

Garn Lwyd, Maesybont Carmarthenshire Historic Environment Appraisal



Report by: Trysor

For: Norvento Wind Energy UK

June 2014



Garn Lwyd, Maesybont, Carmarthenshire Historic Environment Appraisal

By

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Trysor Project No. 2014/384

For: Norvento Wind Energy UK

June 2014

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Cover photograph: From the approximate location of the proposed turbine, looking southeast towards the masts at Llyn Llech Owain

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DATE 16th June 2014

Paratowyd yr adroddiad hwn gan bartneriad Trysor. Mae wedi ei gael yn gywir ac yn derbyn ein sêl bendith.

This report was prepared by the Trysor partners. It has been checked and received our approval.

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Croesawn unrhyw sylwadau ar gynnwys neu strwythur yr adroddiad hwn.

We welcome any comments on the content or structure of this report.

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1. Summary

1.1 This historic environment appraisal has been undertaken by Trysor to examine likely impacts on the historic environment from a proposed wind turbine at Garn Lwyd, Maesybont, Carmarthenshire.

1.2 The appraisal has looked at all known historic assets within an area measuring 2km in radius, focused on SN5394016460, the location of the proposed turbine, consulting the regional Historic Environment Record and the National Monuments Record, as well as examining historic maps. A field visit was also undertaken to examine the location of the turbine and record previously unknown historic assets.

1.3 The appraisal shows that there is no surface evidence of buried archaeological features at the proposed development site.

1.4 One Scheduled Ancient Monuments would experience a Very Low, indirect visual impact due to intervisibility with the proposed turbine at distance. Of five Listed Buildings in the appraisal area only two would experience a Very Low, indirect visual impact.

1.5 The appraisal shows that no direct, physical impact or significant indirect, visual impact would be caused to the historic environment by the proposed turbine.

1.6 On the basis of this appraisal, no archaeological mitigation is thought necessary for the proposed development.

2. Copyright

2.1 Trysor holds the copyright of this report. Further copies may be made of this report without gaining permission to reproduce but it must be noted that Figures 3 and 5 include other copyrighted material and should not be copied.

3. Introduction

3.1 Nicola Martin, planning consultant, on behalf of her client, Norvento Wind Energy UK Unit 12, Garanor Way 19, Gordano, Bristol, BS20 7XE, has commissioned Trysor heritage consultants to write an Historic Environment Appraisal for a proposed turbine at Garn Lwyd, Maesybont, Carmarthenshire, SA14 7HH.

3.2 Dyfed Archaeological Trust Heritage Management section have written a generic brief for such appraisals (DAT HM, Undated). These appraisals are intended to be a rapid appraisal of the readily available historic environment information including a site visit. The purpose of the appraisal is to inform DAT HM as to whether any further assessment or evaluation would be required as part of the planning process. Trysor prepared a specification based on the brief (Trysor, 2014) and Dyfed Archaeological Trust Heritage Management section approved the specification as fit for purpose.

4. The proposed development

4.1 It is proposed that a turbine, with a hub height of 36m, and 46.9m to the upright blade tip, will be located at approximately SN5394016460 in a single field parcel at Garn Lwyd, Maesybont, Carmarthenshire SA14 7HH, see Figure 1.

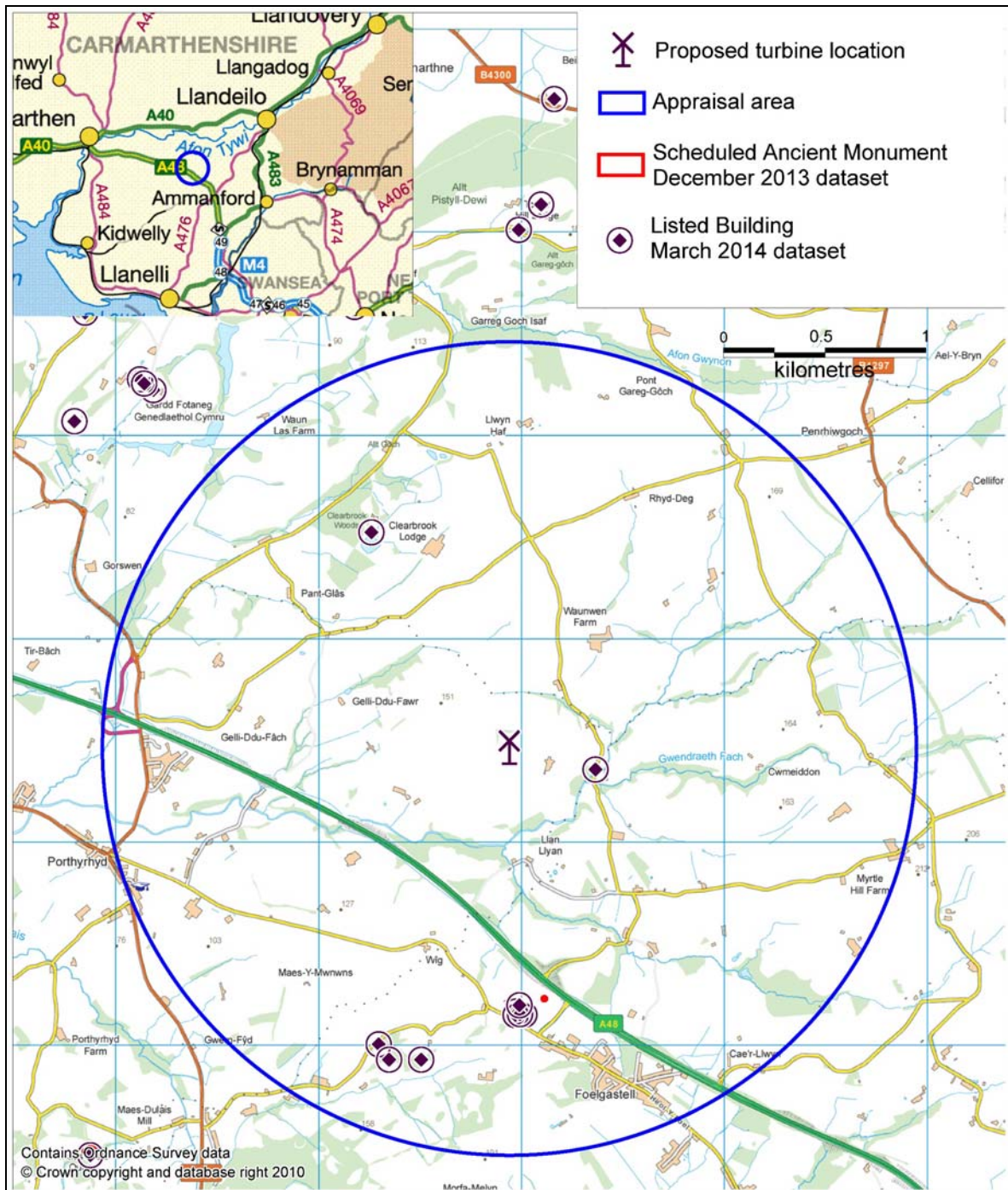


Figure 1: Location of the proposed turbine, showing the 2km radius appraisal area.

5. Methodology

5.1 A study area of 2km radius circle centred on SN5394016460, the proposed turbine site, was chosen for the initial appraisal of sites.

5.2 This area was revised to exclude records of sites where there was no intervisibility, see Figure 2. Although excluded areas are shaded in it is individual records which are excluded, not the whole area. Each site within the excluded area has been assessed at and excluded on grounds of intervisibility and impact on setting, taking into account topography and upstanding elements such as hedges, trees and buildings all of which form the part of the setting of an historic asset. This means that the excluded area will not directly match the Zones of Theoretical Visibility, which does not take into account the impact that vegetation and buildings can have on visibility between locations and setting.

5.3 The HER enquiry for the 2km radius area yielded 101 records. Sixty two of these lay within the excluded area and were removed from the dataset. A further record was for a DELETED record, only kept in the HER for administrative purposes, and was also removed. This left 38 records within the initial project dataset.

5.4 Within the 38 records, there was one Scheduled Ancient Monument and five Listed Buildings.

5.5 A site visit was made to Garn Lwyd, Maesybont, and the surrounding area, on May 28th, 2014 to rapidly appraise if there were any visible archaeological features within the area directly affected by the turbine proposal and also the wider landscape context of the proposed development. The field was under pasture at the time and the surface of the field was only partially visible.

5.6 The aerial photographs on Google Earth, dating to 2006 and 2009, were used to inform the appraisal.

5.7 Historic mapping was consulted. The maps used included 19th and 20th century 1:2500 scale Ordnance Survey mapping and the Llanddarog parish tithe map and accompanying tithe schedule of 1839.

5.8 All information gathered during the desktop appraisal and fieldwork was entered into a bespoke database in Access 2003 format to create an appraisal dataset. The dataset is the source of the material output in this report, including the GIS mapping which illustrates the location of sites in the area, and the tables and appendices which provide detailed information on the sites within the study area.

5.9 At the end of a rapid appraisal of the data, the information from the site visit and historic map search, the appraisal dataset contained 40 records.

5.9.1 Two new records were created in the project database by Trysor. These were for the farmstead and field system at Garn Lwyd (ID numbers 39 & 40).

5.10 Each of the records in the final appraisal dataset was assessed for Period, Rarity, Documentation, Group Value¹, as well as Evidential Value, Historical Value, Aesthetic Value, Communal Value². Once these had been considered the significance of each site was determined and scored in accordance with the categories adopted by the Welsh Archaeological Trusts i.e. Nationally Important, Regionally Important, Locally Important, Minor and Features Needing Further Investigation (Unknown), see Figure 3. Full details of this exercise are given in Appendix C.

5.11 As this exercise is an appraisal of the study area, not a full desk-based historic environment assessment, no site descriptions have been included in the appraisal dataset or this printed report, apart from newly recorded features (See Appendix B).

