



ERI Limited

ENVIRONMENTAL IMPACT ASSESSMENT: VOLUME 2 - PLANS

Chapter 9: Landscape and Visual





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ENVIRONMENTAL IMPACT ASSESSMENT: VOLUME 2 - PLANS

Chapter 9: Landscape and Visual

TYPE OF DOCUMENT (VERSION) PUBLIC

PROJECT NO. 62300457

DATE: JANUARY 2024

WSP

1 Capital Quarter
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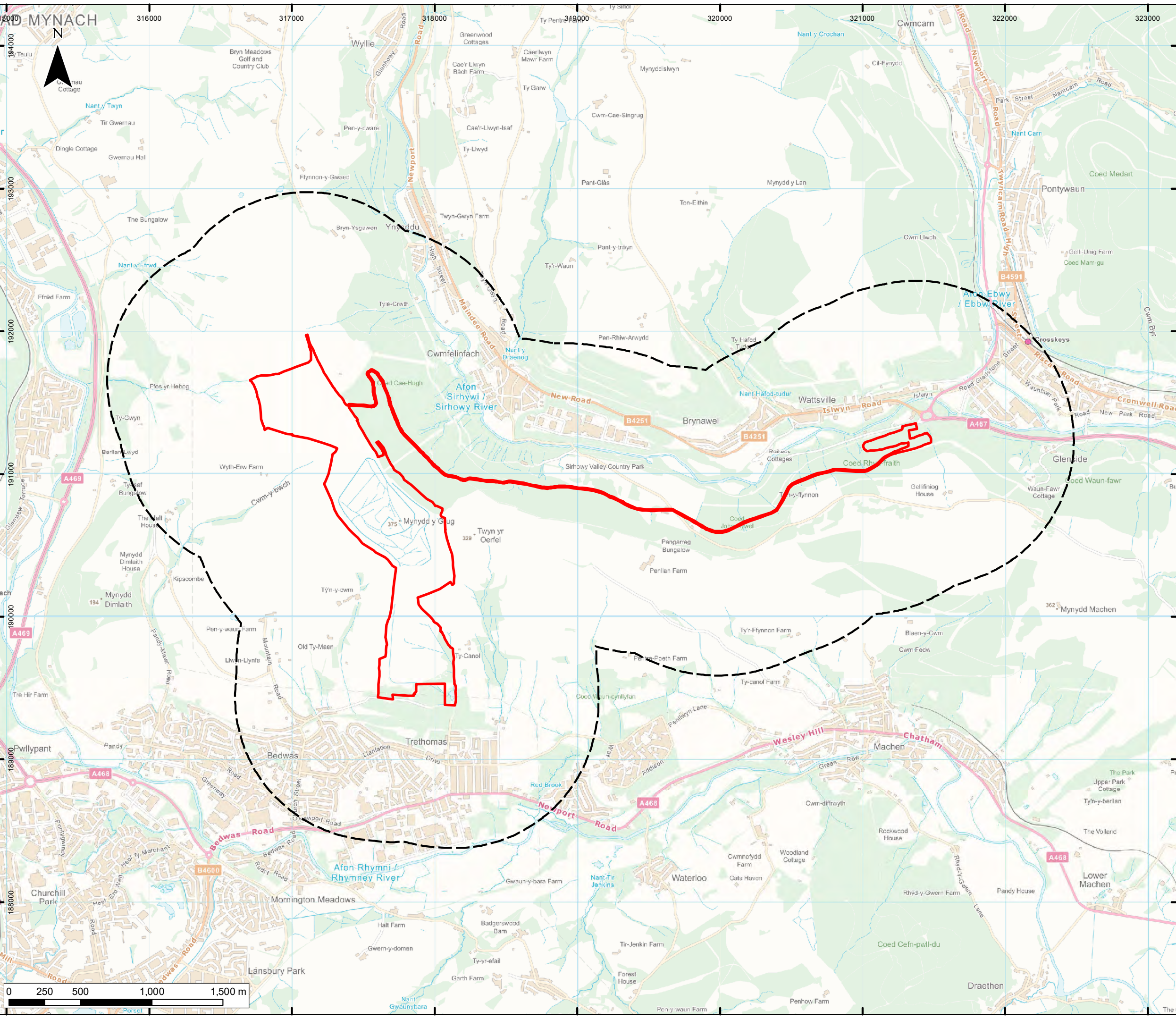
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STUDY AREA PLAN






Key

- Site boundary
- Landscape study area

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| BEDWAS TIPS RECLAMATION | | | | | |
| Drawing | | | | | |
| BEDWAS STUDY AREA PLAN | | | | | |
| FIGURE 8.1 | | | | | |
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| BED-WSP-ELS-ZZ-DR-LE-001 | | | | | P01 |

