th-century settlement. Bancyfelin and Llangain are the only substantial settlement clusters, Bancyfelin had some 19th-century growth impetus from the coming of the railway, but the station has now closed and the village bypassed. The fringes of the very small historic core of Llangain have experienced extensive housing development in recent years.

Area PRN 40212

The tidal floodplain of the River Tywi consists in the main of recently accumulated silts and sands, with some older deposits which support saltmarsh subjected to frequent tidal inundation. The history of drainage and reclamation here has not been researched; drainage ditches and wire fences now divide the area into rough, seasonal pasture but there does not seem to have been any attempt at concerted drainage of the area by the construction of sea defences, and the lack of enclosure or any immediately detectable physical evidence of formal drainage systems e.g. either "grip", or "ridge and vurnow" suggests that it has always largely remained un-drained marsh and sand.

Most of the landscape is therefore of relatively recent origin. However, areas of saltmarsh to the north of the corridor appear to have remained fairly constant since at least the Medieval period, when the west bank lay within the Lordships of Carmarthen and Llansteffan and the east bank belonged to the Lordship of Kidwelly (Rees 1932). Here, several areas of saltmarsh are mentioned in contemporary accounts, when it was held directly from the crown as common, seasonal grazing land, as the place-names 'Morfa Brenin' and 'King and Queen's Marsh' demonstrate (James 1980, 42-44). An area of common land also lay to the south of the corridor. Recent evaluation work undertaken in association with the Carmarthen Eastern Bypass included paleoenvironmental analysis of peat deposits taken immediately below Carmarthen (Walker *et al.*, 2000). None of the peats were any earlier than the medieval period and overlay alluvial deposits suggestive of a slower, and wider estuarine environment.

Area PRN 40219

The area east of the Tywi was divided unequally between the former commotes (later lordships) of Kidwelly to the south and west, and Iscennen to the east (Rees 1953, 174). The living landscape has great time-depth in that the course of the present B4309 partly follows the line of the Roman Road between the fort at Loughor (*Leucarum*) and Carmarthen (*Moridunum*). Abercyfor, near Cwmffrwd towards the north of the character area, is one of Carmarthenshire's more convincing sites for a Roman villa (James 1980, 16). The church of St Ceinwr, also to the north of the area at Llangynwr, may have pre-Conquest origins and was an important Medieval parish church. The Lordship of Kidwelly had been in Anglo-Norman hands since c.1110 but Iscennen remained nominally independent, unlike the rest of Cantref Bychan, until 1284 (Rees 1953, xv). In 1327 Kidwelly passed to the Duchy of Lancaster followed by Iscennen in 1340 (ibid.). Despite this duality of tenure, land management during the historic period appears to have been much the same in both parts of the area which, with the exception of the southern part of the area which lay in the foreignry of St Ishmael (Rees 1953, 175-212), were held as Welshries during the Medieval period (Rees 1953, 220). In fact much of the higher land to the south and east of this area was common pasture, part of Mynydd Kyvorth and Mynydd Ucha commons, the majority of which was enclosed by a number of private individuals - major freeholders such as the Stepneys, Morgans and Philippses - during the 16th and early 17th century as recorded in some detail in 1609 (Rees 1953, 243-9). It is thus probable that this area, with its smaller, more irregular fields, was enclosed at an earlier date, possibly in the form of later Medieval encroachments. The 'island' of Cystanog, in the Tywi Valley to the north of the area, contained 'small quantities' of the lordship of Wdigada 'commonly called *yr ynys ucha*, which parcels are intermingled in and among the Duchy lands' (Rees 1953, 235). Abercyfor had become the site of a gentry house by the 16th century, when it was a residence of the Dwnns of Kidwelly, noted commentators of the time (Jones 1987, 1). Another early house is at Beaulieu Fawr. The gentry house at Iscoed, in the south of the area, was first recorded in the early 17th century and remained in the hands of the Mansel family until 1772 when a new mansion was built; both were sold to the Pictons after 1804 and

their environs were emparked (Jones 1987, 94-95). Towy Castle, despite its name, appears to be a new house from the late 18th century, first mentioned in 1794 (Jones 1987, 182). A further gentry house at Cystanog has gone; land within its curtilage was exploited for lead mining in the late 18th century. The B4300 along the south bank of the Tywi is marked on early 19th-century maps and its presence encouraged the growth of a village around the nonconformist chapel at Capel Dewi; however 'Chapel Dewi' was mentioned in the early 17th century (Rees 1953, 301). A further 19th-century new village, with a contemporary church, lies on the B4309 at Cwmffrwd south of Carmarthen; both villages have been subject to much 20th-century development.

This very large historic landscape area lies across low rolling hills on the southern and eastern side of the lower Tywi valley. It rises from sea level at the River Tywi to heights of over 120m on the summits of rounded hills south-west of Cwmffrwd. The area is characterised by scattered farms set in medium-sized irregular and regular fields of improved pasture. There is a little rougher and rushy ground, particularly at higher levels. Fields are defined by earth banks topped with hedges. Hedges are generally well maintained, though some neglect is evident in those at higher levels. Some hedges possess distinctive hedgerow trees. Stands of deciduous woodland are concentrated on steep valley sides, with few small conifer plantations on high ground. There is an area of former park-land around Iscoed Mansion. The settlement pattern is dominated by dispersed farms. Farmhouses mostly date from the late 18th and 19th centuries, are stone-built and rendered, with slate roofs, of two storeys and of three bays. Most are in the vernacular tradition. Stone-built farm buildings are associated with the farms. On the larger farms these are substantial and occasionally laid out on a formal basis, but most are of one or two ranges informally located in the farm yard. Large modern farm buildings are present on most holdings. Superimposed over this ancient pattern of dispersed farms are more recent settlement patterns. Several other major and historic roads in addition to the A484 - which lies on the route of a presumed Roman road - radiate out from Carmarthen across this area. All of these routes have attracted 20th-century linear development. Another visual 20th-century component of the landscape is the National Grid power lines.

Recorded archaeology from such a large landscape area takes in a range of sites from all periods. Features relate primarily to agricultural land-use but the Roman road and possible villa at Abercyfor, and the post-medieval lead mine at Cystanog, deserve note.

There are some distinctive buildings. Iscoed mansion, rebuilt with brick facing between 1790 and 1804, together with its outbuildings is Grade II listed, but semi-derelict; it features fine views across the estuary and retains some internal detail. Bryntowy Mansion, Llangynwr, built in the 1830s, is Grade II listed. The landmark medieval church at Llangynwr, without a tower, is not listed, nor are the largely 18th-century Iscoed old mansion and Abercyfor House.

3.2 Landscape history and development

For detailed descriptions of sites and field boundaries see Section 3.3 below.

3.3 Gazetteer of sites

This section contains detailed descriptions of archaeological sites and features within the proposed route corridor, namely a 100 metre wide strip along the proposed route midline, and selected relevant sites adjacent to the corridor. For sites that are in the corridor and are not normal field boundaries see (2.1.1). For sites immediately beyond the corridor that may be relevant to the study see (2.1.2).

It is apparent from consultation of the tithe maps (Llandyfaelog 1844?, Llangyndeyrn 1848, Llangain 1841?, Llangynog 1840?, Mydrim 1840) and the Ordnance Survey 1:2500 First Edition, that most field boundaries within the project area were established by the 1840's with a few additions by c.1887. Both the Llangain and Llangynog tithe maps omit field boundaries but it is likely that most of those shown on the Ordnance Survey First Edition were in existence as demonstrated on the Cwrt Malle 1773 estate map which covers part of the route

Each field boundary within the project area was allocated a Primary Record Number (PRN). See Fig. 2. All field boundaries crossed by the proposed route are described below in the gazetteer. The boundaries, moreover, were subject only to rapid recording.

Refer to Appendix 2 for copies of selected map sources

New Primary Record Numbers: PRN 40763-40911, PRN 40915-40973 and PRN 41978-42008

PRN numbers that are not field boundaries: 40765; 40768; 40780; 40787; 40796; 40810; 40828; 40846; 40847; 40876; 40893; 4099; 40915; 40920; 40973

PRN 1686	Site name YSTRAD FAWR			NGR SN42591202
Site type MANSION?		Period Post Med		Form Building
Description				
Recommendation				
Just beyond eastern edge of pipeline corridor, avoided no action.				
Condition R				Site Status
PRN 2140	Site name CASTELL MOEL; THE OLD CASTLE			NGR SN39521611
Site type MOUND		Period Medieval		Form Earthwork/E
Description				
No visible remains.				
Recommendation				
None. Outside of corridor.				
Condition				Site Status
PRN 5357	Site name CAE GARN			NGR SN41521434
Site type ROUND BARROW?		Period Bronze Age		Form Earthwork
Description				
It is difficult to establish what this PRN and given NGR refer to. The field name 'Cae Gam' centres on NGR SN41501430, but the only feature visible within this field in May 2000 was the possible line of an old watercourse, while no features were seen by the RCAHM in 1914. A sketch plan made during a field visit by DAT in 1983 depicts a site just to the north of this field, at SN41521445, but given the same PRN. This latter site is a low mound approx. 20m in diameter and 0.50m in height, which in turn was considered to be possibly natural (or burnt mound?) in May 2000 (PWC, May 2000).				
Recommendation				
Field name evidence possible barrow recorded is in east edge of corridor but appears to be natural mound. Number of other undulations across this field. Record during topsoil stripping and possibly during pipe trench cutting (review after topsoil stripping).				
Condition U				Site Status
PRN 10215	Site name PARC MAEN LLWYD			NGR SN35851730
Site type STANDING STONE?		Period Bronze Age		Form Place-name
Description				
No visible remains.				
Recommendation				
None. Outside of corridor				
Condition				Site Status
PRN 11275	Site name PARK Y CROES			NGR SN414147
Site type UNKNOWN		Period Unknown		Form Place-name
Description				
The 'cross' element may refer to the meeting here of 3 roads and a path?				
Recommendation				
No action as field name probably relates to paths and unlikely to be observed.				
Condition				Site Status

PRN	11281	Site name	PARK Y GROES			NGR	SN413148
Site type	UNKNOWN			Period	Unknown	Form	Place-name
Description							
May indicate paths etc.? No visible remains.							
Recommendation							
None. Outside of corridor							
Condition						Site Status	
PRN	11288	Site name	CAE MAEN			NGR	SN417133
Site type	STANDING STONE?			Period	Bronze Age	Form	Place-name
Description							
Standing stone? place name, no visible remains.							
Recommendation							
None. Outside of corridor							
Condition						Site Status	
PRN	11298	Site name	PARK CANOL MAEN			NGR	SN412148
Site type	STANDING STONE?			Period	Bronze Age	Form	Place-name
Description							
Recommendation							
Standing stone field name outside of east edge of pipeline corridor, avoided no action							
Condition						Site Status	
PRN	11298	Site name	PARK CANOL MAEN			NGR	SN412148
Site type	STANDING STONE?			Period	Bronze Age	Form	Place-name
Description							
Standing stone? place name, no visible remains.							
Recommendation							
None. Outside of corridor.							
Condition						Site Status	
PRN	11809	Site name	CWRT MALLE			NGR	SN37701725
Site type	MOATED HOMESTEAD?			Period	Medieval	Form	Earthwork/U
Description							
Earthwork seen on aerial photographs.							
Recommendation							
None. Outside of corridor							
Condition						Site Status	
PRN	15669	Site name	NONE			NGR	SN34701784
Site type	QUARRY			Period	Post Med?; Modern?	Form	Earthwork/U
Description							
Open, disused quarry. Now has caravans and wooden hut within.							
Recommendation							
None, just outside of corridor							
Condition						Site Status	

PRN 16306	Site name			NGR SN44510969
Site type LIME KILN		Period Post Med		Form O.Struct
Description				
Disused lime kiln marked on modern OS map, and historic maps.				
Recommendation				
In western edge of pipeline corridor, avoided, no action.				
Condition U				Site Status
PRN 20941	Site name PLASGWYN			NGR SN408148
Site type MANSION		Period Post Med		Form Building
Description				
Recommendation				
Farmstead in southern edge of pipeline corridor, avoided no action.				
Condition U				Site Status
PRN 22146	Site name FELIN FACH			NGR SN43161151
Site type MILL?		Period Post Med		Form Place-name
Description				
A number of low earthwork 'mounds' were visible in this field in May 2000 - however, they were thought to be possibly fluvio-glacial in origin. PWC, May 2000.				
Recommendation				
Observe during topsoil stripping and pipeline trench cutting across this field and down to the river (Gwendraeth Fach).				
Condition				Site Status
PRN 22154	Site name CAE'R ODYN			NGR SN46420835
Site type KILN?		Period Post Med		Form Place-name
Description				
Recommendation				
Adjacent field to pipeline. Do not move route to east.				
Condition				Site Status
PRN 22176	Site name CAE FFYNNON UCHA;CAE FFYNNON I			NGR SN449096
Site type WELL?		Period Post Med		Form Place-name
Description				
Recommendation				
Field-name only and pipeline does not appear to cut any potential well site. No action.				
Condition				Site Status
PRN 22972	Site name PARR'S CASTLE			NGR SN416142
Site type COTTAGE		Period Post Med		Form Building
Description				
Cottage site marked on 1844 tithe map, and 1891 and 1907 OS maps, and shown associated with a well. Not marked on 1964 OS map. Lay within a small enclosure formed by former boundary PRN 40858. Now represented by a possible building platform, PWC, May 2000.				
Recommendation				
Observe during topsoil stripping and pipe trench cutting.				
Condition U				Site Status

PRN 22976 Site name PARRY'S CASTLE NGR SN41541415
Site type HOMESTEAD Period Post Med Form Building
Description

Recommendation

In western edge of pipeline corridor, avoided no action.

Condition U

Site Status

PRN 22999 Site name NGR SN42401240
Site type COTTAGE Period Post Med Form Documents
Description

No field evidence visible in tithe location (SN42411240) in May 2000 - may lie beneath roadside gravel pile?. PWC, May 2000. (Nb another possible cottage site marked on 1891 OS map at SN42371244 - also without visible field evidence in May 2000)

Recommendation

Appears to be avoided and likely location for former cottage in east edge of pipeline corridor, avoided no action.

Condition

Site Status

PRN 23116 Site name WAUN GADOG; LLAN GADOG NGR SN41601374
Site type CHURCH LAND? Period Post Med? Form Place-name
Description

Place name may indicate an area of church land.

Recommendation

None. Outside of corridor

Condition

Site Status

PRN 23562 Site name TAN-Y-BANC NGR SN38881619
Site type COTTAGE Period Post Med Form Documents
Description

Cottage site, with no visible remains, occupying area of dense woodland scrub including mature oaks. Spring/well, and a possible small quarry. Small deposit of china and tile (PWC, May 2000).

Recommendation

On the west edge of pipeline corridor. Avoided, do not move route to west.

Condition

Site Status

PRN 24862 Site name PEN-PARCIAU NGR SN36051745
Site type FARMSTEAD Period Post Med Form Building
Description

Recommendation

Condition U

Site Status

PRN 27540 Site name FOUR ROADS NGR SN44680969
Site type QUARRY Period Post Med Form Documents
Description

Established by 1880.

Recommendation

Main southern part of pipeline corridor, avoided no action.

Condition

Site Status

PRN 30312 Site name GREENHALL FARM NGR SN44690970
Site type BRIDGE Period Post Med Form Building

Description

Small stone bridge, c.4m x 10m long, which formerly carried the access road to Greenhall Farm (PRN 40794) over a quarry cutting (PRN 27540). The road has been realigned, avoiding the bridge. Good condition. P.S.1995

Recommendation

In southern edge of pipeline corridor, avoided, no action

Condition B

Site Status

PRN 30608 Site name LLWYNYWIWER COLLIERY NGR SN46230870
Site type COALMINE Period Post Med Form Documents

Description

Sunk in 1838 and had two shafts - named Llwynywiwer and Llwynhebog. One shaft had a water balance system for raising coal, the other had a steam engine for pumping water. This was one of the earliest engines used in the Gwendraeth valley. The deepest workings were probably to 220' (75m) to work the Rhasfach seam.

Recommendation

Coal mine covers area cut by route. Record any features revealed during pipeline cutting.

