

Hendre, Llandysul Ceredigion Historic Environment Appraisal



Report by: Trysor

For: DC21

January 2014



Hendre, Llandysul, Ceredigion Historic Environment Appraisal

By

Jenny Hall, MIfA & Paul Sambrook, MIfA
Trysor

Trysor Project No. 2013/340

For: DC21

January 2014

38, New Road
Gwaun-cae-Gurwen
Ammanford
Carmarthenshire
SA18 1UN
www.trysor.net
enquiries@trysor.net



Cover photograph: From the approximate location of the proposed turbine, looking southwest.

Hendre, Llandysul, Ceredigion Historic Environment Appraisal

RHIF YR ADRODDIAD - REPORT NUMBER: Trysor 2013/340

DYDDIAD 14^{eg} Ionawr 2014

DATE 14th January 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.

JENNY HALL MifA

Jenny Hall

PAUL SAMBROOK MifA

Paul Sambrook

Croesawn unrhyw sylwadau ar gynnwys neu strwythur yr adroddiad hwn.

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

38, New Road,
Gwaun-cae-Gurwen
Ammanford
Carmarthenshire
SA18 1UN
01269 826397

Trecllyn
Eglwyswrw
Crymych
Pembrokeshire
SA41 3SU
01239 891470

www.trysor.net

enquiries@trysor.net

Trysor is a Registered Organisation with the Institute for Archaeologists and both partners are Members of the Institute for Archaeologists, www.archaeologists.net .

Jenny Hall (BSc Joint Hons., Geology and Archaeology, MifA) had 12 years excavation experience, which included undertaking watching briefs prior to becoming the Sites and Monuments Record Manager for a Welsh Archaeological Trust for 10 years. She has been an independent archaeologist since 2004 undertaking a variety of work that includes upland survey, desk-based appraisals and assessments, and watching briefs.

Paul Sambrook (BA Joint Hons., Archaeology and Welsh, MifA, PGCE) has extensive experience as a fieldworker in Wales. He was involved with Cadw's pan-Wales Deserted Rural Settlements Project for 7 years. He also undertook Tir Gofal field survey work and watching briefs. He has been an independent archaeologist since 2004 undertaking a variety of work including upland survey, desk-based appraisals/assessments, and watching briefs.

Contents

1. Summary	1
2. Copyright	1
3. Introduction	1
4. The Proposed Development	2
5. Methodology	3
6. Hendre: Historical Overview	6
7. Hendre: Proposed Turbine Site	7
8. Impact Assessment	7
9. Historic Landscape Aspects Relating to Hendre Proposed Turbine	10
10. Conclusion	13
11. Reporting	13
12. References	14
Appendix A: Hendre Impacts	15
Appendix B: Descriptions of Newly Recorded Sites	21
Appendix C: Site Appraisals within the Revised Study Area	24

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 Hendre, Llandysul, Ceredigion.

1.2 The appraisal has looked at all known historic assets within an area measuring 2km in radius, focused on SN4477848902, 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 turbines and record previously unknown historic assets.

1.3 The appraisal area was revised after the field visit to exclude areas where there could be no intervisibility or impact on setting.

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

1.5 No Scheduled Ancient Monument would be affected by the proposed development and of six Listed Buildings in the appraisal area only two would experience a Very Low, indirect visual impact.

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

1.7 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 Charles Ashton, of Ashton Smith Associates, Belvedere House, 2 Victoria Avenue, Harrogate, North Yorkshire, HG1 1EL, has commissioned Trysor heritage consultants, on behalf of DC21, to write an Historic Environment Appraisal as part of documentation for a planning application for a single wind turbine at Hendre, Llandysul, Ceredigion, SA44 4UA.

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, 2013) and Dyfed Archaeological Trust Heritage Management section approved the specification.

4. The proposed development

4.1 It is proposed that a single turbine with a height of 36.6 metres to the hub and 46.3 metres to the upright blade tip will be located in a single field parcel at SN4477848902 at Hendre, Llandysul, Ceredigion, SA44 4UA, see Figure 1.

4.2 The turbine would require a foundation trench measuring 7 metres by 7 metres and 2.5 metre deep, with a cable trench running for about 180 metres to the farm buildings to the west northwest. Existing trackways will give access to the development site.

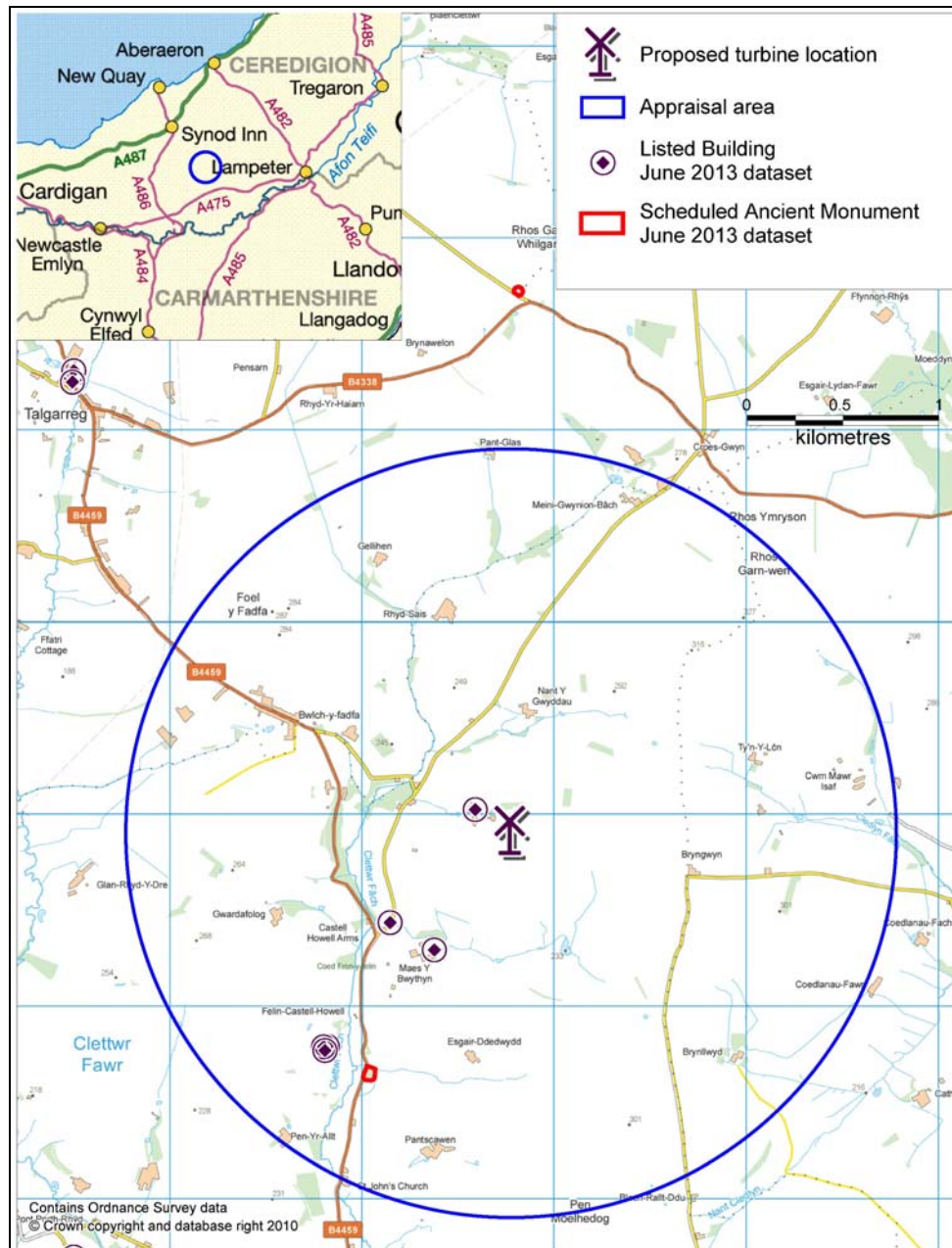


Figure 1: Location of the proposed turbine, showing the 2km radius appraisal area.