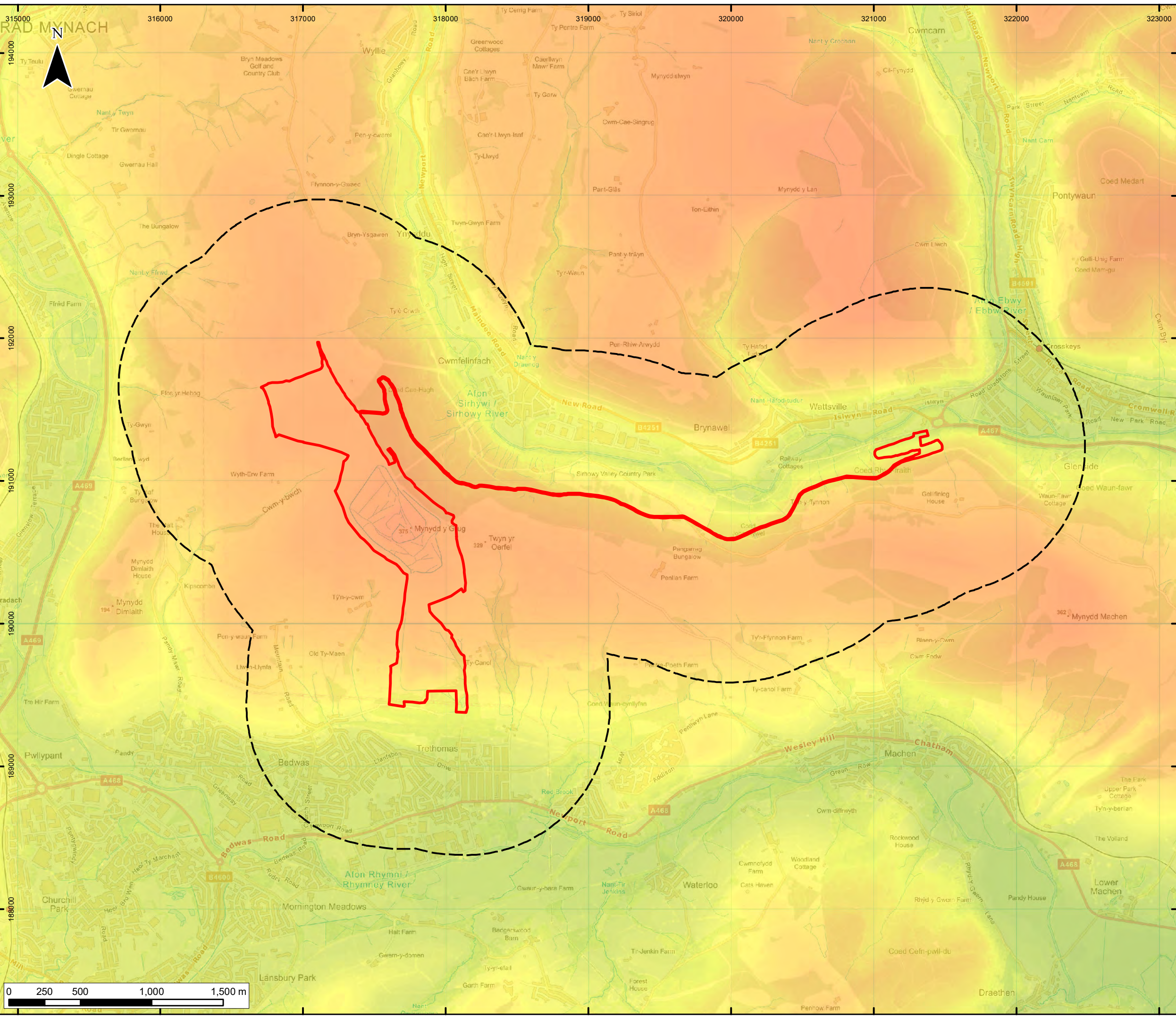


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TOPOGRAPHY






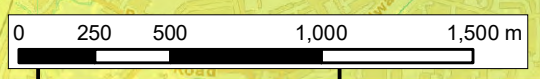
Key

- Site boundary
- Landscape study area

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| FIGURE 8.2 | | | | | |
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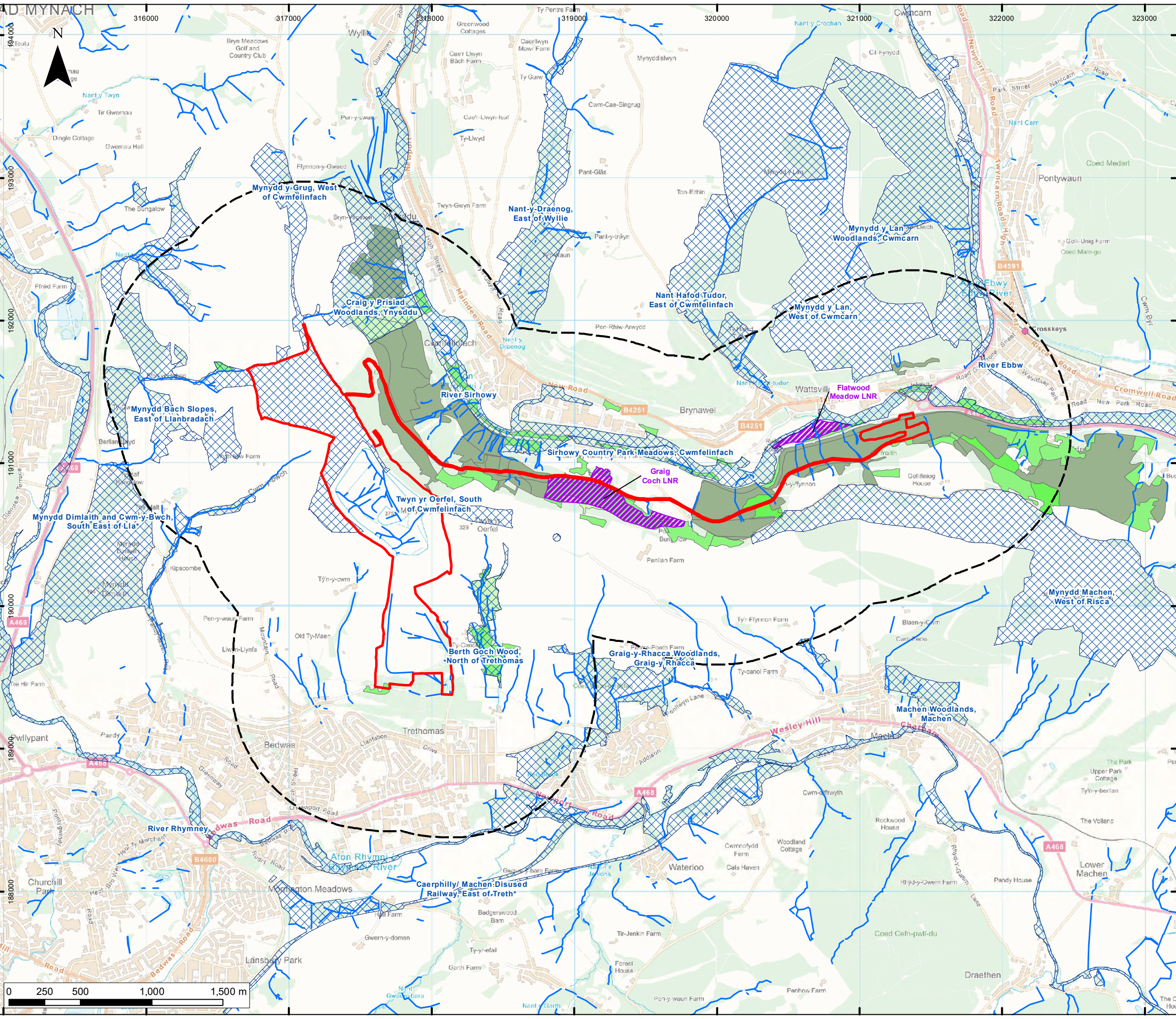


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ENVIRONMENTAL CONSTRAINTS



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 C:\Users\UKJXP782\OneDrive - WSP O365\Projects\62300457 Bedwas\BED WSP.ELS.ZZ.DR.LE.0005.mxd



- Key**
- Site boundary
 - Landscape study area
 - Local Nature Reserve (LNR)
 - Site of Importance for Nature Conservation SINC
 - Ancient Semi Natural Woodland
 - Restored Ancient Woodland Site
 - Plantation on Ancient Woodland Site
 - Ancient Woodland Site of unknown category

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Project
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Drawing
**ENVIRONMENTAL CONSTRAINTS
FIGURE 8.5**

Scale at A3
1:25,000

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JP

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30/11/2023

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Project-Originator-Function-Spatial-Form-Discipline-Number Revision

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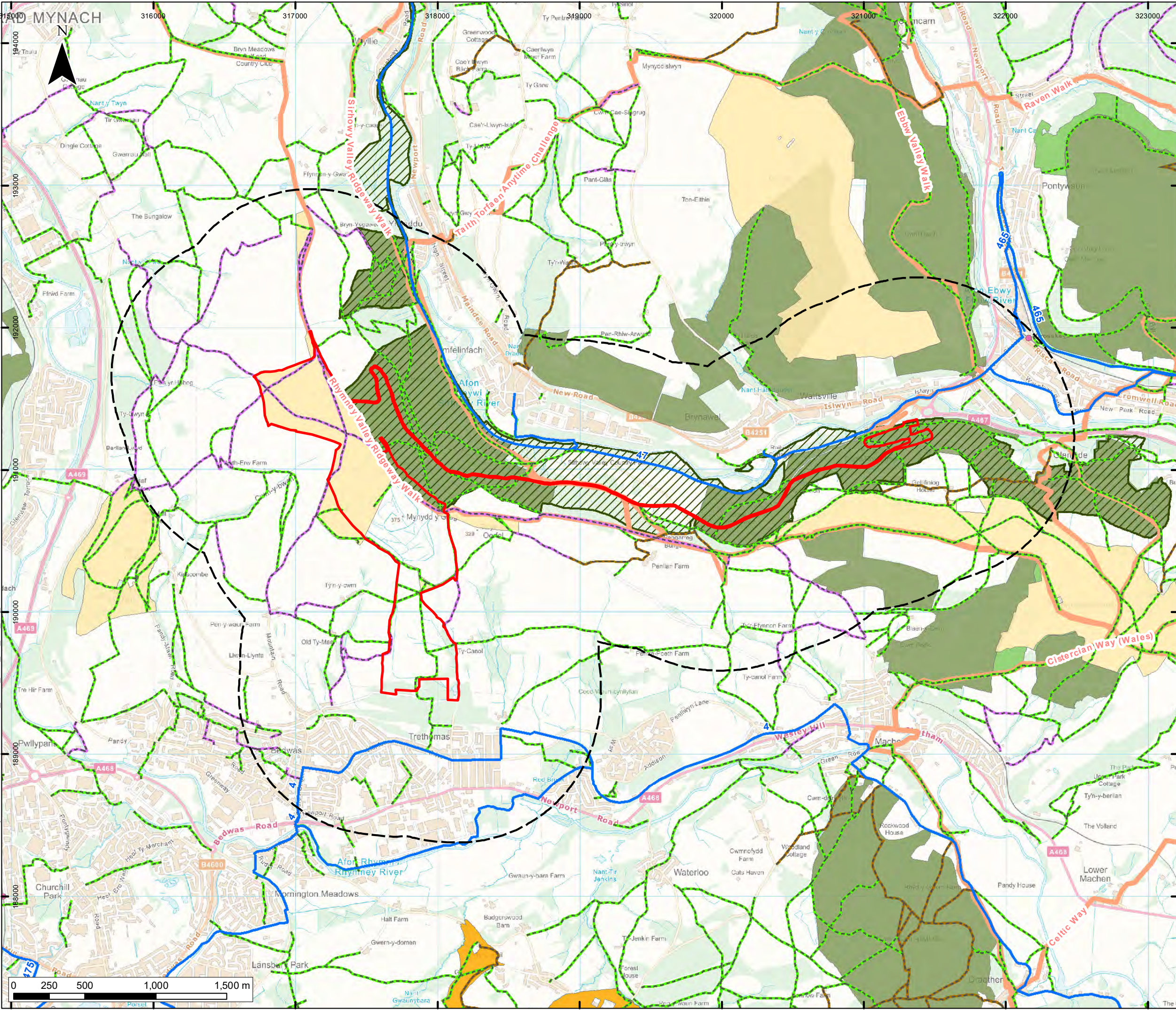
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RECREATION AND ACCESS PLAN