Condition U

Site Status

PRN 31575 Site name SOUTH WALES RAILWAY NGR SN40281543
Site type RAILWAY Period O.Struct

Description

Main line through Gowerton and Loughor opened by GWR Co. The South Wales Railway from Chepstow to Fishguard and Pembrokeshire. Information obtained from the Glamorgan Gwent Archaeological Trust SMR (GGAT SMR No.D07). Currently marked on DAT SMR base maps just east of Loughor to Carmarthen junction. BDA 1997

Recommendation

Condition V

Site Status

PRN 36310 Site name PENYLAN;PEN LAN;PENLAN; PEN Y NGR SN44271021
Site type FARMSTEAD Period Post Med Form Documents

Description

Farmstead variously called Penylan on OS 1811-12, Pen lan on OS 1831, Penlan on Tithe and Pen y lan on OS 1891 & OS 1907. EMB 10/98

Recommendation

Condition

Site Status

PRN 36599 Site name GWNDWN BACH NGR SN45740932
Site type FARMSTEAD Period Post Med Form Documents

Description

Farmstead 800 metres E of B4309. OS 1891 unavailable for survey. EMB 11/98

Recommendation

Farmstead in north-east edge of pipeline corridor, avoid..

Condition

Site Status

PRN	36600	Site name	MAEN SANT FACH			NGR	SN45980924
Site type	FARMSTEAD			Period	Post Med	Form	Documents
Description							
Farmstead 600 metres E of B4309. OS 1891 unavailable for survey. Tithe damaged for this location. EMB 11/98							
Recommendation							
Farmstead in eastern edge of pipeline corridor, avoid.							
Condition						Site Status	
PRN	36611	Site name	RHAS FACH;RHOS;RHAS			NGR	SN46260883
Site type	FARMSTEAD			Period	Post Med	Form	Documents
Description							
Farmstead named Rhas fach on OS 1907 and 1891, Rhas Fach on Tithe, Rhas on OS 1831 and Rhos on OS 1811-12. EMB 11/98							
Recommendation							
Farm to east of route mid-line, avoid.							
Condition						Site Status	
PRN	36872	Site name	TOWER HILL			NGR	SN44400976
Site type	COTTAGE			Period	Post Med	Form	Documents
Description							
Cottage SE of Ysgubor Uchaf PRN 36871. EMB 11/98							
Recommendation							
In west pipeline corridor edge, avoided no action.							
Condition						Site Status	
PRN	36873	Site name	GREEN HALL FARM;GREEN HALL;GRE			NGR	SN44730984
Site type	FARM;HOME FARM			Period	Post Med	Form	Documents
Description							
Farm adjacent to Green Hall PRN 36874. EMB 11/98							
Recommendation							
In north-east edge of pipeline corridor, avoided no action.							
Condition						Site Status	
PRN	36874	Site name	GREENHALL;GREENHILL;GREEN HALL			NGR	SN44830988
Site type	DWELLING			Period	Post Med	Form	Documents
Description							
Dwelling associated with farm PRN 36873. EMB 11/98							
Recommendation							
In north-east edge of pipeline corridor, avoided no action.							
Condition						Site Status	
PRN	36875	Site name	WAUN TEGWM;GWAUN'R AGWM;WAUNEG			NGR	SN44420987
Site type	DWELLING			Period	Post Med	Form	Documents
Description							
Cottage uncertain on OS 1811-12. Waun tegwm on Record map, Gwaun'r agwm on OS 1831, Waunegcwm on Tithe, Waunragwm on OS 1891 and Waun regwm on OS 1905. EMB 11/98							
Recommendation							
In east pipeline corridor edge, avoided no action.							
Condition						Site Status	

PRN	40763	Site name	BOD-IWAN	NGR	SN46270826
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Slight bank with maintained Leylandia hedge, supplemented with a post-and-rail fence, forming the northern boundary of garden opposite Llwyn-yr-heboh in Pont-iets. However, it features one oak tree and the garden is shown as an enclosure on the 1848 tithe map, and labelled 'Bod-Iwan' in 1907.					
Recommendation					
Condition	A	Site Status			
PRN	40764	Site name	PONT-IETS	NGR	SN46270830
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 0.75m high, with a ditch along east side, 0.75m deep. Partly maintained with laid hedge. Otherwise unmaintained with semi-mature and mature oak/thorn scrub and trees. Shown on 1848 tithe map.					
Recommendation					
Condition	A	Site Status			
PRN	40765	Site name	BOD-IWAN	NGR	SN46350831
Site type	UNKNOWN	Period	Unknown	Form	Earthwork
Description					
Slight mound in the same location as a circular feature observed on aerial photographs. In area of mining features - possibly related? or could be the remains of a barn?					
Recommendation					
Do not move pipeline route to east.					
Condition	U	Site Status			
PRN	40766	Site name	PONTIETS	NGR	SN46270847
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1m high, with ditch on S side, 0.75m deep. Supports unmaintained hedge with a large number of mature trees and scrub - mainly hazel, thorn and holly. 1 x mature oak 7m E of route midline.					
Recommendation					
Avoid mature oak 7m to E of route.					
Condition	A	Site Status			
PRN	40767	Site name	RHAS-FACH	NGR	SN46240864
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 0.75m high, with ditch on S side, 0.50m deep. Supports unmaintained hedge with a large number of mature trees and scrub - mainly hazel, thorn and holly - supplemented by post-and-wire fence. Mature trees inc. oak within 25m of route midline.					
Recommendation					
Condition	A	Site Status			

PRN 40768 Site name RHAS-FACH NGR SN46230870
Site type SPOIL TIP Period Post Med Form Earthwork

Description

Complex of small, coal-slag shown on aerial photographs, averaging 3-4m in height and now grassy, occupying rough pasture field NW of Pont-yets. Appear to be associated with the former Llyn-y-wiwer Colliery immediately SW (PRN 30608), established in 1838. Marked, but not labelled, on 1907 OS map.

Recommendation

Coal mine covers area cut by route. Record any features revealed during pipeline cutting.

Condition

Site Status

PRN 40769 Site name RHAS-FACH NGR SN46220874
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Former boundary shown on aerial photographs from 1848 to 1964. Now gone.

Recommendation

Condition D

Site Status

PRN 40770 Site name RHAS-FACH NGR SN46210878
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Bank, 1m high, and ditch on N side, 0.50m deep. Supports unmaintained hedge, largely with immature trees - oak, thorn, holly and gorse. Marked on 1848 tithe map.

Recommendation

Condition A

Site Status

PRN 40771 Site name RHAS-FACH NGR SN46170887
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Present? Gone? (not recorded May 2000, PWC). Marked on 1848 tithe map.

Recommendation

Condition U

Site Status

PRN 40772 Site name RHAS-FACH NGR SN46140899
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Bank supporting maintained hedge of immature oak etc, with overgrown ditch on N side (dimensions not ascertained). Marked on 1848 tithe map.

Recommendation

Condition A

Site Status

PRN 40773 Site name MAEN-SANT-FACH NGR SN46070906
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

N-S flowing stream with unmaintained, overgrown oak/willow/thorn hedge. Bank? 1848 tithe map damaged for this location.

Recommendation

Condition B

Site Status

PRN	40774	Site name	MAEN-SANT-FACH	NGR	SN45970914
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
NW-SE flowing stream with mature oaks and sycamores etc., mainly on W side. Unmaintained and overgrown. Bank? 1848 tithe map damaged for this location.					
Recommendation					
Condition	B	Site Status			
PRN	40775	Site name	GWNDWN-BACH	NGR	SN4576009180
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1m high, forming SE side of NE-SW running trackway depicted on OS Original Surveyors Drawings, Sheet 180, of 1812 (see PRN 40776). Supports semi-mature/mature trees inc. hazel and thorn. Unmaintained. 1848 tithe map damaged for this location.					
Recommendation					
Condition	A	Site Status			
PRN	40776	Site name	GWNDWN-BACH	NGR	SN4575409187
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.25m high, forming NW side of NE-SW running trackway depicted on OS Original Surveyors Drawings, Sheet 180, of 1812 (see PRN 40775). Supports semi-mature/mature trees inc. hazel and thorn. Unmaintained. 1848 tithe map damaged for this location.					
Recommendation					
Condition	A	Site Status			
PRN	40777	Site name	GWNDWN-BACH	NGR	SN45610934
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 0.50m-1.00m high, with some construction, and ditch, 0.50m deep, on north side. Supports oak/holly/thorn scrub, supplemented by post-and-wire fence in areas. Poorly maintained. Marked on 1848 tithe map.					
Recommendation					
Condition	A	Site Status			
PRN	40778	Site name	GWNDWN-BACH	NGR	SN45480939
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Disused bank, 1.00m high, with some stone construction. Supports established trees inc. oak, ash and holly. Now eroding with some gaps. Marked on 1848 tithe map.					
Recommendation					
Condition	C	Site Status			

PRN 40779 Site name BRYN-COCH NGR SN45410956
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Bank, 1.00m high, supporting a wide range of species inc. hazel, holly and thorn. Unmaintained, and double-fenced. Marked on 1848 tithe map.

Recommendation

Condition B

Site Status

PRN 40780 Site name BRYN-COCH NGR SN453094
Site type QUARRY Period Post Med Form None

Description

Small former limestone quarry, marked on neither the 1848 tithe nor the 1891 OS and probably later, with some spoilheaps to SW against field boundary. Field now pasture except bottom of quarry scoop.

Recommendation

Modern quarry cut by pipeline, no need to take any action.

Condition

Site Status

PRN 40781 Site name BRYN-COCH NGR SN45350947
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Former boundary, marked on 1848 tithe and 1891 OS, now without physical evidence and probably removed by quarry 40780.

Recommendation

Condition E

Site Status

PRN 40782 Site name BRYN-COCH NGR SN45250952
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Bank, 0.75m high, with double ditches, 0.50m-0.60m deep, supporting immature hedge, mainly hazel, holly and thorn. Unmaintained, with double-fencing. Marked on 1848 tithe map.

Recommendation

Condition A

Site Status

PRN 40783 Site name BRYN-COCH NGR SN45160955
Site type FIELD BOUNDARY Period Unknown Form Topog

Description

NE-SW flowing stream supporting mature trees inc. ash, thorn and holly. Post-and-wire fenced. No bank. Not marked on 1848 tithe map?.

Recommendation

Condition

Site Status

PRN 40784 Site name BRYN-COCH NGR SN45120958
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Unmaintained hedge, mostly thorn, on bank? Marked on 1848 tithe map.

Recommendation

Condition B

Site Status

PRN	40785	Site name	BRYN-COCH	NGR	SN45050962
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Mature hedge, on bank?. With PRN 40786 lines road marked on OS Original Surveyors Drawings, Sheet 180, 1812.					
Recommendation					
Condition	U	Site Status			
PRN	40786	Site name	BRYN-COCH	NGR	SN45040963
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Mature hedge, on bank?. With PRN 40785 lines road marked on OS Original Surveyors Drawings, Sheet 180, 1812.					
Recommendation					
Condition	U	Site Status			
PRN	40787	Site name	BRYN-COCH	NGR	SN45020970
Site type	QUARRY	Period	Post Med?	Form	Earthwork
Description					
Small, disused quarry marked on 1891 OS map.					
Recommendation					
In north-east edge of pipeline corridor, avoid.					
Condition		Site Status			
PRN	40788	Site name	FOUR ROADS	NGR	SN45020963
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Field boundary - still present? Not recorded May 2000. Marked on 1848 tithe map?					
Recommendation					
Condition	U	Site Status			
PRN	40789	Site name	FOUR ROADS	NGR	SN44960964
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 0.75m high, with ditch, 0.70m deep, on E side. Supports maintained hedge, mainly thorn and hazel. Marked on 1848 tithe map?					
Recommendation					
Condition	A	Site Status			
PRN	40790	Site name	FOUR ROADS	NGR	SN4482709648
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Ditch, 1m deep, at foot of steep downhill slope from NW, but without bank. Supports unmaintained hedge with many mature trees inc. oak and ash, and stockwire fence. Marked on 1848 tithe map.					
Recommendation					
Condition	B	Site Status			

PRN	40791	Site name	FOUR ROADS	NGR	SN4479509677
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Unmaintained, overgrown scrubby hedge with holly, oak and elder. No bank; steep slope to SE. Stockwire fenced. Marked on 1848 tithe map.					
Recommendation					
Condition	B	Site Status			
PRN	40792	Site name	GREENHALL	NGR	SN4478009690
Site type	FIELD BOUNDARY	Period	Post Med	Form	Earthwork
Description					
Unmaintained, overgrown scrubby hedge with thorn and hazel. Any bank was not observed; possible ditch in area of boundary. Not marked on 1848 tithe map, or on OS maps of 1891 and 1907, when the area was largely unenclosed (latterly Mynyddgarreg Common).					
Recommendation					
Condition	B	Site Status			
PRN	40793	Site name	GREENHALL	NGR	SN4475009715
Site type	FIELD BOUNDARY	Period	Post Med	Form	Earthwork
Description					
Hedge forming NW side of metalled trackway to Greenhall Farm. The trackway, but not the boundary, is marked on OS maps of 1891 and 1907 when the area was largely unenclosed (latterly Mynyddgarreg Common). Power cable over south side.					
Recommendation					
Condition	A	Site Status			
PRN	40794	Site name	GREENHALL	NGR	SN4470409748
Site type	TRACKWAY	Period	Post Med	Form	Earthwork
Description					
Disused trackway to Greenhall Farm (formerly over bridge PRN 30312), now without boundary. The trackway, but not a boundary, is marked on OS maps of 1891 and 1907 when the area was largely unenclosed (latterly Mynyddgarreg Common).					
Recommendation					
Condition	C	Site Status			
PRN	40796	Site name	WAUN-REGWM	NGR	SN46230870
Site type	SPOIL TIP	Period	Post Med	Form	Earthwork
Description					
Complex of small, limestone-quarry spoilhe aerial photographs, occupying rough pasture field NW of Four Roads, associated with a number of small surrounding quarries marked on 1891 OS map.					
Recommendation					
Spoil tips or filled in quarrying cut by pipeline. Record when cut by pipeline trench.					
Condition		Site Status			

PRN	40800	Site name	WAUN-REGWM	NGR	SN4437210028
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Hedge, on bank C.750mm high. Thorn, hazel, bramble and rose, and stockwire fence, plus electricity cables over, with one pole close on west side of route.. Not marked on 1780 Penlan estate map; marked on 1848 tithe map.					
Recommendation					
Condition	U	Site Status			
PRN	40801	Site name	PENLAN	NGR	SN4430810065
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Maintained hedge probably on bank. Not closely observed September 2000. Not marked on 1780 Penlan estate map; marked on 1848 tithe map.					
Recommendation					
Condition	U	Site Status			
PRN	40802	Site name	PENLAN	NGR	SN4422510110
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Hedge, on bank?. No detailed observation May 2000. Marked on 1780 Penlan estate map.					
Recommendation					
Condition	U	Site Status			
PRN	40803	Site name	PENLAN	NGR	SN4418010160
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.20m high, supporting maintained thorn and hazel hedge. Marked on 1780 Penlan estate map.					
Recommendation					
Condition	A	Site Status			
PRN	40804	Site name	PENLAN	NGR	SN4411210228
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Narrow, straight low bank supporting maintained hedge, mainly thorn. Not marked on 1780 Penlan estate map; marked on 1848 tithe map.					
Recommendation					
Condition	A	Site Status			
PRN	40805	Site name	PENLAN	NGR	SN4402010307
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Narrow, straight low bank, 0.50m high, supporting maintained hedge, mainly thorn. Not marked on 1780 Penlan estate map; marked on 1848 tithe map.					
Recommendation					
Condition	A	Site Status			