5. Methodology

5.1 A study area of 2km radius circle centred on SN4477848902, the proposed turbine site, was chosen for the initial appraisal of sites. This area was revised to exclude an area on the east where there was no intervisibility or possibility of impact on setting of historic assets, see Figure 2.

5.2 The HER enquiry for the 2km radius area yielded 28 records.

5.3 Within the 28 records, one had an incorrect NGR and actually lay outside the revised study area and 2 were duplicates of other records and these were removed from the dataset. A further 2 records lay within the excluded area and were also removed. This left 23 HER records in the appraisal dataset. One of these was a Scheduled Ancient Monument and six were Listed Buildings.

5.4 A site visit was made to Hendre and the surrounding area on November 18th, 2013 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.

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

5.6 Historic mapping was consulted. The maps used included 19th and 20th century 1:2500 scale Ordnance Survey mapping and the *Llandyssil* parish tithe map of 1846 and accompanying tithe schedule of 1841.

5.7 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.

5.8 At the end of a rapid appraisal of the data, the information from the site visit and historic map search, the appraisal dataset contained 25 records.

5.8.1 As stated in 5.3, 5 HER records were discarded as they were for sites that lay outside the area, duplicate records, or those which fell within the excluded area.

5.8.2 Two new records were created in the project database by Trysor. These were for the farmstead at Glandwr (ID number 24) and the dwelling at Hendre (ID number 25).

5.9 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.

5.10 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).

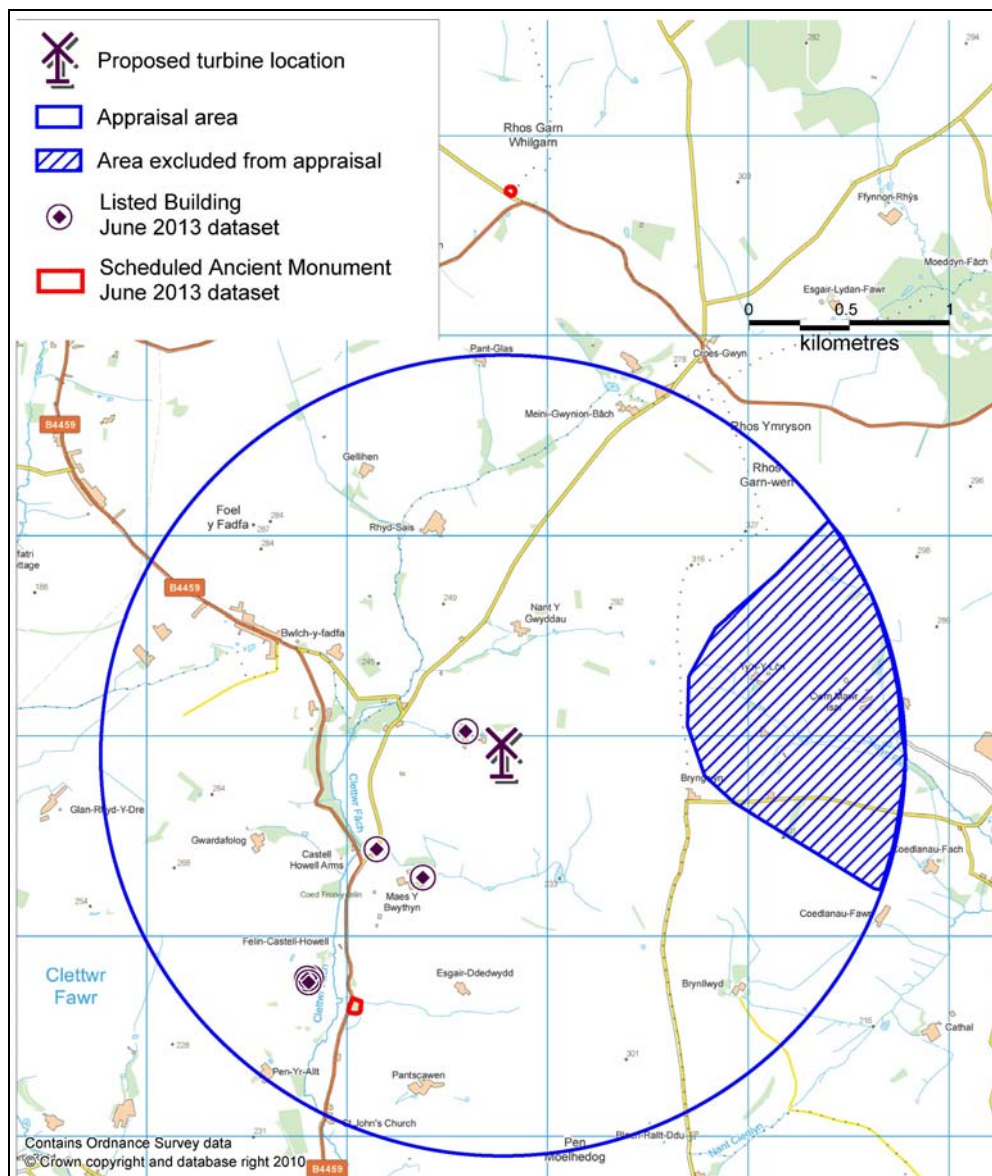


Figure 2: Showing the area excluded from the appraisal area as there would be no intervisibility with the proposed turbine.

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.