Key

- Site boundary
- Landscape study area
- Sustrans - National cycle route
- - - Footpath
- Bridleway
- - - Restricted byway
- Long distance footpath
- Registered Common Land
- Open Country
- Other Statutory Access Land
- Dedicated Woodland (CRoW Act)
- Country Park

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Project
BEDWAS TIPS RECLAMATION

Drawing
**RECREATION AND ACCESS PLAN
FIGURE 8.4**

| Scale at A3 | Drawn | Checked | Approved |
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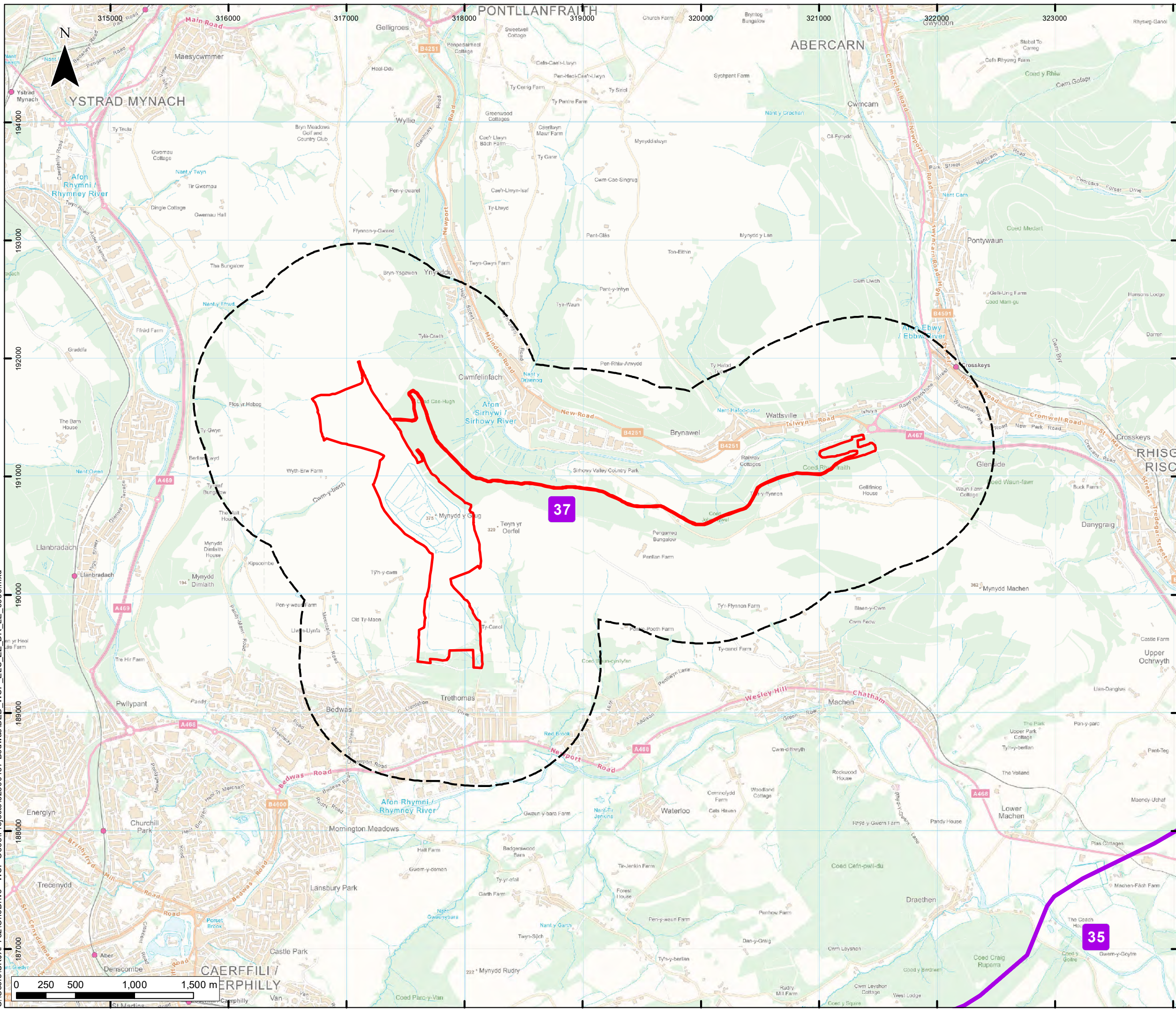


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NATIONAL CHARACTER AREAS





Key

- Site boundary
- Landscape study area
- National Landscape Character Area

35 Caerdydd, Barri a'r Casnewydd / Cardiff, Barry and Newport

37 Cymoedd y De/South Wales Valleys

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BEDWAS TIPS RECLAMATION

Drawing
NATIONAL CHARACTER AREAS (NCA) FIGURE 8.6

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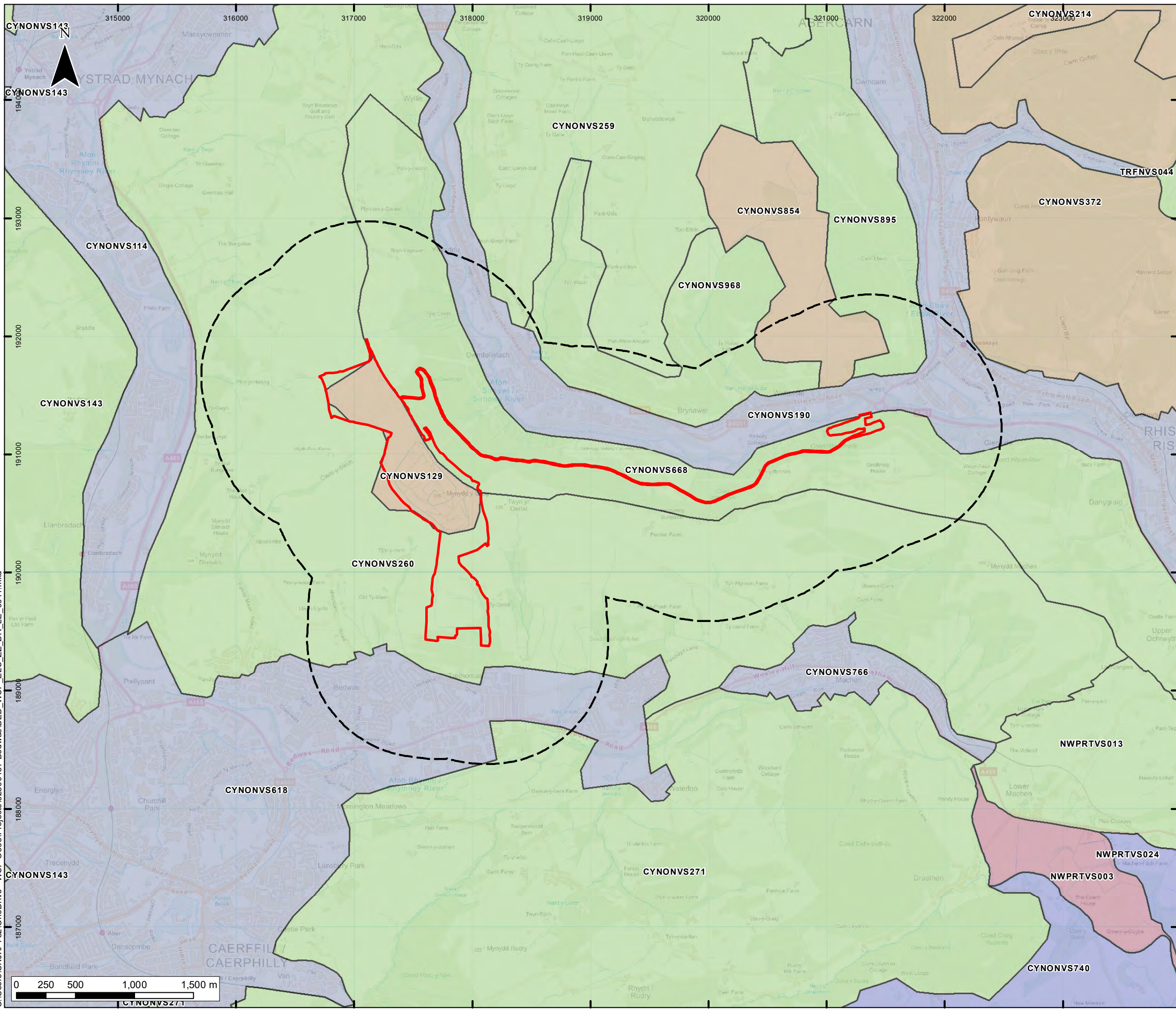


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VISUAL SENSORY SERVICES





Key

- Site boundary
- Landscape study area

NRW Landmap Visual Sensory (Classification)

- Built Land
- Exposed Upland/Plateau
- Flat Lowland/Levels
- Hills, Lower Plateau & Scarp Slopes
- Rolling Lowland