PRN	40806	Site name	PENLAN	NGR	SN43911036
Site type	FIELD BOUNDARY	Period	Unknown	Form	Documents
Description					
Former field boundary, now gone. Narrow, straight boundary not marked on 1780 Penlan estate map, but marked on 1848 tithe map, and 1891 and 1907 OS maps.					
Recommendation					
Condition			Site Status		
PRN	40807	Site name	PENLAN	NGR	SN4381610428
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.20m high, supporting mature, maintained hedge of hazel, holly and thorn. Marked on 1780 Penlan estate map.					
Recommendation					
Condition			Site Status		
PRN	40808	Site name	PENLAN	NGR	SN4381010435
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 0.50m high, supporting mature, maintained hedge. Along with PRN 40409 it lines a roadway from Mynyddygarreg to Crwbin, which is sunken (1.2-1.5m below boundary) and may be early - it is marked on the Ordnance Survey Original Surveyors Drawings, Sheet 180, of 1812.					
Recommendation					
Condition			Site Status		
PRN	40809	Site name	PENTRE	NGR	SN4380510442
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 0.50m high, supporting mature, maintained hedge. Along with PRN 40408 it lines a roadway from Mynyddygarreg to Crwbin, which is sunken (1.2-1.5m below boundary) and may be early - it is marked on the Ordnance Survey Original Surveyors Drawings, Sheet 180, of 1812.					
Recommendation					
Condition			Site Status		
PRN	40810	Site name	PENTRE	NGR	SN43711052
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
A former field boundary, marked on 1891 and 1907 OS aerial photographs, represented by a linear feature observed on RAF aerial photographs, running SE-NW east of Pentre Farm, Mynyddygarreg. It may lead from a boggy area of ground, possibly representing a former pond, hard against the unclassified Mynyddygarreg - Crwbin road. Not marked on 1848 tithe map?					
Recommendation					
Ditch? or natural water course across field adjacent and parallel on east side of pipeline, record if revealed by pipeline trench.					
Condition			Site Status		

PRN	40811	Site name	PENTRE	NGR	SN4366510590
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.00m high, with some stone, supporting partially maintained scrubby hedge of sycamore and thorn. Not marked on 1848 tithe map?.					
Recommendation					
Condition	A	Site Status			
PRN	40812	Site name	PENTRE	NGR	SN436105
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Substantial bank, 1.25m high, with some stone, supporting mature scrubby hedge of sycamore, ash, hazel and thorn. Stockwire fenced. Marked on 1848 tithe map.					
Recommendation					
Condition	A	Site Status			
PRN	40813	Site name	PENTRE	NGR	SN4364810610
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank 1.00m high, double-ditched - ditches 0.50m-0.70m deep. Supports mature scrubby hedge of sycamore, ash, hazel and thorn. Stockwire fenced. Marked on 1848 tithe map.					
Recommendation					
Condition	A	Site Status			
PRN	40814	Site name	CWM	NGR	SN43501077
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.00m high, supporting maintained hedge of hazel and thorn, with evidence of former laying. Marked on 1848 tithe map.					
Recommendation					
Condition	A	Site Status			
PRN	40815	Site name	CWM	NGR	SN43441085
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Former field boundary - only very slight physical evidence. Marked on 1848 tithe map and 1964 OS map.					
Recommendation					
Condition	D	Site Status			
PRN	40816	Site name	CWM	NGR	SN43371092
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Former field boundary - only very slight physical evidence. Marked on 1848 tithe map and 1964 OS map.					
Recommendation					
Condition	D	Site Status			

PRN 40817 Site name FFYNNONEIDDON NGR SN43311102
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Bank, supporting unmaintained, scrubby hazel/thorn hedge (laid in the past), which with PRN 40818 lines a sunken trackway to Ffynnoneiddon Farm. The trackway is not shown on OS Original Surveyors Drawings, Sheet 180, of 1812, but marked on 1848 tithe map.

Recommendation

Condition A Site Status

PRN 40818 Site name FFYNNONEIDDON NGR SN43301103
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Bank, supporting unmaintained, scrubby hazel/thorn hedge (laid in the past), which with PRN 40817 lines a sunken trackway to Ffynnoneiddon Farm. The trackway is not shown on OS Original Surveyors Drawings, Sheet 180, of 1812, but marked on 1848 tithe map.

Recommendation

Condition A Site Status

PRN 40819 Site name FFYNNONEIDDON NGR SN43271112
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Former field boundary, now gone and without physical evidence. Marked on 1848 tithe, present on RAF aerial photographs from 1946, but not shown on 1964 OS map.

Recommendation

Condition D Site Status

PRN 40820 Site name FFYNNONEIDDON NGR SN43241126
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Bank, 0.75m high, supporting maintained hazel/thorn hedge, which with PRN 40818 lines an unclassified road from Llandyfaelog to Pontantwn. The road is shown on OS Original Surveyors Drawings of 1812.

Recommendation

Condition A Site Status

PRN 40821 Site name FFYNNONEIDDON NGR SN43231127
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Bank, 0.75m high, supporting maintained hazel/thorn hedge, which with PRN 40820 lines an unclassified road from Llandyfaelog to Pontantwn. The road is shown on OS Original Surveyors Drawings of 1812.

Recommendation

Condition A Site Status

PRN	40822	Site name	FFYNNONEIDDON	NGR	SN43171143
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Former field boundary, now gone and without physical evidence. Marked on 1848 tithe and shown on 1964 OS map.					
Recommendation					
Condition	D	Site Status			
PRN	40823	Site name	FFYNNONEIDDON	NGR	SN4311911580
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 0.50m high, with ditch 0.50m deep on N side. Supports hazel/thorn hedge, with post-&-wire fence. Marked on 1848 tithe map.					
Recommendation					
Condition	A	Site Status			
PRN	40824	Site name	FFYNNONEIDDON	NGR	SN43121162
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Field boundary now represented by straightened drainage ditch. Marked on 1848 tithe map.					
Recommendation					
Condition	A	Site Status			
PRN	40825	Site name	GWENDRAETH FACH	NGR	SN4310011615
Site type	FIELD BOUNDARY	Period	Unknown	Form	None
Description					
Field boundary here represented by the River Gwendraeth Fach. Lined with mature trees inc. ash and willow, and fenced along the S. bank.					
Recommendation					
Possible environmental sampling on north side at bottom of hill slope.					
Condition		Site Status			
PRN	40826	Site name	YSTRAD-FAWR	NGR	SN42981175
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, averaging 0.75m in height but in poor condition and partly eroded, supporting intermittent, unmaintained hedge, mainly of thorn. Marked on 1844 tithe map.					
Recommendation					
Condition	B	Site Status			
PRN	40827	Site name	YSTRAD-FAWR	NGR	SN42851184
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 0.60m in height but in poor condition and with some erosion, supporting unmaintained hedge, mainly of thorn scrub. Marked on 1844 tithe map.					
Recommendation					
Condition	B	Site Status			

PRN	40828	Site name	YSTRAD-FAWR	NGR	SN42851184
Site type	EARTHWORK	Period	Unknown	Form	Earthwork
Description					
Slight, N-S linear hollow visible in field in May 2000 - possible ditch?. No map or AP evidence. PWC, May 2000.					
Recommendation					
Condition	U	Site Status			
PRN	40829	Site name	YSTRAD-FAWR	NGR	SN42681184
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Earth bank, with some stone, 0.75m in height, supporting maintained hedge of thorn, hazel and holly. Marked on 1844 tithe map.					
Recommendation					
Condition	A	Site Status			
PRN	40830	Site name	YSTRAD-FAWR	NGR	SN4252011870
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Earth bank, 0.60m in height, supporting maintained hedge of thorn, hazel and holly, which with PRN 40831 lines trackway from Llandyfaelog to Ystrad Fawr Farm. Farm and track are marked on OS Original Surveyors Drawings of 1812.					
Recommendation					
Condition	A	Site Status			
PRN	40831	Site name	YSTRAD-FAWR	NGR	SN4251011880
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Earth bank, 0.60m in height, supporting maintained hedge of thorn, hazel and holly, which with PRN 40830 lines trackway from Llandyfaelog to Ystrad Fawr Farm. Farm and track are marked on OS Original Surveyors Drawings of 1812.					
Recommendation					
Condition	A	Site Status			
PRN	40832	Site name	YSTRAD-FAWR	NGR	SN4248011989
Site type	FIELD BOUNDARY?	Period	Unknown	Form	None
Description					
Stream, straightened and now occupying a distinct ditch. Former field boundary? It no longer functions as a boundary and is not depicted as such on historic maps.					
Recommendation					
Condition		Site Status			
PRN	40833	Site name	YSTRAD-FAWR	NGR	SN42461206
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.00m high, supporting maintained hedge. Marked on 1844 tithe map.					
Recommendation					
Condition	A	Site Status			

PRN	40834	Site name	YSTRAD-FAWR	NGR	SN42421218
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Substantial bank, 1.25m high, supporting maintained thorn/elder hedge, with stockwire fencing. Marked on 1844 tithe map.					
Recommendation					
Condition	A	Site Status			
PRN	40835	Site name	YSTRAD-FAWR	NGR	SN42371235
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.20m high, supporting maintained thorn/hazel hedge, which with PRN 40836 lines the Llandyfaelog - Llangyndeyrn road. The road is marked on the OS Original Surveyor's Drawing of 1812.					
Recommendation					
Condition	A	Site Status			
PRN	40836	Site name	COEDLLINE	NGR	SN42361236
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.20m high, supporting maintained thorn/hazel hedge, which with PRN 40835 lines the Llandyfaelog - Llangyndeyrn road. The road is marked on the OS Original Surveyor's Drawing of 1812.					
Recommendation					
Condition	A	Site Status			
PRN	40837	Site name	COEDLLINE	NGR	SN42361240
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Former field boundary, now gone but line still visible as field evidence. Marked on 1844 tithe map.					
Recommendation					
Condition	D	Site Status			
PRN	40838	Site name	COEDLLINE	NGR	SN42351243
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.00m high, supporting maintained thorn/oak/hazel/holly hedge. Ditch, 0.50m deep, on N side. Marked on 1844 tithe map.					
Recommendation					
Condition	A	Site Status			
PRN	40839	Site name	COEDLLINE	NGR	SN42341250
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, forming 'lynchet' with 1.20m drop to the S, supporting maintained thorn/hazel/ash hedge. Marked on 1844 tithe map.					
Recommendation					
Condition	A	Site Status			

PRN 40840 **Site name** CRUGAN FACH **NGR** SN42301265
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Bank, forming 'lynchet' with 1.20m drop to the S, supporting maintained thorn/hazel hedge. Marked on 1844 tithe map.

Recommendation

Condition A

Site Status

PRN 40841 **Site name** CRUGAN FACH **NGR** SN42221273
Site type EARTHWORK **Period** Unknown **Form** Earthwork

Description

Possible physical evidence of former field boundary visible in May 2000. No historic map evidence. PWC, May 2000.

Recommendation

Record after turf strip and possibly after pipe trench cut.

Condition U

Site Status

PRN 40842 **Site name** CRUGAN FACH **NGR** SN42171277
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Bank, 1.20m high, supporting scrubby, unmaintained thorn/ash/oak hedge, with stockwire fencing. Ditch, 1.00m deep, on N side. Marked on 1844 tithe map.

Recommendation

Condition A

Site Status

PRN 40843 **Site name** CRUGAN FACH **NGR** SN42141281
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Former field boundary, visible as slight physical evidence. Not marked on 1844 tithe map, or 1964 OS map.

Recommendation

Condition D

Site Status

PRN 40844 **Site name** CRUGAN FACH **NGR** SN42071288
Site type FIELD BOUNDARY **Period** Post Med **Form** None

Description

Boundary, now represented by a stockwire fence, which with PRN 40845 lines trackway to Crugan Fach Farm. Neither farm nor track are marked on OS Original Surveyor's Drawings of 1812. Marked on 1844 tithe map.

Recommendation

Condition

Site Status

PRN 40845 **Site name** CRUGAN FACH **NGR** SN42071288
Site type FIELD BOUNDARY **Period** Post Med **Form** Earthwork

Description

Bank, supporting maintained thorn/hazel hedge and forming 'lynchet' with 1.5m drop to trackway to S. With PRN 40844 it lines this trackway, to Crugan Fach Farm. Neither farm nor track are marked on OS Original Surveyor's Drawings of 1812. Marked on 1844 tithe map.

Recommendation

Condition A

Site Status

PRN 40846	Site name CRUGAN FACH			NGR SN42031287
Site type QUARRY		Period	Post Med?	Form Earthwork
Description				
Small, disused quarry marked as 'Old Quarry' on 1891 OS map.				
Recommendation				
Pipeline avoids site no action other than recording more details while observing adjacent boundaries etc,				
Condition				Site Status
<hr/>				
PRN 40847	Site name CRUGAN FACH			NGR SN42071292
Site type PLATFORM?		Period	Unknown	Form Earthwork
Description				
Possible earthwork platform of unknown date and origin - however, a rocky outcrop at S end suggests a natural origin. No map evidence. PWC, May 2000.				
Recommendation				
Observe during both topsoil strip and pipe trench cutting. Record more details and confirm location.				
Condition U				Site Status
<hr/>				
PRN 40848	Site name CRUGAN FACH			NGR SN42071298
Site type FIELD BOUNDARY		Period	Unknown	Form Earthwork
Description				
Bank, 1m high, supporting maintained thorn/hazel hedge. Marked on 1844 tithe map.				
Recommendation				
Condition A				Site Status
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PRN 40849	Site name CRUGAN FACH			NGR SN42051318
Site type FIELD BOUNDARY		Period	Unknown	Form Earthwork
Description				
Bank, 1.20m high, supporting maintained thorn/hazel hedge. Marked on 1844 tithe map.				
Recommendation				
Condition A				Site Status
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PRN 40850	Site name BWLCH-Y-GWYNT			NGR SN41951340
Site type FIELD BOUNDARY		Period	Unknown	Form Earthwork
Description				
Bank, 1.00m high, supporting maintained hedge with immature ash and holly standards. Evidence of past laying. Overgrown ditch on N side. Marked on 1844 tithe map.				
Recommendation				
Condition A				Site Status
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PRN 40851	Site name BWLCH-Y-GWYNT			NGR SN41911352
Site type FIELD BOUNDARY		Period	Unknown	Form Earthwork
Description				
Former boundary. Little field evidence but slight trace of ditch. Marked on 1844 tithe map, gone by 1907.				
Recommendation				
Condition D				Site Status

PRN	40852	Site name	BWLCH-Y-GWYNT	NGR	SN41851364
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.00m high, supporting unmaintained hedge with mature trees inc. ash, oak and sycamore. Stockwire fenced. Ditch, 1.00m deep, on S side. Marked on 1844 tithe map.					
Recommendation					
Condition	A	Site Status			
PRN	40853	Site name	BWLCH-Y-GWYNT	NGR	SN41801378
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Former boundary. No visible field evidence in May 2000. Marked on 1844 tithe map, present on 1946 RAF aerial photographs, gone by 1964. PWC, May 2000.					
Recommendation					
Condition	D	Site Status			
PRN	40854	Site name	PARR'S CASTLE	NGR	SN41781380
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.00m high, supporting maintained hedge of sycamore with some thorn and holly. With PRN 40855 it lines the unclassified road from Llandyfaelog - Bancycafel, marked on the OS Original Surveyor's Drawings of 1812.					
Recommendation					
Condition	A	Site Status			
PRN	40855	Site name	BWLCH-Y-GWYNT	NGR	SN41771381
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.00m high but with a drop of 2.00m to the north, supporting unmaintained hedge of sycamore scrub with some thorn. With PRN 40854 it lines the unclassified road from Llandyfaelog - Bancycafel, marked on the OS Original Surveyor's Drawings of 1812.					
Recommendation					
Condition	A	Site Status			
PRN	40856	Site name	PARR'S CASTLE	NGR	SN41731395
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Former field boundary, now gone. No field evidence in May 2000. Marked on 1844 tithe map and 1907 OS map; not marked on 1964 OS map.					
Recommendation					
Condition	D	Site Status			

PRN 40857	Site name PARR'S CASTLE	NGR SN4167314173
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank, 0.60m high, eroded with many gaps, supporting intermittent hedge including mature oak and chestnut trees. Stockwire fenced. Marked on 1844 tithe map.

Recommendation

Avoid mature trees.

Condition B

Site Status

PRN 40858	Site name PARR'S CASTLE	NGR SN4163814244
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Former boundary around cottage PRN 22972. Marked on 1844 tithe map and 1907 OS map, gone by 1964 OS map. No visible field evidence, PWC May 2000. Possible undulation PC Sept. 20000.

Recommendation

Condition D

Site Status

PRN 40861	Site name BRYNCOCH	NGR SN4143314452
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank, 1.20m high, supporting thorn/hazel hedge with some mature beech? standards, now overgrown and with post-&-wire fence. Marked on 1844 tithe map.

Recommendation

Condition A

Site Status

PRN 40862	Site name BRYNCOCH	NGR SN4137214492
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Boundary now represented only by a slight break of slope (PWC, May 2000). Marked on 1844 tithe map, and visible on 1946 RAF aerial photographs; gone by 1964 OS map.

