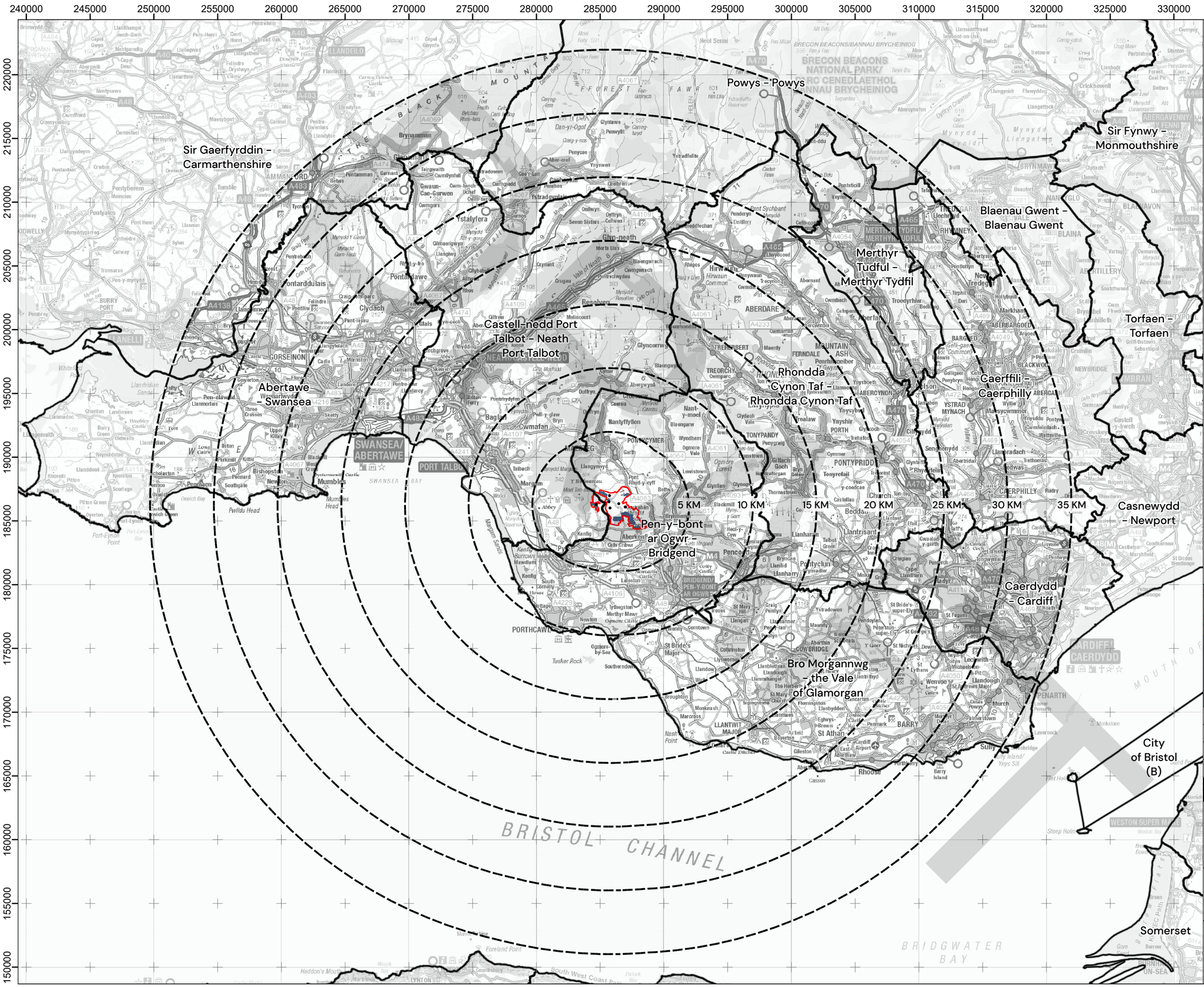


Legend:

- Site Boundary
- Proposed Turbines
- 35km Study Area
- Local Authority Boundary
- Proposed Solar Development

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



Rev	Date	Description	Drn	Chk	App
00	24/03/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

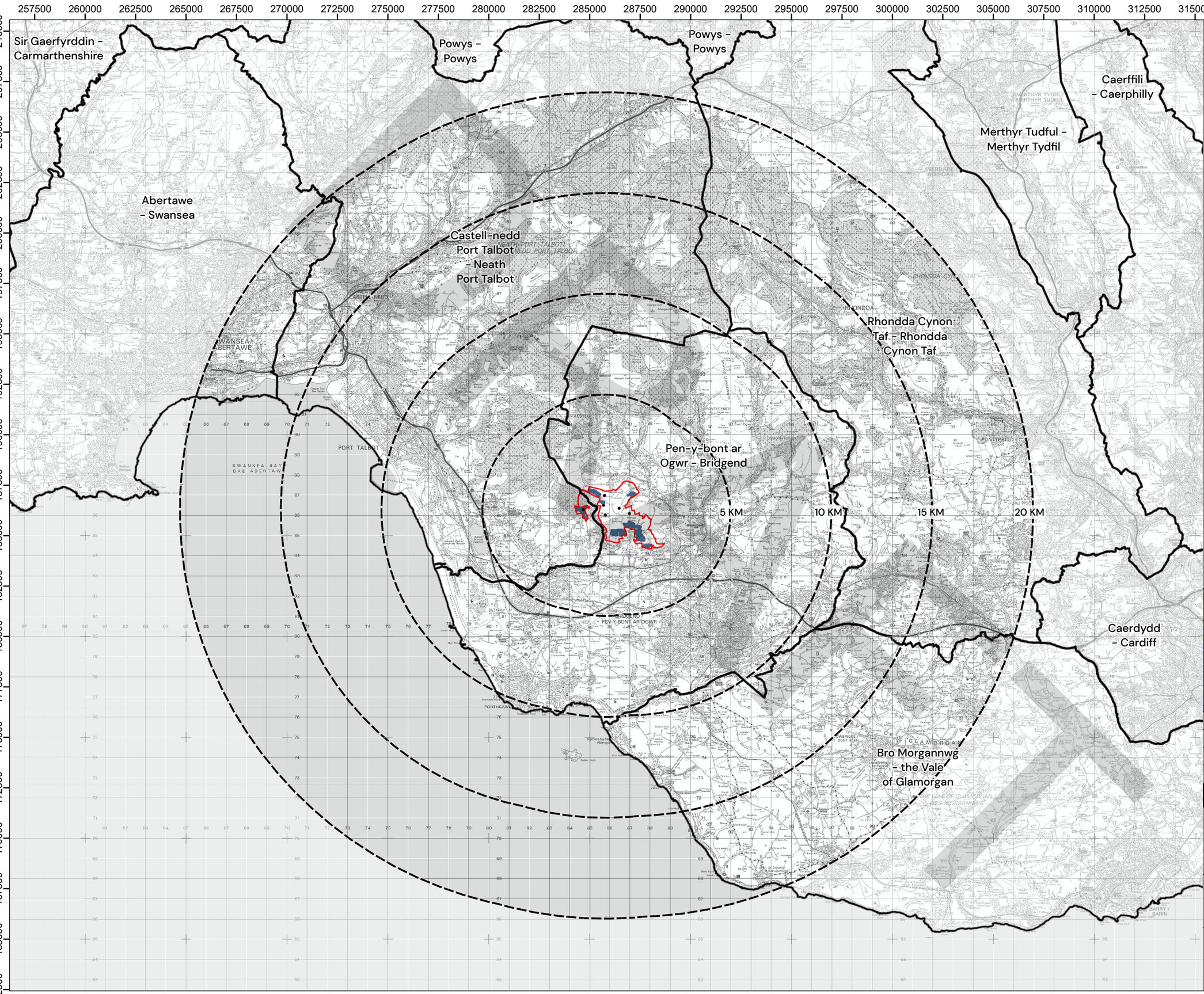
Figure 8.1: Site Location and Initial LVIA Study Area 35 km

0 5 10
Kilometres
SCALE: 1:275,000 @ A3

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Legend:

- Site Boundary
- Proposed Turbines
- 20km Study Area
- Local Authority Boundary
- Proposed Solar Development

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



Rev	Date	Description	Drn	Chk	App
00	24/03/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