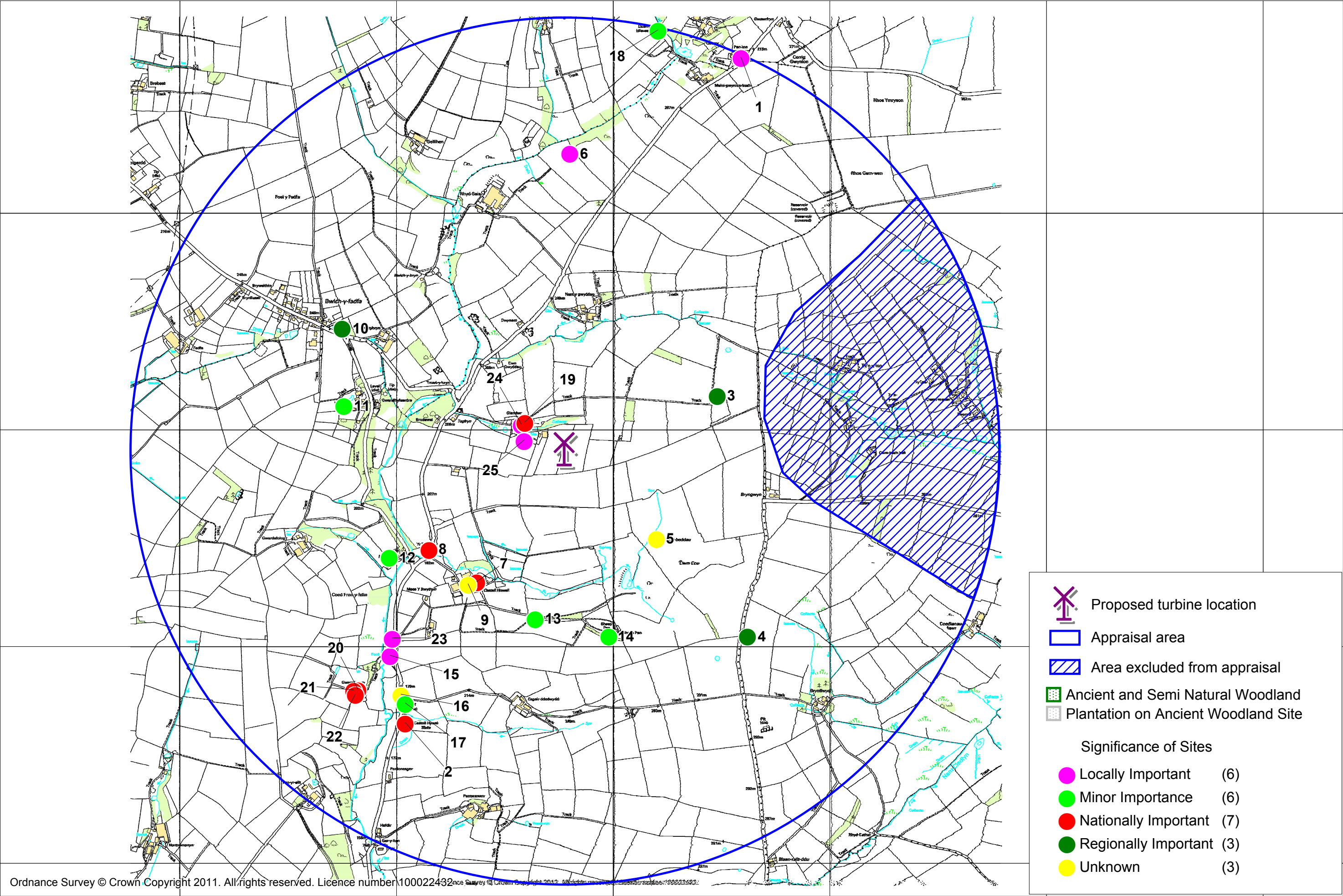


Figure 2: The 2km appraisal area showing significance of sites, labelled with Project ID number

6. Hendre: Historical overview

6.1 Hendre was built on the land of Glandwr farm during the 1970s. Glandwr farmstead is shown some 500 metres to the west of its present location on the Lampeter map sheet of the 1811 Ordnance Survey Original Surveyors Drawing. By the time of the 1834 1" to 1 mile scale map Glandwr had moved to its present location.

6.2 The Llandysul parish tithe survey of 1846 shows very little detail of use to assist in charting the history of the farmstead or field system at Glandwr. The tithe map is crudely drawn and shows only holding boundaries and rough sketches of the layout of farmstead buildings. Field boundaries were not surveyed and no field names were provided in the accompanying schedule. At the time of the tithe survey, Glandwr was owned by John Lloyd Davies (owner of the Alltyrodyn, Blaendyffryn and Castell Howell estates) and farmed by his tenant, David Evans.

6.3 Hendre bungalow was built when Glandwr farm was divided between two relatives and it first appears on Ordnance Survey maps in 1978. The bungalow is part of a smallholding and has a modern stable block and barn 75 metres to the east-northeast of the house.

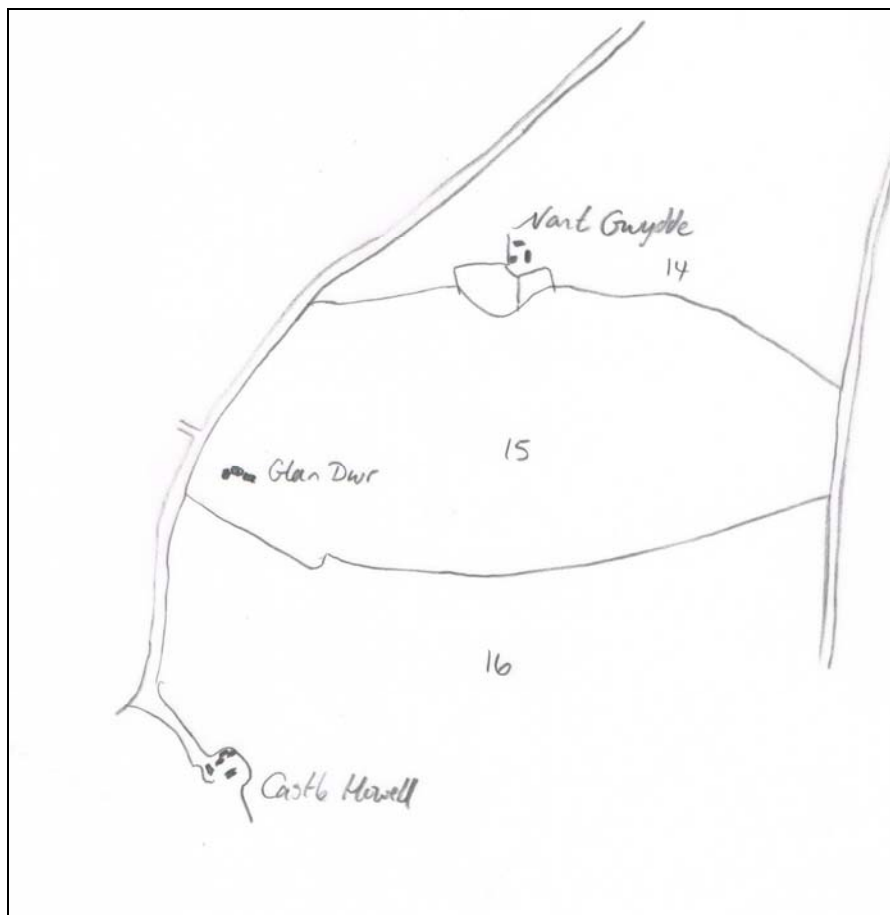


Figure 4: Glandwr farm, as shown on the Llandysul parish tithe map of 1846

7. Hendre: Proposed turbine site

7.1 The proposed turbine at Hendre is to be located at SN4477848902 in a pasture field, just over 190 metres to the east southeast of the buildings at Hendre. The proposed cable trench will run back to the bungalow where it will connect to an existing electricity supply. An existing access track will be used.

7.2 When the smallholding and its environs were visited in November 2013, an assessment was made of the intervisibility of key monuments in the local landscape with the proposed turbine site. This assessment was undertaken during a rain shower but with good visibility.

8. Impact Assessment

8.1 Within the revised area a total of 25 sites were recorded in the appraisal database.

8.2 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 1 below and illustrated in Figure 5.

8.3 As Table 1 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 1 can be found in Appendix A).

8.4 An examination of the proposed development site identified no evidence of surface material of archaeological interest. The land was under pasture with very little exposure of the underlying soil surface.