Recommendation

Condition D

Site Status

PRN 40863	Site name BRYNCOCH	NGR SN41271460
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank supporting maintained thorn/hazel hedge, with double stockwire fencing. Marked on 1844 tithe map.

Recommendation

Condition A

Site Status

PRN 40864	Site name BRYNCOCH	NGR SN4127214568
Site type FIELD BOUNDARY	Period Post Med?	Form Earthwork

Description

Bank, 1.00m high, supporting maintained thorn/hazel hedge, with stockwire fencing. Along with PRN 40865 it lines the A484 Carmarthen - Kidwelly road which is marked on the same line on the OS Original Surveyor's Drawings of 1812; it may, however, have been subsequently widened.

Recommendation

Condition A	Site Status
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PRN 40865	Site name PLASGWYN	NGR SN4125814580
Site type FIELD BOUNDARY	Period Post Med?	Form Earthwork

Description

Bank, 0.75m high, supporting maintained thorn/hazel hedge, with stockwire fencing. Along with PRN 40864 it lines the A484 Carmarthen - Kidwelly road which is marked on the same line on the OS Original Surveyor's Drawings of 1812; it may, however, have been subsequently widened.

Recommendation

Condition A	Site Status
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PRN 40866	Site name PLASGWYN	NGR SN41171468
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank, 1.20m high, supporting partially maintained thorn/hazel/sycamore hedge, with some mature standards and double stockwire fencing. Marked on 1844 tithe map.

Recommendation

Avoid mature tree close to line

Condition A	Site Status
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PRN 40867	Site name PLASGWYN	NGR SN40951486
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Former boundary, now gone, with only slight physical evidence. Marked on 1844 tithe map and 1964 OS map.

Recommendation

Condition D	Site Status
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PRN 40868	Site name PLASGWYN	NGR SN40851494
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank, supporting maintained hedge with mature oak and sycamore standards. With PRN 40869 it lines a trackway to Plasgwyn Mansion (PRN 20941). Trackway and farm are marked on the OS Original Surveyor's Drawings of 1812.

Recommendation

Avoid mature trees.

Condition A	Site Status
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PRN	40869	Site name	PLASGWYN	NGR	SN40841495
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, supporting maintained hedge with mature oak and sycamore standards. With PRN 40868 it lines a trackway to Plasgwyn Mansion (PRN 20941). Trackway and farm are marked on the OS Original Surveyor's Drawings of 1812.					
Recommendation					
Avoid mature trees.					
Condition	A	Site Status			
PRN	40870	Site name	PLASGWYN	NGR	SN40701506
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.50m high, supporting maintained hedge with holly and hazel, and mature oak and ash standards, also stockwire fencing. Ditch, 1.25m deep, on E side, and?modern trackway on W side. Boundary marked on 1844 tithe map.					
Recommendation					
Avoid mature trees.					
Condition	A	Site Status			
PRN	40871	Site name	PLASGWYN	NGR	SN4052515191
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Boundary represented by 2m break of slope downhill to W, supporting maintained thorn/hazel hedge, and a few mature standards. Marked on 1844 tithe map.					
Recommendation					
Condition	A	Site Status			
PRN	40872	Site name	PLASGWYN	NGR	SN4046015238
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Boundary represented by 2m break of slope downhill to the trackway to the W, supporting maintained thorn/hazel/sycamore hedge. With PRN 40873 it lines a partly metalled trackway from Croesyceiliog to Towy Castle, marked on OS Original Surveyors Drawings of 1812.					
Recommendation					
Condition	A	Site Status			
PRN	40873	Site name	PLASGWYN	NGR	SN4045515242
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.00m high, supporting maintained thorn/hazel/sycamore hedge. With PRN 40872 it lines a partly metalled trackway from Croesyceiliog to Towy Castle, marked on OS Original Surveyors Drawings of 1812.					
Recommendation					
Condition	A	Site Status			

PRN 40874 Site name PLASGWYN NGR SN4034215320
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Slight bank, 0.50m-1.00m high, on SE side of steep slope supporting a line of oak, hazel, thorn and ash standards, with double stockwire fencing. Marked on 1844 tithe map.

Recommendation

Condition A

Site Status

PRN 40876 Site name PLASGWYN NGR SN401154
Site type FISH WEIR Period Post Med? Form Documents

Description

An 'ancient weir for taking salmon and sewin', attached to the Plasgwyn estate, was erected in the Tywi estuary - probably within NGR square SN401504. No physical evidence was observed in May 2000 (PWC, May 2000).

Recommendation

Observe for this structure during crossing of the Towy river banks and adjacent mudflats.

Condition

Site Status

PRN 40877 Site name PENHEN NGR SN4002815495
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Slight bank, mainly lychet type, with a drainage ditch 0.50m deep on the east side, but only further north than pipeline cut. Boundary supports many mature ash and oak standards, with 2 oaks 20m north of pipeline cut. Boundary marked on 1841 tithe map, which however only shows ownership blocks.

Recommendation

Avoid mature trees.

Condition A

Site Status

PRN 40878 Site name PENHEN NGR SN3988515512
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Boundary represented by a possible 'lynchet' 1m high but without a bank, supporting a maintained hedge of hazel and thorn with mature oak and ash standards. Pipeline now passes through gateway. Mature ash c.25m north of pipeline cut. Not marked on 1841 tithe map, which however only shows ownership blocks.

Recommendation

Avoid mature trees.

Condition A

Site Status

PRN 40879 Site name PENHEN NGR SN3975015526
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Boundary represented by a 'lynchet' with a 1.20m drop to the E and without a bank, supporting a maintained hedge with mature oak and ash standards. Not marked on 1841 tithe map, which however only shows ownership blocks.

Recommendation

Condition A

Site Status

PRN	40881	Site name	PENHEN			NGR	SN3961615542
Site type	FIELD BOUNDARY			Period	Unknown	Form	Earthwork
Description							
Bank, 1.20m high, supporting a maintained thorn/hazel hedge. With PRN 40882 it lines an unmetalled 'green lane' trackway. Not marked on 1841 tithe map, which however only shows ownership blocks.							
Recommendation							
Condition	A					Site Status	
PRN	40882	Site name	PENHEN			NGR	SN3959015545
Site type	FIELD BOUNDARY			Period	Post Med	Form	None
Description							
Boundary represented by post-&-wire fence, not shown before 1964 OS map. With PRN 40881 it lines an unmetalled 'green lane' trackway.							
Recommendation							
Condition						Site Status	
PRN	40883	Site name	PENHEN			NGR	SN3940515704
Site type	FIELD BOUNDARY			Period	Unknown	Form	Earthwork
Description							
Bank, 0.50m high, supporting a maintained thorn/sycamore hedge with some mature oak and ash standards. One rowan?, holly and ash scrub trees near pipeline cu. Marked on 1841 tithe map which only shows ownership boundaries. With PRN 40884 it lines a metalled trackway, slightly sunken (0.50m deep).							
Recommendation							
Condition	A					Site Status	
PRN	40884	Site name	OLD CASTLE			NGR	SN3940115712
Site type	FIELD BOUNDARY			Period	Post Med	Form	Earthwork
Description							
Bank, 1.2m high, supporting a maintained thorn/sycamore hedge. Marked on 1841 tithe map which only shows ownership boundaries. Mature tree outside of corridor to east. With PRN 40883 it lines a metalled trackway, slightly sunken (0.50m deep).							
Recommendation							
Condition	A					Site Status	
PRN	40885	Site name	OLD CASTLE			NGR	SN3932815846
Site type	FIELD BOUNDARY			Period	Unknown	Form	None
Description							
Boundary, here formed by W-E flowing stream, the southern bank of which is lined by a large number of mature oak, ash and sycamore standards, supplemented by a post-and-wire fence.							
Recommendation							
Avoid mature trees.							
Condition						Site Status	

PRN 40886 **Site name** OLD CASTLE **NGR** SN39251593
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Former boundary, now gone, marked on 1905 OS map and shown on 1946 aerial photographs. Gone by 1964 OS map. Very slight field evidence (PWC, May 2000). Not marked on 1841 tithe map, which only shows ownership boundaries.

Recommendation

Condition D **Site Status**

PRN 40887 **Site name** OLD CASTLE **NGR** SN3923516017
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Bank, 1.00m high, containing some stone and supporting an maintained scrubby hedge of thorn, with some semi-mature oak and ash trees. Stockwire fenced. Not marked on 1841 tithe map which only shows ownership boundaries.

Recommendation

Condition A **Site Status**

PRN 40888 **Site name** TAN-Y-BANC **NGR** SN3920616078
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Boundary, here represented by a small stream with a bank, 0.60m high, to the north which supports a dense growth of trees inc. oak, ash, willow and thorn. Post-and-wire fence along S bank. Not marked on 1841 tithe map which only shows ownership boundaries.

Recommendation

Avoid mature trees.

Condition A **Site Status**

PRN 40889 **Site name** TAN-Y-BANC **NGR** SN3908516182
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Bank, 0.50m high but with greater drop to the N, supporting unmaintained hedge reverting to dense thorn/hazel scrub with mature oaks. Stockwire fencing. Not marked on 1841 tithe map which only shows ownership boundaries.

Recommendation

Condition A **Site Status**

PRN 40890 **Site name** TAN-Y-BANC **NGR** SN3896516245
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Bank, 1.00m high, supporting maintained thorn/hazel hedge. With PRN 40891 it lines the B4312, depicted on the OS Original Surveyor's Drawings of 1812.

Recommendation

Condition A **Site Status**

PRN 40891	Site name PEN-Y-COED	NGR SN3895916276
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Grass-covered bank, 1.20m high, without hedge. With PRN 40890 it lines the B4312, depicted on the OS Original Surveyor's Drawings of 1812.

Recommendation

Condition A

Site Status

PRN 40892	Site name PEN-Y-COED	NGR SN38931628
Site type FIELD	Period Unknown	Form Enclosure

Description

N, S and E boundaries of a small field enclosure, and the enclosure itself, taken together because all heavily wooded with indistinguishable elements, except the stream forming the S boundary. Vegetation comprises mature oak, hazel and holly. Not marked on the 1841 tithe map which only shows ownership divisions.

Recommendation

Condition

Site Status

PRN 40893	Site name PEN-Y-COED	NGR SN38901631
Site type QUARRY	Period Post Med?	Form Earthwork

Description

Small, disused quarry, overgrown, but with a modern entrance. Not marked on historic maps or on the 1964 OS map - recent feature?

Recommendation

Modern feature, no action.

Condition

Site Status

PRN 40894	Site name PEN-Y-COED	NGR SN38901634
Site type FIELD BOUNDARY	Period Modern	Form None

Description

Modern boundary comprising post-and-wire fence. First shown on 1964 OS map.

Recommendation

Condition

Site Status

PRN 40895	Site name PEN-Y-COED	NGR SN38861638
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Boundary, without bank but with steep drop to S, with unmaintained thorn/hazel scrub. Not marked on the 1841 tithe map which only shows ownership boundaries.

Recommendation

Condition A

Site Status

PRN	40896	Site name	PEN-Y-COED	NGR	SN38841644
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 0.75m high, with some stone, supporting maintained thorn/hazel hedge, with barbed-wire fence. Not marked on the 1841 tithe map which only shows ownership boundaries.					
Recommendation					
Condition	A	Site Status			
PRN	40897	Site name	PEN-Y-COED	NGR	SN38731654
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 0.50m drop to east, 1.50m drop to west (road), supporting maintained thorn/hazel hedge with some mature oak, ash and holly standards, and barbed-wire fence. With PRN 40898 lines a metalled, sunken roadway marked on the OS Original Surveyor's Drawings of 1812.					
Recommendation					
Avoid mature trees.					
Condition	A	Site Status			
PRN	40898	Site name	YSTRAD-WALTER	NGR	SN38721654
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 0.50m drop to west, 1.20m drop to east (road), supporting maintained thorn/hazel hedge, and barbed-wire fence. Slight ditch along roadside. With PRN 40897 lines a metalled, sunken roadway marked on the OS Original Surveyor's Drawings of 1812.					
Recommendation					
Condition	A	Site Status			
PRN	40899	Site name	YSTRAD-WALTER	NGR	SN3864516550
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Former boundary, now gone, with only slight physical evidence in May 2000. Not marked on the 1841 tithe map which only shows ownership boundaries, and gone by 1964 OS map.					
Recommendation					
Condition	D	Site Status			
PRN	40900	Site name	YSTRAD-WALTER	NGR	SN3862516586
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, 1.00m high, supporting maintained thorn/hazel/sycamore hedge, with barbed-wire fence on both sides. Not marked on the 1841 tithe map which only shows ownership boundaries.					
Recommendation					
Condition	A	Site Status			

PRN 40901	Site name YSTRAD-WALTER	NGR SN3840016640
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank, 1m high, supporting maintained thorn/hazel/holly/sycamore hedge, with some mature oak and ash standards. With PRN 40902 lines a trackway and small enclosure. The trackway forms one of the 'Llangain paths' public footpaths and recently metalled. It is marked on the OS Original Surveyor's Drawings of 1812.

Recommendation

Avoid mature trees.

Condition A

Site Status

PRN 40902	Site name YSTRAD-WALTER	NGR SN3837016630
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank, 1m high, supporting maintained thorn/hazel/holly/sycamore hedge, with some mature oak and ash standards. With PRN 40901 lines a trackway and small enclosure. The trackway forms one of the 'Llangain paths' public footpaths and recently metalled. It is marked on the OS Original Surveyor's Drawings of 1812.

Recommendation

Condition A

Site Status

PRN 40903	Site name YSTRAD-WALTER	NGR SN38351656
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank, approx. 0.75m high, mainly supporting mature oaks. Ditch, 1m deep, along N side. With PRN 40904 it lines a disused, 'green lane' trackway marked on the OS Original Surveyor's Drawings of 1812, and suggested on the Cwrt Malle estate map of 1773.

Recommendation

Condition A

Site Status

PRN 40904	Site name YSTRAD-WALTER	NGR SN38351657
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank, approx. 0.75m high, mainly supporting mature oaks. With PRN 40903 it lines a disused, 'green lane' trackway marked on the OS Original Surveyor's Drawings of 1812 and suggested on the Cwrt Malle estate map of 1773.

Recommendation

Condition A

Site Status

PRN 40905	Site name YSTRAD-WALTER	NGR SN3821416566
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Former boundary, now gone and without physical evidence. Marked on 1773 Cwrt Malle estate map, but not on 1841 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs of 1946, but gone by 1964 OS map.

Recommendation

Condition D

Site Status

PRN 40906 Site name YSTRAD-WALTER NGR SN3818916556
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Former boundary, now gone and with only slight physical evidence, which with PRN 40907, formerly lined a trackway S of Ystrad Walter Farm. The track is suggested on the 1773 Cwrt Malle estate map, and marked on 1841 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs of 1946, but gone by 1964 OS map.

Recommendation

Condition D Site Status

PRN 40907 Site name YSTRAD-WALTER NGR SN3817316550
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Former boundary, now gone and with only slight physical evidence, which with PRN 40906, formerly lined a trackway S of Ystrad Walter Farm. The track is suggested on the Cwrt Malle estate map of 1773, and marked on 1841 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs of 1946, but gone by 1964 OS map.

Recommendation

Condition D Site Status

PRN 40909 Site name PERTH Y CLINIE NGR SN38131660
Site type COTTAGE? Period Unknown Form Documents

Description

Cottage site marked on the 1773 Cwrt Malle estate map, and on the 1841 tithe map, but gone by 1905 OS map. Now represented by a pile of loose stones, some lime-mortared, adjacent to a mature oak standard.

Recommendation

Avoided, in northern part of pipeline corridor. Do not move route to north. Possible observation of this area during turf stripping.

Condition U Site Status

PRN 40911 Site name YSTRAD-WALTER NGR SN3785416428
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Bank, 1.00m high, supporting overgrown thorn/hazel/willow hedge with many mature oak. Ditch, 1.00m deep, on E side with similar depth ditch but wider on west side. Marked on 1773 Cwrt Malle estate map.

Recommendation

Take through gap and avoid mature trees.

Condition A Site Status

PRN 40915 Site name YSTRAD-WALTER NGR SN378165
Site type EARTHWORK Period Unknown Form Earthwork

Description

Substantial earthwork bank following the contour of a W facing hillslope SE of Ystrad Walter Farm. It appears to form a spur with the apex to the W, and a possible entrance. There is no map evidence for the bank, which may therefore be of early date (eg. part of a fortification? Iron Age?) but could be a natural feature.