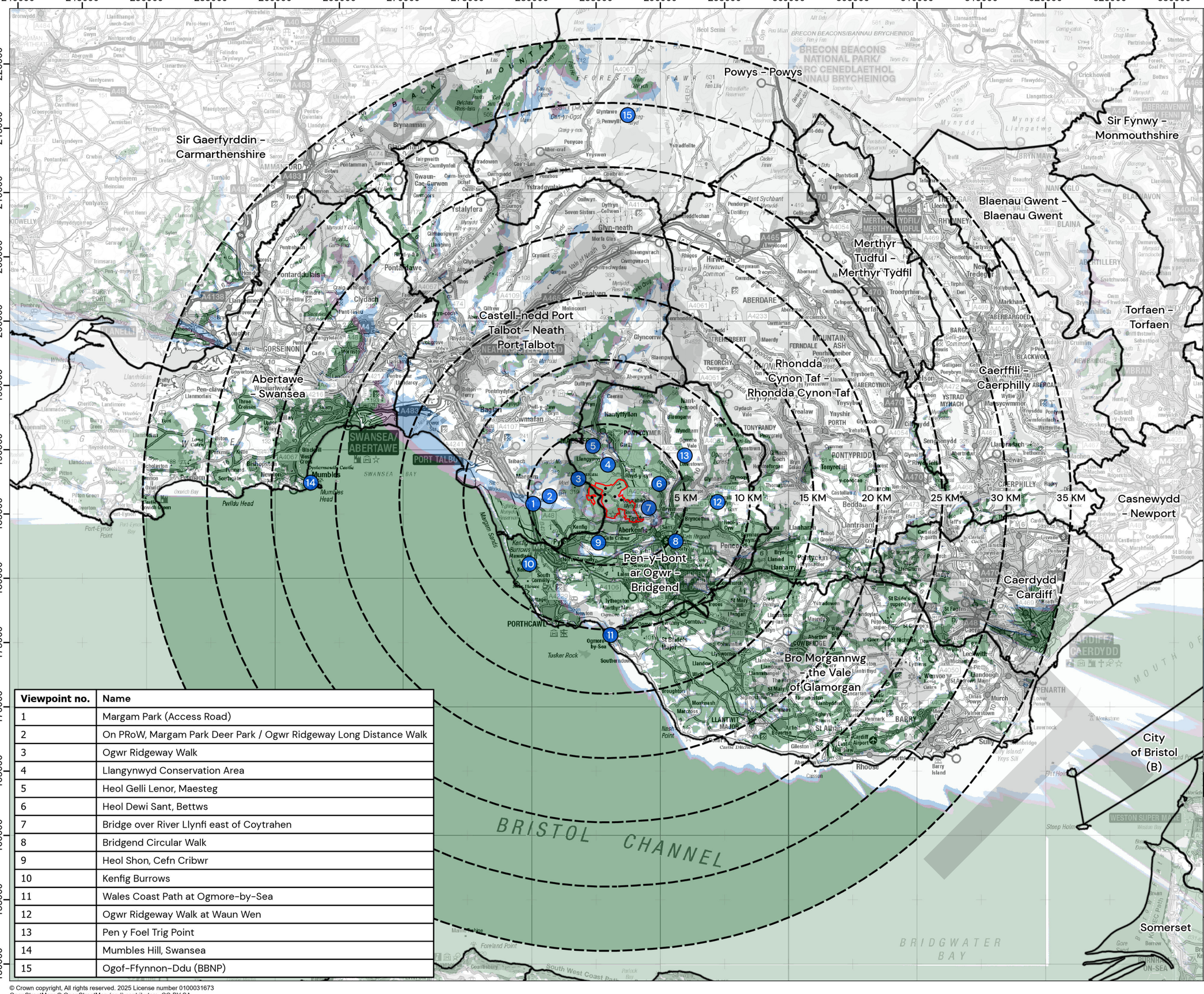
Figure 8.2: Site Location and Detailed LVIA Study Area 20 km

0 5
Kilometres
SCALE: 1:175,000 @ A3

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Viewpoint no.	Name
1	Margam Park (Access Road)
2	On PRoW, Margam Park Deer Park / Ogwr Ridgeway Long Distance Walk
3	Ogwr Ridgeway Walk
4	Llangynwyd Conservation Area
5	Heol Gelli Lenor, Maesteg
6	Heol Dewi Sant, Bettws
7	Bridge over River Llynfi east of Coytrahen
8	Bridgend Circular Walk
9	Heol Shon, Cefn Cribwr
10	Kenfig Burrows
11	Wales Coast Path at Ogmore-by-Sea
12	Ogwr Ridgeway Walk at Waun Wen
13	Pen y Foel Trig Point
14	Mumbles Hill, Swansea
15	Ogof-Ffynnon-Ddu (BBNP)

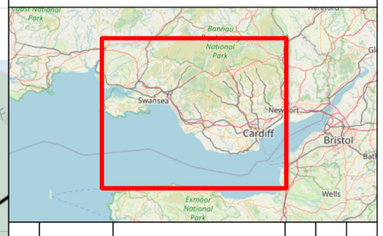
Legend:

- Site Boundary
- Proposed Turbines
- 35km Study Area
- Local Authority Boundary
- LVIA Viewpoint

Zone of Theoretical Visibility - Blade Tip (200m)

- 1-2 Turbines Visible
- 3-4 Turbines Visible
- 5-6 Turbines Visible

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

Figure 8.3: Blade Tip ZTV to 35 km with Viewpoints

0 5 10
Kilometres
SCALE: 1:275,000 @ A3

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Sir Gaerfyrddin - Carmarthenshire

Powys - Powys

Powys - Powys

Caerffili - Caerphilly

Merthyr Tudful - Merthyr Tydfil

Abertawe - Swansea

Castell-nedd Port Talbot - Neath Port Talbot

Rhondda Cynon Taf - Rhondda Cynon Taf

Pen-y-bont ar Ogwr - Bridgend

Caerdydd - Cardiff

Bro Morgannwg - the Vale of Glamorgan

Viewpoint no.	Name
1	Margam Park (Access Road)
2	On PRoW, Margam Park Deer Park / Ogwr Ridgeway Long Distance Walk
3	Ogwr Ridgeway Walk
4	Llangynwyd Conservation Area
5	Heol Gelli Lenor, Maesteg
6	Heol Dewi Sant, Bettws
7	Bridge over River Llynfi east of Coytrahen
8	Bridgend Circular Walk
9	Heol Shon, Cefn Cribwr
10	Kenfig Burrows
11	Wales Coast Path at Ogmore-by-Sea
12	Ogwr Ridgeway Walk at Waun Wen
13	Pen y Foel Trig Point
14	Mumbles Hill, Swansea
15	Ogof-Ffynnon-Ddu (BBNP)

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Legend:

- Site Boundary
- Proposed Turbines
- 20km Study Area
- Local Authority Boundary
- Proposed Solar Development
- LVIA Viewpoint

Zone of Theoretical Visibility - Blade Tip (200m)

- 1-2 Turbines Visible
- 3-4 Turbines Visible
- 5-6 Turbines Visible

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter

Rev	Date	Description	Drn	Chk	App
00	24/03/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

Figure 8.4: Blade Tip ZTV to 20 km with Viewpoints

0 5
Kilometres
SCALE: 1:175,000 @ A3

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240000 245000 250000 255000 260000 265000 270000 275000 280000 285000 290000 295000 300000 305000 310000 315000 320000 325000 330000

220000 215000 210000 205000 200000 195000 190000 185000 180000 175000 170000 165000 160000 155000 150000

Sir Gaerfyrddin - Carmarthenshire

Powys - Powys

Sir Fynwy - Monmouthshire

Blaenau Gwent - Blaenau Gwent

Merthyr Tudful - Merthyr Tydfil

Torfaen - Torfaen

Caerffili - Caerphilly

Rhondda Cynon Taf - Rhondda Cynon Taf

Abertawe - Swansea

Castell-nedd Port Talbot - Neath Port Talbot

Pen-y-bont ar Ogwr - Bridgend

Bro Morgannwg - the Vale of Glamorgan

Casnewydd - Newport

Caerdydd - Cardiff

City of Bristol (B)

Somerset

5 KM 10 KM 15 KM 20 KM 25 KM 30 KM 35 KM

BRISTOL CHANNEL

Viewpoint no.	Name
1	Margam Park (Access Road)
2	On PRoW, Margam Park Deer Park / Ogwr Ridgeway Long Distance Walk
3	Ogwr Ridgeway Walk
4	Llangynwyd Conservation Area
5	Heol Gelli Lenor, Maesteg
6	Heol Dewi Sant, Bettws
7	Bridge over River Llynfi east of Coytrahen
8	Bridgend Circular Walk
9	Heol Shon, Cefn Cribwr
10	Kenfig Burrows
11	Wales Coast Path at Ogmore-by-Sea
12	Ogwr Ridgeway Walk at Waun Wen
13	Pen y Foel Trig Point
14	Mumbles Hill, Swansea
15	Ogof-Ffynnon-Ddu (BBNP)

Legend:

- Site Boundary
- Proposed Turbines
- 35km Study Area
- Local Authority Boundary
- LVIA Viewpoint

Zone of Theoretical Visibility - Hub Height (118.5m)

- 1-2 Turbines Visible
- 3-4 Turbines Visible
- 5-6 Turbines Visible

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter

Rev	Date	Description	Drn	Chk	App
00	17/04/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