8.5 An existing access track would be used and there will be no impact on any historic assets.

8.6 The cable trench will run west-northwestwards towards the bungalow. It will pass through an existing gap in the field boundary at the west-northwestern side of the field, where a modern trackway runs to the bungalow. No historic field boundaries will be affected by the cable trench.

Table 1: Impact on sites within the appraisal area around the Hendre proposed turbine site

ID number	Site Name	Site Type	Level of Impact
25	HENDRE	DWELLING	Low
3	Y GARN	ROUND BARROW	Very Low
14	CASTELL HOWELL	QUARRY	Very Low
20	GWARALLTYRYN,PONTSIAN ROAD,CASTELL HYWEL	FARMHOUSE	Very Low
22	OUTBUILDINGS OPPOSITE GWARALLTYRYN,PONTSIAN ROAD,CASTELL HYWEL	AGRICULTURAL BUILDING	Very Low
1	YSGUBOR MOEDDIN	TITHE BARN?	None
2	CASTELL HYWEL	MOTTE	None
4	BRYN LLWYD	ROUND BARROW	None
5	CWM TRI-BEDDAU	CEMETERY	None
6	FFOS COTTAGE	COTTAGE	None
7	CASTLE HOWELL;CASTELL-HYWEL	FARMHOUSE	None
8	CASTLE HOWELL SMITHY COTTAGE	COTTAGE	None
9	CASTELL HYWEL	FORTIFIED HOUSE	None
10	CAPEL-Y-FADFA	CHAPEL	None
11	CWAR GWARALLTYFAERDRE	QUARRY	None
12	FRON-DËS	GRAVEL PIT	None
13	CASTELL HOWELL	GRAVEL PIT	None
15	FELIN CASTELL HOWELL	CORN MILL	None
16	YSGUBOR ESGAIR	BARN	None
17	YSGUBOR ESGAIR	SAND PIT	None
18	MEINIR-GWINION-MAWR QUARRY	QUARRY	None
19	WATERMILL AT GLANDWR,MYDROILYN ROAD,CASTELL HYWEL	WATER MILL	None
21	CARTSHED RANGE TO LEFT OF GWARALLTYRYN, PONTSIAN ROAD,CASTELL HYWEL	CARTSHED RANGE	None
23	FELIN CASTELL HOWELL	MILL RACE	None
24	GLANDWR	FARMSTEAD	None

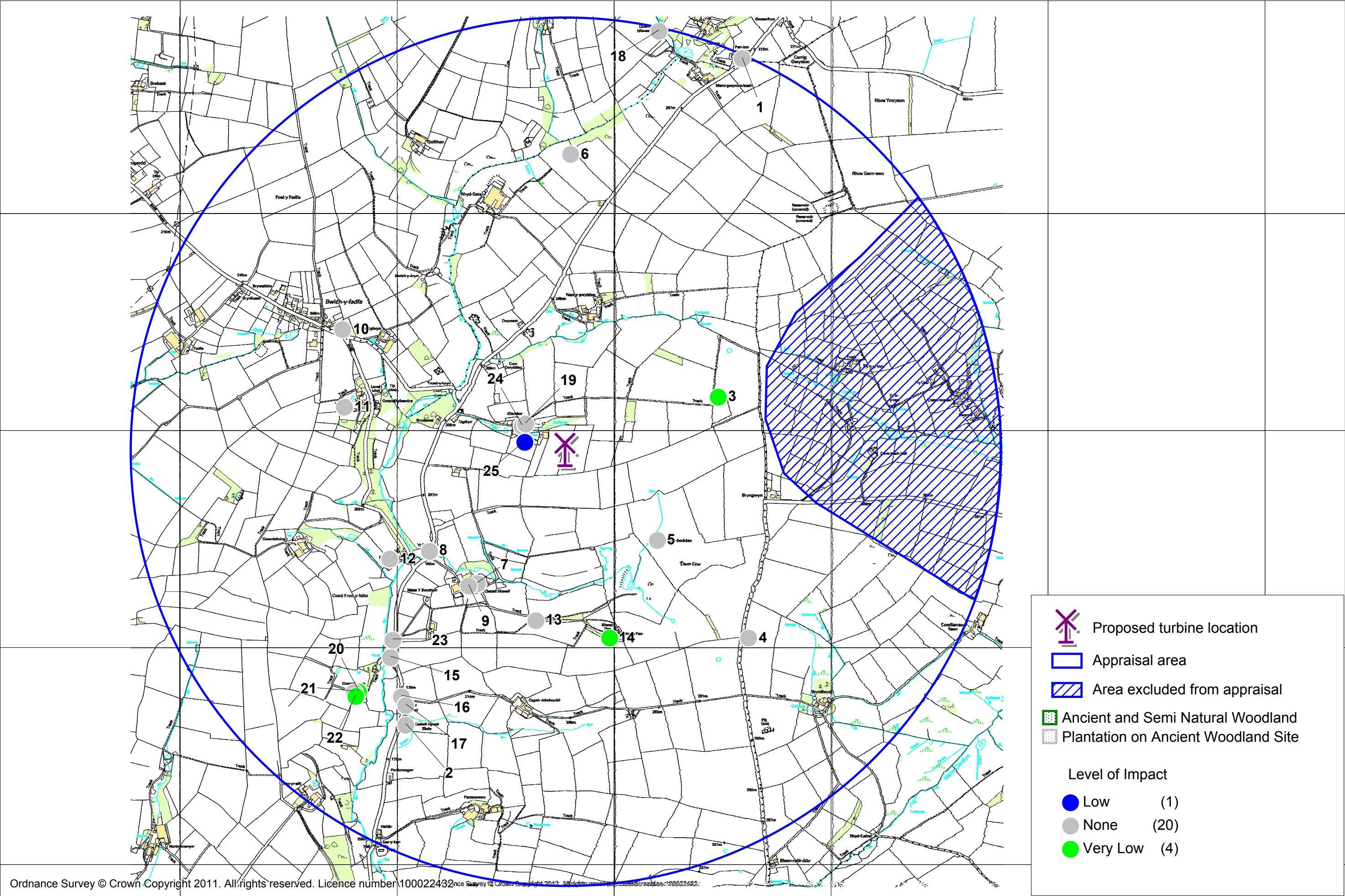


Figure 5: The 2km appraisal area showing the impact on sites, labelled with Project ID number

9. Historic Landscape Aspects Relating to the Hendre Proposed Turbine

9.1 The following aspects of the historic environment around the Hendre 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);

a) Scheduled Ancient Monuments in their settings

There is 1 Scheduled Ancient Monument designation within the revised appraisal area, see Table 2. This is the Castell Hywel medieval motte, (ID number 2) which would not be intervisible with the proposed turbine.

ID number	SAM number	Site Name	Site Type	Level of Impact
2	CD084	CASTELL HYWEL	MOTTE	None

Table 2: Impacts on Scheduled Ancient Monuments

b) Previously Recorded Non-scheduled Ancient Monuments in their settings

Two historic assets in the revised appraisal area are thought likely to experience a Very Low indirect, visual impact. This is due to their being intervisible with the proposed turbine over distance, but in no case would their setting be affected by the development. These sites are listed in Table 3 below. The Garn Round Barrow (ID number 3) is shown on 19th century Ordnance Survey maps as a Cairn, but by the late 20th century no longer appears on OS maps and seems to have been damaged by a plantation created on the site. It was described by W.F. Grimes as a damaged site in the 1950s and is not visible on modern aerial photographs, although traces of the monument may survive in the landscape.