Recommendation

Observed after topsoil stripping to see if any features adjacent.

Condition U Site Status

PRN 40916	Site name YSTRAD-WALTER	NGR SN3763016540
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Former boundary, now gone and without physical evidence. Marked on the 1773 Cwrt Malle estate map, but not on the 1841 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs of 1946, but gone by 1964 OS map.

Recommendation

Condition D

Site Status

PRN 40918	Site name CWRT MALLE	NGR SN3758016570
Site type FIELD BOUNDARY	Period Unknown	Form None

Description

Boundary represented by the N-S flowing Fernhill Brook, which is lined with willow/hazel scrub, some of it mature. Electric fence on north side. It is also the parish boundary between Llangain and Llangynog parishes; marked on the 1773 Cwrt Malle estate map, and on tithe maps from 1840 and 1841.

Recommendation

Condition

Site Status

PRN 40919	Site name CWRT MALLE	NGR SN3755016580
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank, 0.50m high, supporting unmaintained, scrubby thorn/hazel hedge with some mature oaks, hornbeam? and sycamore. Ditch 1.00m deep, wet, on N side. Not marked on the 1773 Cwrt Malle estate map, or on the 1840 tithe map which only shows ownership boundaries. Pipeline now located at modern culverted gap through boundary.

Recommendation

Avoid mature trees.

Condition A

Site Status

PRN 40920	Site name CWRT MALLE	NGR SN37331676
Site type COTTAGE?	Period Post Med	Form Documents

Description

A possible former cottage site appears to be represented by an open rectangle on 1891 and 1964 OS maps. No physical evidence in the field (PWC, May 2000).

Recommendation

Site of former cottage? Avoided do not move route to north.

Condition

Site Status

PRN 40923	Site name CWRT MALLE	NGR SN37051684
Site type FIELD BOUNDARY	Period Post Med	Form Earthwork

Description

Bank, 1.20m high, supporting maintained thorn/hazel/sycamore hedge, with stockwire fencing. Not marked on the 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition A

Site Status

PRN 40924 Site name CWRT MALLE NGR SN36871691
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Bank, 1.50m high, supporting maintained thorn/hazel hedge with some oak, and stockwire fence. Modern ditch to south. With PRN 40925 lines a metalled road from Llanllwch to Llangynog marked on the 1773 Cwrt Malle estate map, and the OS Original Surveyor's Drawings of 1812.

Recommendation

Condition A Site Status

PRN 40925 Site name NANT-Y-GOG NGR SN36861692
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Bank, 1.50m high, supporting maintained thorn/hazel hedge with some oak, and stockwire fence. With PRN 40924 lines a metalled road from Llanllwch to Llangynog marked on the 1773 Cwrt Malle estate map, and the OS Original Surveyor's Drawings of 1812.

Recommendation

Condition A Site Status

PRN 40926 Site name NANT-Y-GOG NGR SN36731702
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Former field boundary, now gone, without any physical evidence. Not marked on 1840 tithe map which only shows ownership boundaries. Still present on 1964 OS map.

Recommendation

Note that oil pipeline appears to be further north by markers in adjacent hedges than on the map supplied.

Condition D Site Status

PRN 40927 Site name WERNOLAU NGR SN3651017170
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Bank, 1.00m high, supporting maintained thorn/hazel hedge, with ditch, 0.50m deep, on E side. With PRN 40928 it lines a metalled trackway to Wernolau Farm marked on the OS Original Surveyor's Drawings of 1812.

Recommendation

Condition A Site Status

PRN 40929 Site name WERNOLAU NGR SN36461709
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Bank, 1.00m high, supporting maintained thorn/hazel/oak hedge, with a few mature standards. Not marked on the 1840 tithe map which only shows ownership boundaries.

Recommendation

Avoid mature trees.

Condition A Site Status

PRN 40930	Site name WERNOLAU			NGR SN3633417170
Site type FIELD BOUNDARY		Period Unknown		Form Earthwork
Description				
Bank, 1.00m high, supporting hedge with densely spaced mature oak, sycamore and ash, and barbed wire fence. Ditch, 0.50m deep, on N side, and possible trackway, now overgrown. Not marked on the 1840 tithe map which only shows ownership boundaries.				
Recommendation				
Avoid mature trees.				
Condition A				Site Status
PRN 40931	Site name PEN-PARCIAU			NGR SN3630617200
Site type FIELD BOUNDARY		Period Unknown		Form Earthwork
Description				
Bank, 0.50m high, supporting maintained thorn/hazel hedge with a few mature oak standards. Ditch, 1.00m-2.00m deep, on E side. Marked on the 1840 tithe map which only shows ownership boundaries.				
Recommendation				
Avoid mature trees.				
Condition A				Site Status
PRN 40932	Site name PEN-PARCIAU			NGR SN3625017180
Site type FIELD BOUNDARY		Period Unknown		Form Earthwork
Description				
Former boundary, now gone, with slight physical evidence. Not marked on the 1840 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs, of 1946, but gone by 1964 OS map.				
Recommendation				
Condition D				Site Status
PRN 40933	Site name PEN-PARCIAU			NGR SN36151730
Site type FIELD BOUNDARY		Period Unknown		Form Earthwork
Description				
Former boundary, now gone, with slight physical evidence. Not marked on the 1840 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs, of 1946, but gone by 1964 OS map.				
Recommendation				
Condition D				Site Status
PRN 40934	Site name PEN-PARCIAU			NGR SN35991740
Site type FIELD BOUNDARY		Period Post Med		Form Earthwork
Description				
Boundary, now represented by a post-and-wire fence, which with PRN 40935 lines a metalled trackway to Pen-parciau Farm. The track is not marked on the OS Original Surveyor's Drawings of 1812, which appear to show a 'green lane' between Pen-parciau and Wernolau farms in the field immediately south of this boundary. The present track is first marked on the 1840 tithe map.				
Recommendation				
Condition D				Site Status

PRN 40935 **Site name** PEN-PARCIAU **NGR** SN35991741
Site type FIELD BOUNDARY **Period** Post Med **Form** Earthwork

Description

Bank, 1.20m high, supporting maintained thorn/hazel/sycamore hedge, which with PRN 40934 lines a metalled trackway to Pen-parciau Farm. The track is not marked on the OS Original Surveyor's Drawings of 1812, which appear to show a 'green lane' between Pen-parciau and Wemolau farms in the field immediately south of boundary 40934. The present track is first marked on the 1840 tithe map.

Recommendation

Move 5m to south-west to avoid cutting PRN 40936.

Condition A **Site Status**

PRN 40936 **Site name** PEN-PARCIAU **NGR** SN35981741
Site type FIELD BOUNDARY **Period** Post Med **Form** Earthwork

Description

Bank?, supporting unmaintained, scrubby thorn/hazel hedge, with maturing oak and ash standards. Marked on the 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition A **Site Status**

PRN 40937 **Site name** PEN-PARCIAU **NGR** SN35841747
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Bank, 1.00m high, supporting maintained thorn/hazel hedge, with stockwire fencing and a ditch on E side. This boundary is shown as defining a trackway to a farm to the north ('Ty coch'), on the OS Original Surveyor's Drawings of 1812. Both farm and track had gone by the 1891 OS map.

Recommendation

Condition A **Site Status**

PRN 40938 **Site name** PARC-Y-RHOS **NGR** SN35731747
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Former N-S running boundary, now gone, without physical evidence. Not marked on 1840 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs of 1946, but gone by 1964 OS map.

Recommendation

Condition D **Site Status**

PRN 40939 **Site name** PARC-Y-RHOS **NGR** SN35601744
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Bank, 0.75m high, supporting unmaintained thorn/hazel hedge, going to scrub. Ditch, 0.50m deep, on W side. Marked on 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition A **Site Status**

PRN 40940	Site name PARC-Y-RHOS		NGR SN35521741
Site type FIELD BOUNDARY		Period Unknown	Form Earthwork
Description			
Former N-S running boundary, now gone, with slight physical traces in May 2000. Not marked on 1840 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs of 1946, but had gone by 1964 OS maps.			
Recommendation			
Condition D		Site Status	

PRN 40941	Site name PARC-Y-RHOS		NGR SN35431738
Site type FIELD BOUNDARY		Period Unknown	Form Earthwork
Description			
Former E-W running boundary, now gone, with slight physical traces in May 2000. Not marked on 1840 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs of 1946, but had gone by 1964 OS maps.			
Recommendation			
Condition D		Site Status	

PRN 40942	Site name PARC-Y-RHOS		NGR SN3544017400
Site type FIELD BOUNDARY		Period Unknown	Form Earthwork
Description			
Former N-S running boundary, now gone, with slight physical traces in May 2000. Not marked on 1840 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs of 1946, but had gone by 1964 OS maps.			
Recommendation			
Condition D		Site Status	

PRN 40943	Site name PARC-Y-RHOS		NGR SN35301734
Site type FIELD BOUNDARY		Period Unknown	Form Earthwork
Description			
Bank, 1.00m high, largely bare and poorly-maintained but with some scrubby thorn/willow/hazel in areas, and both post-and-wire, and barbed wire fencing. Not marked on 1840 tithe map which only shows ownership boundaries.			
Recommendation			
Condition B		Site Status	

PRN 40945	Site name LAN-ISAF		NGR SN3518517480
Site type FIELD BOUNDARY		Period Unknown	Form Earthwork
Description			
Former E-W running boundary, now gone, with no physical traces in May 2000. Not marked on 1840 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs of 1946, but had gone by 1964 OS maps.			
Recommendation			
Condition D		Site Status	

PRN 40946 **Site name** LAN-ISAF **NGR** SN3502617520
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Bank, 0.75m high, supporting maintained thorn/hazel hedge. Not marked on 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition A **Site Status**

PRN 40947 **Site name** PEN-PLAS **NGR** SN34881758
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Bank, 1.00m high, supporting maintained thorn/hazel hedge. With PRN 40948 it lines a single-track road to Pen-plas Farm, which is not sunken and is marked on the OS Original Surveyor's Drawings of 1812.

Recommendation

Condition A **Site Status**

PRN 40948 **Site name** PEN-PLAS **NGR** SN34871758
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Bank, 1.00m high, supporting maintained thorn/hazel hedge. With PRN 40947 it lines a single-track road to Pen-plas Farm, which is not sunken and is marked on the OS Original Surveyor's Drawings of 1812.

Recommendation

Condition A **Site Status**

PRN 40949 **Site name** PEN-PLAS **NGR** SN34811765
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Former NW-SE running boundary, now gone and without physical evidence in May 2000. Not marked on 1840 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs of 1946, but had gone by 1964 OS map.

Recommendation

Condition D **Site Status**

PRN 40950 **Site name** PEN-PLAS **NGR** SN34771767
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Former SW-NE running boundary, now gone and without physical evidence in May 2000. Not marked on 1840 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs of 1946, but had gone by 1964 OS map.

Recommendation

Condition D **Site Status**

PRN 40951	Site name PEN-PLAS			NGR SN3472017743
Site type FIELD BOUNDARY		Period Unknown		Form Earthwork
Description				
Bank, 1.00m high, supporting maintained thorn/hazel hedge, with post-and-wire fence. Not marked on 1840 tithe map which only shows ownership boundaries.				
Recommendation				
Condition A				Site Status
PRN 40952	Site name PEN-PLAS			NGR SN3467017792
Site type FIELD BOUNDARY		Period Unknown		Form Earthwork
Description				
Bank, 0.50m high to S but with a greater drop to N, supporting maintained thorn/hazel hedge, with post-and-wire fence. Not marked on 1840 tithe map which only shows ownership boundaries.				
Recommendation				
Condition A				Site Status
PRN 40953	Site name PEN-PLAS			NGR SN3463617805
Site type FIELD BOUNDARY		Period Unknown		Form Earthwork
Description				
Boundary with slight bank, and a 1.20m drop down to the N, supporting a line of mature oak standards (shown on 1891 OS map) and some thorn/holly scrub, with a post-and-wire fence. Modern green trackway immediately to N. Marked on the 1840 tithe map which only shows ownership boundaries.				
Recommendation				
Avoid mature trees.				
Condition A				Site Status
PRN 40954	Site name BRYNHEBOG			NGR SN3452217925
Site type FIELD BOUNDARY		Period Unknown		Form Earthwork
Description				
Bank, earth and stone, 1.20m high, supporting an unmaintained scrubby hedge of thorn, ash and hazel with some young trees. Not marked on the 1840 tithe map which only shows ownership boundaries.				
Recommendation				
Condition B				Site Status
PRN 40955	Site name BRYNHEBOG			NGR SN3444717988
Site type FIELD BOUNDARY		Period Unknown		Form Earthwork
Description				
Bank, 0.50m high, with a greater drop to N, supporting an unmaintained thorn/hazel hedge reverting to scrub, with stockwire fencing. Marked on the 1840 tithe map which only shows ownership boundaries.				
Recommendation				
Condition A				Site Status

PRN 40956 **Site name** BRYNHEBOG **NGR** SN3435418070
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Bank, 1.20m high, with a greater drop to N, supporting an unmaintained, very overgrown thorn/hazel hedge. Not marked on the 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition A **Site Status**

PRN 40957 **Site name** BRYNHEBOG **NGR** SN34261813
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Bank, 1.50m high but stepping down from N to S, supporting maintained thorn/hazel hedge supplemented with a small area of breeze-block walling. With PRN 40958 it lines a single-track road to Coedcae Farm, which is marked on the OS Original Surveyor's Drawings of 1812.

Recommendation

Condition A **Site Status**

PRN 40958 **Site name** FELIN FACH **NGR** SN34251814
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Bank, 1.50m high but stepping down from N to S, supporting maintained thorn/hazel hedge. With PRN 40957 it lines a single-track road to Coedcae Farm, which is marked on the OS Original Surveyor's Drawings of 1812.

Recommendation

Condition A **Site Status**

PRN 40959 **Site name** FELIN FACH **NGR** SN34241817
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Boundary represented by a 1.50m step down from N to S, supporting unmaintained thorn/hazel hedge. Marked on the 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition A **Site Status**

PRN 40960 **Site name** FELIN FACH **NGR** SN34161824
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Bank, 1.20m high, supporting partly maintained thorn/hazel/sycamore hedge with some mature standards. Not marked on the 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition A **Site Status**

PRN	40961	Site name	COEDCAE	NGR	SN34141826
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork

Description

Bank, 1.20m high, supporting unmaintained thorn/hazel hedge. Marked on the 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition	A	Site Status
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PRN	40962	Site name	COEDCAE	NGR	SN34021843
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork

Description

Bank, 1.00m high, supporting unmaintained thorn/hazel/willow hedge. Ditch, 0.75m deep, to N. Not marked on the 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition	A	Site Status
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PRN	40963	Site name	COEDCAE	NGR	SN33981850
Site type	FIELD BOUNDARY	Period	Unknown	Form	None

Description

Boundary here represented by the E flowing Nant Coedcae, with a few intermittent scrubby willows and a stockwire fence. Ditch, 0.75m deep, to N. Marked on the 1840 tithe map.

Recommendation

Condition		Site Status
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PRN	40964	Site name	COEDCAE	NGR	SN33861853
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork

Description

Boundary ditch flowing N-S into Nant Coedcae with a few intermittent scrubby hawthorns and a barbed wire fence. Not marked on the 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition	A	Site Status
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PRN	40965	Site name	COEDCAE	NGR	SN33741853
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork

Description

Bank, 1.40m high, supporting maintained thorn/hazel hedge. With PRN 40966 it lines a single-track road to Coedcae Farm, which is marked on the OS Original Surveyor's Drawings of 1812.

Recommendation

Condition	A	Site Status
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PRN 40966 Site name COEDCAE NGR SN33731852
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Bank, 1.40m high, supporting maintained thorn/hazel hedge. With PRN 40965 it lines a single-track road to Coedcae Farm, which is marked on the OS Original Surveyor's Drawings of 1812.

Recommendation

Condition A Site Status

PRN 40967 Site name COEDCAE NGR SN33571843
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Former field boundary, N-S running, now gone with only slight field evidence. Not marked on 1840 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs of 1946, but had gone by 1964 OS map.