CYNONVS114 Blackwood
 CYNONVS129 Mynydd Y Grug
 CYNONVS143 Llanfabon
 CYNONVS190 Risca
 CYNONVS214 MynyddLlwyd and Mynydd Maen
 CYNONVS259 NW of Mynydd y Lan
 CYNONVS260 Valley slopes Machen - Ystrad Mynach
 CYNONVS271 Rhymney Valley South of Caerphilly
 CYNONVS372 Mynydd Maen
 CYNONVS618 Caerphilly
 CYNONVS668 Sirhowy Valley slopes
 CYNONVS740 Area surrounding Cefn Mably lakes
 CYNONVS766 Machen
 CYNONVS854 Mynydd Y Lan

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Project
BEDWAS TIPS RECLAMATION

Drawing
**VISUAL SENSORY SERVICES
 FIGURE 8.7i**

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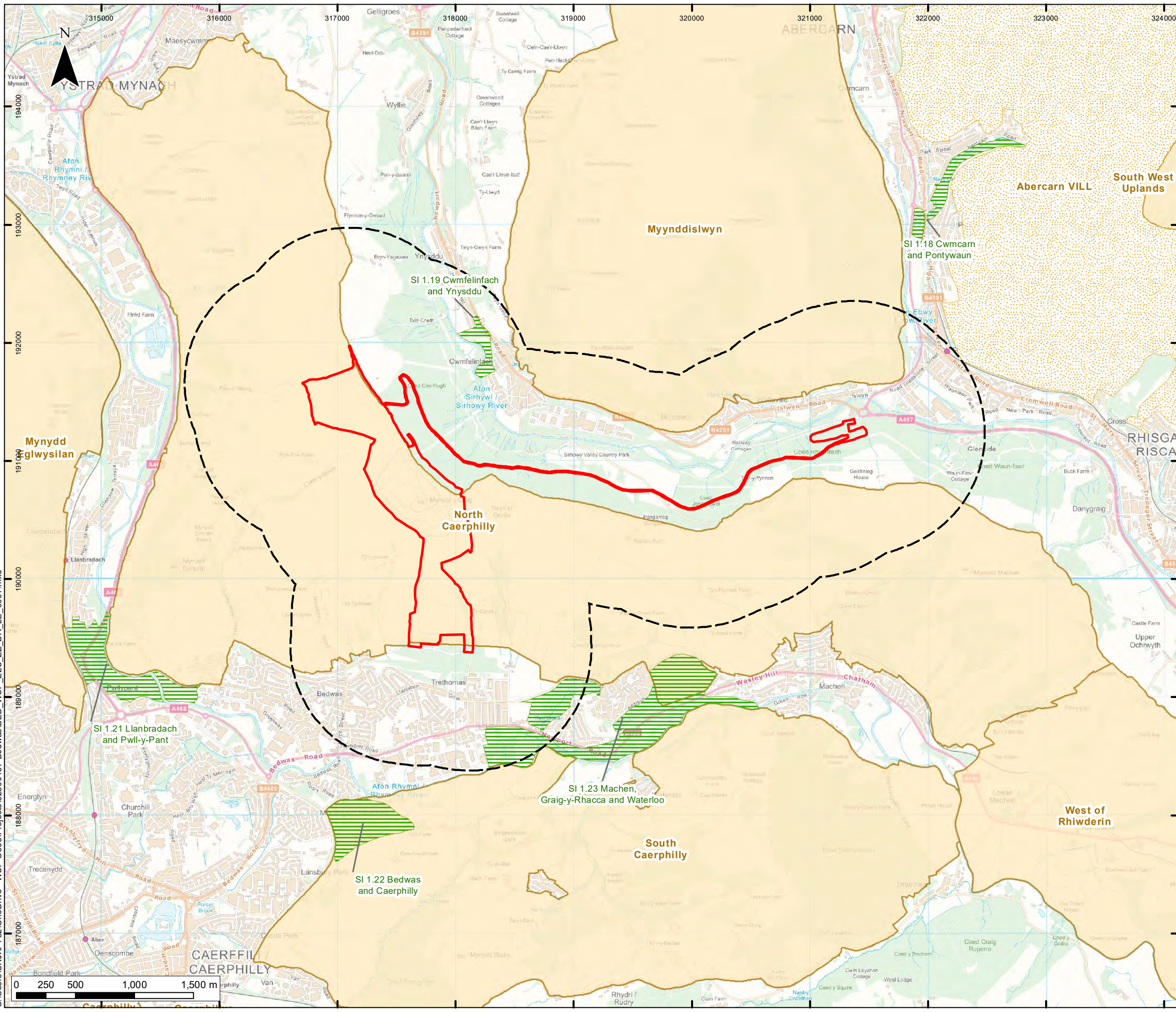
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SPECIAL LANDSCAPE AREAS





Key

- Site boundary
- Landscape study area
- Special Landscape Area
- Visually Important Local Landscape (LDP)
- Green wedge (LDP)

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Drawing
**SPECIAL LANDSCAPE AREAS
 FIGURE 8.8**

| | | | |
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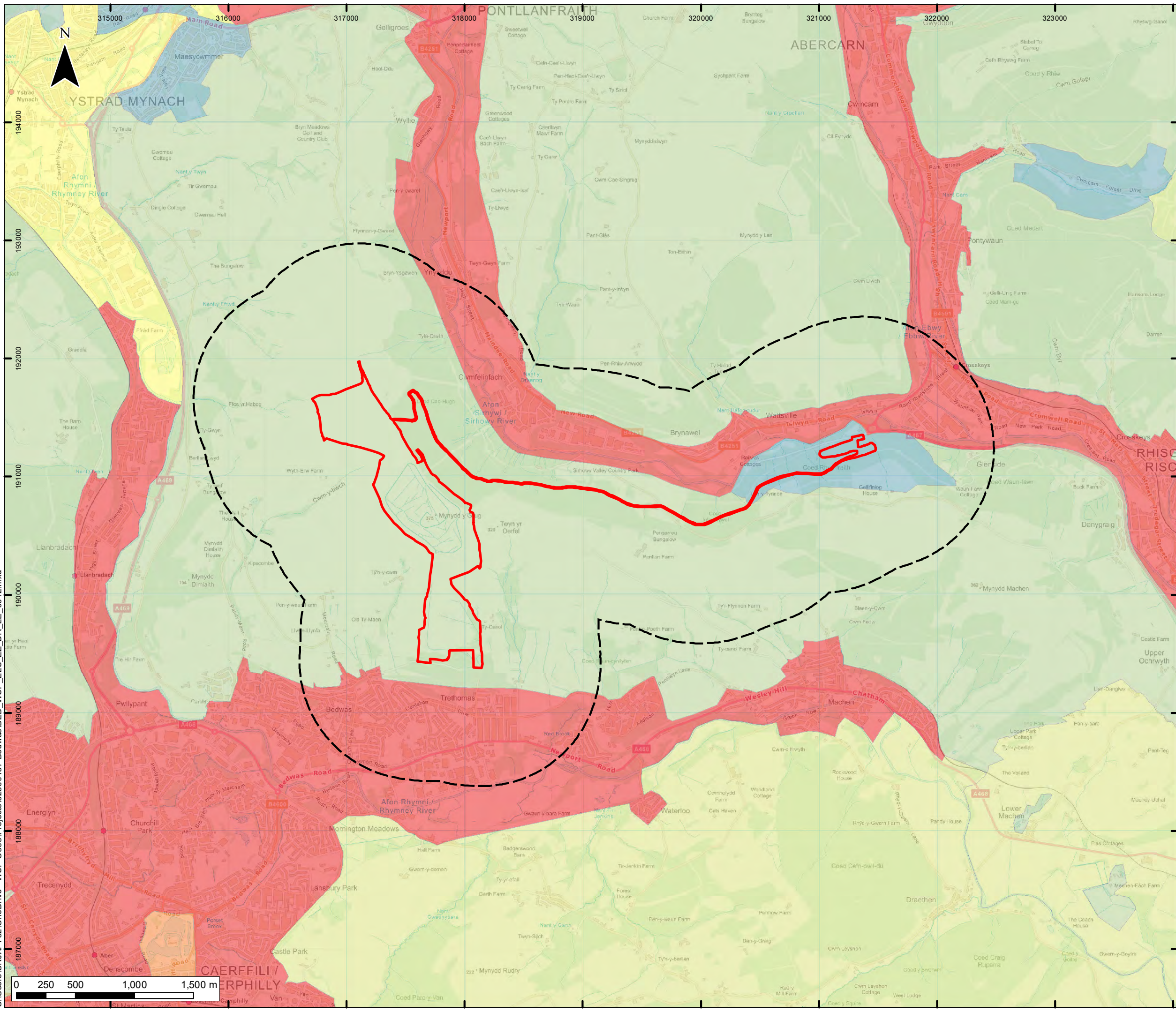