Potential impacts on Non-scheduled Ancient Monuments are included in Appendix A and Table 3. The significance of Non-scheduled Ancient Monuments is addressed in Appendix C.

ID number	Site Name	Site Type	Level of Impact
3	Y GARN	ROUND BARROW	Very Low
14	CASTELL HOWELL	QUARRY	Very Low

Table 3: Impacts on Non-scheduled Ancient Monuments

c) 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 include the 19th century farmstead at Glandwr (ID number 24) and the modern bungalow at Hendre (ID number 25).

The details of these sites are included in Appendices A, B & C.

ID number	Site Name	Site Type	Level of Impact
24	GLANDWR	FARMSTEAD	None
25	HENDRE	DWELLING	Low

d) Listed Buildings in their settings

There are six Listed Buildings within the revised appraisal area.

The 19th century watermill building at Glandwr (ID number 19) is the closest in proximity, but the site visit demonstrated that there would be no intervisibility between this building and the proposed turbine, as higher ground and woodland to the rear (southeast and east) of the building blocks all views towards the proposed development. The mill building is also in a very restricted, farmyard context and its setting would in no way be affected by the development.

Neither the Castle Howell Farmhouse (ID Number 7) nor Castle Howell Smithy Cottage (ID number 8) would be intervisible with the proposed turbine. Of the three listed buildings at Gwaralltyryn, the Cartshed (ID number 21) would have no view towards the turbine as the farmhouse blocks the view. The turbine may be visible from both the Farmhouse and Outbuilding at Gwaralltyryn (ID numbers 20 & 22) but it is probable that only the top of the turbine would be in view and at a distance of 1.45km, which leads to the conclusion that the indirect, visual impact on both buildings would be Very Low.

ID number	Site Name	Site Type	Level of Impact
20	GWARALLTYRYN,PONTSIAN ROAD,CASTELL HYWEL	FARMHOUSE	Very Low
22	OUTBUILDINGS OPPOSITE GWARALLTYRYN,PONTSIAN ROAD,CASTELL HYWEL	AGRICULTURAL BUILDING	Very Low
7	CASTLE HOWELL;CASTELL-HYWEL	FARMHOUSE	None
8	CASTLE HOWELL SMITHY COTTAGE	COTTAGE	None
19	WATERMILL AT GLANDWR,MYDROILYN ROAD,CASTELL HYWEL	WATER MILL	None
21	CARTSHED RANGE TO LEFT OF GWARALLTYRYN, PONTSIAN ROAD,CASTELL HYWEL	CARTSHED RANGE	None

Table 4: Impacts on Listed Buildings

e) Non-statutory buildings of local importance

No non-statutory buildings of local importance included on a local list were identified as being affected by the proposed development.

f) Registered Parks & Gardens and their essential settings.

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

g) Registered Historic Landscapes

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

h) Non-registered Historic Landscapes

There are no identified non-registered Historic Landscapes within the revised study area.

i) LANDMAP and landscape characterisation information

The proposed turbine would stand in the extensive Talgarreg LANDMAP Historic Landscape Aspect Area (CRDGNHL076), which covers an agricultural landscape with an Outstanding overall evaluation. It has dispersed farmsteads and a few small nucleated settlements. The field patterns are described as Irregular. The proposed development would not impact on the essential character of the area.

j) Conservation Area

There are no Conservation Areas within the revised study area.

k) Tir Gofal interests or requirements

No Tir Gofal interests were identified.

l) 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.

m) Palaeoenvironmental potential

No palaeoenvironmental potential can be identified at the Hendre turbine site. It is situated in a pasture field which is well-drained.

n) Hedgerows and field patterns

The proposed development would be located in a pasture field, which seems to have become enclosed in its present form by the 19th century. The proposed development will not change the character of the field system or have any effect on any field boundary banks.

o) Ancient woodland

There are no Ancient and Semi-natural Woodlands within the revised appraisal area.

p) Place-names

There are no significant place-names in close association with the proposed development site. The Hendre placename is a modern appellation and does not have any historic associations.

q) Cumulative impact

A wind turbine of similar scale and type stands within 500 metres to the north of the proposed turbine site at Hendre. The wooded valley which runs to the east and west of Glandwr screens the view of the existing turbine from the south.

m) National Park

Hendre 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 the proposed wind turbine at Hendre.

10.2 No Scheduled Ancient Monument would be affected by the proposed turbine.

10.3 Of the six Listed Buildings in the appraisal area, only two would experience a Very Low, indirect, visual impact from the proposed turbine. These are a farmhouse and outbuilding at Gwaralltyryn, (ID numbers 20 & 22) 1.45km from the proposed turbine site. A Listed 19th century watermill building (ID number 19) in close proximity at Glandwr farm would not be affected by the proposed turbine due to the nature of the local topography and tree cover.

10.4 Two historic assets would experience a Very Low indirect, visual impact, based on the visibility of the turbine at distance. These are a damaged round barrow at Y Garn (ID number 3) , to the east and a disused quarry (ID number 14) to the west. The 1970s dwelling at Hendre (ID number 25) would experience a Low indirect, visual impact. The settings of these sites would not be compromised by the development.

10.5 On the basis of this appraisal no archaeological mitigation is thought necessary.

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, 1811, 2" to 1 mile Original Surveyors drawing, Lampeter Sheet

Ordnance Survey, 1834, 1" to 1 Mile

Ordnance Survey, 1889, 1:2500, 1st edition

Ordnance Survey, 1905, 1:2500 2nd edition

Ordnance Survey, 1978, 1:2500 scale

Llandysul parish tithe map and schedule, 1846

12.2 Web-based materials

English Heritage, 2011, *The Setting of Heritage Assets*

RCAHMW, Historic Wales Portal

12.3 Published sources

Cadw, 2011, *Conservation Principles for the sustainable management of the historic environment of Wales*,

Cadw & CCW, 2007, *Guide to the Good Practice on using the Register of Landscapes of Historic Interest in Wales in the planning and development process*.

Welsh Office, 1996, *Planning and the Historic Environment: Archaeology* Welsh Office Circular 60/96

12.4 Unpublished sources

Dyfed Archaeological Trust, Historic Environment Record

DAT HM, Undated, *Generic Brief for the preparation of an historic environment appraisal*

Trysor, 2013, *Specification for an Historic Environment Appraisal at Hendre, Llandysul, Ceredigion*.

Jenny Hall & Paul Sambrook
Trysor,
January 2013

Appendix A: Hendre Impacts

ID number: 1 YSGUBOR MOEDDIN TITHE BARN?
Is there a Direct Impact: No
Is there an Indirect Impact: No
Overall Impact: None

This record for a medieval tithe barn is based on speculation in a documentary source and no there is archaeological evidence to prove it existed. If such a barn did exist, its precise location and form is not known.

=====

ID number: 2 CASTELL HYWEL MOTTE
Is there a Direct Impact: No
Is there an Indirect Impact: No
Overall Impact: None

The proposed turbine would not be intervisible from this location as woodland and higher ground blocks the view north-northeastwards towards Hendre.