Figure 8.5: Hub Height ZTV to 35 km with Viewpoints

0 5 10
Kilometres
SCALE: 1:275,000 @ A3

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Viewpoint no.	Name
1	Margam Park (Access Road)
2	On PRoW, Margam Park Deer Park / Ogwr Ridgeway Long Distance Walk
3	Ogwr Ridgeway Walk
4	Llangynwyd Conservation Area
5	Heol Gelli Lenor, Maesteg
6	Heol Dewi Sant, Bettws
7	Bridge over River Llynfi east of Coytrahen
8	Bridgend Circular Walk
9	Heol Shon, Cefn Cribwr
10	Kenfig Burrows
11	Wales Coast Path at Ogmore-by-Sea
12	Ogwr Ridgeway Walk at Waun Wen
13	Pen y Foel Trig Point
14	Mumbles Hill, Swansea
15	Ogof-Ffynnon-Ddu (BBNP)

Legend:

- Site Boundary
- Proposed Turbines
- 20km Study Area
- Local Authority Boundary
- Proposed Solar Development
- LVIA Viewpoint

Zone of Theoretical Visibility - Hub Height (118.5m)

- 1-2 Turbines Visible
- 3-4 Turbines Visible
- 5-6 Turbines Visible

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter

Rev	Date	Description	Drn	Chk	App
00	17/04/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

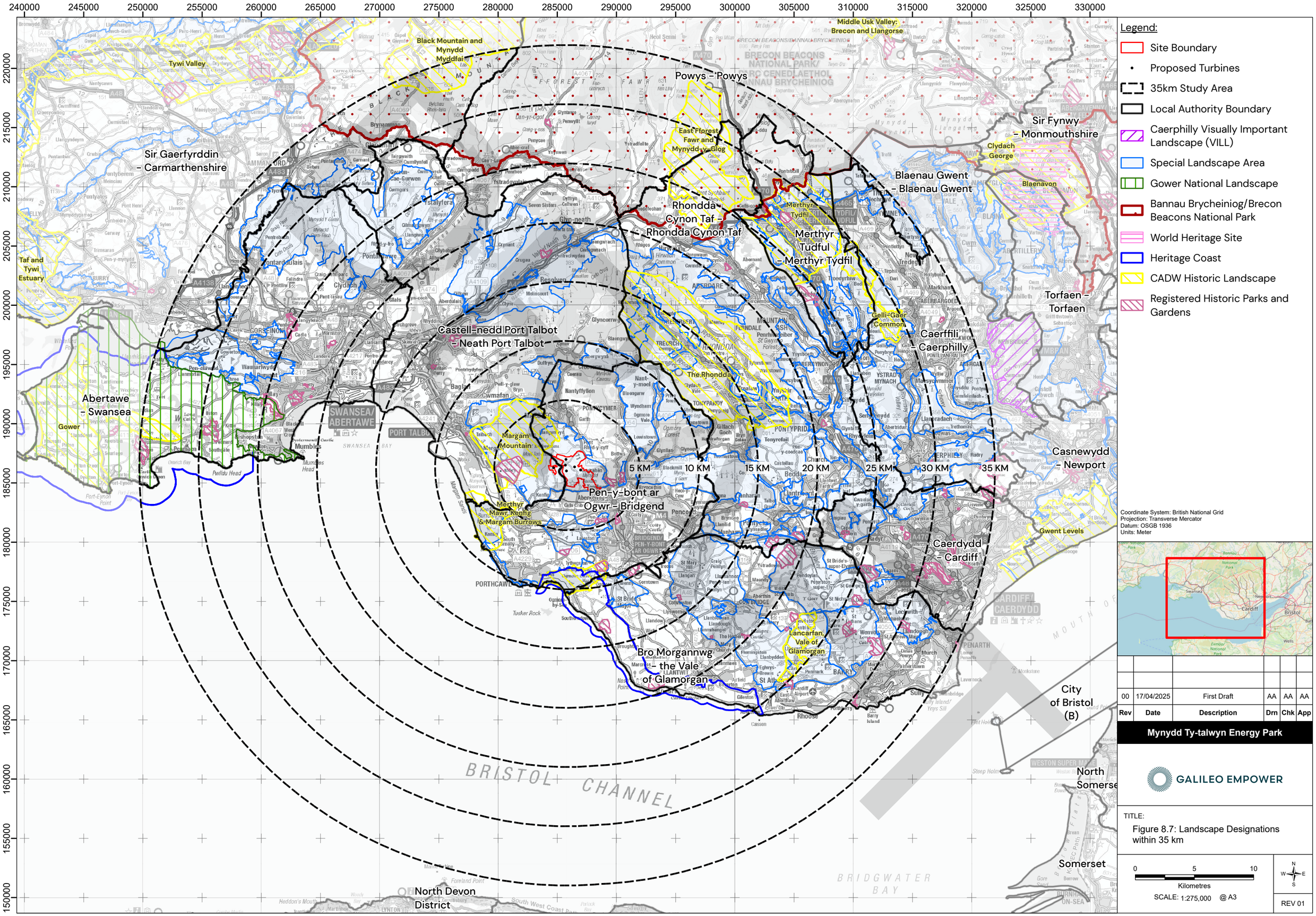
Figure 8.6: Hub Height ZTV to 20 km with Viewpoints

0 5
Kilometres
SCALE: 1:175,000 @ A3

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Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter

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00	17/04/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

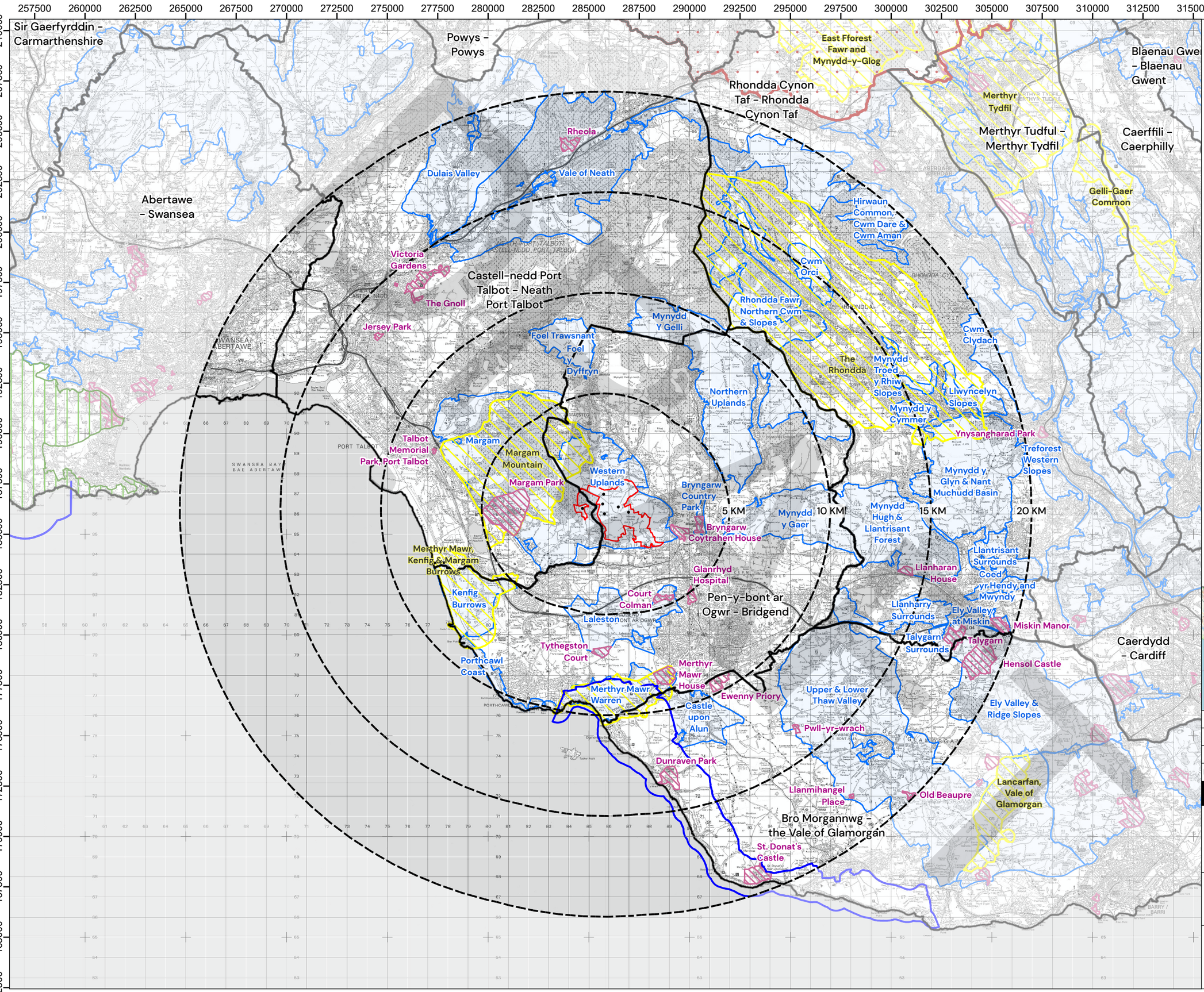
Figure 8.7: Landscape Designations within 35 km