Recommendation

Condition D Site Status

PRN 40968 Site name COEDCAE NGR SN33541840
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Former field boundary, N-S running, now gone with only slight field evidence. Not marked on 1840 tithe map which only shows ownership boundaries. Appears on RAF aerial photographs of 1946, but had gone by 1964 OS map.

Recommendation

Condition D Site Status

PRN 40969 Site name LODGE FARM NGR SN3335418504
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Slight bank, supporting unmaintained thorn/willow scrub with some mature oak standards, and stockwire fencing. Broad ditch to W, with barbed wire fence. Marked on the 1840 tithe map which only shows ownership boundaries.

Recommendation

Avoid mature trees

Condition A Site Status

PRN 40970 Site name LODGE FARM NGR SN3310518420
Site type FIELD BOUNDARY Period Unknown Form Earthwork

Description

Double-ditched bank, 0.60m high, supporting unmaintained thorn/willow scrub with some maturing ash and oak standards, and stockwire fencing. Broad ditch to W, 0.75m deep. Narrower ditch to E. Marked on the 1840 tithe map which only shows ownership boundaries.

Recommendation

Avoid mature trees.

Condition A Site Status

PRN 40971	Site name LODGE FARM	NGR SN3287018488
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank supporting maintained thorn/hazel hedge. With PRN 40972 it lines the former A40 which occupies a slight embankment, with a ditch along its N side, at this point. The road is marked on the OS Original Surveyor's Drawings of 1812. Embankment and boundaries are however probably relatively recent.

Recommendation

Condition A

Site Status

PRN 40972	Site name LODGE FARM	NGR SN3285518500
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank supporting maintained thorn/hazel hedge. With PRN 40971 it lines the former A40 which occupies a slight embankment, with a ditch along its N side, at this point. The road is marked on the OS Original Surveyor's Drawings of 1812. Embankment and boundaries are however probably relatively recent.

Recommendation

Condition A

Site Status

PRN 40973	Site name RIVER TOWY	NGR SN40151549
Site type RIVER SEGMENT	Period General	Form Landform

Description

Segment of river and adjacent banks 50m on either side of proposed pipeline cut. Salt marsh with channels and steep mud banks on either side of River Towy.

Recommendation

Environmental potential for sampling. Possibly better sampling on west side. Also record any revealed strata during cutting for pipe and observe for other features: bank revetment, fish weir, wrecks, etc.

Condition

Site Status

PRN 41978	Site name GWNDWN-BACH	NGR SN4588509122
Site type TRACKWAY	Period Post Med	Form Earthwork

Description

Trackway, running NW-SE, metalled but not maintained recently, depicted on OS Original Surveyors Drawings, Sheet 180, of 1812 (see PRN 40776). Banks on either side supports semi-mature/mature trees inc. sycamore, hazel, beech and thorn. Unmaintained. 1848 tithe map damaged for this location.

Recommendation

Condition A

Site Status

PRN 41979	Site name GREENHALL	NGR SN4463309811
Site type BOUNDARY	Period Post Med	Form Hedgeline

Description

No boundary fence or bank, just the junction between pasture and woodland. Obscured on OS Original Surveyors Drawings, Sheet 180, of 1812. Woodland supports semi-mature/mature trees inc. ash, hazel, and holly on steep slope. Unmaintained.

Recommendation

Condition U

Site Status

PRN 41980 **Site name** GREENHALL **NGR** SN4463209820
Site type QUARRY **Period** Post Med **Form** Earthwork
Description
Two quarry segments both c.4m wide and c.5m back into hillslope and now max. 1.250m deep. There may be further small cuts adjacent. All in woodland see PRN 41970.
Recommendation
Before any groundworks rapid measured recoring of quarries. Observe and record features during cutting by pipeline works.
Condition A **Site Status**

PRN 41981 **Site name** GREENHALL **NGR** SN4464509848
Site type TRACKWAY **Period** Post Med **Form** Earthwork
Description
Sleep narrow trackway rising from Greenhall Farm, possibly doubling back to lime kilns. Partly in woodland see PRN 41970.
Recommendation
Condition B **Site Status**

PRN 41982 **Site name** GREENHALL **NGR** SN4461009825
Site type BOUNDARY **Period** Post Med **Form** Earthwork
Description
Old stone bank c. 0.5m high and 1m wide and at this point runs along top of ridge. Topped with posts and stockwire and barbed wire. Obscured on OS Original Surveyors Drawings, Sheet 180, of 1812. In woodland which supports semi-mature/mature trees inc. ash, hazel, and holly on steep slope. Unmaintained.
Recommendation
Condition B **Site Status**

PRN 41983 **Site name** WAUN REGWM **NGR** SN4460209836
Site type BOUNDARY **Period** Post Med **Form** O.Struct
Description
Stockwite fence on edge of woodland. Obscured on OS Original Surveyors Drawings, Sheet 180, of 1812. In woodland which supports semi-mature/mature trees inc. ash, hazel, and holly on steep slope. Unmaintained.
Recommendation
Condition B **Site Status**

PRN 41984 **Site name** WAUN REGWM **NGR** SN4457809905
Site type BOUNDARY **Period** Post Med **Form** Documents
Description
Now in open field with some undulations that may relate to this former boundary. Obscured on OS Original Surveyors Drawings, Sheet 180, of 1812.
Recommendation
Condition U **Site Status**

PRN	41985	Site name	WAUN REGWM			NGR	SN4451309945
Site type	BOUNDARY			Period	Post Med	Form	Earthwork
Description							
Ditch west c. 1m deep on south side of bank c. 1m high. Bank supports mostly hazel hedge c. 2m high, some thorn, willow and bramble. Trackway shown on south side of OS 1891. Lightly maintained. Obscured on OS Original Surveyors Drawings, Sheet 180, of 1812.							
Recommendation							
Condition	A					Site Status	
PRN	41986	Site name	PENTRE			NGR	SN4371010490
Site type	BOUNDARY			Period	Post Med	Form	Earthwork
Description							
Lynchet type bank with drop down of c0.750m to NE. Unmaintained scrub hedge including: holly, thorn, hazel and bramble. Bank has a few very large stones possibly field clearance. Former boundary, no visible remains but field was long hay and undulates at time of visit. Still shown on OS Second Edition. Obscured on OS Original Surveyors Drawings, Sheet 180, of 1812.							
Recommendation							
Condition	D					Site Status	
PRN	41987	Site name	BRYNCOCH			NGR	SN4161314308
Site type	FIELD BOUNDARY			Period	Post Med	Form	Earthwork
Description							
Bank, 0.750m high, supporting thorn/hazel hedge with some gorse, oak ash and bramble. Electricity pole c.6m west of pipeline. Electricity pole also in field to north very close to pipeline. Marked on 1844 tithe map.							
Recommendation							
Condition	A					Site Status	
PRN	41988	Site name	BRYNCOCH			NGR	SN4150814403
Site type	FIELD BOUNDARY			Period	Post Med	Form	Earthwork
Description							
Ditch, wet, c.1.25km deep with barbed wire highfence and posts on east side. Bank on west side c. 0.500m high, supporting maintained thorn/hazel hedge with some gorse, oak, holly and bramble. Marked on 1844 tithe map.							
Recommendation							
Condition	A					Site Status	
PRN	41989	Site name	PLASGWYN			NGR	SN4040015270
Site type	FIELD BOUNDARY			Period	Post Med	Form	Earthwork
Description							
Bank, 1.00m high, supporting maintained thorn/hazel/rowan/some mature ash at north end. Marked on OS Original Surveyors Drawings of 1812.							
Recommendation							
Condition	A					Site Status	

PRN 41990 **Site name** PLASGWYN **NGR** SN4033615435
Site type FIELD BOUNDARY **Period** Post Med **Form** Earthwork

Description

Former Bank, possible signs of bank by line of stones, appears to be demolished hedgebank. Obscured on OS Original Surveyors Drawings of 1812.

Recommendation

Condition D **Site Status**

PRN 41991 **Site name** PENHEN **NGR** SN3995015492
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Ditch, wet, on the north side of bank to half way length, then on south side. Ditch c. 750mm deep, bank 600mm high. Boundary represented by a possible 'lynchet' but without a bank, supporting an unmaintained scrub hedge with maturing trees oak, hazel, plus thorn and brambles. Mature oak plus maturing oak near west end. Not marked on 1841 tithe map, which however only shows ownership blocks.

Recommendation

Condition B **Site Status**

PRN 41992 **Site name** TAN-Y-BANC **NGR** SN3917016125
Site type FIELD BOUNDARY **Period** Unknown **Form** Earthwork

Description

Not on First or Second Edition OS maps which confirms farmers observation that this was a modern fence-line that has become established by scrub. Unmaintained scrub, willow, sloes (blackthorn) and hazel. Power cable pole half way along

Recommendation

Condition B **Site Status**

PRN 41993 **Site name** PENHEN **NGR** SN3947515550
Site type FIELD BOUNDARY **Period** Post Med **Form** Earthwork

Description

Bank, 1m high, supporting a maintained thorn/hazel/elder and bramble. Some fencing in hedge.

Recommendation

Condition A **Site Status**

PRN 41994 **Site name** OLD CASTLE **NGR** SN3935415750
Site type FIELD BOUNDARY **Period** Post Med **Form** Earthwork

Description

Bank, 1.25 high, supporting a maintained thorn/hazel/holly hedge. Mature oak half way along and towards north end. Not marked on 1841 tithe map which only shows ownership boundaries.

Recommendation

Condition A **Site Status**

PRN	41995	Site name	TAN-Y-BANC	NGR	SN3899016240
Site type	FIELD BOUNDARY	Period	Unknown	Form	Topog
Description					
Mature trees of oak, ash hazel and probably alder. Surrounded with barbed wire fence and posts on south and west sides. Not marked on 1841 tithe map which only shows ownership boundaries.					
Recommendation					
Condition	A	Site Status			
PRN	41996	Site name	YSTRAD-WALTER	NGR	SN3830816603
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Bank, approx. 0.75m high. Maintained and established hedge of thorn, gorse hazel and willow. Scrub trees of 2 oak and 1 holly immediately west of pipeline. Further scrub trees along to west. Marked on the OS Original Surveyor's Drawings of 1812, and suggested on the Cwrt Malle estate map of 1773.					
Recommendation					
Condition	A	Site Status			
PRN	41997	Site name	YSTRAD-WALTER	NGR	SN3811216526
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Former boundary, now gone and without physical evidence. Marked on the 1773 Cwrt Malle estate map, but not on the 1841 tithe map which only shows ownership boundaries. Appears on RAF Meridian APs of 1946, but gone by 1964 OS map.					
Recommendation					
Condition	D	Site Status			
PRN	41998	Site name	YSTRAD-WALTER	NGR	SN3798216477
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Former boundary, now gone and without physical evidence. Marked on the 1773 Cwrt Malle estate map, but not on the 1841 tithe map which only shows ownership boundaries. Appears on RAF Meridian APs of 1946, but gone by 1964 OS map.					
Recommendation					
Condition	D	Site Status			
PRN	41999	Site name	YSTRAD-WALTER	NGR	SN3771816492
Site type	FIELD BOUNDARY	Period	Unknown	Form	Earthwork
Description					
Former boundary, now gone and without physical evidence. Marked on the 1773 Cwrt Malle estate map, but not on the 1841 tithe map which only shows ownership boundaries. Appears on RAF Meridian APs of 1946, but gone by 1964 OS map.					
Recommendation					
Condition	D	Site Status			

PRN 42000	Site name CWRT MALLE	NGR SN3746016570
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Ditch, wet, c.1m deep on east side of bank c.1m high, supporting gapped mature trees of oak ash plus scrub of holly. No remains of hedging. Not marked on the 1773 Cwrt Malle estate map, or on the 1840 tithe maps which only shows ownership boundaries.

Recommendation

Condition A	Site Status
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PRN 42001	Site name CWRT MALLE	NGR SN3730016667
Site type FIELD BOUNDARY	Period Post Med	Form Earthwork

Description

Ditch c400mm deep to south. Bank, c.0.75m high, supporting maintained thorn/hazel/willow? hedge. Maturing oak at corner. Not marked on the 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition A	Site Status
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PRN 42002	Site name CWRT MALLE	NGR SN3729016692
Site type FIELD BOUNDARY	Period Post Med	Form Earthwork

Description

Lynchet type bank c.1.25m high from south c.0.5m from north, supporting maintained, but not recently, thorn/hazel/bramble hedge. Not marked on the 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition A	Site Status
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PRN 42003	Site name WERNOLAU	NGR SN3650317165
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank c1.25m high supporting maintained thorn/hazel/oak hedge. With PRN 40927 it forms a metalled trackway to Wernolau Farm marked on the OS Original Surveyor's Drawings of 1812.

Recommendation

Condition A	Site Status
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PRN 42004	Site name PARC-Y-RHOS	NGR SN3529517458
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank, 1.00m high and quite wide, supporting thorn/hazel/holly/gorse hedge, with stockwire fencing. One holly tree at junction of bank and farm track. Marked on 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition A	Site Status
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PRN 42005	Site name PARC-Y-RHOS	NGR SN3521017462
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Hedge partly maintained supporting thorn/hazel/bramble, scrub/trees further to north, with stockwire fencing. Not marked on 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition A	Site Status
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PRN 42006	Site name LAN-ISAF	NGR SN3497017550
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank, 1m high, supporting maintained thorn/hazel and gorse hedge. Not marked on 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition A	Site Status
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PRN 42007	Site name LODGE FARM	NGR SN3316418430
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Bank c.600mm high ditch on north side c.750mm deep. Boundary now unmaintained, some hedge remaining with evidence of laying in the past. Several small oaks on bank. Marked on the 1840 tithe map which only shows ownership boundaries.

Recommendation

Condition A	Site Status
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PRN 42008	Site name YSTRAD-WALTER	NGR SN3842016636
Site type FIELD BOUNDARY	Period Unknown	Form Earthwork

Description

Former field boundary. No surface remains, but could have been hidden below long hay in visit Sept 2000. Shown on OS first edition, but not on OS Second edition, but again on 1964. Not marked on Tithe Map which only shows property boundaries.

Recommendation

Condition D	Site Status
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3.4 A review of the sources

This section is a brief description of the sources used, and an assessment of their usefulness and/or limitations.

3.4.1 Documents

A considerable body of work has been undertaken on the history, development and archaeology of the project area, in particular the coal and limestone extraction in southern Carmarthenshire (Murphy and Sambrook 1994 and Sambrook 1995), together with The Register of Landscapes of Outstanding Historic Interest in Wales (CADW 1998) covering the Tywi Valley, and the Carmarthenshire Historic Landscape Characterisation. It was chiefly these secondary sources that were consulted but many contain transcripts of primary documentation. They provide a cultural and historic framework within which the study area can be assessed, as well as specific references to development within the study area.

Post-medieval primary sources such as Samuel Lewis's *Topographical Dictionary*, and traveller's accounts by, for example, Edward Donovan, Richard Fenton, Benjamin Malkin and Iolo Morgannwg, provide information on landscape development and the significance of landscape features and post-medieval buildings.

3.4.2 Historic maps

Historic maps can establish the antiquity and significance of landscape features and standing buildings, and can also show potential ground disturbance.

There are a few antique maps of the project area (National Library of Wales, Picton Castle collection, and Penlan estate for example) and the Ordnance Survey Original Surveyors' Drawings of 1811-12 (revised in 1827), although the latter is very faint and incomplete in the project area. For the purposes of the present study the most useful map source proved to be the tithe maps for Llandyfaelog, Llangyndeyrn, Llangain, Llangynog and Mydrim parishes of 1840 to 1848, and the Ordnance Survey 1:2500 First and Second Editions of 1887 and 1906 respectively. However, neither were without limitations. The tithe map schedules for Llangain and Llangynog parishes provide neither field boundaries or names nor information on land use.

Copies of the tithe map and available Ordnance Survey maps are reproduced within this report, and form part of the project archive.

3.4.3 Aerial photographs

Aerial photographs are an important source of archaeological information, particularly in rural areas. Buried features can show as crop- or parch-marks, and earthworks are strongly revealed when the sun is low on the horizon. When dated, they also indicate subsequent development. The Sites and Monuments Record for Carmarthenshire, Ceredigion and Pembrokeshire has an extensive collection of both vertical and oblique aerial photographs. Of these, the RAF vertical shots proved the most informative, the Meridian Airmaps showed rather less detail. The project deadline did not permit examination of aerial photographs held at the Royal Commission for Ancient and Historical Monuments (Wales), in Aberystwyth.