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CULTURAL LANDSCAPE SERVICES





Key

- Site boundary
- Landscape study area

NRW Landmap Cultural Landscape

- Leisure/Recreation
- Other Industry (specify)
- Other Institutions (specify)
- Other Rural (specify)
- Other Urban (specify)
- Tourism
- Urban Settlement

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Project
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Drawing
**CULTURAL LANDSCAPE SERVICES
FIGURE 8.7ii**

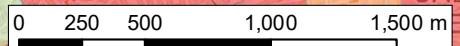
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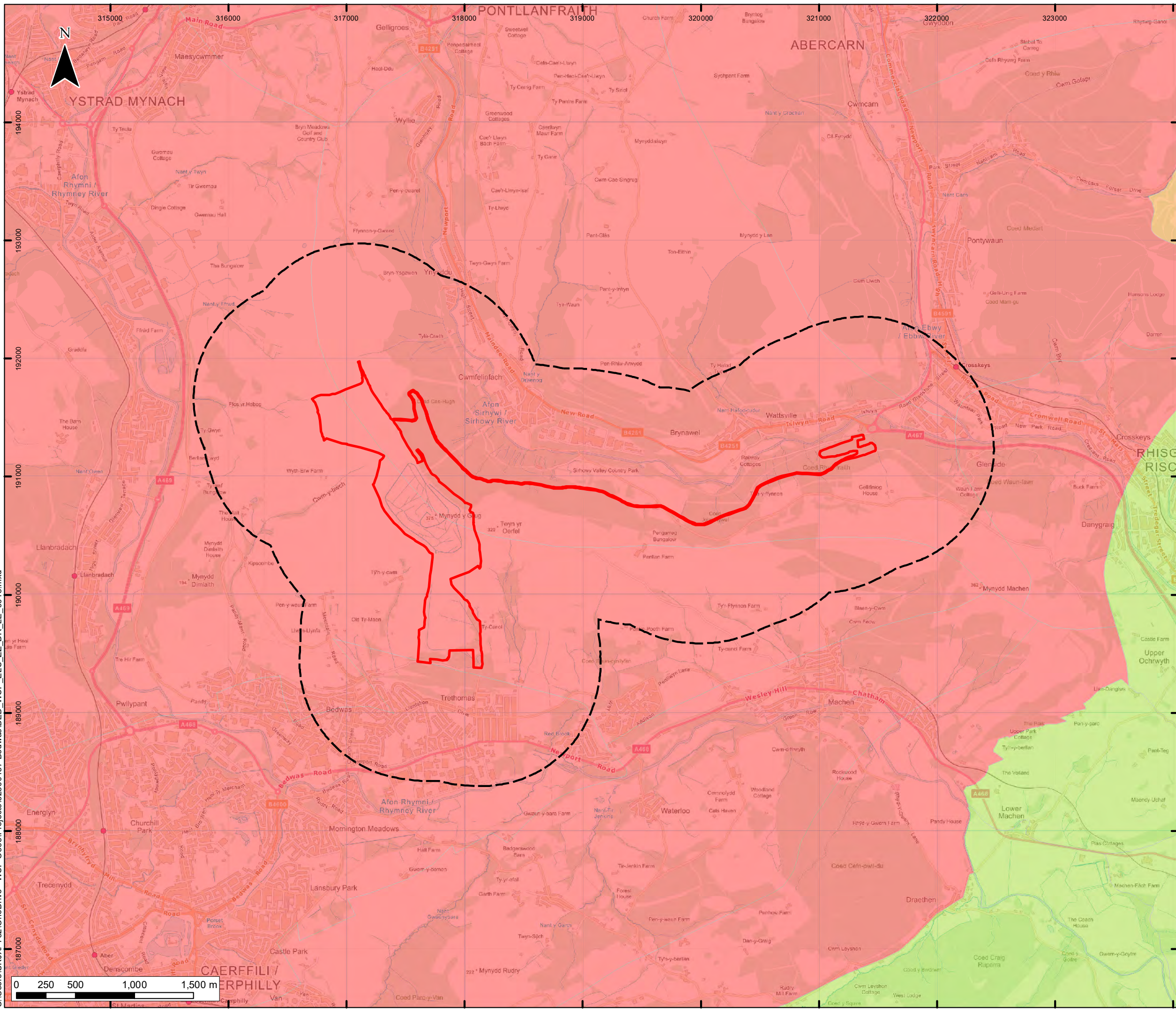
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GEOLOGICAL LANDSCAPE





Key

- Site boundary
- Landscape study area
- Lowland hills and valleys
- Mass movement
- Mountain and upland valley

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BEDWAS TIPS RECLAMATION

Drawing
**GEOLOGICAL LANDSCAPE SERVICES
FIGURE 8.7iii**

| Scale at A3 | Drawn | Checked | Approved |
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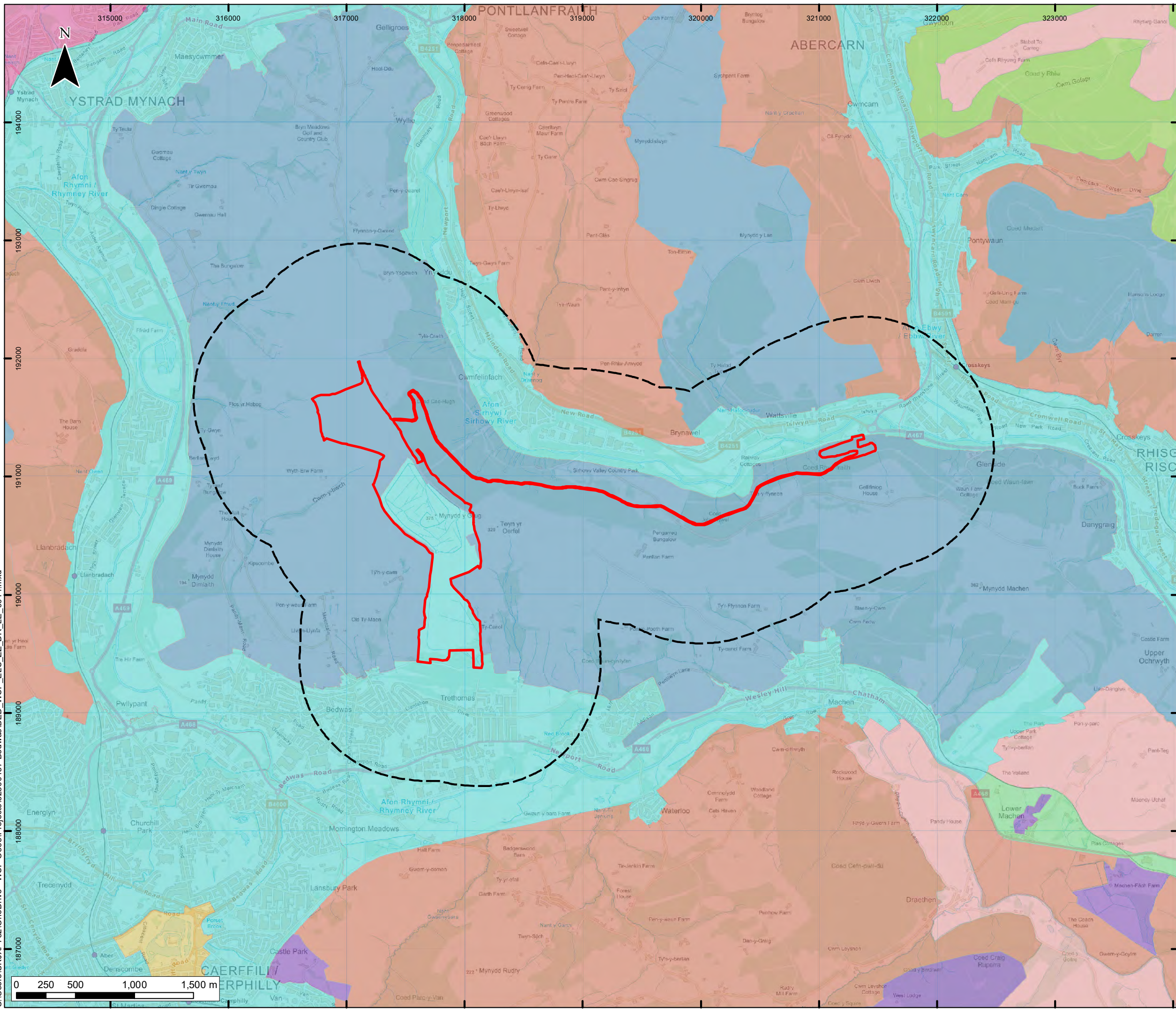
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HISTORIC LANDSCAPE SERVICES