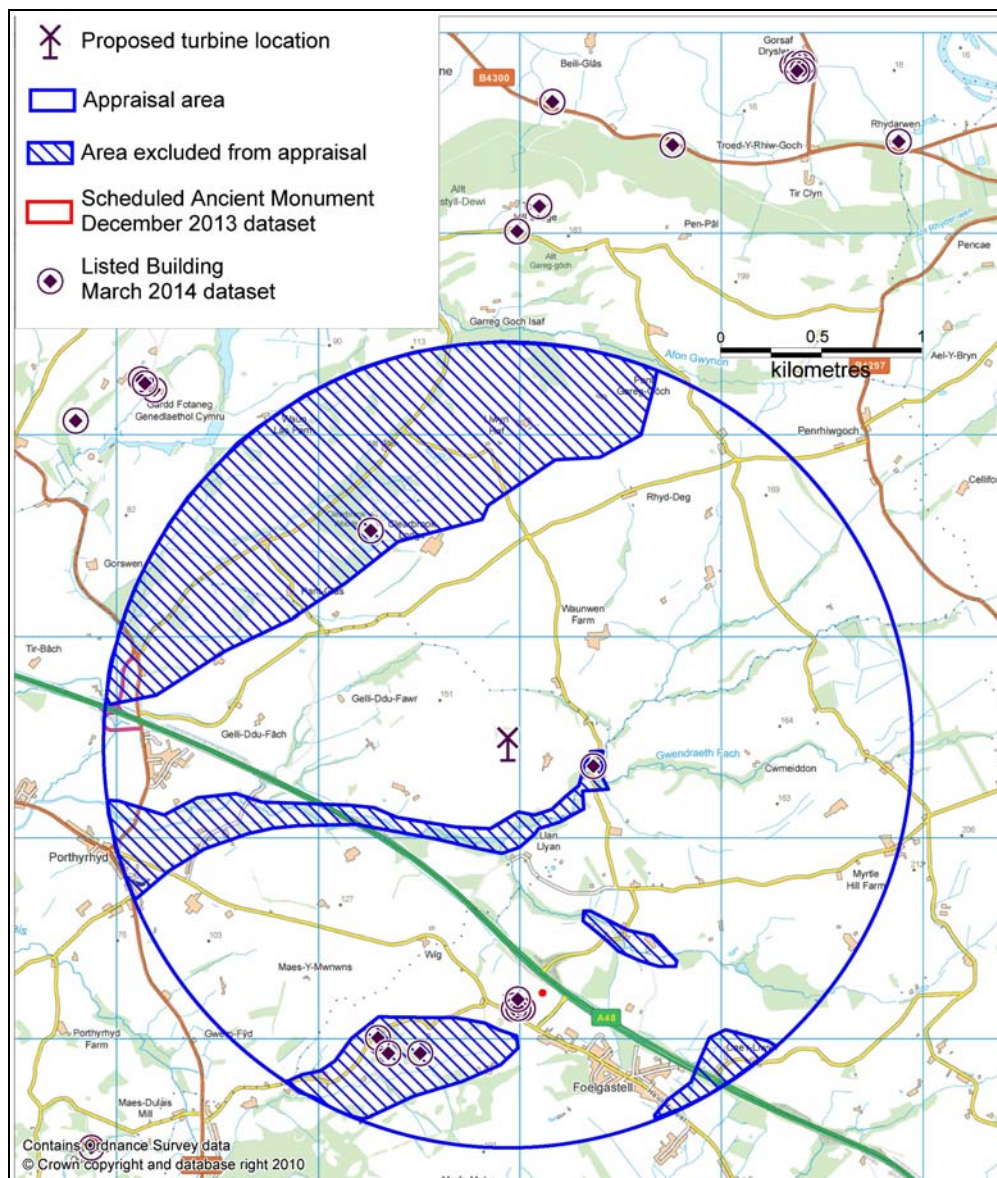


Figure 2: Area excluded from the appraisal area

¹ Period, Rarity, Documentation and Group Value are criteria defined in the Welsh Office Circular 60/96, 1996.

² Evidential Value, Historical Value, Aesthetic Value and Communal Value are criteria defined in Cadw's Conservation Principles publication, 2011.

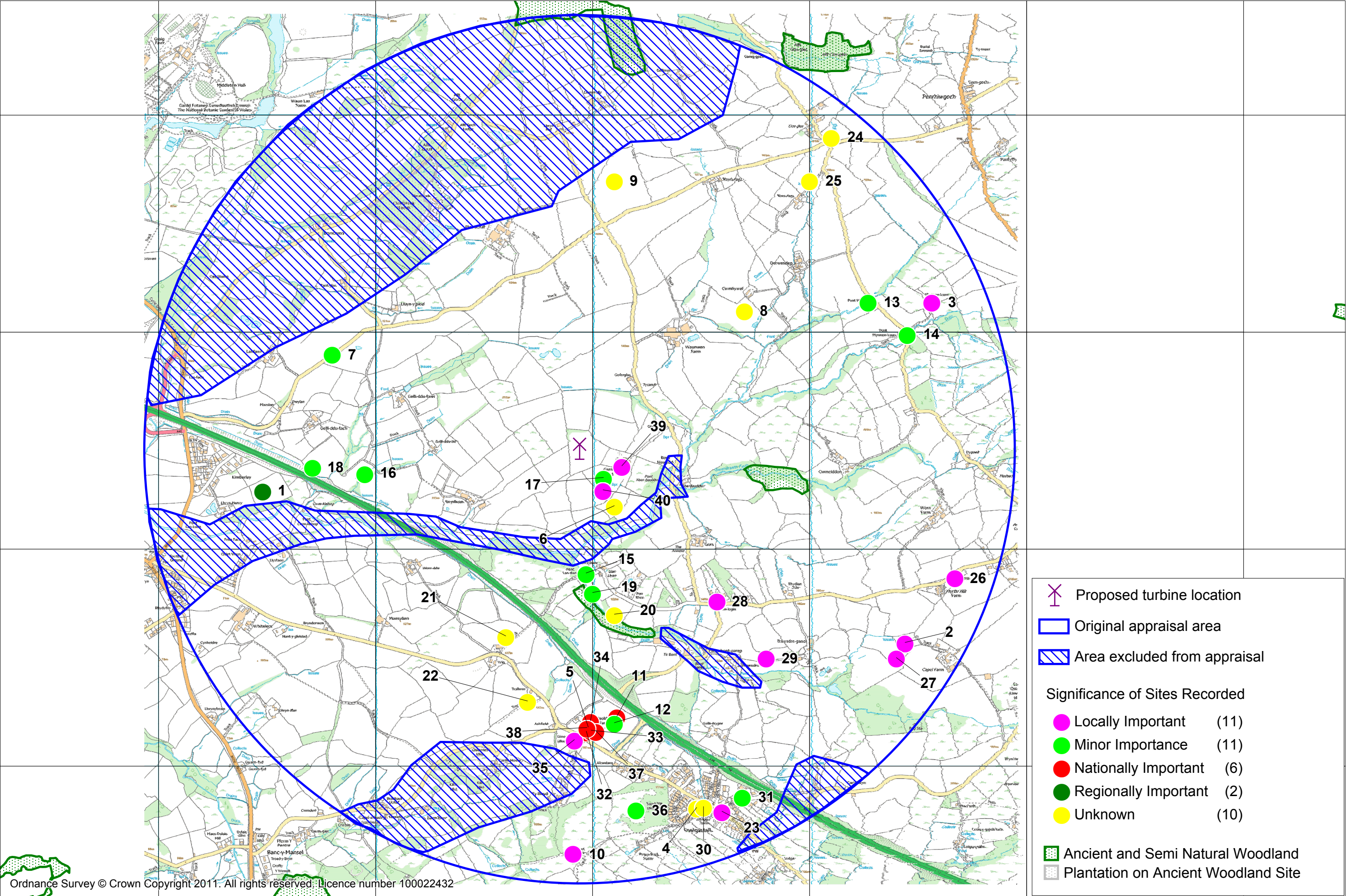


Figure 3: The 2km appraisal area showing significance of sites, labelled with Project ID number

6. Garn Lwyd: Historical overview

6.1 Map evidence

6.1.1 The farm is shown as *Garnllwyd fawr* on the Ordnance Survey's Original Surveyors Drawings of 1813, which was the first detailed map made of the country. *Garnllwyd Fach* was located some 400m to the south-southwest. It appears on the 1 inch to 1 mile scale Ordnance Survey map of 1834 as *Garn-llwyd*.

6.1.2 The Llanddarog parish tithe map of 1846 was the first map to depict the field system and layout of buildings at Garn Lwyd. The field parcels around the farmyard area, including the field proposed as a site for the wind turbine, are shown to form a similar pattern to that seen today. The accompanying tithe schedule, which was drawn up in 1839, records that the property was owned and occupied by one George Williams. The site of the proposed turbine, field parcel 540 was known as *Cae Du*. Of the remaining fields on the holding, none had names recorded which were of archaeological significance.

6.1.3 The next detailed map of Garn Lwyd is the Ordnance Survey's 1:2500 scale map published in 1887. This is the first map to give an accurate depiction of the layout of the farm buildings. It shows that a building stood at the location of the present farmhouse, although it was a smaller than the present house. Another building stood just to the northeast of the house, where a farm building stands today. A third building stood on the opposite side of the farmyard to the north of the house, where a building stands on a similar alignment today. Later Ordnance Survey maps, down to the mid-20th century, show a similar layout. During the second half of the 20th century a series of larger agricultural buildings were added to the northern side of the farmyard complex and these remain in place today.

Table 2: Field names at Garnlwyd in the Llanddarog parish tithe schedule (not all shown on Figure 4).