0 5 10
Kilometres
SCALE: 1:275,000 @ A3

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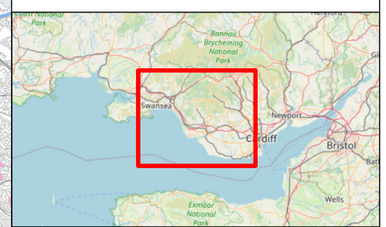
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Legend:

- Site Boundary
- Proposed Turbines
- 20km Study Area
- Local Authority Boundary
- Gower National Landscape
- Bannau Brycheiniog/Brecon Beacons National Park
- Heritage Coast
- Registered Historic Parks and Gardens
- CADW Historic Landscape
- Special Landscape Area
- Registered Historic Parks and Gardens

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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00	17/04/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

Figure 8.8: Landscape Designations within 20 km

0 5
Kilometres
SCALE: 1:175,000 @ A3

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Viewpoint no.	Name
1	Margam Park (Access Road)
2	On PRoW, Margam Park Deer Park / Ogwr Ridgeway Long Distance Walk
3	Ogwr Ridgeway Walk
4	Llangynwyd Conservation Area
5	Heol Gelli Lenor, Maesteg
6	Heol Dewi Sant, Bettws
7	Bridge over River Llynfi east of Coytrahen
8	Bridgend Circular Walk
9	Heol Shon, Cefn Cribwr
10	Kenfig Burrows
11	Wales Coast Path at Ogmore-by-Sea
12	Ogwr Ridgeway Walk at Waun Wen
13	Pen y Foel Trig Point
14	Mumbles Hill, Swansea
15	Ogof-Ffynnon-Ddu (BBNP)

Legend:

- Site Boundary
- Proposed Turbines
- 20km Study Area
- Local Authority Boundary
- Gower National Landscape
- Bannau Brycheiniog/Brecon Beacons National Park
- Heritage Coast
- Registered Historic Parks and Gardens
- CADW Historic Landscape
- Special Landscape Area
- Registered Historic Parks and Gardens
- LVIA Viewpoint

Zone of Theoretical Visibility - Blade Tip (200m)

- 1-2 Turbines Visible
- 3-4 Turbines Visible
- 5-6 Turbines Visible

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter

Rev	Date	Description	Drn	Chk	App
00	17/04/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

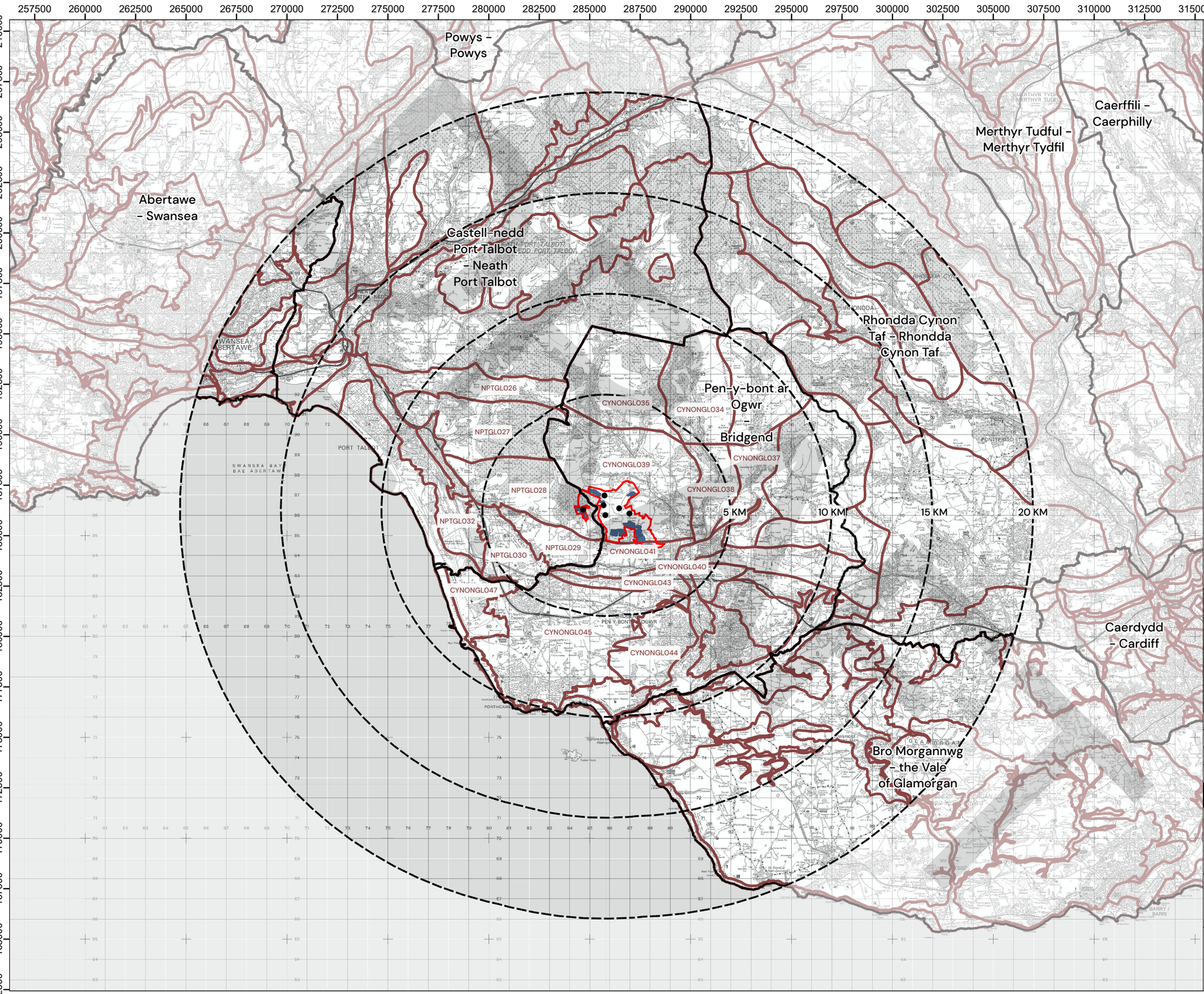
Figure 8.9: Landscape Designations within 20 km with Blade Tip ZTV with Viewpoints

0 5
Kilometres
SCALE: 1:175,000 @ A3

N W E S

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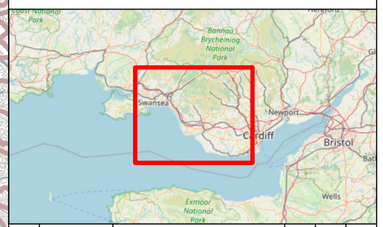
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Legend:

- Site Boundary
- Proposed Turbines
- 20km Study Area
- Local Authority Boundary
- Proposed Solar Development
- LANDMAP (Geological Landscape)

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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00	17/04/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

Figure 8.10a: LANDMAP Geological Landscape Classification

0 5
Kilometres
SCALE: 1:175,000 @ A3

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278000 279000 280000 281000 282000 283000 284000 285000 286000 287000 288000 289000 290000 291000 292000 293000 294000

193000 192000 191000 190000 189000 188000 187000 186000 185000 184000 183000 182000 181000 180000

NPTGLO23 NPTGLO26 NPTGLO27 NPTGLO31 NPTGLO28 NPTGLO32 NPTGLO29 NPTGLO30 NPTGLO33

CYNONGLO35 CYNONGLO34 CYNONGLO33 CYNONGLO37 CYNONGLO39 CYNONGLO36 CYNONGLO38 CYNONGLO42 CYNONGLO41 CYNONGLO40 CYNONGLO43 CYNONGLO50 CYNONGLO48 CYNONGLO45 CYNONGLO44 CYNONGLO52 CYNONGLO47

MAESTEG

Pen-y-bont ar Ogwr - Bridgend

Castell-nedd Port Talbot - Neath Port Talbot

BRIDGEND / PEN-Y-BONT AR OGWR

5 KM

Legend:

- Site Boundary
- Proposed Turbines
- 5km Study Area
- Local Authority Boundary
- Proposed Solar Development
- LANDMAP (Geological Landscape)

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter

Rev	Date	Description	Drn	Chk	App
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Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