Key

- Site boundary
- Landscape study area

NRW Historic Landscape

- Communications
- Designed
- Irregular Fields
- Marginal Land
- Military
- Nucleated Settlement
- Other Settlement
- Regular Fields
- Woodland

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Drawing
**HISTORIC LANDSCAPE SERVICES
FIGURE 8.7iv**

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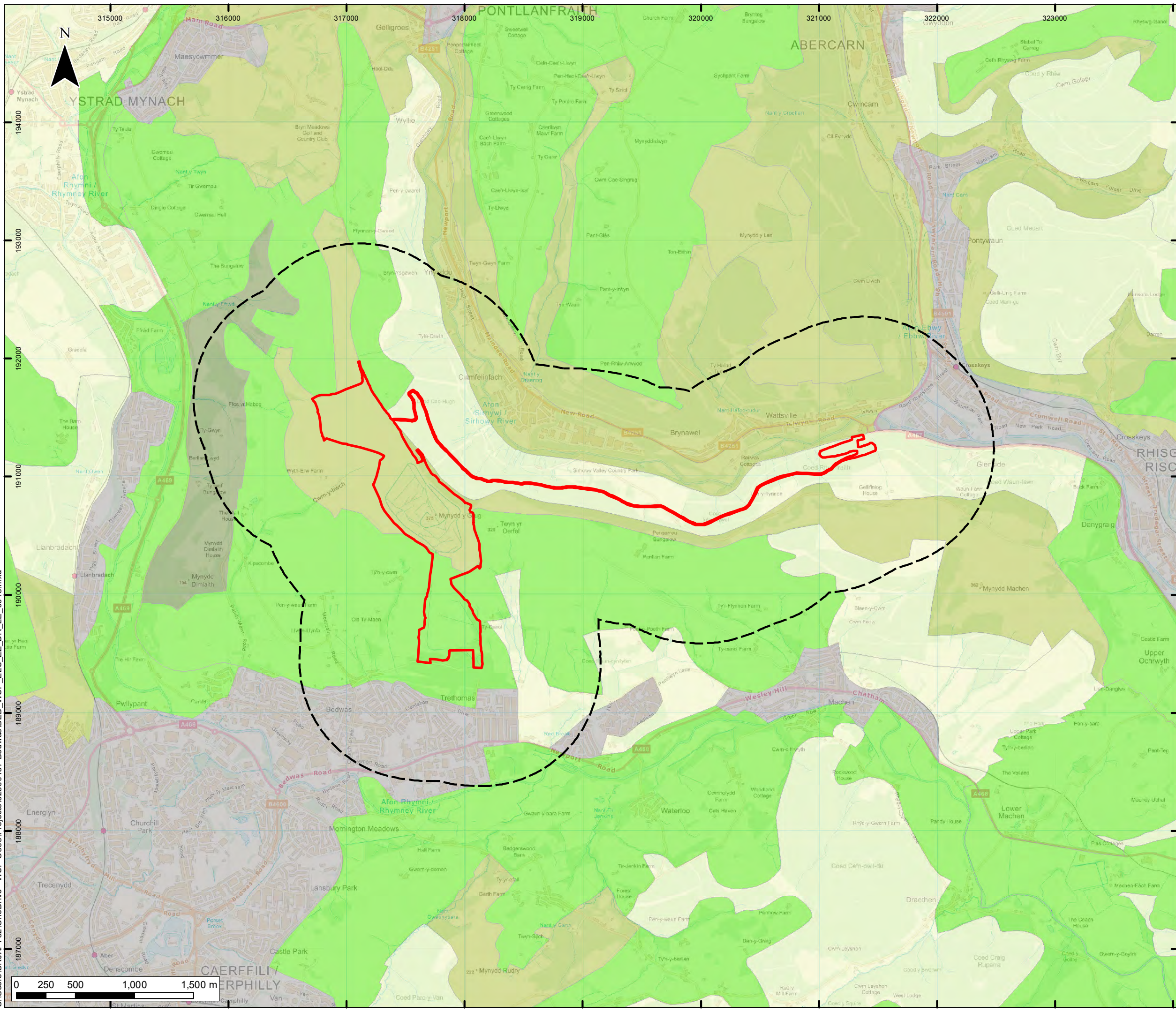


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LANDSCAPE HABITATS





Key

- Site boundary
- Landscape study area

NRW Landmap Landscape Habitats

- Built Up Areas
- Grassland & Marsh
- Mosaic
- Tall Herb & Fern
- Woodland & Scrub

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Drawing
**LANDSCAPE HABITATS
FIGURE 8.7v**

| | | | |
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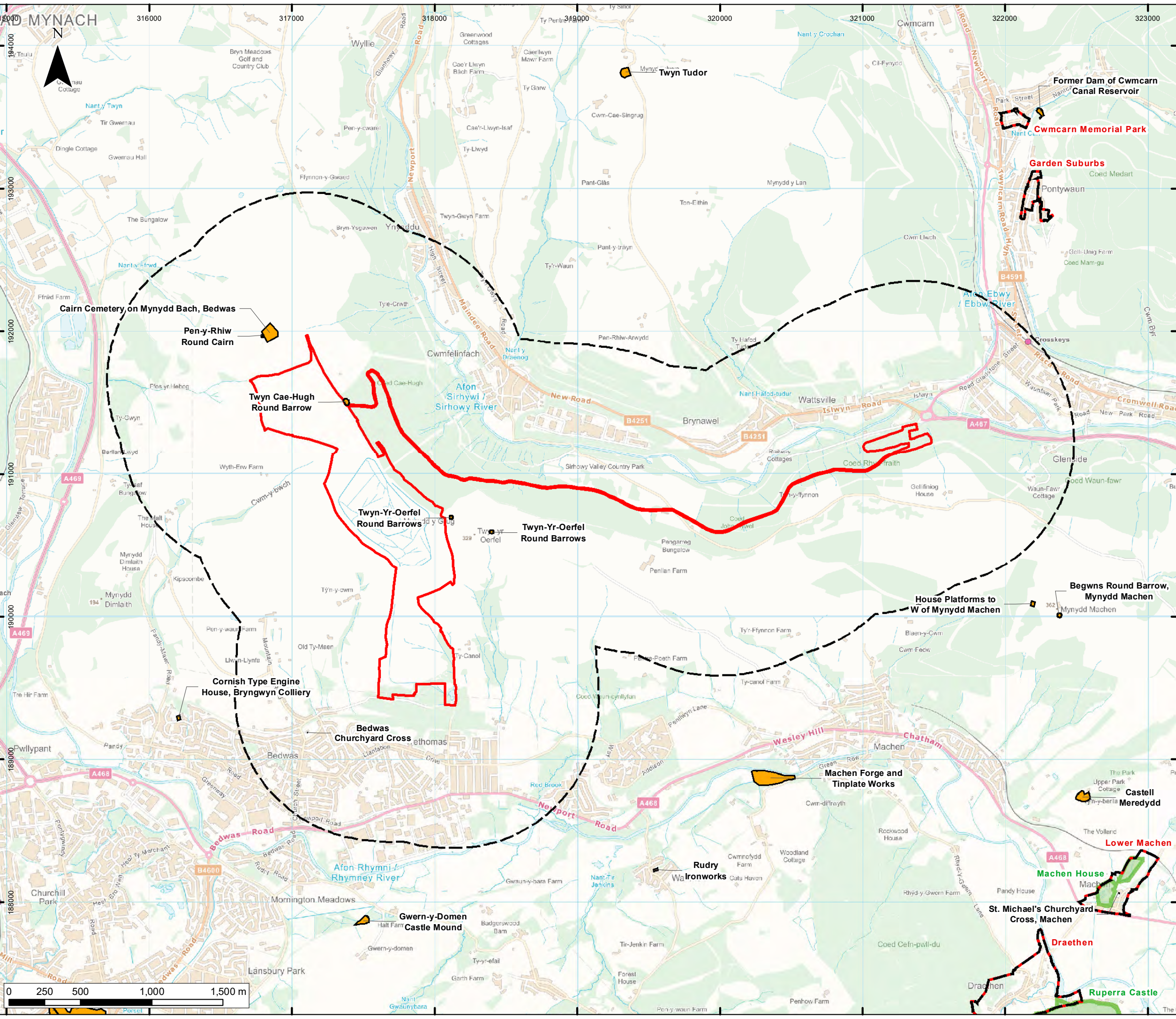


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HERITAGE DESIGNATIONS





Key

- Site boundary
- Landscape study area
- Historic Park and Garden
- Scheduled Monument
- Conservation area