537	Waun Bella	Pasture
538	Waun Isha	Arable
539	Waun Ucha	Pasture
540	Cae du	Arable
541	Cae Bach	Arable
542	Garn llwyd homestead	
543	Gorse	Rough pasture
544	Llain ucha	Pasture
545	Llain isha	Pasture
546	Waun danty	Pasture
547	Graig Varteg	Pasture
548	Graig vach	Pasture
549	Cae Gwar Ty	Pasture
550	Cae Llwyn	Arable
537	Graig fawr	Arable

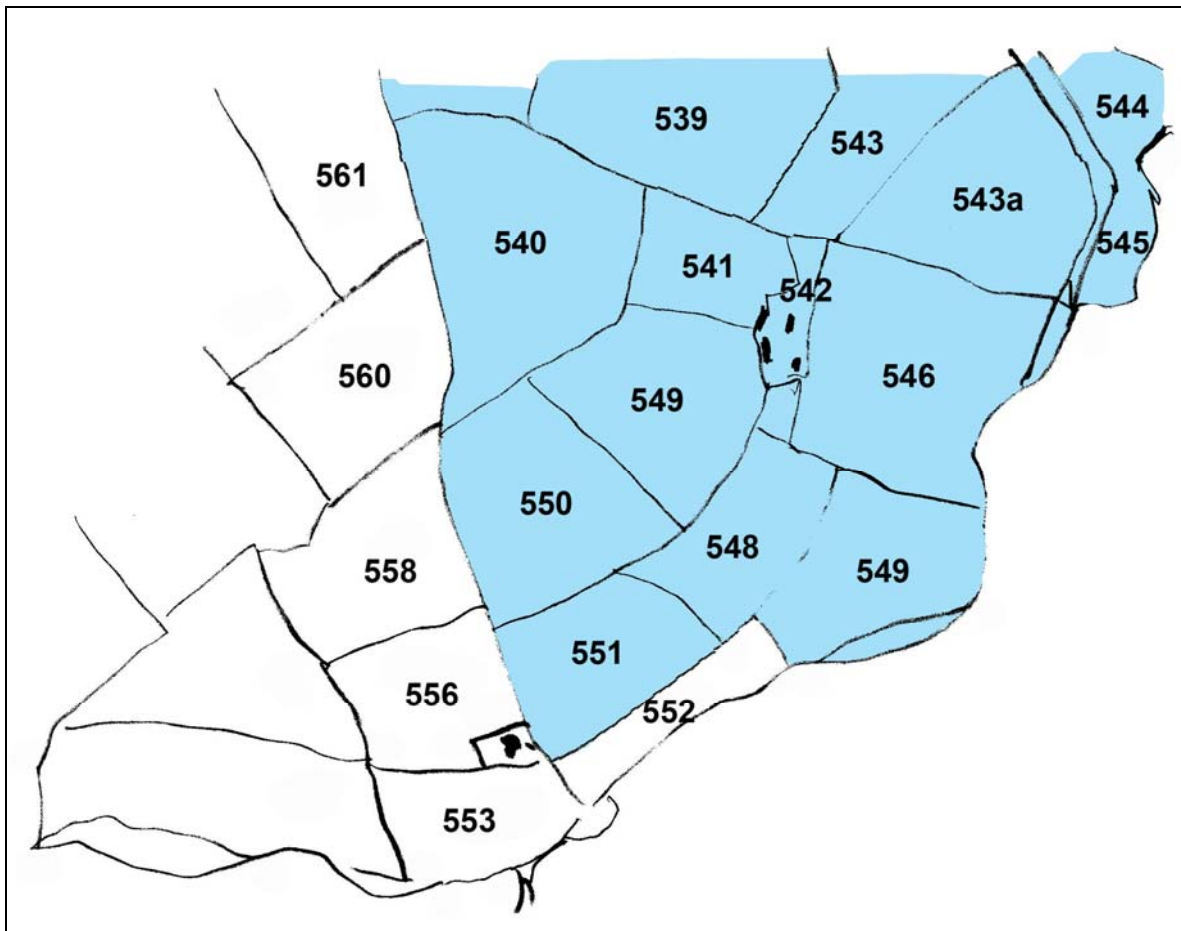


Figure 4: A section of the Llanddarog parish tithe map of 1846. The southern fields belonging to Garnlwyd are shaded in blue. The turbine would stand in parcel 540.

6.2 Census evidence

6.2.1 The first detailed census returns available date to 1841. *Garnllwyd Fawr* does not appear on the 1841 census returns for Llanddarog parish. The tithe records that George Williams was the owner occupier of the farm in 1839 and the absence of the property from the 1841 census cannot readily be explained.

6.2.2 The 1851 census returns show that 10 people lived at *Garnlwyd Fawr* and are named as being “jointly occupiers of 85 acres” there. This is a very unusual arrangement and given the fact that all of them come from outside there area it seems likely that they were associated with a local estate or perhaps even engaged in communal living. The individuals concerned are listed as follows;

- Robert ?Swindles, 54, a farmer from Stockport, Cheshire
- Edward Collett Denton, 25, a joiner from Wakefield, Yorkshire
- Joseph Walker, 16, a farmer from Leeds, Yorkshire
- William Hobson, 15, a farmer from Leeds, Yorkshire
- James Bently, 33, a shoemaker from Tong, Yorkshire
- John Grey, 39, and Hannah Grey, 40 a farmer and his wife from Bolton, Yorkshire, as well as their 10 year old daughter Sarah, born at Marfold, Yorkshire.
- Edna ?Dennis, 14, from Leeds, Yorkshire
- Thomas Harries, 18, a farmer from Milford, Pembroke

6.2.3 In 1861, 30 year old John Griffiths farmed 95 acres at *Garnlwyd Fawr*. He was born in Llangunnor parish. His wife Elizabeth, 45, lived with him, as did his 5 sons and a daughter. A female servant was employed by the family and a Dressmaker named Jane Evans, 38 and from Llanarthney, was also a resident.

6.2.4 In 1871, a Frances Davies farmed 51 acres at *Garnlwyd Fawr*. He was 21 and from Llanarthney parish. He employed a female servant, but otherwise lived alone.

6.2.5 By the time of the 1881 census, *Garnlwydfawr* was occupied by an Owen Evans, 36, a native of Llanarthney parish. He farmed 99 acres and lived with his wife Emiah, 39, who came from Llangathen. They had three daughters and a son, all aged 7 or younger, and also employed a male farm worker and a female domestic servant.

6.2.6 Ten years later, the 1891 census records that the same family lived at *Garnlwydfawr*, minus their son John. He would have been 12 by that time but may have passed away during the intervening decade.

6.2.7 In 1901, Emiah Evans is recorded as a widow and lived with her youngest daughter, Hannah, 20. She employed a female domestic servant. A family were also recorded as visitors to the farm on the day of the census. These were Thomas Beavan, 28, a stonemason from Llangyfelach and his wife Elizabeth, 24 and their infant daughter Emiah, who had been born in Bettws, Carmarthenshire. Elizabeth was evidently the middle daughter of Owen and Emiah Evans.

6.2.8 The last available census is that recorded for 1911. This shows that a David Morgans, 41, from Abergwili, now farmed *Garnlwyd Fawr*. He lived with his wife, Mary, 32, and three daughters and two sons aged 5 or under. A Liverpoolian named Stanley Peers, 17, was employed as a farm labourer.

6.2.9 The 1920 and 1923 editions of 'Kelly's Directory' for South Wales & Monmouthshire also record David Morgans as the farmer at *Garnlwydfawr*.

7. Garn Lwyd: Proposed turbine site

7.1 The proposed turbine at Garn Lwyd, Maesybont is to be located at SN5394016460 in a pasture field, 200 metres to the west-northwest of the farmyard complex.

7.2 The turbine will require a foundation hole measuring 14m x 14m in area, which will be cut through the ploughsoil and into the subsoil. An area of hardstanding extending for 7 metres to the south of the turbine base will be created for a turning and storage area. Access will be via an existing route through two fields from the farmstead using existing gateways. The route will be enhanced into a load bearing stone trackway. The cable trench will run south for approximately 100 metres to an electricity pole.

8. Impact Assessment

8.1 When the proposed development site and its environs were visited in May 2014, an assessment was made of the intervisibility of key monuments in the local landscape with the turbine site. This assessment was undertaken on a clear day, with good visibility.

8.2 Within the appraisal area a total of 40 sites were recorded in the final appraisal database.

8.3 The Direct and Indirect impact on each site was assessed taking into account both physical and non-physical impacts. Each impact was assessed within the scale Very Low, Low, Moderate, High and Very High, taken into account the significance of the site and the nature of the impact. A full table is found in Appendix A but a summary is tabulated in Table 2 below and illustrated in Figure 5.

8.4 As Table 2 and Appendix A show, no recorded historic assets within the area of the appraisal were determined to be exposed to any significant impact from the proposed turbine development. (Details of the appraisal for direct and indirect impact for each of the sites in Table 2 can be found in Appendix A).

8.5 An examination of the proposed location of the turbine foundation hole and hardstanding area identified no evidence of surface material of archaeological interest. The land was under pasture with very little exposure of the underlying soil surface.

8.6 Access would be gained via an existing access route to the turbine site, linking to the existing farm trackway on the farmyard. Existing breaks in the field boundaries would be used. The line of the proposed route way was walked during the field visit. This was under pasture with very little exposure of the underlying soil surface and no features of archaeological interest were noted. The enhanced trackway would not impact on any historic field boundaries as existing gateways would be used to access the development site.

8.7 The cable trench would run southwards towards an electricity pole. The proposed line of the trench was walked during the field visit. This was under grazed pasture, but with little exposure of the underlying soil surface. No features of archaeological interest were noted. The cable trench would pass through one historic field boundary.