=====

ID number: 3 Y GARN ROUND BARROW
Is there a Direct Impact: No
Is there an Indirect Impact: Yes
Overall Impact: Very Low

Intervisibility
The turbine blades may just be visible from this location, c.750m to the west-southwest although a hedgerow and a light rise in the ground may block the view. The turbine would not affect the setting of the cairn, which may be damaged.

=====

ID number: 4 BRYN LLWYD ROUND BARROW
Is there a Direct Impact: No
Is there an Indirect Impact: No
Overall Impact: None

This round barrow is visible on a 1946 aerial photograph but has not been identified in the field and was determined to have been destroyed by the Dyfed Archaeological Trust in 2004.

=====

ID number: 5 CWM TRI-BEDDAU CEMETERY
Is there a Direct Impact: No
Is there an Indirect Impact: No
Overall Impact: None

No archaeological features have been recorded that can be associated with this "beddau" (graves) place name, although Y Garn round barrow (PRN 3984), just over 500m to the northeast may be relevant.

=====

ID number: 6 FFOS COTTAGE COTTAGE
Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

This cottage was derelict by the early 20th century and had been demolished and completely removed from the landscape by 20th century land improvements. The proposed turbine would therefore have no impact on the site.

=====

ID number: 7 CASTLE FARMHOUSE
HOWELL;CASTELL-HYWEL

Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

The proposed turbine, c.720m to the northeast, would not be visible from this location as mature trees on higher ground block the view in that direction.

=====

ID number: 8 CASTLE HOWELL SMITHY COTTAGE
COTTAGE

Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

The proposed turbine, 770m to the northeast, would not be visible from this location or have any impact on the setting of the cottage. The cottage faces south and high hedgerows block the view to the northeast.

=====

ID number: 9 CASTELL HYWEL FORTIFIED HOUSE

Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

The location and form of any medieval settlement at Castell Howell is not understood and no appraisal can be made of its significance or any impacts from the proposed development.

=====

ID number: 10 CAPEL-Y-FADFA CHAPEL

Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

A small conifer plantation immediately southeast of the chapel blocks the view towards Hendre, 1.3km away, and hedgerows and mature trees in the same direction further screen the view from Bwlch y Fadfa.

=====

ID number: 11 CWAR QUARRY
GWARALLTYFAERDRE

Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

Farm buildings and mature trees to the east of the quarry screen the view towards Hendre and the proposed turbine.

=====

ID number: 12 FRON-DÊS GRAVEL PIT

Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

A conifer plantation on the slopes to the northeast of this minor, early 20th century gravel pit would block any view towards the proposed turbine.

=====

ID number: 13 CASTELL HOWELL GRAVEL PIT

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 as a hedgerow and mature trees block the view northwards in the direction of Hendre.

=====

ID number: 14 CASTELL HOWELL QUARRY

Is there a Direct Impact: No

Is there an Indirect Impact: Yes

Overall Impact: Very Low

Intervisibility
The proposed turbine would be visible from this location but would have no impact on the setting of the old quarry, which as been landscaped and had modern sheep pens erected within its area.

=====

ID number: 15 FELIN CASTELL HOWELL CORN MILL

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 as trees and slopes block the view northeastwards towards Hendre.

=====

ID number: 16 YSGUBOR ESGAIR BARN

Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

The proposed turbine would not be intervisible from this location as higher ground blocks the view north-northeastwards towards Hendre.

=====

ID number: 17 YSGUBOR ESGAIR SAND PIT

Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

The proposed turbine would not be intervisible from this location as higher ground blocks the view north-northeastwards towards Hendre.

=====

ID number: 18 MEINIR-GWINION-MAWR QUARRY
QUARRY

Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

This disused late 19th century quarry is now overgrown and has trees growing around. The proposed turbine, 2km to the south-southwest, would not have any impact on this site.

=====

ID number: 19 WATERMILL AT WATER MILL
GLANDWR,MYDROILYN
ROAD,CASTELL HYWEL

Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

The proposed turbine would not be visible from this site as mature trees and hedgerows block the view to the southeast. The turbine would also not affect the setting of the building in its enclosed farmyard context.

=====

ID number: 20 GWARALLTYRYN,PONTSIA FARMHOUSE
N ROAD,CASTELL HYWEL

Is there a Direct Impact: No

Is there an Indirect Impact: Yes

Intervisibility

Overall Impact: Very Low

The top of the proposed turbine is likely to be visible, 1.45km to the northeast. The turbine would not impact on the setting of the building.

=====

ID number: 21 CARTSHED RANGE TO CARTSHED RANGE
LEFT OF GWARALLTYRYN,
PONTSIAN ROAD,CASTELL
HYWEL

Is there a Direct Impact: No

Is there an Indirect Impact: No

Overall Impact: None

The proposed turbine would not be visible from this building as the farmhouse blocks the view to the northeast towards Hendre.

=====

ID number: 22 OUTBUILDINGS OPPOSITE AGRICULTURAL BUILDING
GWARALLTYRYN,PONTSIA
N ROAD,CASTELL HYWEL

Is there a Direct Impact: No
Is there an Indirect Impact: Yes Intervisibility
Overall Impact: Very Low The top of the proposed turbine is likely to be visible, 1.45km to the northeast. The turbine would not impact on the setting of the building.

=====

ID number: 23 FELIN CASTELL HOWELL MILL RACE
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 as trees and slopes block the view northeastwards towards Hendre.

=====

ID number: 24 GLANDWR FARMSTEAD
Is there a Direct Impact: No
Is there an Indirect Impact: No
Overall Impact: None The proposed turbine would not be visible from the farmyard area as trees and adjacent buildings screen the view.

=====

ID number: 25 HENDRE DWELLING
Is there a Direct Impact: No
Is there an Indirect Impact: Yes Intervisibility
Overall Impact: Low This modern bungalow faces west, the turbine would be located 190 metres to the east, with mature trees screening the view in that direction.

=====

Appendix B: Written Descriptions Of Newly Recorded Archaeological Sites

ID number: 24 GLANDWR FARMSTEAD
HER PRN: NMR NPRN: 0
NGR: SN4457649027 Grid reference taken at centre of site
Broadclass: Agriculture and Subsistence
Period: Post Medieval
Form: Complex **Condition:** Converted
Site Status: **SAM number:** **LB number:** **grade:**
Description: Glandwr farm is shown on the Lampeter Sheet of the 1811 Ordnance Survey Original Surveyors Drawings as being located 500 metres to the west-southwest of its present location, on the eastern bank of the Clettwr Bach river. This undoubtedly explains its name (Glandwr = Waterside).

The 1834 1 inch to 1 mile scale Ordnance Survey map shows Glandwr in its present position. The layout of the farmyard at this time is not dissimilar to that seen at present, with building to the east and west sides of the yard and a third building (the dwelling now) between them. It is not know if the buildings shown in 1834 are the same buildings which now stand around the farmyard. The 1889 1:2500 Ordnance Survey map does however show the main buildings in more or less their present position, although the farmhouse seems to have been enlarged somewhat since that period.