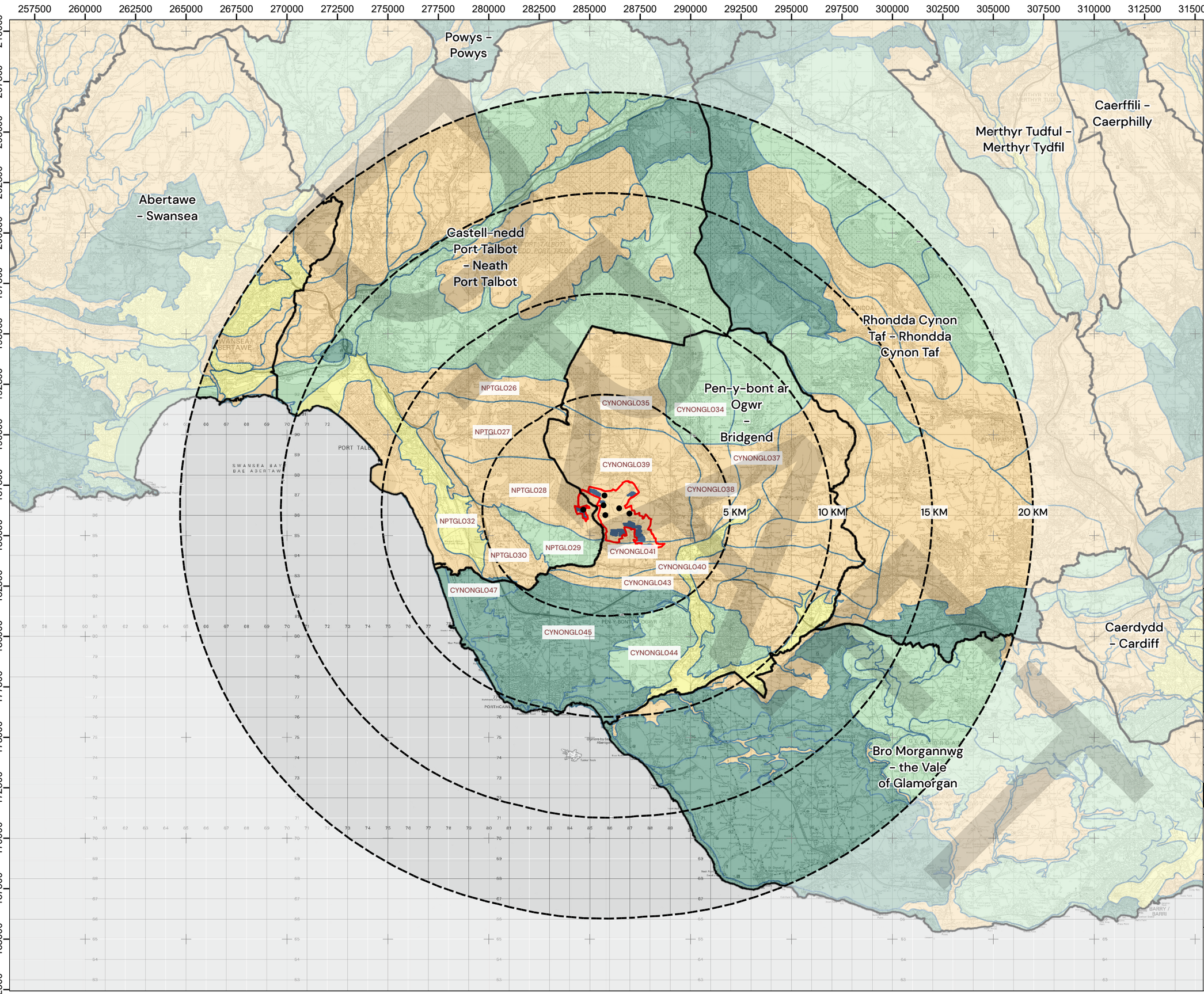
Figure 8.10b: LANDMAP Geological Landscape Classification

0 1 2 Kilometres

SCALE: 1:50,000 @ A3

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Legend:

- Site Boundary
- Proposed Turbines
- 20km Study Area
- Local Authority Boundary
- Proposed Solar Development

LANDMAP (Geological Landscape) - Overall Evaluation

- Outstanding
- High
- Moderate
- Low

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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00	17/04/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

Figure 8.11a: LANDMAP Geological Landscape Overall Evaluation

0 5
Kilometres

SCALE: 1:175,000 @ A3

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278000 279000 280000 281000 282000 283000 284000 285000 286000 287000 288000 289000 290000 291000 292000 293000 294000

193000 192000 191000 190000 189000 188000 187000 186000 185000 184000 183000 182000 181000 180000

NPTGLO23
NPTGLO26
NPTGLO27
NPTGLO31
NPTGLO28
NPTGLO32
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NPTGLO30
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CYNONGLO38
CYNONGLO41
CYNONGLO42
CYNONGLO40
CYNONGLO43
CYNONGLO50
CYNONGLO48
CYNONGLO45
CYNONGLO44
CYNONGLO52
CYNONGLO47

Pen-y-bont ar Ogwr - Bridgend

Castell-nedd Port Talbot - Neath Port Talbot

5 KM

MAESTEG
BRIDGEND / PEN-Y-BONT AR OGWR

Legend:

- Site Boundary
- Proposed Turbines
- 5km Study Area
- Local Authority Boundary
- Proposed Solar Development

LANDMAP (Geological Landscape) - Overall Evaluation

- Outstanding
- High
- Moderate
- Low

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter

Rev	Date	Description	Drn	Chk	App
00	17/04/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

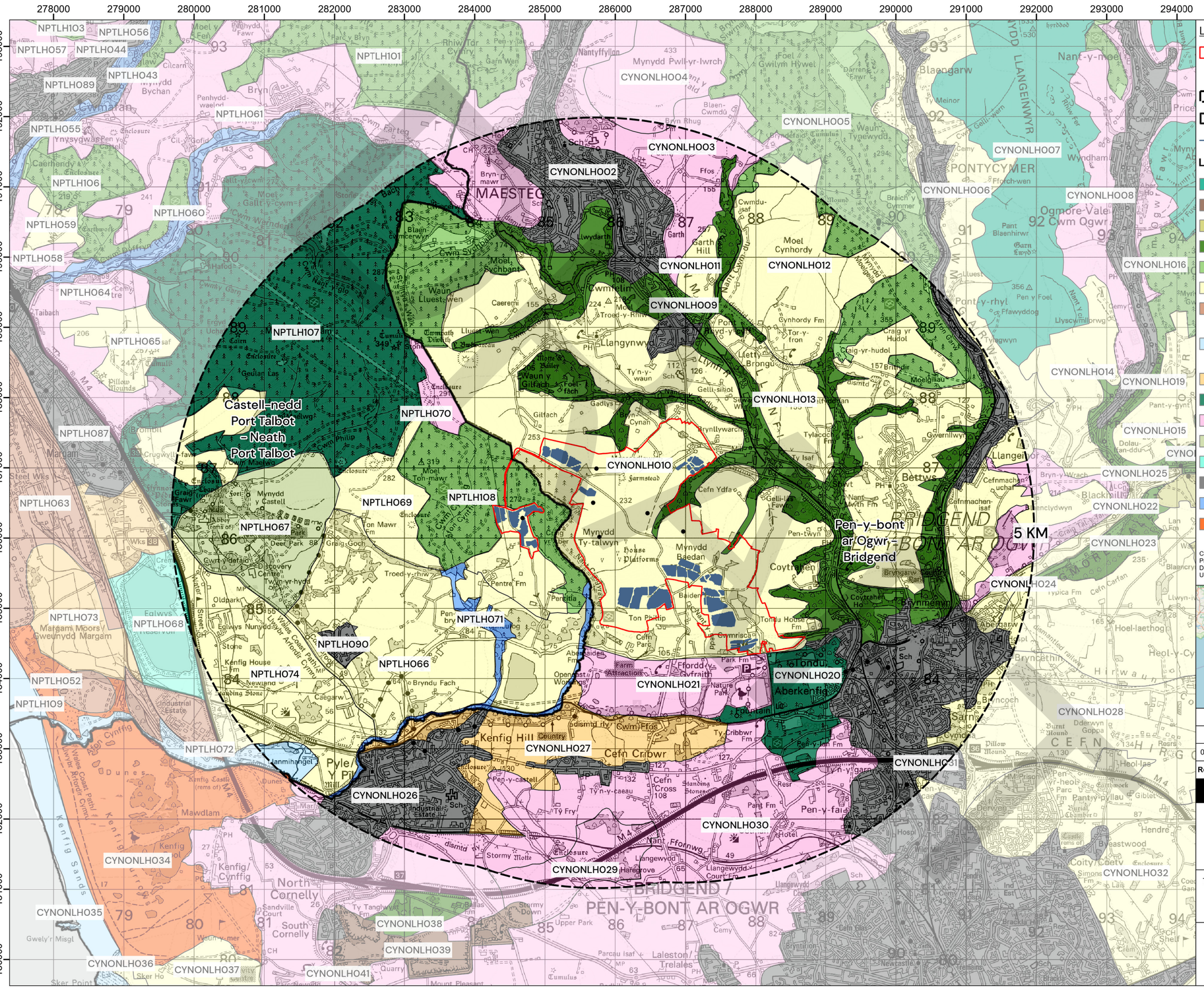
Figure 8.11b: LANDMAP Geological Landscape Overall Evaluation