Table 2: Impact on sites within the appraisal area around the Garn Lwyd proposed turbine site

ID Number	Site Name	Site Type	Level of Impact
39	GARN LWYD	FARMSTEAD	Low
40	GARN LWYD	FIELD SYSTEM	Low
5	HEOLDDU	FARMSTEAD	Very Low
10	MORFA MELYN	TRACKWAY	Very Low
11	HEOLDDU	RING BARROW	Very Low
12	HEOLDDU	RIDGE AND FURROW	Very Low
26	CAPEL LLAN LLUAN	CHAPEL	Very Low
27	CAPEL FARM	LONGHOUSE	Very Low
28	CWM LOGIN	BLACKSMITHS WORKSHOP	Very Low
34	HEOLDDU	OUTBUILDING	Very Low
36	PEN-Y-FOEL	QUARRY	Very Low
38	HEOLDDU FARMHOUSE	FORMER FARMHOUSE	Very Low
1	CAE GAER	DEFENDED ENCLOSURE?	None
2	CAPEL LLANLLIAN; CAPEL LANLLUAN; DAULLIAN'S CHAPEL	WELL CHAPEL;CHAPEL	None
3	FFYNNON-LLUAN	HOLY WELL	None
4	FOEL GASTELL; WAUN GASTELL	UNKNOWN	None
6	GARN LLWYD	ROUND BARROW?	None
7	LLAN;LLAN ISAF;LLAN Y QUARRY;LLAN WASTEN	CHURCH LAND?	None
8	CAE'R GARREG WEN	STANDING STONE?	None
9	CAE MAEN LLWYD BACH; CAE'R MAENLLWYD	STANDING STONE?	None
13	PONT MIAWST	BRIDGE	None
14	PONT FFYNNON WAN	BRIDGE	None
15	PONT LAN DWR	BRIDGE	None
16	CAER ODYN	KILN?	None
17	CAE QWAR TY	QUARRY?	None
18	CAE FFYNNON; GWAUNCAE FFYNNON	WELL	None
19	LAN DWR	FULLING MILL	None
20	CAE'R POUND	SHEEP FOLD?;POUND?	None
21	CAE'R EFEL	BLACKSMITHS WORKSHOP?	None
22	LLAIN Y FFYNNON	WELL?	None
23	CAE'R EFAIL	BLACKSMITHS WORKSHOP	None
24	CAER ODYN	KILN?	None
25	CAER FYNNON	WELL?	None
29	UNKNOWN	QUARRY	None
30	NEW INN	PUBLIC HOUSE?	None
31	NEW LODGE	COTTAGE	None
32	HEOLDDU	DWELLING	None
33	HEOLDDU	STABLE	None
35	TY-LLWYD	LIME KILN	None
37	WALLED GARDEN AT HEOL-DDU	WALLED GARDEN	None

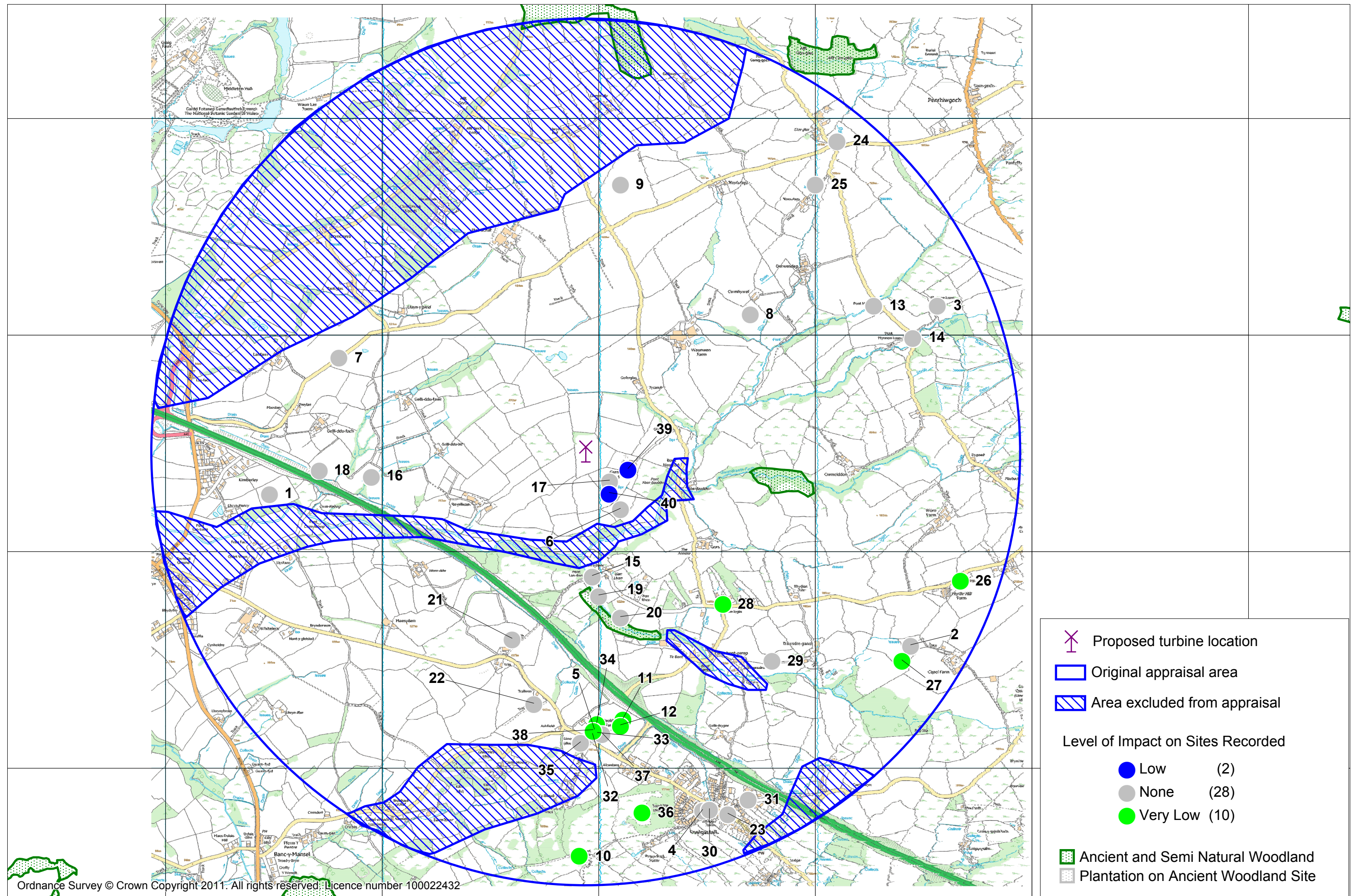


Figure 5: The 2km appraisal area showing level of impact on sites recorded, labelled with Project ID number

9. Historic Landscape Aspects Relating to the Garn Lwyd Proposed Turbine

9.1 The following aspects of the historic environment around the Garn Lwyd proposed turbine site have also been considered by this appraisal, as required by the brief supplied by the Dyfed Archaeological Trust Heritage Management Section (DAT, HM, Undated);

9.2 Scheduled Ancient Monuments in their settings

There is one Scheduled Ancient Monuments within the revised appraisal area, the Heolddu ring barrow (ID number 1). The turbine would stand 1.25km to the north, but would not be visible from most of this site as a mature hedgerow overlies the monument and would block the view from most of the barrow. There would be no impact on the barrow setting. Potential impacts on Scheduled Ancient Monuments are included in Appendix A and Table 3.

ID Number	Site Name	Site Type	Level of Impact
11	HEOLDDU	RING BARROW	Very Low

Table 3: Impacts on Scheduled Ancient Monuments

9.3 Previously Recorded Non-scheduled Ancient Monuments in their settings

Four Non-scheduled Ancient Monuments in the appraisal area are thought likely to experience a Very Low indirect, visual impact. This are the Heolddu farmstead (ID number 5), which includes Listed Buildings, a trackway (ID number 10), ridge and furrow (ID number 12) and a quarry (ID number 36) . The turbine would be visible, or partially visible, from these sites, but at distance and with no impact on the setting of the monument. Potential impacts on Non-scheduled Ancient Monuments are included in Appendix A and Table 4. The significance of Non-scheduled Ancient Monuments is addressed in Appendix C.

ID Number	Site Name	Site Type	Level of Impact
5	HEOLDDU	FARMSTEAD	Very Low
10	MORFA MELYN	TRACKWAY	Very Low
12	HEOLDDU	RIDGE AND FURROW	Very Low
36	PEN-Y-FOEL	QUARRY	Very Low

Table 4: Impacts on Non-scheduled Ancient Monuments

9.4 Newly identified sites of historic importance

Two newly recorded sites of historic importance were noted for this appraisal at or near the turbine site. These are the farmstead at Garn Lwyd (ID number 39) and its field system (ID number 40). The details of these sites are included in Appendices A, B & C.

ID Number	Site Name	Site Type	Level of Impact
39	GARN LWYD	FARMSTEAD	Low
40	GARN LWYD	FIELD SYSTEM	Low

Table 5: Impacts on Newly Identified sites

9.5 Listed Buildings in their settings

There are five Listed Buildings within the revised appraisal area, all part of the farmstead at Heolddu. Only two of these, ID numbers 34 and 38, would experience a Very Low indirect, visual impact from the proposed turbine, the others being sheltered by the other buildings and trees.

ID Number	Site Name	Site Type	Level of Impact
34	HEOLDDU	OUTBUILDING	Very Low
38	HEOLDDU FARMHOUSE	FORMER FARMHOUSE	Very Low
32	HEOLDDU	DWELLING	None
33	HEOLDDU	STABLE	None
37	WALLED GARDEN AT HEOL-DDU	WALLED GARDEN	None

Table 6: Impacts on Listed Buildings

9.6 Non-statutory buildings of local importance

Three recorded non-statutory buildings are thought to be likely to have a Very Low level of visual, indirect impact due to the proposed turbine being visible from distance from each location. The settings of the buildings would not be affected by the development however.

ID Number	Site Name	Site Type	Level of Impact
26	CAPEL LLAN LLUAN	CHAPEL	Very Low
27	CAPEL FARM	LONGHOUSE	Very Low
28	CWM LOGIN	BLACKSMITHS WORKSHOP	Very Low

Table 7: Impacts on Non-statutory buildings of local importance

9.7 Registered Parks & Gardens and their essential settings.

There are no Registered Parks and Gardens within the revised study area.

9.8 Registered Historic Landscapes

The development site does not lie in a Registered Historic Landscape.

9.9 Non-registered Historic Landscapes

The development site does not lie in a Special Landscape Area.

9.10 LANDMAP and landscape characterisation information

The proposed turbine would stand in the large Cefn Llanddarog LANDMAP Historic Landscape Aspect Area (CRMRTL39526). This area is a typical Carmarthenshire agricultural landscape with irregular fields with smaller areas of more rectilinear fields. The most significant archaeological element is post medieval settlement. It has an overall evaluation of High. The landscape is described as “complete” with little modern development or intrusion to hinder the visibility of the overall landscape and its patterns. The proposed turbine would not have a significant impact on the essential character of the area, as the development would not disrupt the existing field boundaries or associated landscape elements that define this landscape.