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Drawing
**HERITAGE DESIGNATIONS
FIGURE 8.3**

| Scale at A3 | Drawn | Checked | Approved |
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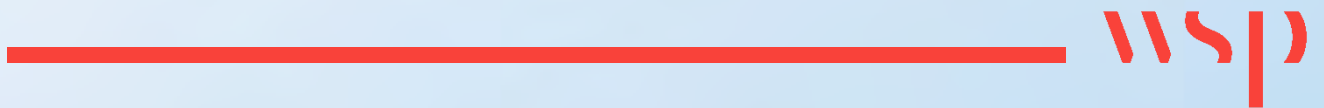
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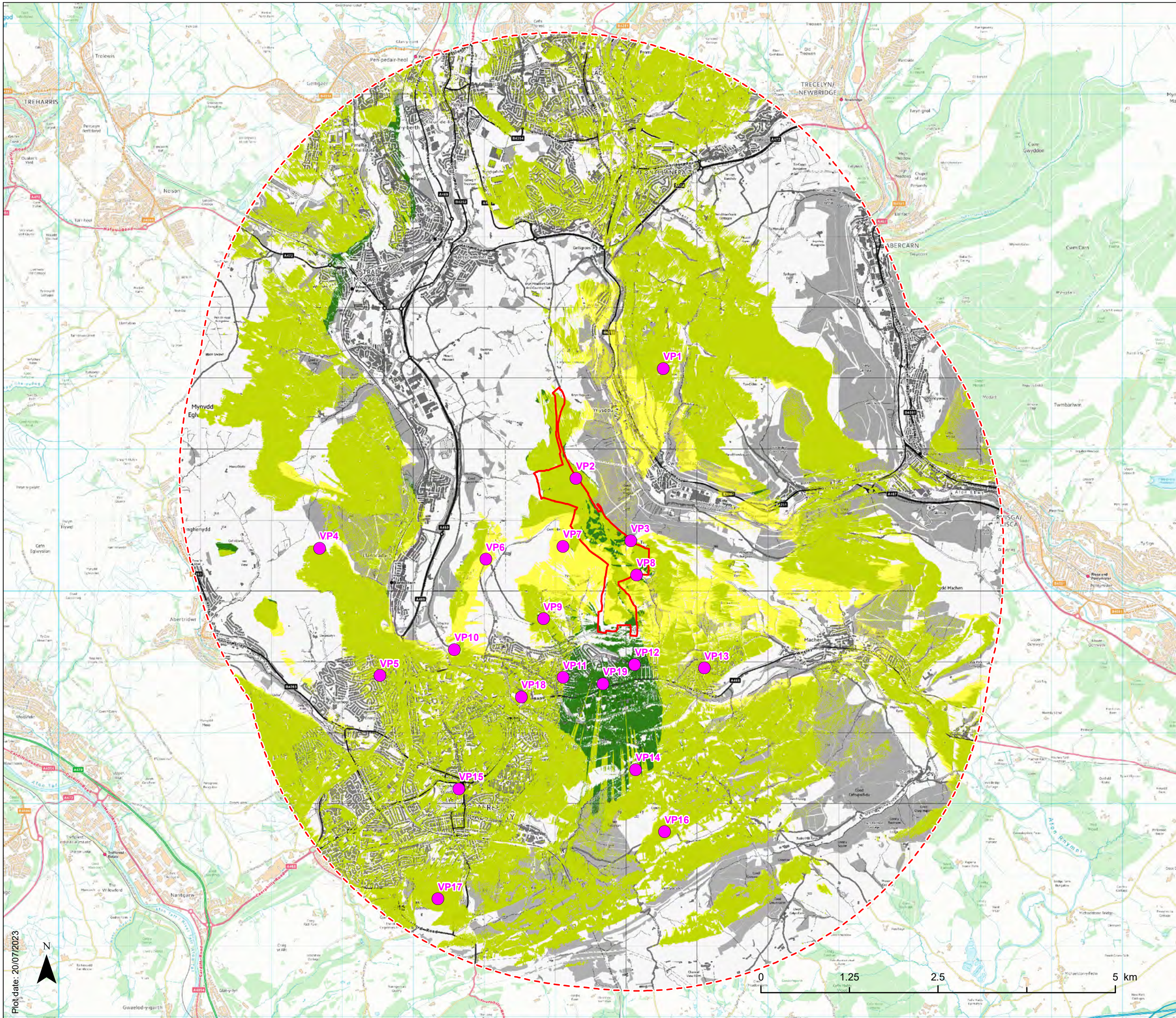


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**ZONE OF THEORETICAL VISIBILITY
WITH SCREENING**





KEY

- Viewpoint Location
- Red Line Boundary
- Study Area (5km radius buffer from Red Line Boundary)

Zone of Theoretical Visibility with Screening

- No elements are theoretically visible
- Elements of the reprofiled Site may be theoretically visible
- Elements of the existing Site may be theoretically visible
- Elements of both the existing Site and the reprofiled Site may be theoretically visible

- NOTE:**
1. This intends to show potential theoretical visibility only and should not be viewed as an indication of the significance or magnitude of visual impacts.
 2. The effects of weather and atmospheric conditions in reducing visual range have not been accounted for.
 3. The screening effects of vegetation, buildings and other surface features have not been accounted for.
 4. Calculations based on the theoretic visibility of 16 spot heights randomly allocated within the red line boundary
 5. Observer height set to 1.5m above ground level.
 6. Calculated from DSM data supplied by <https://datamap.gov.wales> at a 2m resolution.
 7. DSM coverage and calculations limited to up to 5km.
 8. Calculations adjusted to account for the earth's curvature and effects of light refraction.
 9. ZTVs calculated by software (ESRI ArcGIS Spatial Analyst) that does not use mathematical approximate methods.

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| P01.3 | AC | SH | FC | PLAN AMENDED | 20/07/2023 |
| P01.2 | AC | SH | FC | DATA AMENDED | 16/06/2023 |
| P01.1 | AC | SH | FC | FIRST DRAFT | 10/03/2023 |

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Purpose of Issue
S3 - For internal review

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Project
Bedwas Tips

Drawing
Comparative Zone of Theoretical Visibility with Screening including Viewpoint Locations

Drawing Ref:
Figure 2

| Scale @ A3 | Drawn | Checked | Approved |
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| 1:50,000 | AC | SH | FC |

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Plot date: 20/07/2023

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**ZONE OF THEORETICAL VISIBILITY
WITHOUT SCREENING**





- KEY**
- Viewpoint Location
 - Red Line Boundary
 - Study Area (5km radius buffer from Red Line Boundary)
- Zone of Theoretical Visibility without Screening**
- No elements are theoretically visible
 - Elements of the reprofiled Site may be theoretically visible
 - Elements of the existing Site may be theoretically visible
 - Elements of both the existing Site and the reprofiled Site may be theoretically visible

- NOTE:**
1. This intends to show potential theoretical visibility only and should not be viewed as an indication of the significance or magnitude of visual impacts.
 2. The effects of weather and atmospheric conditions in reducing visual range have not been accounted for.
 3. The screening effects of vegetation, buildings and other surface features have not been accounted for.
 4. Calculations based on the theoretic visibility of 16 spot heights randomly allocated within the red line boundary
 5. Observer height set to 1.5m above ground level.
 6. Calculated from DSM data supplied by <https://datamap.gov.wales> at a 2m resolution.
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 8. Calculations adjusted to account for the earth's curvature and effects of light refraction.
 9. ZTVs calculated by software (ESRI ArcGIS Spatial Analyst) that does not use mathematical approximate methods.