Rarity: Common
Reference:
Documentation:
Group Value: Range of 19th century farmstead buildings, including a former mill and the farmhouse
Evidential Value: Standing building complex
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Locally Important

ID number: 25 HENDRE DWELLING
HER PRN: NMR NPRN: 0
NGR: SN4458948954 Grid reference taken at centre of site
Broadclass: Domestic
Period: Modern
Form: Building **Condition:** Intact
Site Status: **SAM number:** **LB number:** **grade:**
Description: Hendre is a modern bungalow built during the 1970s when neighbouring Glandwr farm was divided. The house continues to be occupied and has a smallholding attached.
Rarity: Common
Reference:
Documentation:
Group Value: None
Evidential Value: Standing building, occupied
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Locally Important

Appendix C:

Site Appraisals Within Study Area

ID number: 1 YSGUBOR MOEDDIN TITHE BARN?
HER PRN: 1864 **NMR NPRN:**
NGR: SN45595072 Grid reference taken at centre of site
Broadclass: Agriculture and Subsistence
Period: Medieval?
Form: Documents **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Rarity: Rare
Reference: Regional HER
Documentation:
Group Value: Unknown
Evidential Value: Documentary evidence, speculation that Ysgubor Moeddin was the location of a tithe barn on the medieval grange of Moyddin
Historical Value: Mentioned in historical sources as a possible tithe barn site
Aesthetic Value: None
Communal Value: None
Significance: Locally Important

ID number: 2 CASTELL HYWEL MOTTE
HER PRN: 3983 **NMR NPRN:**
NGR: SN4404047650 Grid reference taken at centre of site
Broadclass: Monument <By Form>;Defence
Period: Medieval
Form: Earthwork **Condition:** Damaged
Site Status: Scheduled Ancient Monument **SAM number:** CD084 **LB number:** **grade:**
Rarity: Not common
Reference: Regional HER
Documentation:
Group Value: None
Evidential Value: Denuded earthwork, overgrown in woodland
Historical Value: Mentioned in historical sources
Aesthetic Value: None
Communal Value: None
Significance: Nationally Important

ID number: 3 Y GARN ROUND BARROW
HER PRN: 3984 **NMR NPRN:**
NGR: SN45484916 Grid reference taken at centre of site
Broadclass: Religious Ritual and Funerary
Period: Bronze Age
Form: Earthwork **Condition:** Near Destroyed
Site Status: **SAM number:** **LB number:** **grade:**
Rarity: Not rare

Reference: Regional HER

Documentation:

Group Value: Unknown

Evidential Value: Shown on historical mapping as a Cairn (1889, 1905 & 1964). Later maps show the land had become a conifer plantation and the cairn may have been damaged as it no longer appears on OS maps.

Historical Value: None

Aesthetic Value: None

Communal Value: None

Significance: Regionally Important

ID number: 4 BRYN LLWYD ROUND BARROW

HER PRN: 3985 **NMR NPRN:**

NGR: SN45624805 Grid reference taken at centre of site

Broadclass: Religious Ritual and Funerary

Period: Bronze Age

Form: Earthwork **Condition:** Destroyed

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

Rarity: Not rare

Reference: Regional HER

Documentation:

Group Value: None

Evidential Value: On historic aerial photos, but no longer surviving

Historical Value: Shown on 1946 RAF aerial photographs

Aesthetic Value: None

Communal Value: None

Significance: Regionally Important

ID number: 5 CWM TRI-BEDDAU CEMETERY

HER PRN: 8078 **NMR NPRN:**

NGR: SN4520048500 Grid reference taken at centre of site

Broadclass: Religious Ritual and Funerary

Period: Unknown;Medieval?;Bronze Age?

Form: Place-name **Condition:** Not Known

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

Rarity: Not common

Reference:

Documentation:

Group Value: Unknown

Evidential Value: Place name only

Historical Value: None

Aesthetic Value: None

Communal Value: None

Significance: Unknown

ID number: 6 FFOS COTTAGE COTTAGE

HER PRN: 9197 **NMR NPRN:**

NGR: SN44805028 Grid reference taken at centre of site

Broadclass: Agriculture and Subsistence

Period: Post Medieval

Form: Building

Condition: Destroyed

Site Status:

SAM number:

LB number:

grade:

Rarity: Common

Reference: Regional HER

Documentation:

Group Value: None

Evidential Value: Historic mapping

Historical Value: None

Aesthetic Value: None

Communal Value: None

Significance: Locally Important

ID number: 7 CASTLE FARMHOUSE

HOWELL;CASTELL-HYWEL

HER PRN: 9891 **NMR NPRN:** 5267

NGR: SN44374830 Grid reference taken at centre of site

Broadclass: Domestic

Period: Post Medieval

Form: Building

Condition: Restored

Site Status: Listed Building

SAM number:

LB number: 10592

grade: II

Rarity: Common

Reference: Regional HER

Documentation:

Group Value: The dwelling at the historic farmstead of Castell Howell

Evidential Value: Standing building

Historical Value: Castell Howell was home to the famous 18th century preacher Dafydd Dafis and the 19th century Baptist preacher Christmas Evans worked on the farm as a shepherd

Aesthetic Value: None

Communal Value: None

Significance: Nationally Important

ID number: 8 CASTLE HOWELL SMITHY COTTAGE

COTTAGE

HER PRN: 10042 **NMR NPRN:** 5260

Hendre, Llandysul, Ceredigion, Historic Environment Appraisal

NGR: SN44154845 Grid reference taken at centre of site
Broadclass: Domestic
Period: Post Medieval
Form: Building **Condition:** Intact
Site Status: Listed Building **SAM number:** **LB number:** 10594
grade: II
Rarity: Common
Reference: Regional HER
Documentation:
Group Value: None
Evidential Value: Standing building, in use
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Nationally Important

ID number: 9 CASTELL HYWEL FORTIFIED HOUSE
HER PRN: 12392 **NMR NPRN:**
NGR: SN4433048290 Grid reference taken at centre of site
Broadclass: Domestic
Period: Medieval
Form: Documents **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Rarity: Not common
Reference: Regional HER
Documentation:
Group Value: None
Evidential Value: Documentary sources only
Historical Value: Shown on William Rees' "Map of South Wales and the Borders in the 14th century"
Aesthetic Value: None
Communal Value: None
Significance: Unknown

ID number: 10 CAPEL-Y-FADFA CHAPEL
HER PRN: 18262 **NMR NPRN:** 7281
NGR: SN4374949472 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:**
Rarity: Common
Reference: Regional HER
Documentation:

Group Value: One of the 13 Unitarian chapels of the "Smotyn Du" of south Ceredigion.
Evidential Value: Standing building, in use
Historical Value: None
Aesthetic Value: None
Communal Value: Place of worship
Significance: Regionally Important