9.11 Conservation Area

There are no Conservation Areas within the revised study area.

9.12 Tir Gofal interests or requirements

No Tir Gofal interests were identified.

9.13 Buried archaeological potential

During the field visit, no physical, visible evidence was noted suggestive of significant buried archaeology at the proposed development site. There is also no documentary, cartographic or aerial photographic evidence of buried archaeology at the proposed location for the turbine.

9.14 Palaeoenvironmental potential

No palaeoenvironmental potential can be identified at the Garn Lwyd turbine site. It is situated in a pasture field.

9.15 Hedgerows and field patterns

The proposed development would be located in a pasture field, which seems to have had enclosed by the early 19th century. The area was shown as enclosed farmland on the 1813 Ordnance Survey Original Surveyors Drawings and the field boundaries have changed little, in terms of layout since the tithe survey of the 1840s. Today the fields are largely defined by low earthwork banks topped with hedgerows. The proposed development will not change the character of the field system or have any effect on any field boundary banks.

9.16 Ancient woodland

There are two Ancient and Semi-natural Woodlands within the revised appraisal area. These are a small area in the Gwendraeth Fach valley, 0.75 kilometres to the east of the turbine, and another small area along a tributary to the Gwendraeth Fach, 0.62 kilometres to the south of the turbine site. Both are on low on the valley sides and the proposed turbine would not impact on these woodlands.

9.17 Place-names

There are no significant place-names closely associated with the proposed turbine site.

9.18 Cumulative impact

No other wind turbines were visible from the proposed development site. The only vertical element intruding into the skyline from the site is the television mast at Llyn Llech Owain, just over 4km to the east-southeast. There are turbines of similar dimension at Nantycaws, over 7km to the west and near Torcoed, over 5km to the southwest, but these cannot be seen from Garn Lwyd. The A48 dual carriageway lies less than 800 metres to the south-southwest of the proposed turbine site.

9.19 National Park

Garn Lwyd is not situated close to any National Park.

10. Conclusion

10.1 There would not be a significant impact on the historic environment or on individual historic assets in relation to the proposed development of a wind turbine at Garn Lwyd.

10.2 There is one Scheduled Ancient Monument within the appraisal area, namely the Heolddu ring barrow (ID number 11). This would experience a Very Low indirect, visual impact from the proposed turbine development, due to intervisibility at distance.

10.3 Of the five Listed Buildings in the appraisal area, only two would experience a Very Low indirect, visual impact from the proposed turbine. These are one of the two farmhouses at Heolddu (ID number 38), and an associated outbuilding (ID number 34) which lie to the northwest of Foelgastell village.

10.4 The farmstead and field system at Garn Lwyd (ID numbers 39 & 40) would experience a Low direct/indirect impact. Seven other non-designated historic assets would experience a Very Low indirect impact, based on intervisibility with the turbine. These are Capel Llan Lluan (ID number 26), the farmhouse at Capel Farm (ID Number 27), A former smithy at Cwm Login (ID number 28), Nantycerig Round Barrow (ID number 3) and three buildings; the Black Lion cottage (ID number 18), a trackway at Morfa Melyn (ID Number 10), Heolddu farmstead (ID Number 5), and ridge and furrow close by (ID Number 12) and a small quarry (ID Number 36).

10.5 On the basis of this appraisal there would be no significant direct or indirect impact on the historic environment from the proposed turbine.

11. Reporting

11.1 Copies of this report will be provided to the client and the Regional Historic Environment Record.

12. References

12.1 Map sources

Ordnance Survey, 1813, 2" to 1 mile Original Surveyors drawing, Llanon Sheet

Ordnance Survey, 1831, 1" to 1 Mile

Ordnance Survey, 1887, 1:2500, 1st edition

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Llanddarog parish tithe map and apportionment, 1839

12.2 Web-based materials

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12.4 Unpublished sources

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Carmarthenshire County Council, 2011, *Special Landscape Areas*

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Appendix A: Garn Lwyd Impacts

Garn Lwyd, Maesybont, Carmarthenshire, Historic Environment Appraisal

ID number:	1	CAE GAER	DEFENDED ENCLOSURE?
		<i>Is there a Direct Impact:</i>	No
		<i>Is there an Indirect Impact:</i>	No
Overall Impact:	None	This enclosure is located on a southwest facing slope and ground rising to the northeast would block the view towards the turbine.	
=====			
ID number:	2	CAPEL LLANLLIAN;CAPEL LLANLLUAN;DAULLIAN'S CHAPEL	WELL CHAPEL;CHAPEL
		<i>Is there a Direct Impact:</i>	No
		<i>Is there an Indirect Impact:</i>	No
Overall Impact:	None	Mature trees and hedgerows seem likely to block any view to the northwest and the turbine, which would stand nearly 2km away.	
=====			
ID number:	3	FFYNNON-LLUAN	HOLY WELL
		<i>Is there a Direct Impact:</i>	No
		<i>Is there an Indirect Impact:</i>	No
Overall Impact:	None	The well has been infilled and no longer survives as a landscape feature.	
=====			
ID number:	4	FOEL GASTELL;WAUN GASTELL	UNKNOWN
		<i>Is there a Direct Impact:</i>	No
		<i>Is there an Indirect Impact:</i>	No
Overall Impact:	None	There are no known archaeological features associated with this 'castle' placename.	
=====			
ID number:	5	HEOLDDU	FARMSTEAD
		<i>Is there a Direct Impact:</i>	No
		<i>Is there an Indirect Impact:</i>	Yes
Overall Impact:	Very Low	Intervisibility The proposed turbine would be visible but 1.3km to the north with no impact on the setting of the farmstead and the listed buildings included in the complex and with minimal visual impact.	
=====			
ID number:	6	GARN LLWYD	ROUND BARROW?
		<i>Is there a Direct Impact:</i>	No
		<i>Is there an Indirect Impact:</i>	No
Overall Impact:	None	There are no recorded archaeological features associated with this 'garn' placename.	

ID number:	7	LLAN;LLAN ISAF;LLAN Y QUARRY;LLAN WASTEN	CHURCH LAND?
		<i>Is there a Direct Impact:</i>	No
		<i>Is there an Indirect Impact:</i>	No
Overall Impact:	None	There are no recorded archaeological features associated with this 'llan' placename.	
=====			
ID number:	8	CAE'R GARREG WEN	STANDING STONE?
		<i>Is there a Direct Impact:</i>	No
		<i>Is there an Indirect Impact:</i>	No
Overall Impact:	None	No recorded archaeological features are associated with this "carreg" placename.	
=====			
ID number:	9	CAE MAEN LLWYD BACH;CAE'R MAENLLWYD	STANDING STONE?
		<i>Is there a Direct Impact:</i>	No
		<i>Is there an Indirect Impact:</i>	No
Overall Impact:	None	There are no archaeological features recorded in association with this "maen" placename.	
=====			
ID number:	10	MORFA MELYN	TRACKWAY
		<i>Is there a Direct Impact:</i>	No
		<i>Is there an Indirect Impact:</i>	Yes
Overall Impact:	Very Low	Intervisibility The proposed turbine is likely to be visible 1.85km to the north but it would only have a minimal visual impact on this feature.	
=====			
ID number:	11	HEOLDDU	RING BARROW
		<i>Is there a Direct Impact:</i>	No
		<i>Is there an Indirect Impact:</i>	Yes
Overall Impact:	Very Low	Intervisibility The turbine would stand 1.25km to the north, but would not be visible from this site on the whole as a mature hedgerow overlies part of the monument and would block the view from most of the barrow. There would be no impact on the barrow setting.	
=====			
ID number:	12	HEOLDDU	RIDGE AND FURROW
		<i>Is there a Direct Impact:</i>	No
		<i>Is there an Indirect Impact:</i>	Yes
Overall Impact:	Very Low	Intervisibility The proposed turbine, over 1.2km to the north would not impact directly on this feature and have only minimal visual impact.	

ID number:	13	PONT MIAWST	BRIDGE
	<i>Is there a Direct Impact:</i>	No	
	<i>Is there an Indirect Impact:</i>	No	
Overall Impact:	None	The proposed turbine is unlikely to be visible from this location.	
=====			
ID number:	14	PONT FFYNNON WAN	BRIDGE
	<i>Is there a Direct Impact:</i>	No	
	<i>Is there an Indirect Impact:</i>	No	
Overall Impact:	None	The proposed turbine is unlikely to be visible from this location.	
=====			
ID number:	15	PONT LAN DWR	BRIDGE
	<i>Is there a Direct Impact:</i>	No	
	<i>Is there an Indirect Impact:</i>	No	
Overall Impact:	None	The proposed turbine is likely to be visible from the bridge but the development would only cause minimal visual impact.	
=====			
ID number:	16	CAER ODYN	KILN?
	<i>Is there a Direct Impact:</i>	No	
	<i>Is there an Indirect Impact:</i>	No	
Overall Impact:	None	No recorded archaeological features are associated with this "odyn" placename.	
=====			
ID number:	17	CAE QWAR TY	QUARRY?
	<i>Is there a Direct Impact:</i>	No	
	<i>Is there an Indirect Impact:</i>	No	
Overall Impact:	None	No quarry has ever been found in this field to explain the field name and no evidence of a quarry survives here.	
=====			
ID number:	18	CAE FFYNNON;GWAUNCAE FFYNNON	WELL
	<i>Is there a Direct Impact:</i>	No	
	<i>Is there an Indirect Impact:</i>	No	
Overall Impact:	None	This feature was apparently destroyed in 1984 when the A48 was built through the area.	
=====			
ID number:	19	LAN DWR	FULLING MILL
	<i>Is there a Direct Impact:</i>	No	
	<i>Is there an Indirect Impact:</i>	No	
Overall Impact:	None	No recorded archaeological features are associated with these "felin" placenames.	