0 1 2
Kilometres
SCALE: 1:50,000 @ A3

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Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

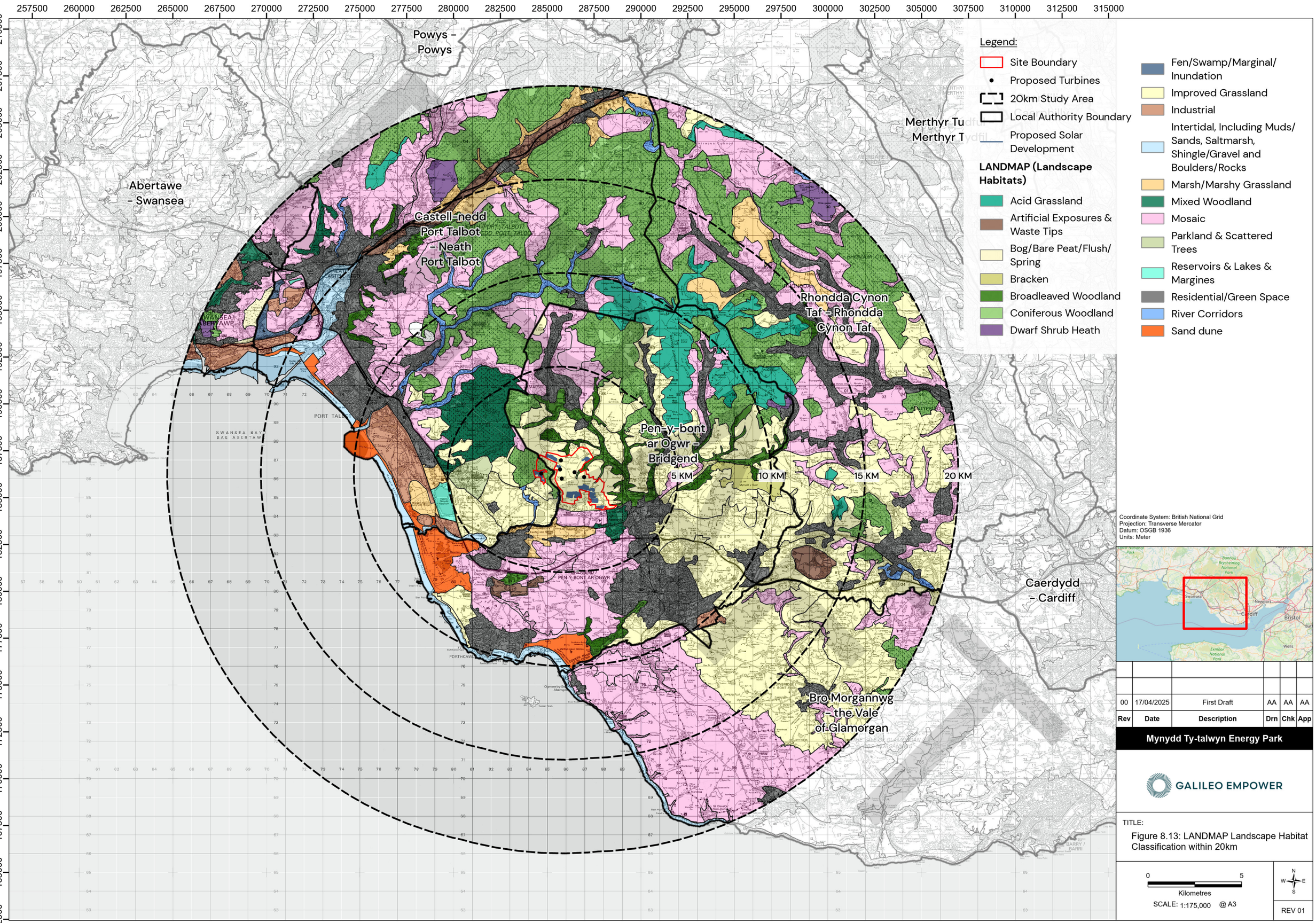
TITLE:

Figure 8.12: LANDMAP Landscape Habitat Classification within 5km

0 1 2
Kilometres
SCALE: 1:50,000 @ A3

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Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

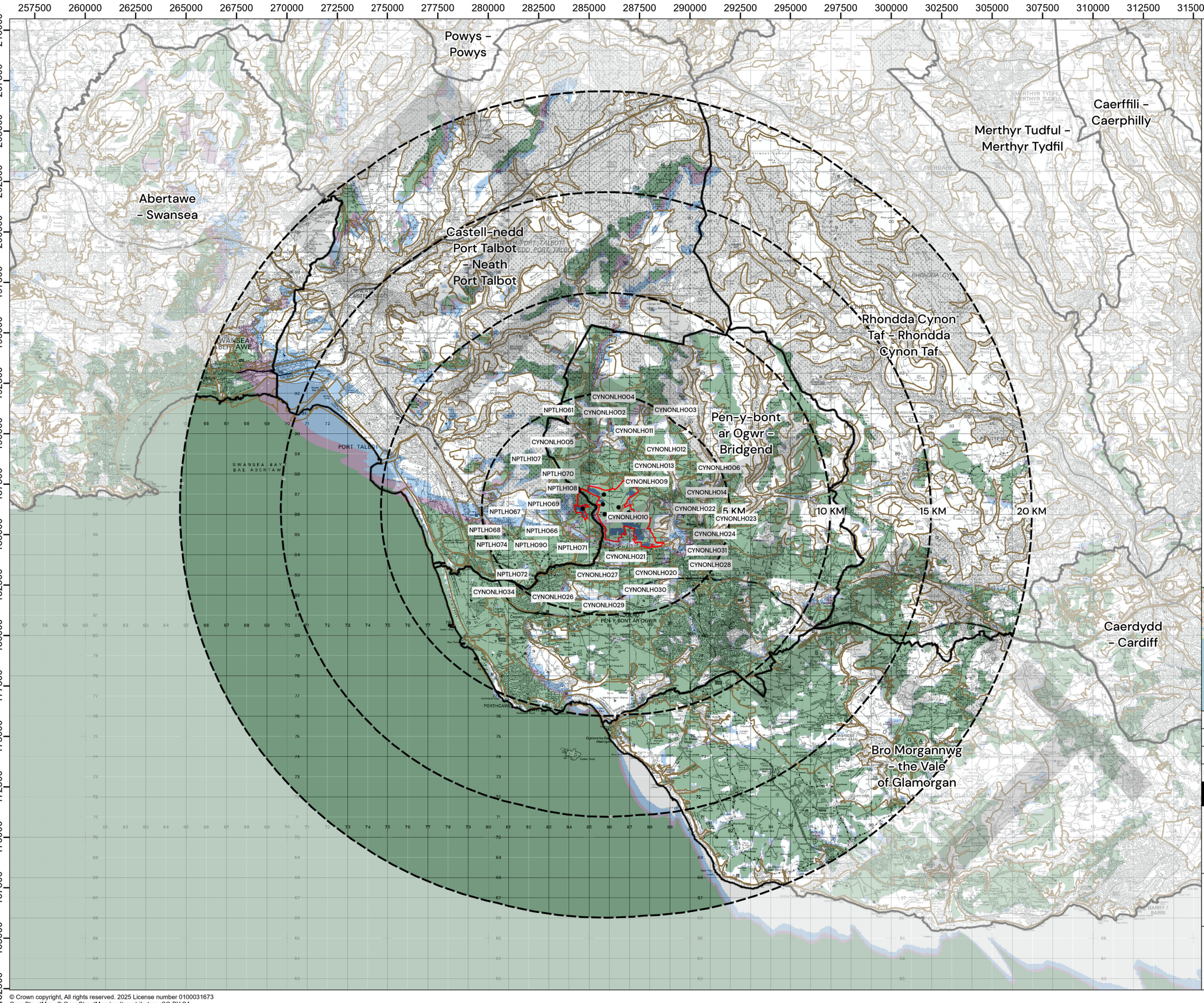
Figure 8.13: LANDMAP Landscape Habitat Classification within 20km

0 5
Kilometres
SCALE: 1:175,000 @ A3

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Legend:

- Site Boundary
- Proposed Turbines
- 20km Study Area
- Local Authority Boundary
- Proposed Solar Development
- LANDMAP (Landscape Habitats)

Zone of Theoretical Visibility - Blade Tip (200m)

- 1-2 Turbines Visible
- 3-4 Turbines Visible
- 5-6 Turbines Visible

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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00	17/04/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