3.4.4 Field walkover

The project area i.e. a 100 metre wide corridor, about the midline of the proposed pipeline route, was walked from south-east to north-west, between 16th May and 26th May 2000. The condition of archaeological sites, features and deposits identified during the documentary research was noted and new sites, features and deposits were identified. All were recorded via photography and site notes, and their vulnerability was assessed.

3.4.5 Previous archaeological work

Whilst no intensive archaeological work has been carried out within the project area itself (and therefore no disturbance to potential deposits through archaeological excavation), the environs of south-east Dyfed threatened by mineral extraction (Murphy and Sambrook 1994), have been assessed.

Of greater significance to the present study are the overall strategic archaeological/historic surveys which were conducted for the wider area, for planning and conservation purposes and to place the historic environment into its wider context and identify features of significance. These include work by *Archaeoleg Cambria Archaeology* (Murphy and Ludlow 2000) as part of the Carmarthenshire Historic Landscape Characterisation and the Register of Landscapes of Outstanding Historic Interest in Wales from Cadw (1998).

3.4.6 Geotechnical work

No geotechnical work has been carried out along the route as far as RSK Environmental Limited and *Archaeoleg Cambria Archaeology* are aware. However, the Sites and Monuments Record for Carmarthenshire, Ceredigion and Pembrokeshire indicates an existing high-pressure gas mains (HP 21-11, HP 41, VHP41-9 and VHP42-1) marked on the record maps for NGR SN SN31 NE, SN 31 NW, SN 40 NE and SN 41 NW.

APPENDIX 1

Photographs

Photo 1: PRN 40768 Rhas-Fach spoil tips, view ENE (PRN 40762/215)



Photo 2: P General view from field boundary PRN 40814, view E (PRN 40762/217)

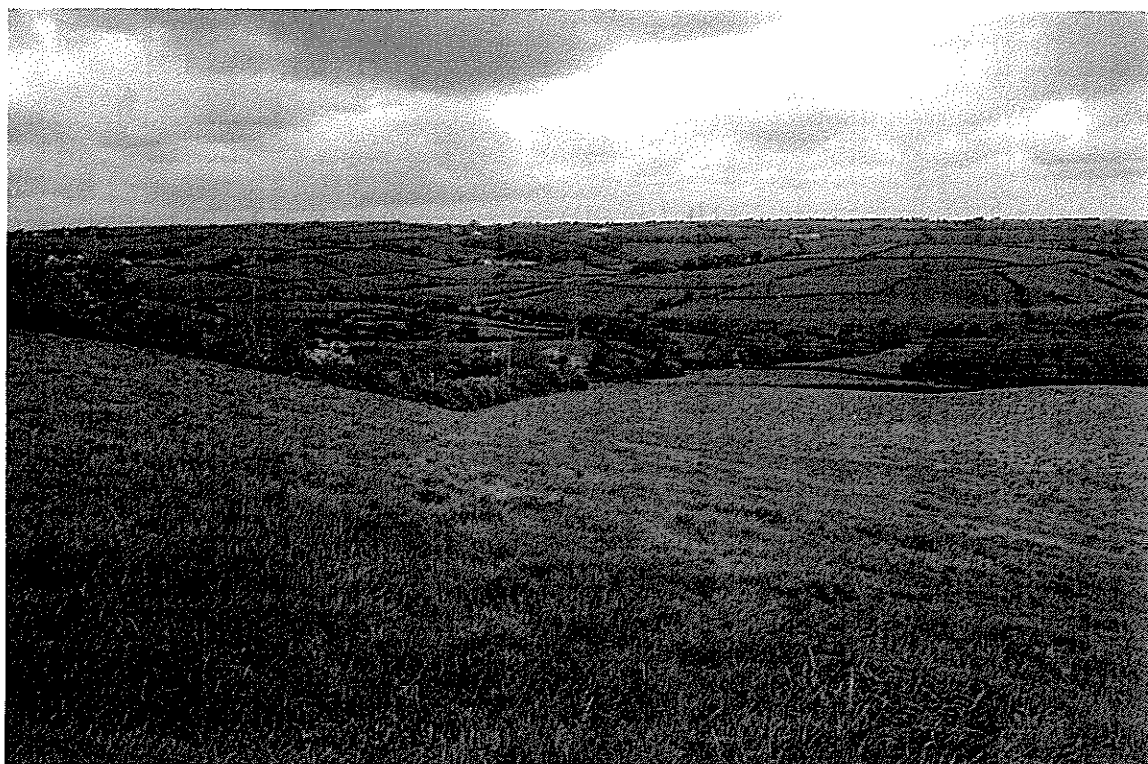


Photo 3: Up the stream running across 40860-61 with so called barrow PRN 5357 below mainly white cow to right of photo, view E (PRN 40762/218)

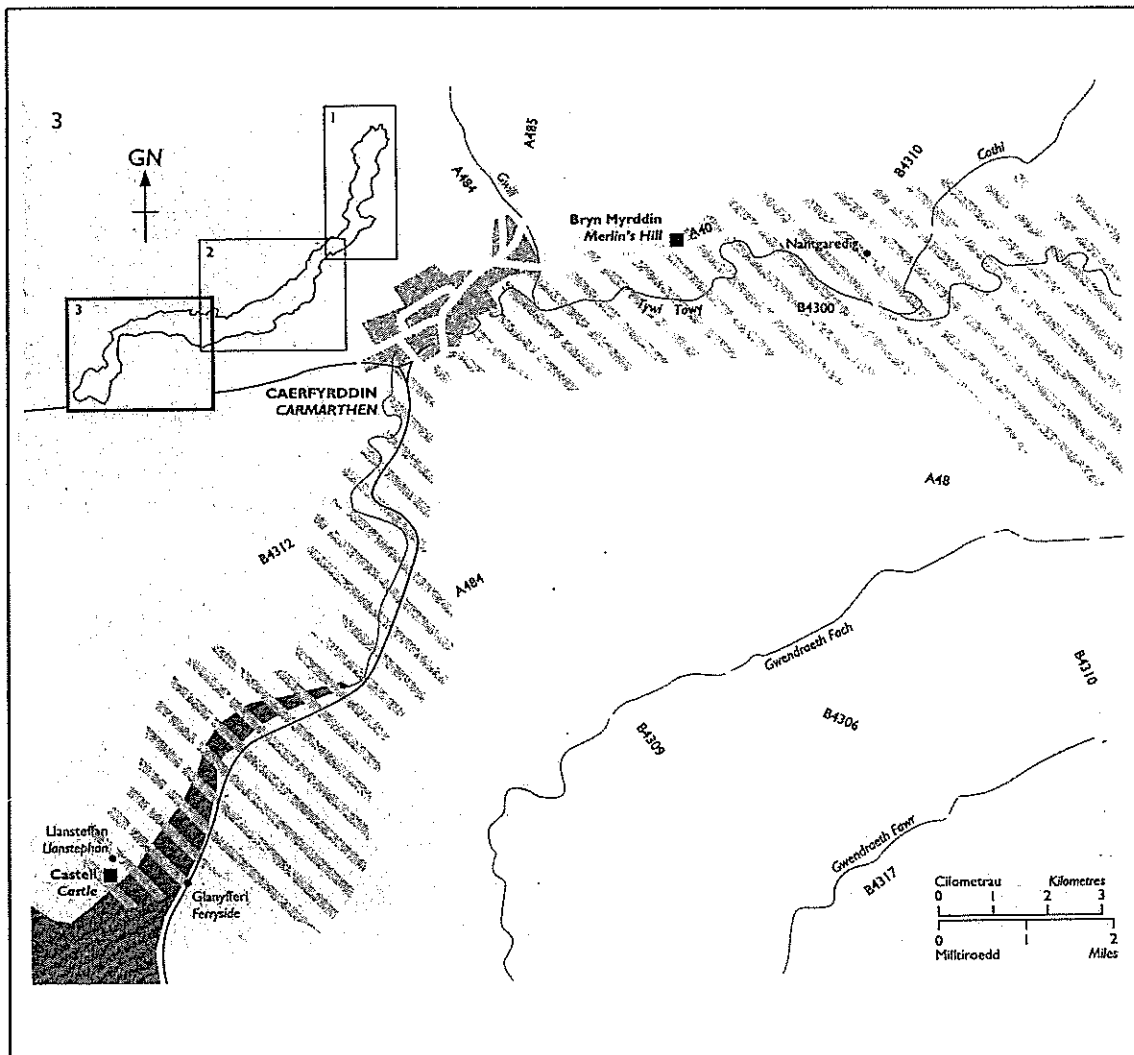


Photo 4: General view downstream from east bank of Tywi just north of route crossing point. Taken from below railway bridge, view S (PRN 40762/220)