=====

ID number: 20 CAE'R POUND SHEEP FOLD?; POUND?
Is there a Direct Impact: No
Is there an Indirect Impact: No
Overall Impact: None No recorded archaeological features are associated with this "pound" placename.

=====

ID number: 21 CAE'R EFEL BLACKSMITHS WORKSHOP?
Is there a Direct Impact: No
Is there an Indirect Impact: No
Overall Impact: None No recorded archaeological features are associated with this "efel" (efail?) placename.

=====

ID number: 22 LLAIN Y FFYNNON WELL?
Is there a Direct Impact: No
Is there an Indirect Impact: No
Overall Impact: None No recorded archaeological features are associated with this "ffynnon" placename.

=====

ID number: 23 CAE'R EFAIL BLACKSMITHS WORKSHOP
Is there a Direct Impact: No
Is there an Indirect Impact: No
Overall Impact: None This smithy was demolished before 1983 and a car park attached to the Smith's Arms was created over the area.

=====

ID number: 24 CAER ODYN KILN?
Is there a Direct Impact: No
Is there an Indirect Impact: No
Overall Impact: None No recorded archaeological features are associated with this "odyn" placename.

=====

ID number: 25 CAER FYNNON WELL?
Is there a Direct Impact: No
Is there an Indirect Impact: No
Overall Impact: None No recorded archaeological features are associated with this "ffynnon" placename.

=====

ID number: 26 CAPEL LLAN LLUAN CHAPEL
Is there a Direct Impact: No
Is there an Indirect Impact: Yes Intervisibility
Overall Impact: Very Low
 The view towards the proposed turbine, 1.85km to the west-northwest is likely to be interrupted by hedgerows, though partial views may be possibly in winter. There would only be minimal visual impact.

=====

ID number: 27 CAPEL FARM LONGHOUSE
Is there a Direct Impact: No
Is there an Indirect Impact: Yes Intervisibility
Overall Impact: Very Low
 The proposed turbine would be visible almost 2km to the northwest but would have no impact on this building other than a minimal visual impact over distance.

=====

ID number: 28 CWM LOGIN BLACKSMITHS WORKSHOP
Is there a Direct Impact: No
Is there an Indirect Impact: Yes Intervisibility
Overall Impact: Very Low
 The proposed turbine would be visible from this location but would cause only minimal visual impact to this heavily modernised former smithy building.

=====

ID number: 29 UNKNOWN QUARRY
Is there a Direct Impact: No
Is there an Indirect Impact: No
Overall Impact: None
 The proposed turbine would not be visible from within this quarry.

=====

ID number: 30 NEW INN PUBLIC HOUSE?
Is there a Direct Impact: No
Is there an Indirect Impact: No
Overall Impact: None
 It is not clear what the "New Inn" name shown on 19th century OS maps here refers to. The pub nearby was known as the Smith's Arms and the New Inn annotation did not appear to be attached to any building. No evaluation is possible.

=====

ID number: 31 NEW LODGE COTTAGE
Is there a Direct Impact: No
Is there an Indirect Impact: No
Overall Impact: None
 The proposed turbine would not be visible from this location.

=====

ID number: 32 HEOLDDU DWELLING

Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

The proposed turbine would be 1.3km to the north and not visible from this building as farm buildings immediately to the north of the house block the view in that direction.

=====

ID number: 33 HEOLDDU STABLE

Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

The proposed turbine would be 1.3km to the north and not visible from this building as farm buildings immediately to the north of the stables block the view in that direction.

=====

ID number: 34 HEOLDDU OUTBUILDING

Is there a Direct Impact: No

Is there an Indirect Impact: Yes Intervisibility

Overall Impact: Very Low

The proposed turbine would be 1.3km to the north and likely to be visible from this building but with no impact on its setting or relationship on the rest of the complex at Heol Ddu.

=====

ID number: 35 TY-LLWYD LIME KILN

Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

This ruined limekiln is situated in a small wooded area and the trees and nearby hedgerows would screen views towards the wind turbine, over 1.3km to the north.

=====

ID number: 36 PEN-Y-FOEL QUARRY

Is there a Direct Impact: No

Is there an Indirect Impact: Yes Intervisibility

Overall Impact: Very Low

The proposed turbine is likely to be visible 1.8km to the north but it would only have a minimal visual impact on this old sand pit.

=====

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ID number:	37	WALLED GARDEN AT HEOL-DDU	WALLED GARDEN
		Is there a Direct Impact:	No
		Is there an Indirect Impact:	No
Overall Impact:	None		The proposed turbine is unlikely to be visible from the garden as the buildings of Heol Ddu and adjacent mature trees would screen the view.
=====			
ID number:	38	HEOLDDU FARMHOUSE	FORMER FARMHOUSE
		Is there a Direct Impact:	No
		Is there an Indirect Impact:	Yes
Overall Impact:	Very Low		Intervisibility The proposed turbine would be visible some 1.km to the north but with no impact on the setting of this building and with minimal visual impact.
=====			
ID number:	39	GARN LWYD	FARMSTEAD
		Is there a Direct Impact:	Yes
		Is there an Indirect Impact:	Yes
Overall Impact:	Low		Intervisibility The proposed turbine will stand in a field on the farm but its instillation should not cause any disruption to existing field boundaries. There would be some positive impact in diversifying the farm business.
=====			
ID number:	40	GARN LWYD	FIELD SYSTEM
		Is there a Direct Impact:	Yes
		Is there an Indirect Impact:	Yes
Overall Impact:	Low		Intervisibility The proposed turbine will stand in a field on the farm but its instillation should not cause any disruption to existing field boundaries. There would be some positive impact in diversifying the farm business.
=====			

Appendix B: Written Descriptions Of Newly Recorded Archaeological Sites

ID number: 39 GARN LWYD FARMSTEAD
HER PRN: **NMR NPRN:** 0
NGR: SN5413516384 Grid reference taken at centre of site
Broadclass: Agriculture and Subsistence; Domestic
Period: Post Medieval
Form: Complex **Condition:** Near Intact
Site Status: **SAM number:** **LB number:** **grade:**

Description: The farm is shown as Garnllwyd fawr on the Ordnance Survey's Original Surveyors Drawings of 1813, which was the first detailed map made of the country. Garnllwyd Fach was located some 400m to the south-southwest. It appears on the 1 inch to 1 mile scale Ordnance Survey map of 1831 as Garn-llwyd.

The Llanddarog parish tithe map of the 1840s was the first map to depict the field system and layout of buildings at Garnllwyd. The field parcels around the farmyard area, including the field proposed as a site for the wind turbine, are shown to form a similar pattern to that seen today. The accompanying tithe schedule, which was drawn up in 1839, records that the property was owned and occupied by one George Williams. The site of the proposed turbine, field parcel 540, was known as Cae Du. Of the remaining fields on the holding, none had names recorded which were of archaeological significance.

The next detailed map of Garnllwyd is the Ordnance Survey's 1:2500 scale map published in 1887. This is the first map to give an accurate depiction of the layout of the farm buildings. It shows that a building stood at the location of the present farmhouse, although it was a smaller than the present house. Another building stood just to the northeast of the house, where a farm building stands today. A third building stood on the opposite side of the farmyard to the north of the house, where a building stands on a similar alignment today. Later Ordnance Survey maps, down to the mid-20th century, show a similar layout. During the second half of the 20th century a series of larger agricultural buildings were added to the northern side of the farmyard complex and these remain in place today.

The first detailed census returns available date to 1841. Garnllwyd Fawr does not appear on the 1841 census returns for Llanddarog parish. The tithe records that George Williams was the owner occupier of the farm in 1839 and the absence of the property from the 1841 census cannot readily be explained.

The 1851 census returns show that 10 people lived at Garnllwyd Fawr and are named as being "jointly occupiers of 85 acres" there. This is a very unusual arrangement and given the fact that all of them come from outside there area it seems likely that they were associated with a local estate or perhaps even engaged in communal living. The individuals concerned are listed as follows;

Robert Swindles, 54, a farmer from Stockport, Cheshire
 Edward Collett Denton, 25, a joiner from Wakefield, Yorkshire
 Joseph Walker, 16, a farmer from Leeds, Yorkshire
 William Hobson, 15, a farmer from Leeds, Yorkshire
 James Bently, 33, a shoemaker from Tong, Yorkshire
 John Grey, 39, and Hannah Grey, 40 a farmer and his wife from Bolton, Yorkshire, as well as their 10 year old daughter Sarah, born at Marfold, Yorkshire.
 Edna ? Dennis, 14, from Leeds, Yorkshire
 Thomas Harries, 18, a farmer from Milford, Pembroke

In 1861, 30 year old John Griffiths farmed 95 acres at Garnllwyd Fawr. He was born in Llangunnor parish. His wife Elizabeth, 45, lived with him, as did his 5 sons and a daughter. A female servant was employed by the family and a Dressmaker named Jane Evans, 38 and from Llanarthney, was also a resident.

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In 1871, a Frances Davies farmed 51 acres at Garnlwyd Fawr. He was 21 and from Llanarthney parish. He employed a female servant, but otherwise lived alone.

By the time of the 1881 census, Garnlwydfawr was occupied by an Owen Evans, 36, a native of Llanarthney parish. He farmed 99 acres and lived with his wife Emiah, 39, who came from Llangathen. They had three daughters and a son, all aged 7 or younger, and also employed a male farm worker and a female domestic servant.

Ten years later, the 1891 census records that the same family lived at Garnlwydfawr, minus their son John. He would have been 12 by that time but may have passed away during the intervening decade.

In 1901, Emiah Evans is recorded as a widow and lived with her youngest daughter, Hannah, 20. She employed a female domestic servant. A family were also recorded as visitors to the farm on the day of the census. These were Thomas Beavan, 28, a stonemason from Llangyfelach and his wife Elizabeth, 24 and their infant daughter Emiah, who had been born in Bettws, Carmarthenshire. Elizabeth was evidently the middle daughter of Owen and Emiah Evans.