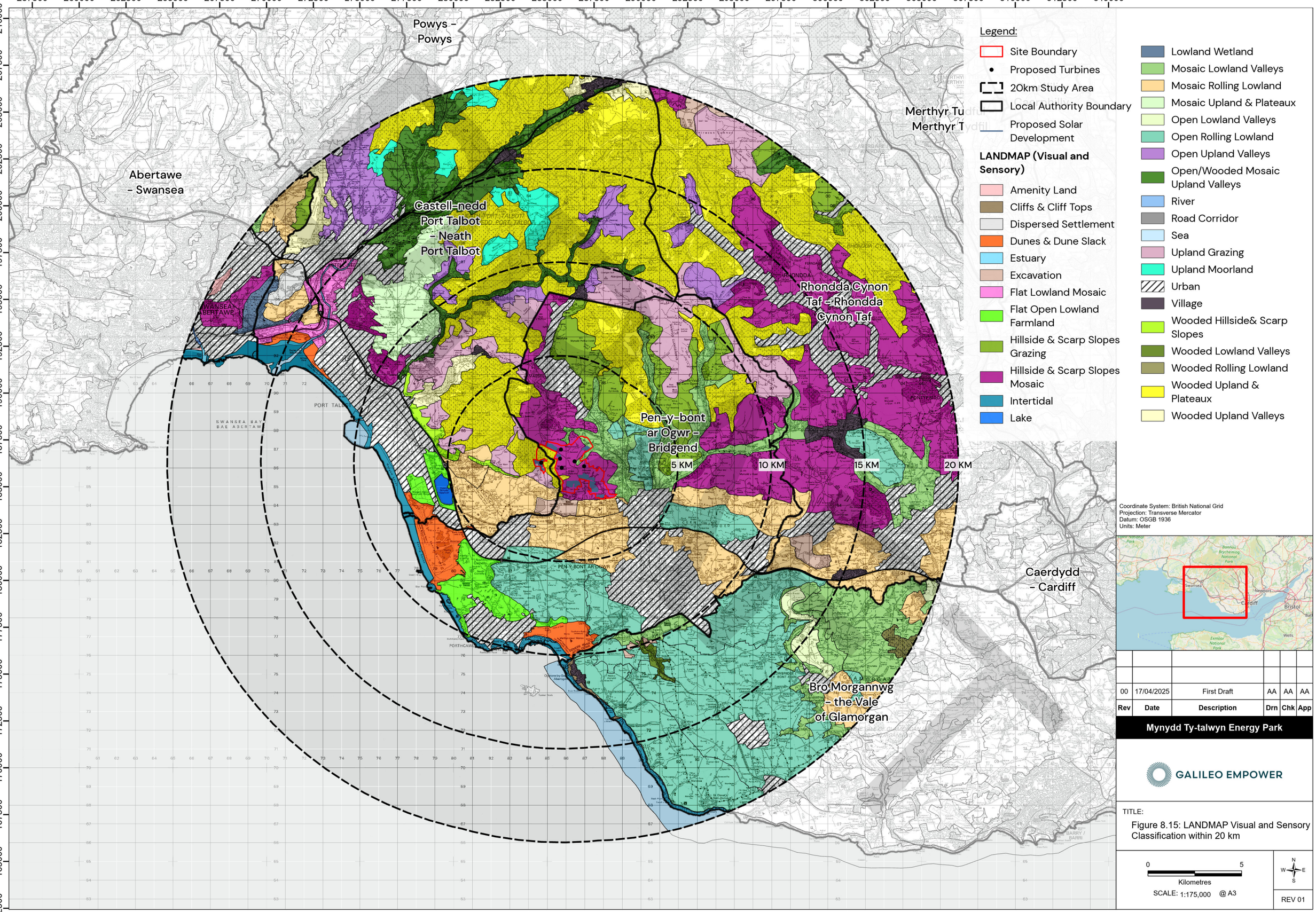
Figure 8.14: LANDMAP Landscape Habitat Evaluation with Blade Tip ZTV

0 5
Kilometres
SCALE: 1:175,000 @ A3

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Datum: OSGB 1936
Units: Meter

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00	17/04/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

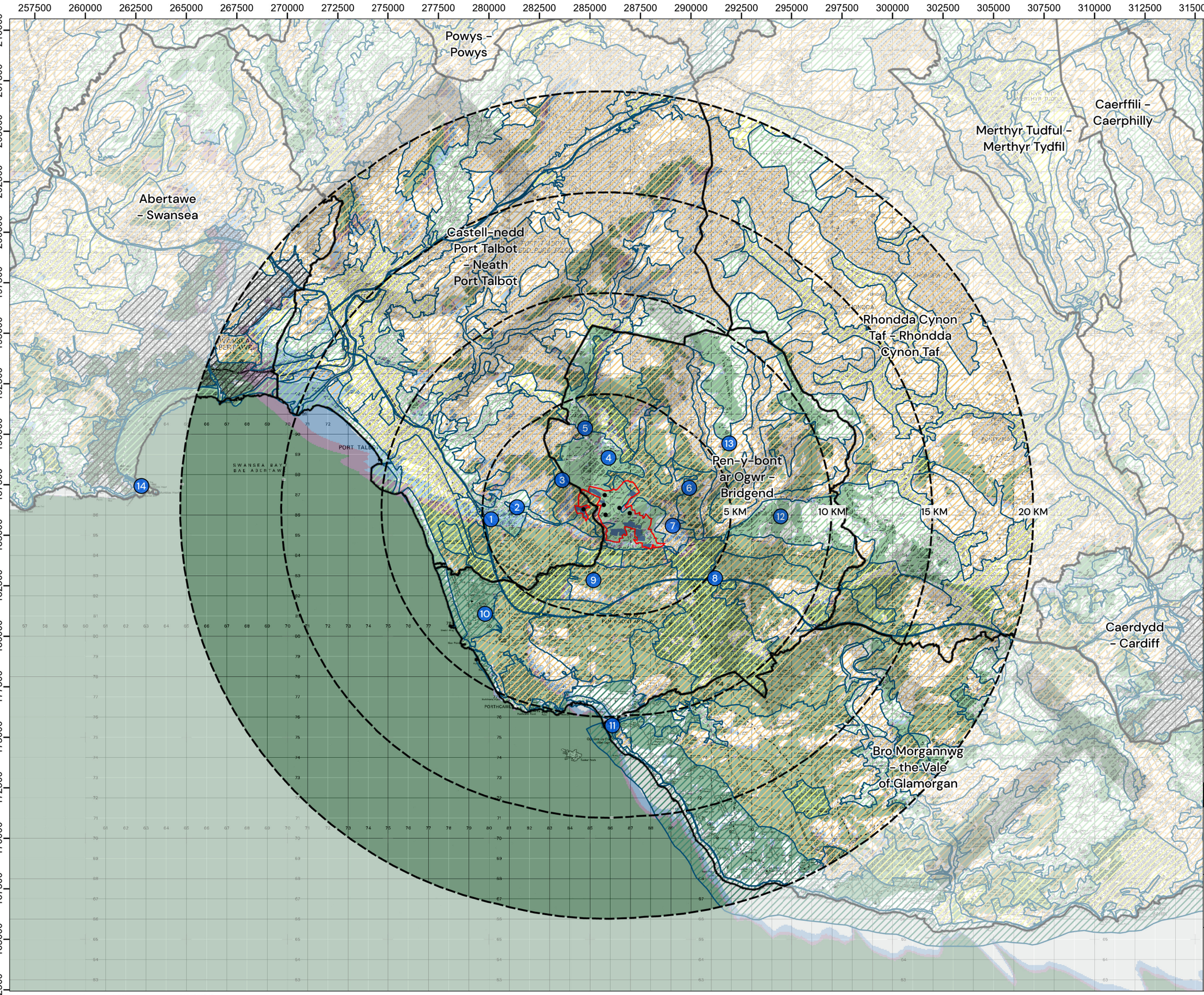
Figure 8.15: LANDMAP Visual and Sensory Classification within 20 km

0 5
Kilometres
SCALE: 1:175,000 @ A3

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Legend:

- Site Boundary
- Proposed Turbines
- 20km Study Area
- Local Authority Boundary
- Proposed Solar Development

LANDMAP (Visual and Sensory) - Overall Evaluation

- Unclassified
- Outstanding
- High
- Moderate
- Low
- LVIA Viewpoint

Zone of Theoretical Visibility - Blade Tip (200m)

- 1-2 Turbines Visible
- 3-4 Turbines Visible
- 5-6 Turbines Visible

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



Rev	Date	Description	Drn	Chk	App
00	17/04/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