ID number: 11 CWAR GWARALLTYFAERDRE QUARRY
HER PRN: 18265 **NMR NPRN:**
NGR: SN4375749114 Grid reference taken at centre of site
Broadclass: Industrial
Period: Post Medieval
Form: Earthwork **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Rarity: Common
Reference: Regional HER
Documentation:
Group Value: None
Evidential Value: Disused quarry
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 12 FRON-DÊS GRAVEL PIT
HER PRN: 18267 **NMR NPRN:**
NGR: SN4396648414 Grid reference taken at centre of site
Broadclass: Industrial
Period: Post Medieval
Form: Earthwork **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Rarity: Common
Reference: Regional HER
Documentation:
Group Value: None
Evidential Value: Historic mapping
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 13 CASTELL HOWELL GRAVEL PIT
HER PRN: 18268 **NMR NPRN:**
NGR: SN44644813 Grid reference taken at centre of site
Broadclass: Industrial
Period: Post Medieval
Form: Earthwork **Condition:** Near Intact
Site Status: **SAM number:** **LB number:** **grade:**
Rarity: Common
Reference: Regional HER
Documentation:
Group Value: None
Evidential Value: Disused quarry working
Historical Value: Shown on 1889 1:2500 OS map as a Sand Pit
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 14 CASTELL HOWELL QUARRY
HER PRN: 18269 **NMR NPRN:**
NGR: SN44984805 Grid reference taken at centre of site
Broadclass: Industrial
Period: Post Medieval
Form: Earthwork **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Rarity: Common
Reference: Regional HER
Documentation:
Group Value: None
Evidential Value: Disused quarry
Historical Value: Shown on 1889 1:2500 OS map as an Old Quarry
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 15 FELIN CASTELL HOWELL CORN MILL
HER PRN: 18272 **NMR NPRN:**
NGR: SN43974796 Grid reference taken at centre of site
Broadclass: Industrial
Period: Post Medieval
Form: Building **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Rarity: Not rare
Reference: Regional HER

Documentation:

Group Value: Associated with a mill race (PRN 102943)
Evidential Value: Ruined building
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Locally Important

ID number: 16 YSGUBOR ESGAIR BARN

HER PRN: 18273 **NMR NPRN:**

NGR: SN44024778 Grid reference taken at centre of site

Broadclass: Agriculture and Subsistence

Period: Post Medieval

Form: Building

Condition: Not Known

Site Status:

SAM number:

LB number:

grade:

Rarity: Not rare

Reference: Regional HER

Documentation:

Group Value: None

Evidential Value: Place name on Ordnance Survey maps

Historical Value: None

Aesthetic Value: None

Communal Value: None

Significance: Unknown

ID number: 17 YSGUBOR ESGAIR SAND PIT

HER PRN: 18274 **NMR NPRN:**

NGR: SN44044774 Grid reference taken at centre of site

Broadclass: Industrial

Period: Post Medieval

Form: Earthwork

Condition: Not Known

Site Status:

SAM number:

LB number:

grade:

Rarity: Common

Reference: Regional HER

Documentation:

Group Value: None

Evidential Value: Disused quarry working

Historical Value: None

Aesthetic Value: None

Communal Value: None

Significance: Minor Importance

ID number: 18 MEINIR-GWINION-MAWR QUARRY
 QUARRY
HER PRN: 18309 **NMR NPRN:**
NGR: SN4520750846 Grid reference taken at centre of site
Broadclass: Industrial
Period: Post Medieval
Form: Earthwork **Condition:** Not Known
Site Status: **SAM number:** **LB number:** **grade:**
Rarity: Common
Reference: Regional HER
Documentation:
Group Value: None
Evidential Value: Disused quarry, now overgrown
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Minor Importance

ID number: 19 WATERMILL AT WATER MILL
 GLANDWR,MYDROILYN
 ROAD,CASTELL HYWEL
HER PRN: 57441 **NMR NPRN:**
NGR: SN4459249036 Grid reference taken at centre of site
Broadclass: Agriculture and Subsistence
Period: Post Medieval
Form: Building **Condition:** Near Intact
Site Status: Listed Building **SAM number:** **LB number:** 10593
grade: II
Rarity: Common
Reference: Regional HER
Documentation:
Group Value: Part of a range of farmyard buildings.
Evidential Value: Standing building, disused waterwheel in place but internal machinery removed
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Nationally Important

ID number: 20 GWARALLTYRYN,PONTSIAN FARMHOUSE
 ROAD,CASTELL HYWEL
HER PRN: 57443 **NMR NPRN:**
NGR: SN4382247803 Grid reference taken at centre of site
Broadclass: Domestic
Period: Post Medieval

Form: Building **Condition:** Intact
Site Status: Listed Building **SAM number:** **LB number:** 10595
grade: II
Rarity: Common
Reference:
Documentation:
Group Value: Part of farmstead building complex at Gwaralltyryn
Evidential Value: Standing building
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Nationally Important

ID number: 21 CARTSHED RANGE TO LEFT OF CARTSHED RANGE
 GWARALLTYRYN, PONTSIAN
 ROAD, CASTELL HYWEL

HER PRN: 57444 **NMR NPRN:**

NGR: SN4380247800 Grid reference taken at centre of site

Broadclass: Agriculture and Subsistence

Period: Post Medieval

Form: Building **Condition:** Intact
Site Status: Listed Building **SAM number:** **LB number:** 10596
grade: II
Rarity: Not rare

Reference:

Documentation:

Group Value: Part of farmstead building complex at Gwaralltyryn

Evidential Value: Standing building

Historical Value: None

Aesthetic Value: None

Communal Value: None

Significance: Nationally Important

ID number: 22 OUTBUILDINGS OPPOSITE AGRICULTURAL
 GWARALLTYRYN, PONTSIAN BUILDING
 ROAD, CASTELL HYWEL

HER PRN: 57445 **NMR NPRN:**

NGR: SN4381047781 Grid reference taken at centre of site

Broadclass: Agriculture and Subsistence

Period: Post Medieval

Form: Building **Condition:** Intact
Site Status: Listed Building **SAM number:** **LB number:** 10597
grade: II
Rarity: Not rare

Reference:

Documentation:

Group Value: Part of farmstead building complex at Gwaralltyryn
Evidential Value: Standing building
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Nationally Important

ID number: 23 FELIN CASTELL HOWELL MILL RACE

HER PRN: 102943 **NMR NPRN:**

NGR: SN43984804 Grid reference taken at point along linear site

Broadclass: Water Supply and Drainage

Period: Post Medieval

Form: Earthwork

Condition: Near Intact

Site Status:

SAM number: **LB number:** **grade:**

Rarity: Not rare

Reference: Regional HER

Documentation:

Group Value: Associated with Felin Castell Howell (PRN 18272)

Evidential Value: Denuded earthwork

Historical Value: None

Aesthetic Value: None

Communal Value: None

Significance: Locally Important

ID number: 24 GLANDWR FARMSTEAD

HER PRN: **NMR NPRN:** 0

NGR: SN4457649027 Grid reference taken at centre of site

Broadclass: Agriculture and Subsistence

Period: Post Medieval

Form: Complex

Condition: Converted

Site Status:

SAM number: **LB number:** **grade:**

Rarity: Common

Reference:

Documentation:

Group Value: Range of 19th century farmstead buildings, including a former mill and the farmhouse

Evidential Value: Standing building complex

Historical Value: None

Aesthetic Value: None

Communal Value: None

Significance: Locally Important

ID number: 25 HENDRE DWELLING
HER PRN: NMR NPRN: 0
NGR: SN4458948954 Grid reference taken at centre of site
Broadclass: Domestic
Period: Modern
Form: Building **Condition:** Intact
Site Status: **SAM number:** **LB number:** **grade:**
Rarity: Common
Reference:
Documentation:
Group Value: None
Evidential Value: Standing building, occupied
Historical Value: None
Aesthetic Value: None
Communal Value: None
Significance: Locally Important