The last available census is that recorded for 1911. This shows that a David Morgans, 41, from Abergwili, now farmed Garnlwyd Fawr. He lived with his wife, Mary, 32, and three daughters and two sons aged 5 or under. A Liverpoolian named Stanley Peers, 17, was employed as a farm labourer.

The 1920 and 1923 editions of 'Kelly's Directory' for South Wales & Monmouthshire also record David Morgans as the farmer at Garnlwydfawr.

<i>Rarity:</i>	Common
<i>Reference:</i>	Trysor
<i>Documentation:</i>	
<i>Group Value:</i>	None
<i>Evidential Value:</i>	Working farmstead
<i>Historical Value:</i>	None
<i>Aesthetic Value:</i>	None
<i>Communal Value:</i>	None
<i>Significance:</i>	Locally Important

ID number:	40	GARN LWYD	FIELD SYSTEM
HER PRN:		NMR NPRN:	0
NGR:	SN5404816273	Grid reference taken at centre of site	
		Broadclass:	Agriculture and Subsistence
Period:	Post Medieval		
Form:	Complex	Condition:	Intact
Site Status:		SAM number:	
		LB number:	grade:
Description:	<p>The Llanddarog parish tithe map of the 1840s was the first map to depict the field system, and layout of buildings, at Garnlwyd. The field parcels around the farmyard area, including the field proposed as a site for the wind turbine, are shown to form a similar pattern to that seen today. The site of the proposed turbine, field parcel 540, was known as Cae Du. Of the remaining fields on the holding, none had names recorded which were of archaeological significance.</p> <p>The fields are small to medium in size and irregular in shape. The field boundaries themselves are mainly low, earthwork banks with hedges, including some mature trees, set on top of them</p>		
Rarity:	Common		
Reference:	Trysor		
Documentation:			
Group Value:	None		
Evidential Value:	Working farmstead		
Historical Value:	None		
Aesthetic Value:	None		
Communal Value:	None		
Significance:	Locally Important		



Plate 1: The field boundary and existing gateway at the eastern edge of the field where there turbine would stand. The enhanced access track would pass through here from the farmyard area to the southeast. Photograph taken looking northeast.

Appendix C:

Site Appraisals Within Study Area

Garn Lwyd, Maesybont, Carmarthenshire, Historic Environment Appraisal

ID number:	1	CAE GAER	DEFENDED ENCLOSURE?
HER PRN:	645	NMR NPRN:	
NGR:	SN52481627	Grid reference taken at centre of site	
		Broadclass:	Defence
Period:	Prehistoric?;Iron Age?		
Form:	Earthwork	Condition:	Damaged
Site Status:		SAM number:	LB number: grade:
Description:	This enclosure is possibly visible on the 2006 Google Earth photograph.		
Rarity:	Not rare		
Reference:	HER		
Documentation:			
Group Value:	None		
Evidential Value:	Cropmark site		
Historical Value:	Described by RCAM in 1917 in the Carmarthenshire Inventory		
Aesthetic Value:	None		
Communal Value:	None		
Significance:	Regionally Important		
ID number:	2	CAPEL LLANLLIAN;CAPEL LLANLLUAN;DAULLIAN'S CHAPEL	WELL CHAPEL;CHAPEL
HER PRN:	647	NMR NPRN:	
NGR:	SN55441557	Grid reference taken at centre of site	
		Broadclass:	Religious Ritual and Funerary
Period:	Medieval		
Form:	Building	Condition:	Near Destroyed
Site Status:		SAM number:	LB number: grade:
Description:			
Rarity:	Not common		
Reference:	HER		
Documentation:			
Group Value:	Associated with a possible holy well		
Evidential Value:	Documentary evidence, also shown on 1813 OS Original Surveyors Drawings		
Historical Value:	Described in historical sources		
Aesthetic Value:	None		
Communal Value:	Former place of worship		
Significance:	Locally Important		

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ID number: 3 FFYNNON-LLUAN HOLY WELL
HER PRN: 649 **NMR NPRN:**
NGR: SN5556317141 Grid reference taken at centre of site
Broadclass: Religious Ritual and Funerary; Water Supply and

Drainage

Period: Medieval
Form: Documentary Evidence **Condition:** Near Destroyed
Site Status: **SAM number:** **LB number:** **grade:**
Description:

Rarity: Not common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Documentary evidence
Historical Value: Mentioned in Frances Jones' "Holy Wells of Wales"
Aesthetic Value: None
Communal Value: Formerly a place of devotion
Significance: Locally Important

ID number: 4 FOEL GASTELL; WAUN UNKNOWN
 GASTELL
HER PRN: 4730 **NMR NPRN:**
NGR: SN54481481 Grid reference taken at centre of site
Broadclass: Unassigned
Period: Unknown
Form: Placename Evidence **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Description:

Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Placename evidence only
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Unknown

ID number: 5 HEOLDDU FARMSTEAD
HER PRN: 6761 **NMR NPRN:** 31610
NGR: SN53981518 Grid reference taken at centre of site
Broadclass: Domestic
Period: Post Medieval
Form: Complex **Condition:** Intact
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: A complex of historic buildings
Evidential Value: Standing buildings, still occupied
Historical Value: Described by Cadw for listing purposes
Aesthetic Value: None
Communal Value: None
Significance: Regionally Important

ID number: 6 GARN LLWYD ROUND BARROW?
HER PRN: 10811 **NMR NPRN:**
NGR: SN541162 Grid reference taken at centre of site
Broadclass: Religious Ritual and Funerary
Period: Bronze Age?
Form: Placename Evidence **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Placename evidence only
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Unknown

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ID number: 7 LLAN;LLAN ISAF;LLAN Y CHURCH LAND?
 QUARRY;LLAN WASTEN
HER PRN: 10824 **NMR NPRN:**
NGR: SN528169 Grid reference taken at centre of site
Broadclass: Unassigned
Period: Post Medieval?;Medieval?
Form: Placename Evidence **Condition:** Not known
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Placename only
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 8 CAE'R GARREG WEN STANDING STONE?
HER PRN: 10843 **NMR NPRN:**
NGR: SN547171 Grid reference taken at centre of site
Broadclass: Religious Ritual and Funerary
Period: Bronze Age?
Form: Placename Evidence **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Placename evidence only
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Unknown

ID number: 9 CAE MAEN LLWYD STANDING STONE?
 BACH;CAE'R MAENLLWYD
HER PRN: 10852 **NMR NPRN:**
NGR: SN541177 Grid reference taken at centre of site
Broadclass: Religious Ritual and Funerary
Period: Bronze Age?
Form: Placename Evidence **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Placename only
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Unknown

ID number: 10 MORFA MELYN TRACKWAY
HER PRN: 10859 **NMR NPRN:**
NGR: SN53911460 Grid reference taken at point along linear site
Broadclass: Transport
Period: Post Medieval;Medieval
Form: Earthwork **Condition:** Damaged
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Not rare
Reference: HER
Documentation:
Group Value: None
Evidential Value: Documentary evidence, part of track survives
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Locally Important

ID number: 11 HEOLDDU RING BARROW
HER PRN: 11984 **NMR NPRN:** 275699
NGR: SN5411215230 Grid reference taken at centre of site
Broadclass: Religious Ritual and Funerary
Period: Bronze Age
Form: Earthwork **Condition:** Near Destroyed
Site Status: Scheduled Ancient **SAM number:** CM230 **LB number:** **grade:**
 Monument

Description:

Rarity: Not common locally
Reference: HER
Documentation:
Group Value: None
Evidential Value: Denuded earthwork, partly excavated in 1984
Historical Value: Described in archaeological sources, including details of the 1984 excavation
Aesthetic Value: None
Communal Value: None
Significance: Nationally Important

ID number: 12 HEOLDDU RIDGE AND FURROW
HER PRN: 11987 **NMR NPRN:**
NGR: SN541152 Grid reference taken at centre of site
Broadclass: Agriculture and Subsistence
Period: Post Medieval; Medieval
Form: Earthwork **Condition:** Damaged
Site Status: **SAM number:** **LB number:** **grade:**

Description:

Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Denuded cultivation ridges of probably 19th century date
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 13 PONT MIAWST BRIDGE
HER PRN: 16901 **NMR NPRN:**
NGR: SN55271714 Grid reference taken at centre of site
Broadclass: Transport;Monument <by Form>
Period: Post Medieval
Form: Structure **Condition:** Intact
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Bridge carrying a minor road over a watercourse
Historical Value: None
Aesthetic Value: None
Communal Value: On a public road
Significance: Minor Importance

ID number: 14 PONT FFYNNON WAN BRIDGE
HER PRN: 16902 **NMR NPRN:**
NGR: SN55451699 Grid reference taken at centre of site
Broadclass: Transport;Monument <by Form>
Period: Post Medieval
Form: Structure **Condition:** Intact
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Bridge carrying a minor road over a watercourse
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 15 PONT LAN DWR BRIDGE
HER PRN: 16949 **NMR NPRN:**
NGR: SN53971589 Grid reference taken at centre of site
Broadclass: Transport;Monument <by Form>
Period: Post Medieval
Form: Structure **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Bridge on minor rural road, no longer used as the road was closed when the A48 was built
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 16 CAER ODYN KILN?
HER PRN: 22017 **NMR NPRN:**
NGR: SN52951635 Grid reference taken at centre of site
Broadclass: Industrial;Monument <by Form>
Period: Post Medieval?
Form: Placename Evidence **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Place name evidence only
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 17 CAE QWAR TY QUARRY?
HER PRN: 22027 **NMR NPRN:**
NGR: SN54051633 Grid reference taken at centre of site
Broadclass: Industrial
Period: Post Medieval?
Form: Placename Evidence **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Place name evidence only
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 18 CAE FFYNNON;GWAUNCAE WELL
 FFYNNON
HER PRN: 22032 **NMR NPRN:**
NGR: SN52711638 Unknown
Broadclass: Water Supply and Drainage
Period: Post Medieval
Form: Structure **Condition:** Destroyed
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Not rare
Reference: HER
Documentation:
Group Value: None
Evidential Value: Documentary evidence only
Historical Value: Described in HER as being destroyed c.1984 by road building
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 19 LAN DWR FULLING MILL
HER PRN: 22055 **NMR NPRN:**
NGR: SN540158
Broadclass: Industrial
Period: Post Medieval
Form: Complex **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Not common
Reference:
Documentation:
Group Value: Field names connected with woollen mill to the north
Evidential Value: Placename evidence only
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 20 CAE'R POUND SHEEP
 FOLD?;POUND?
HER PRN: 22056 **NMR NPRN:**
NGR: SN541157 Grid reference taken at centre of site
Broadclass: Agriculture and Subsistence
Period: Post Medieval?
Form: Placename Evidence **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: Her
Documentation:
Group Value: None
Evidential Value: Placename evidence only
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Unknown

ID number: 21 CAE'R EFEL BLACKSMITHS
WORKSHOP?