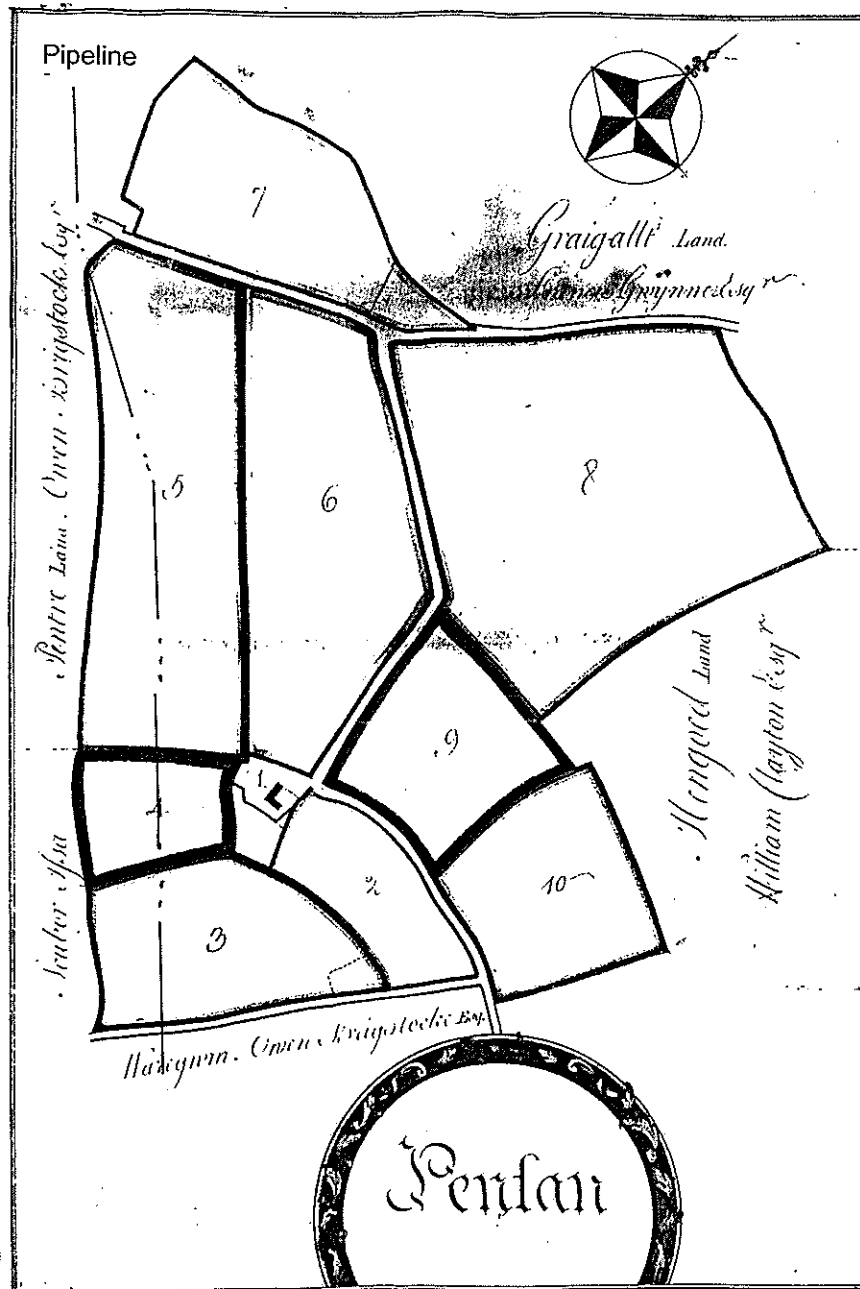


APPENDIX 2

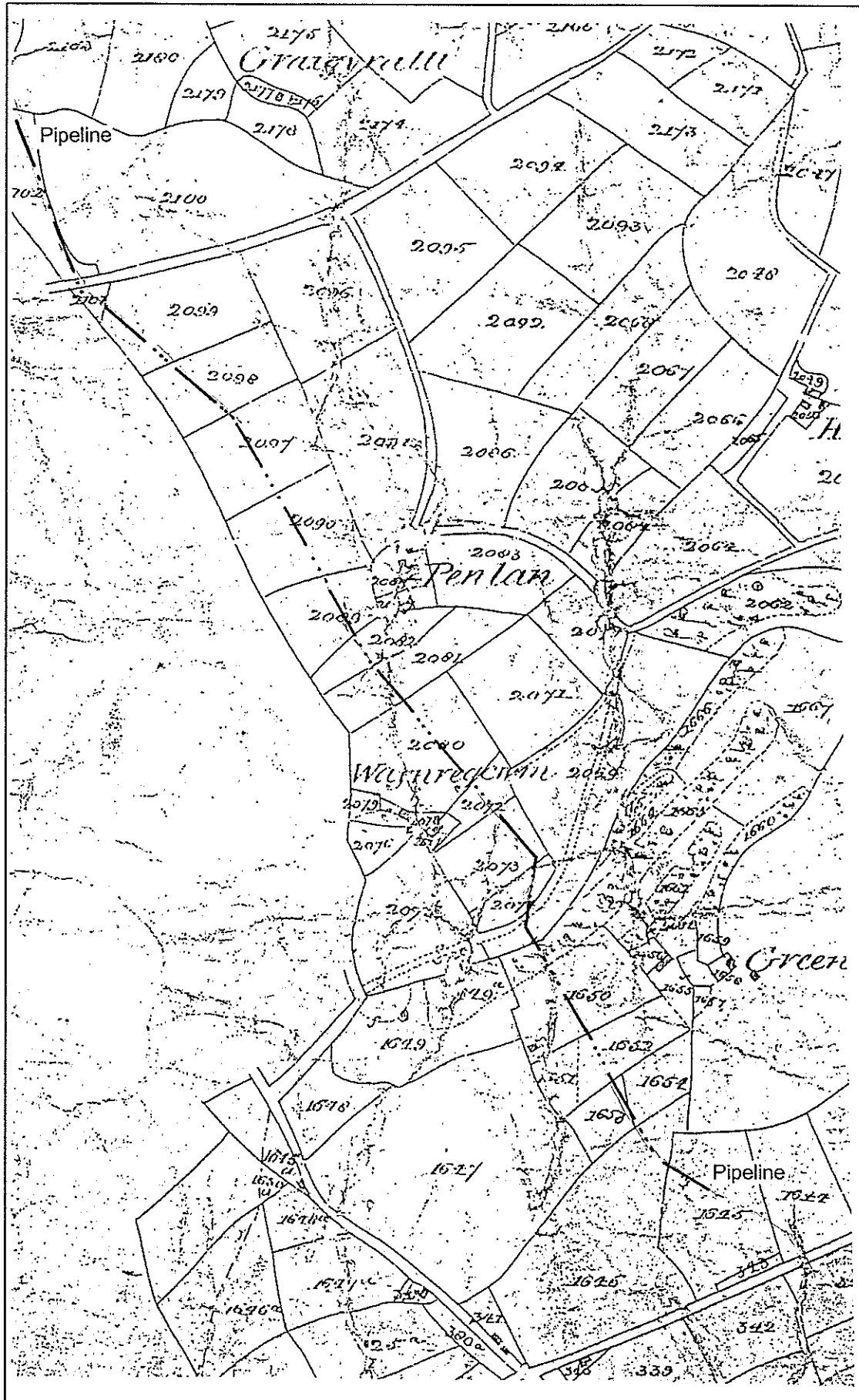
Copies of selected map sources



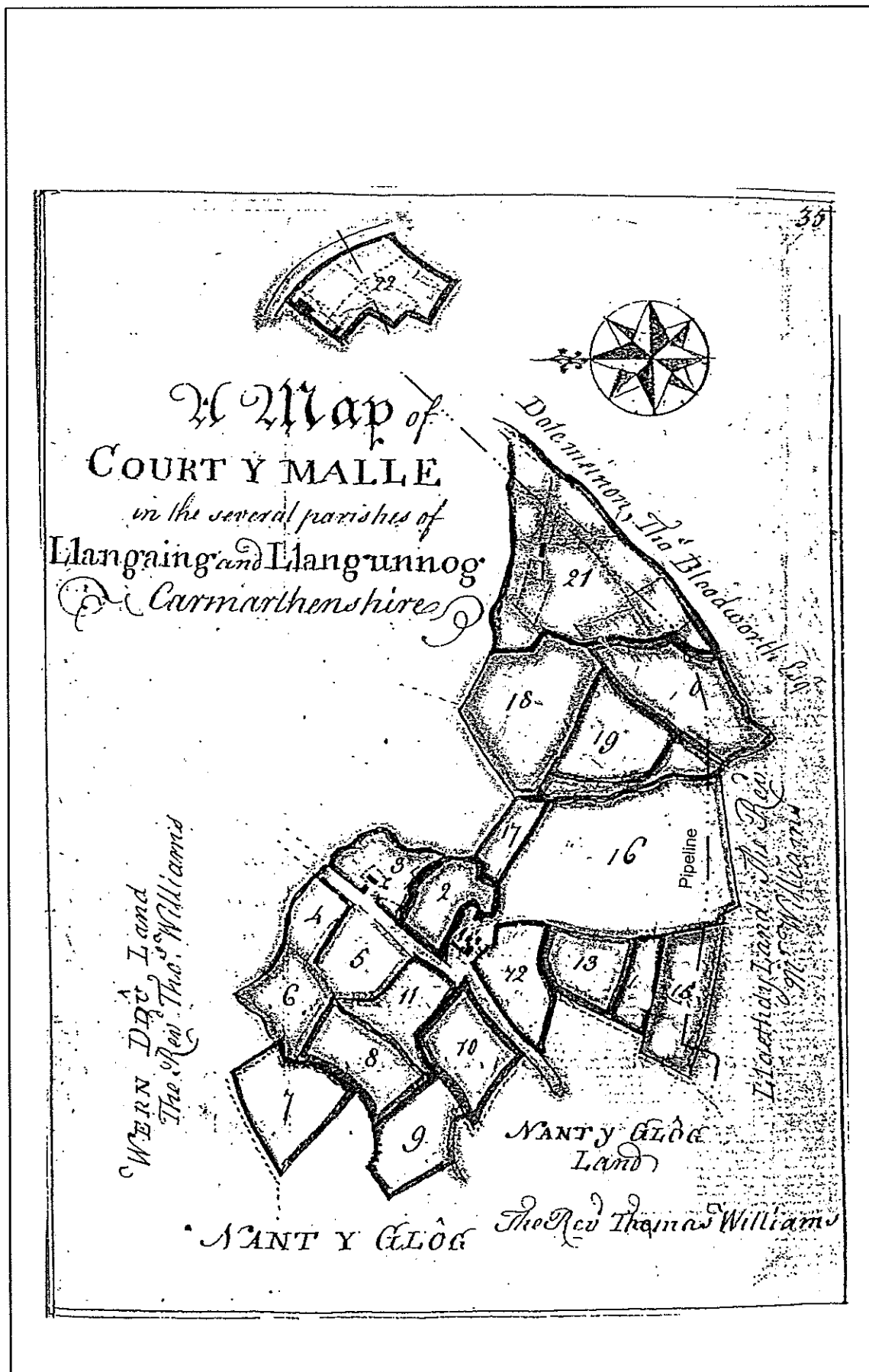
Cadw, Register of Landscapes of Outstanding Historic Interest in Wales, 1998, (Lower Tywi Valley)



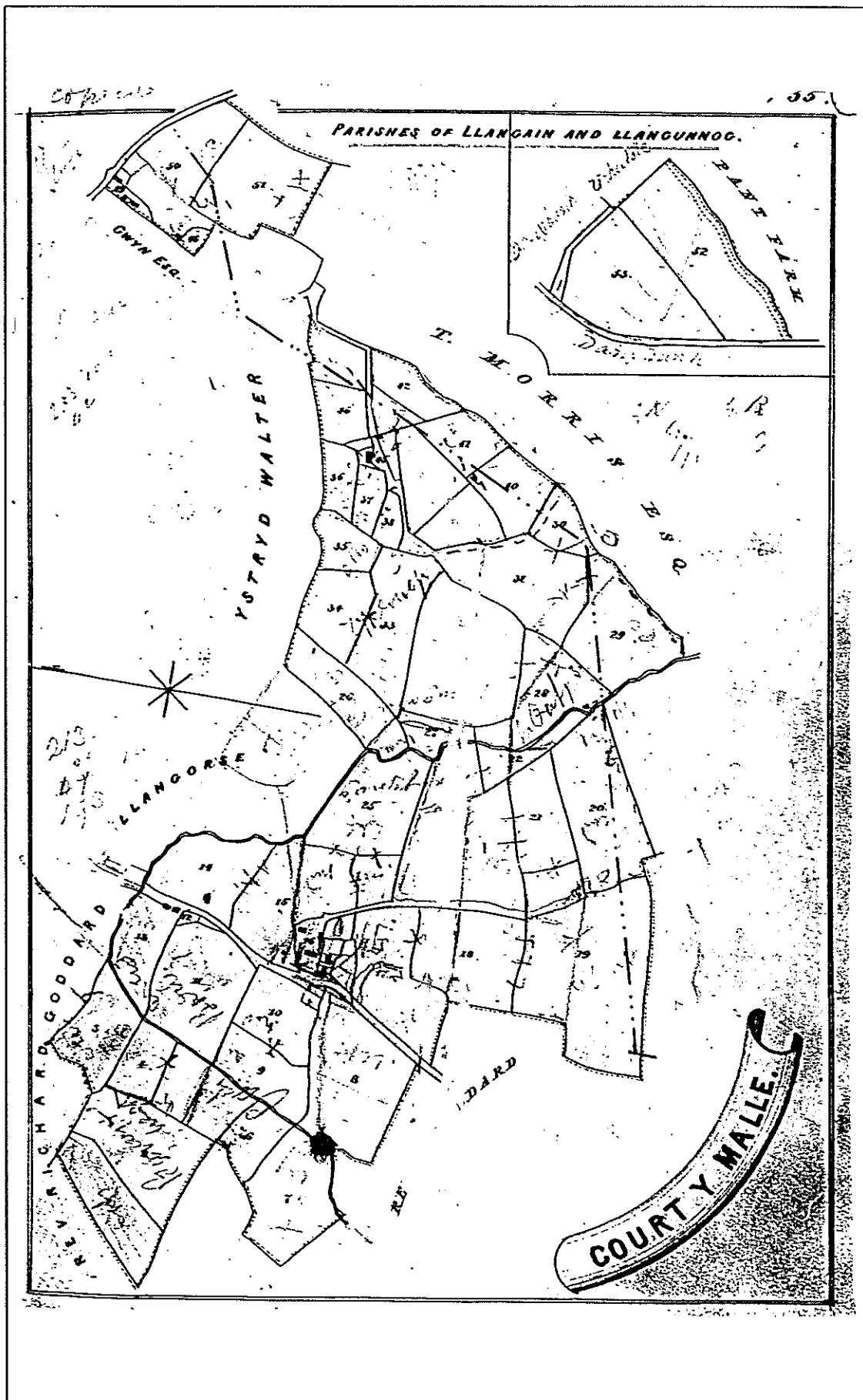
Penlan in the parish of Llangendeirne In the County of Carmarthenshire c. 1780, Map 7501.



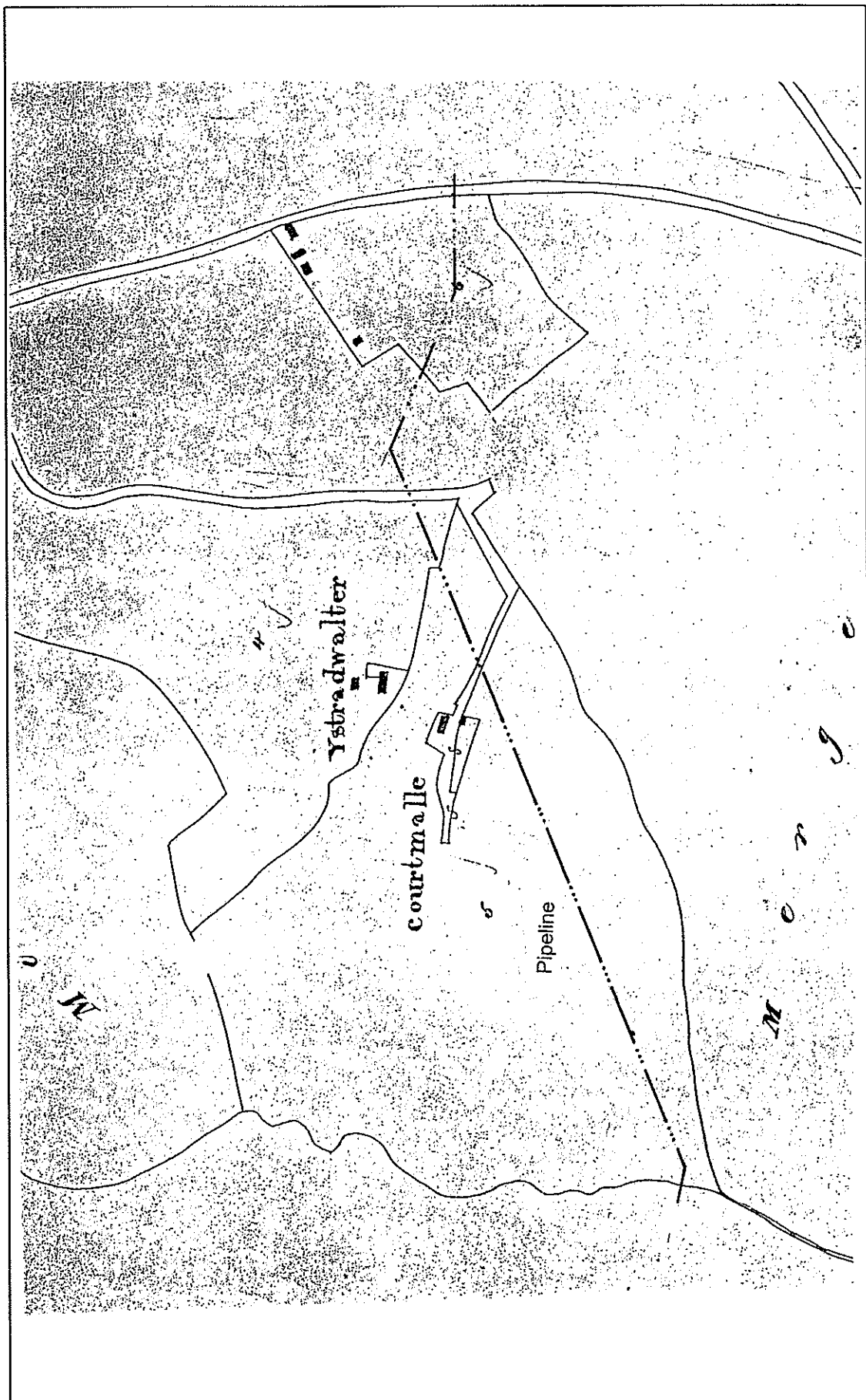
Tithe map Llangyndryn 1848 part covering Penlan. Pipeline route indicated



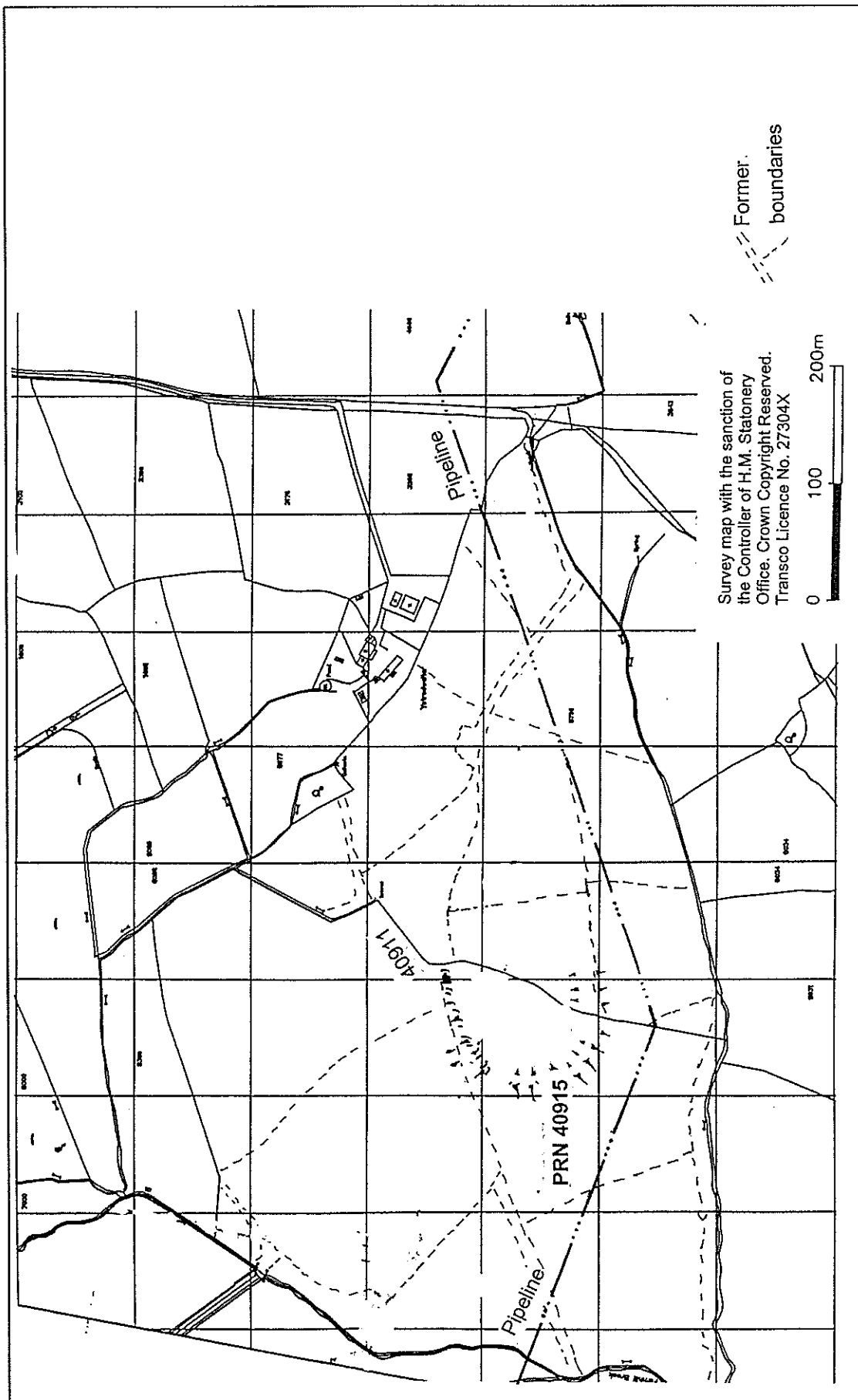
Cwrt Malle Estate c. 1773. A Map of Cort Malle in the several parishes of Llangain and Llanginnog Carmarthenshire. Picton Castle Estate Vol. 3, p35



Cwrt Malle c. 1850. Picton Castle Estate Vol. 2, p55



Tithe Map Llangain 1841? Part covering cottage in estate of Cwrt Malle. Pipeline route indicated



OS latest covering area of Cwrt Malle estate and appox location of earthwork PRN 40915 Ystrad Walter


**PONTYATES TO BANCYFELIN GAS PIPELINE ROUTE
ARCHAEOLOGICAL ASSESSMENT II**

PROJECT RECORD NUMBER 40762

OCTOBER 2000

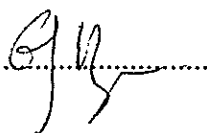
This report has been prepared by: Pete Crane

Position: Project Manager

Signature  Date 8/11/2000

This report has been checked and approved by Gwilym Hughes on behalf of Cambria Archaeology, Dyfed Archaeological Trust Ltd.

Position Trust Director

Signature  Date 8/11/00

As part of our desire to provide a quality service we would welcome any comments you may have on the content or presentation of this report