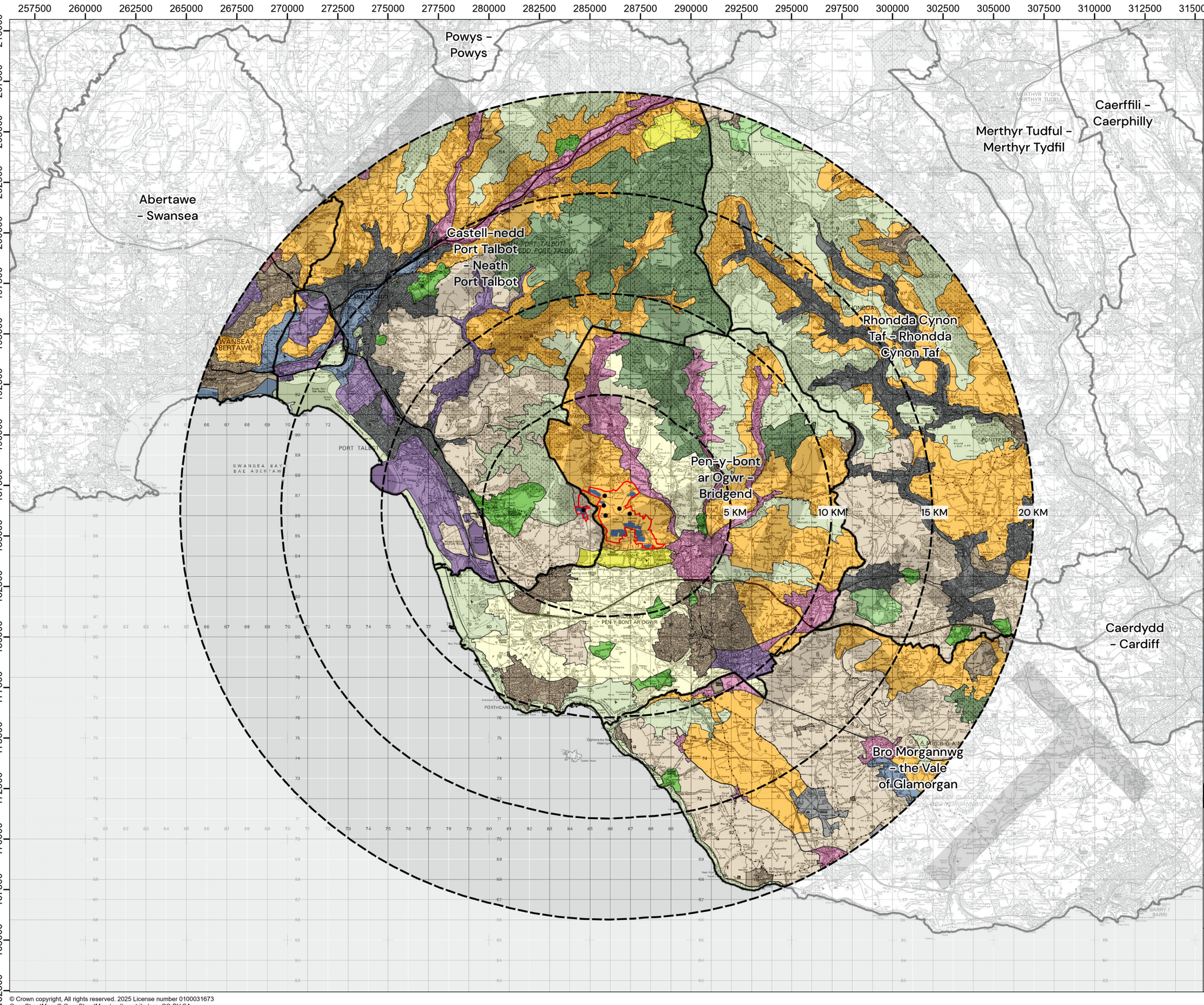
TITLE:
Figure 8.16: LANDMAP Visual and Sensory Overall Evaluation with Blade Tip ZTV with Viewpoints

0 5
Kilometres
SCALE: 1:175,000 @ A3

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Legend:

- Site Boundary
- Proposed Turbines
- 20km Study Area
- Local Authority Boundary
- Proposed Solar Development

LANDMAP (Historic Landscape)

- Communications
- Designed
- Extractive
- Irregular Fieldscapes
- Marginal Land
- Military
- Non-nucleated Settlement
- Nucleated Settlement
- Other Settlement
- Other fieldscapes
- Processing/Manufacturing
- Reclaimed land
- Regular Fieldscapes
- Water & Wetland
- Woodland

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

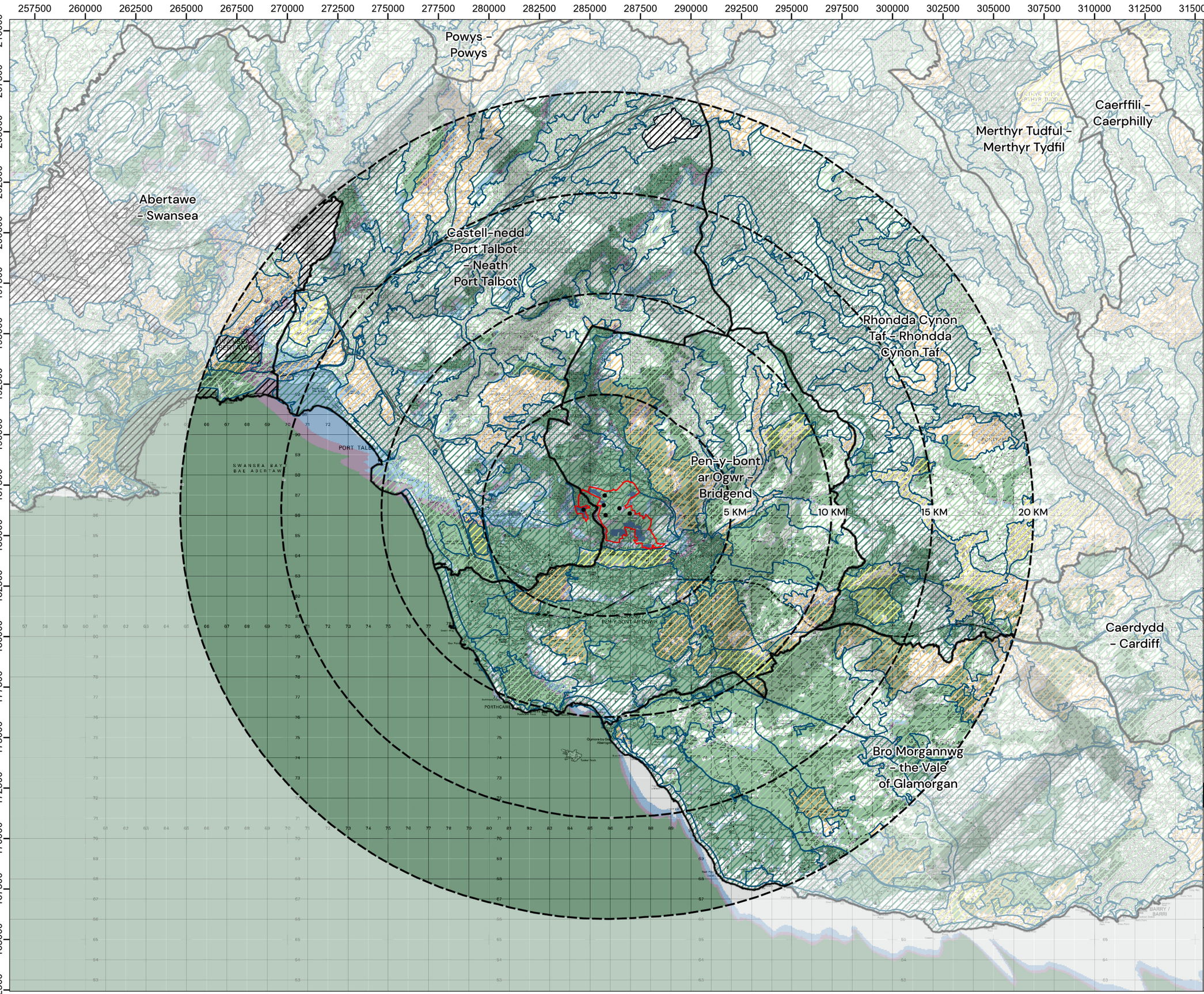
Figure 8.17: LANDMAP Historic Landscape Classification within 20 km

0 5
Kilometres
SCALE: 1:175,000 @ A3

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Legend:

- Site Boundary
- Proposed Turbines
- 20km Study Area
- Local Authority Boundary
- Proposed Solar Development

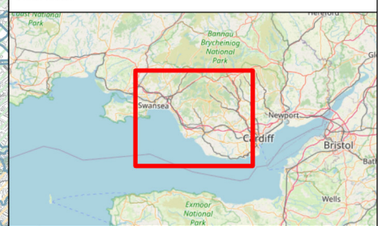
LANDMAP (Historic Landscapes) - Overall Evaluation

- Unclassified
- Outstanding
- High
- Moderate
- Low

Zone of Theoretical Visibility - Blade Tip (200m)

- 1-2 Turbines Visible
- 3-4 Turbines Visible
- 5-6 Turbines Visible

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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00	17/04/2025	First Draft	AA	AA	AA

Mynydd Ty-talwyn Energy Park

GALILEO EMPOWER

TITLE:

Figure 8.18: LANDMAP Historic Landscape Overall Evaluation with Blade Tip ZTV

0 5
Kilometres
SCALE: 1:175,000 @ A3

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