HER PRN: 22057 **NMR NPRN:**

NGR: SN536156 Grid reference taken at centre of site

Broadclass: Industrial

Period: Post Medieval?

Form: Placename Evidence **Condition:** Not Known

Site Status: **SAM number:** **LB number:** **grade:**

Description:

Rarity: Common

Reference: HER

Documentation:

Group Value: None

Evidential Value: Placename evidence only

Historical Value: None

Aesthetic Value: None

Communal Value: None

Significance: Unknown

ID number: 22 LLAIN Y FFYNNON WELL?

HER PRN: 22058 **NMR NPRN:**

NGR: SN537153 Grid reference taken at centre of site

Broadclass: Water Supply and Drainage

Period: Post Medieval?

Form: Placename Evidence **Condition:** Not Known

Site Status: **SAM number:** **LB number:** **grade:**

Description:

Rarity: Common

Reference: HER

Documentation:

Group Value: None

Evidential Value: Placename evidence only

Historical Value: None

Aesthetic Value: None

Communal Value: None

Significance: Unknown

ID number: 23 CAE'R EFALL BLACKSMITHS
WORKSHOP

HER PRN: 22067 **NMR NPRN:**

NGR: SN54596792 Grid reference taken at centre of site

Broadclass: Industrial

Period: Post Medieval

Form: Building **Condition:** Near Destroyed

Site Status: **SAM number:** **LB number:** **grade:**

Description:

Rarity: Common

Reference: HER

Documentation:

Group Value: None

Evidential Value: Historic mapping evidence

Historical Value: None

Aesthetic Value: None

Communal Value: None

Significance: Locally Important

ID number: 24 CAER ODYN KILN?

HER PRN: 22087 **NMR NPRN:**

NGR: SN551179 Grid reference taken at centre of site

Broadclass: Industrial;Monument <by Form>

Period: Post Medieval?

Form: Placename Evidence **Condition:** Not Known

Site Status: **SAM number:** **LB number:** **grade:**

Description:

Rarity: Common

Reference: HER

Documentation:

Group Value: None

Evidential Value: Placename evidence only

Historical Value: None

Aesthetic Value: None

Communal Value: None

Significance: Unknown

ID number: 25 CAER FYNNON WELL?
HER PRN: 22088 **NMR NPRN:**
NGR: SN550177 Grid reference taken at centre of site
Broadclass: Water Supply and Drainage
Period: Post Medieval?
Form: Placename Evidence **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Placename evidence only
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Unknown

ID number: 26 CAPEL LLAN LLUAN CHAPEL
HER PRN: 22089 **NMR NPRN:**
NGR: SN55671587 Grid reference taken at centre of site
Broadclass: Religious Ritual and Funerary
Period: Post Medieval
Form: Building **Condition:** Intact
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Standing building, in use
Historical Value: None
Aesthetic Value: None
Communal Value: Place of worship and burial
Significance: Locally Important

ID number: 27 CAPEL FARM LONGHOUSE
HER PRN: 22090 **NMR NPRN:**
NGR: SN55401550 Grid reference taken at centre of site
Broadclass: Domestic
Period: Post Medieval
Form: Building **Condition:** Restored
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: Former dwelling at Capel Llanlluan farmstead
Evidential Value: Standing building, renovated
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Locally Important

ID number: 28 CWM LOGIN BLACKSMITHS
 WORKSHOP
HER PRN: 22103 **NMR NPRN:**
NGR: SN5457415763 Grid reference taken at centre of site
Broadclass: Industrial
Period: Post Medieval
Form: Building **Condition:** Converted
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Historic map evidence, the smithy is now a modernised house
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Locally Important

ID number: 29 UNKNOWN QUARRY
HER PRN: 22106 **NMR NPRN:**
NGR: SN548155 Grid reference taken at centre of site
Broadclass: Industrial
Period: Post Medieval
Form: Earthwork **Condition:** Damaged
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Disused and overgrown limestone quarry
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Locally Important

ID number: 30 NEW INN PUBLIC HOUSE?
HER PRN: 22111 **NMR NPRN:**
NGR: SN5451114814 Grid reference taken at centre of site
Broadclass: Commercial;Recreational
Period: Post Medieval
Form: Documentary Evidence **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Place name evidence only
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Unknown

ID number: 31 NEW LODGE COTTAGE
HER PRN: 24184 **NMR NPRN:**
NGR: SN54691486 Grid reference taken at centre of site
Broadclass: Domestic
Period: Post Medieval
Form: Building **Condition:** Restored
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Standing building, modernised
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 32 HEOLDDU DWELLING
HER PRN: 25587 **NMR NPRN:** 306650
NGR: SN5397115161 Grid reference taken at centre of site
Broadclass: Domestic
Period: Post Medieval
Form: Building **Condition:** Restored
Site Status: Listed Building **SAM number:** **LB number:** 9754
grade: II
Description: Restored in recent times and now occupied.
Rarity: Common
Reference: HER
Documentation:
Group Value: Part of historic settlement complex at Heol Ddu
Evidential Value: Standing building, still occupied
Historical Value: Described by Cadw for listing purposes
Aesthetic Value: None
Communal Value: None
Significance: Nationally Important

ID number: 33 HEOLDDU STABLE
HER PRN: 26415 **NMR NPRN:** 306670
NGR: SN5399315165 Grid reference taken at centre of site
Broadclass: Agriculture and Subsistence;Transport
Period: Post Medieval
Form: Building **Condition:** Intact
Site Status: Listed Building **SAM number:** **LB number:** 9755
grade: II
Description:
Rarity: Common
Reference:
Documentation:
Group Value: Part of historic settlement complex at Heol Ddu
Evidential Value: Standing building, still in use
Historical Value: Described by Cadw for listing purposes
Aesthetic Value: None
Communal Value: None
Significance: Nationally Important

ID number: 34 HEOLDDU OUTBUILDING
HER PRN: 26425 **NMR NPRN:** 306671
NGR: SN5399015209 Grid reference taken at centre of site
Broadclass: Unassigned
Period: Post Medieval
Form: Building **Condition:** Intact
Site Status: Listed Building **SAM number:** **LB number:** 9756
grade: II
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: Part of historic settlement complex at Heol Ddu
Evidential Value: Standing building, still in use
Historical Value: Described by Cadw for listing purposes
Aesthetic Value: None
Communal Value: None
Significance: Nationally Important

ID number: 35 TY-LLWYD LIME KILN
HER PRN: 27862 **NMR NPRN:**
NGR: SN5391615122 Grid reference taken at centre of site
Broadclass: Industrial
Period: Post Medieval
Form: Structure **Condition:** Damaged
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common locally
Reference: HER
Documentation:
Group Value: None
Evidential Value: Ruined kiln in a wooded parcel
Historical Value: Described in archaeological reports
Aesthetic Value: None
Communal Value: None
Significance: Locally Important

ID number: 36 PEN-Y-FOEL QUARRY
HER PRN: 28317 **NMR NPRN:**
NGR: SN54201480 Grid reference taken at centre of site
Broadclass: Industrial
Period: Post Medieval
Form: Earthwork **Condition:** Near Intact
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: None
Evidential Value: Overgrown former sand pit
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 37 WALLED GARDEN AT WALLED GARDEN
HEOL-DDU
HER PRN: 61133 **NMR NPRN:** 306674
NGR: SN5401515163 Grid reference taken at centre of site
Broadclass: Gardens Parks and Urban Spaces
Period: Post Medieval
Form: Building **Condition:** Damaged
Site Status: Listed Building **SAM number:** **LB number:** 21303
grade: II
Description:
Rarity: Not common
Reference: HER
Documentation:
Group Value: Part of historic settlement complex at Heol Ddu
Evidential Value: The walls of the 18th century garden survive
Historical Value: Described by Cadw for listing purposes
Aesthetic Value: None
Communal Value: None
Significance: Nationally Important

ID number: 38 HEOLDDU FARMHOUSE FORMER
FARMHOUSE
HER PRN: 61985 **NMR NPRN:** 17427
NGR: SN5397415178 Grid reference taken at centre of site
Broadclass: Agriculture and Subsistence
Period: Post Medieval
Form: Building **Condition:** Restored
Site Status: Listed Building **SAM number:** **LB number:** 9753
grade: II
Description:
Rarity: Common
Reference: HER
Documentation:
Group Value: Part of historic settlement complex at Heol Ddu
Evidential Value: Standing building, still occupied
Historical Value: Described by Cadw for listing purposes
Aesthetic Value: None
Communal Value: None
Significance: Nationally Important

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ID number: 39 GARN LWYD FARMSTEAD
HER PRN: NMR NPRN: 0
NGR: SN5413516384 Grid reference taken at centre of site
Broadclass: Agriculture and Subsistence; Domestic
Period: Post Medieval
Form: Complex **Condition:** Near Intact
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: Trysor
Documentation:
Group Value: None
Evidential Value: Working farmstead
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Locally Important

ID number: 40 GARN LWYD FIELD SYSTEM
HER PRN: NMR NPRN: 0
NGR: SN5404816273 Grid reference taken at centre of site
Broadclass: Agriculture and Subsistence
Period: Post Medieval
Form: Complex **Condition:** Intact
Site Status: **SAM number:** **LB number:** **grade:**
Description:
Rarity: Common
Reference: Trysor
Documentation:
Group Value: None
Evidential Value: Working farmstead
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Locally Important