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| P01.3 | AC | SH | FC | PLAN AMENDED | 20/07/2023 |
| P01.2 | AC | SH | FC | DATA AMENDED | 16/06/2023 |
| P01.1 | AC | SH | FC | FIRST DRAFT | 10/03/2023 |

Purpose of Issue
S3 - For internal review

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Drawing
Comparative Zone of Theoretical Visibility without Screening including Viewpoint Locations

Drawing Ref:
Figure 1

| Scale @ A3 | Drawn | Checked | Approved |
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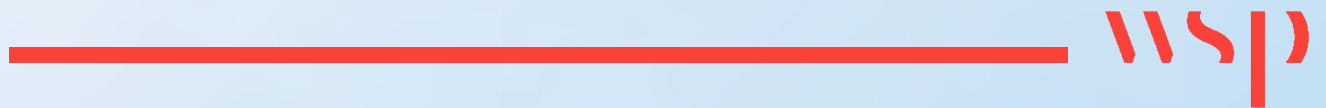
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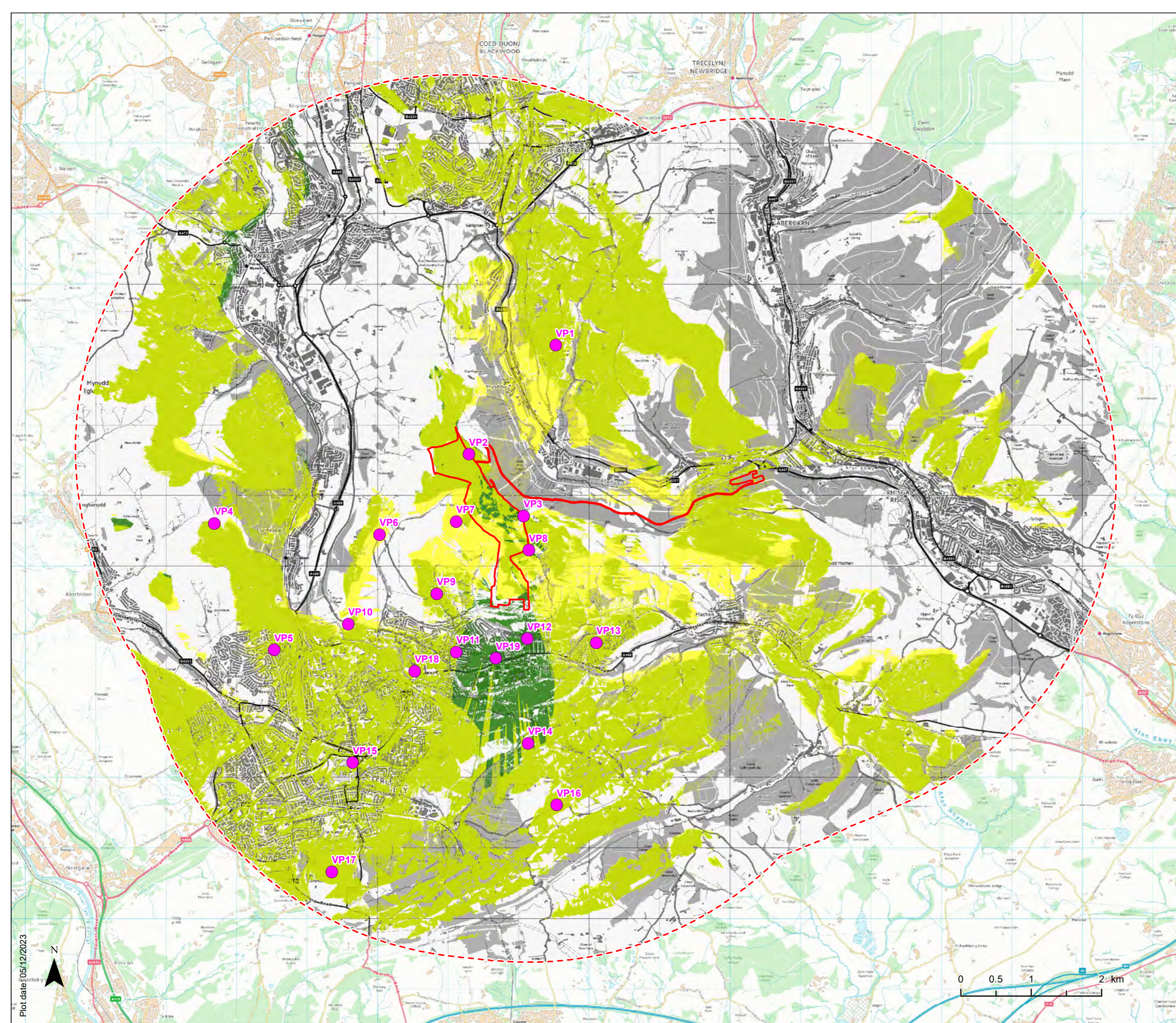


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**ZONE OF THEORETICAL VISIBILITY
WITH SCREENING AND VIEWPOINTS**





KEY

- Site boundary
- Study Area (5km buffer from Red Line Boundary)
- Viewpoint Location

Zone of Theoretical Visibility with Screening

- No elements are theoretically visible
- Elements of the reprofiled Site may be theoretically visible
- Elements of the existing Site may be theoretically visible
- Elements of both the existing Site and the reprofiled Site may be theoretically visible

NOTE:

1. This intends to show potential theoretical visibility only and should not be viewed as an indication of the significance or magnitude of visual impacts.
2. The effects of weather and atmospheric conditions in reducing visual range have not been accounted for.
3. The screening effects of vegetation, buildings and other surface features have not been accounted for.
4. Calculations based on the theoretic visibility of 16 spot heights randomly allocated within the red line boundary
5. Observer height set to 1.5m above ground level.
6. Calculated from DSM data supplied by <https://datamap.gov.wales> at a 2m resolution.
7. DSM coverage and calculations limited to up to 5km.
8. Calculations adjusted to account for the earth's curvature and effects of light refraction.
9. ZTVs calculated by software (ESRI ArcGIS Spatial Analyst) that does not use mathematically approximate methods.

| Rev | Drawn | Chkd | App'd | Description | Date |
|-------|-------|------|-------|--------------|------------|
| P01.2 | AC | MF | RD | DATA AMENDED | 05/12/2023 |
| P01.1 | AC | MF | RD | FOR REVIEW | 29/11/2023 |

Purpose of Issue
S3 - For internal review

Classification
Confidential

Client
Energy Recovery Investments Ltd



Project
Bedwas Tips

Drawing
Comparative Zone of Theoretical Visibility with Screening including Viewpoint Locations

Drawing Ref.
Figure 9.1

| Scale @ A3 | Drawn | Checked | Approved |
|------------|-------|---------|----------|
| 1:50,000 | AC | MF | RD |

| Project No | Date |
|------------|------------|
| 70106037 | 05/12/2023 |

| Drawing Identifier | Revision |
|---|----------|
| Project Reference-Author-Volume-Location-Type-Role-File Number BED-WSP-ELS-ZZ-DR-LE-1001 | P01 |

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Plot date: 05/12/2023

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Photograph Parameters Viewpoint 1:

| | | | |
|-----------------------------|-------------------------------|----------------|-------------------------|
| Location grid reference: | 318525 193117 | Camera: | Canon EOS 5D Mk II, FFS |
| GPS location accuracy: | +/- 3m | Lens: | 50mm |
| Horizontal field of view: | 180° (cylindrical projection) | Camera height: | 1.5m AGL |
| Paper size: | 841mm x 297mm (A1) | Date and time: | 06/03/2023 09:50 |
| Correct printed image size: | 820mm x 250mmmm | | |

100% Enlargement

TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
Energy Recovery Investments Ltd

Figure 9.2
Viewpoint 1, Raven Walk Regional Trail
looking south-west

January 2024



Mynydd y Grug Common and Deposition area Foreground and midground

Rhymney Valley Ridgeway Walk

Approximate location of Tip 1 (Screened)

Enclosure (archaeology) in midground

Approximate location of Tip 2

Photograph Parameters Viewpoint 2:
Location grid reference: 317302 191544
GPS location accuracy: +/- 2m
Horizontal field of view: 360° (cylindrical projection)
Paper size: 841mm x 297mm (A1)
Correct printed image size: 820mm x 250mmmm

Camera: Canon EOS 5D Mk II, FFS
Lens: 50mm
Camera height: 1.5m AGL
Date and time: 06/03/2023 10:30

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TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
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Figure 9.3
Viewpoint 2, Rhymney Valley Ridgeway
Walk looking south-east

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Extent of tip 2

Forestry management works in Sirhowy Country Park

Rhydney Valley Ridgeway Walk

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Photograph Parameters Viewpoint 3:
 Location grid reference: 318074 190710
 GPS location accuracy: +/- 2m
 Horizontal field of view: 360° (cylindrical projection)
 Paper size: 841mm x 297mm (A1)
 Correct printed image size: 820mm x 250mmmm
 Camera: Canon EOS 5D Mk II, FFS
 Lens: 50mm
 Camera height: 1.5m AGL
 Date and time: 06/03/2023 11:45

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TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
 Energy Recovery Investments Ltd

Figure 9.4
Viewpoint 3, Rhydney Valley Ridgeway
Walk looking west

January 2024



Mynydd Eglwysilan Common land

Approximate extent of Tip 1 & 2 (Screened)

Dry stone wall marking periphery of Common land

PRoW Byway open to all traffic



Photograph Parameters Viewpoint 4:

Location grid reference: 313706 190563
 GPS location accuracy: +/- 1m
 Horizontal field of view: 360° (cylindrical projection)
 Paper size: 841mm x 297mm (A1)
 Correct printed image size: 820mm x 250mm

Camera: Canon EOS 5D Mk II, FFS
 Lens: 50mm
 Camera height: 1.5m AGL
 Date and time: 07/03/2023 09:24

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TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
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Figure 9.5
Viewpoint 4, Dyke walk looking north

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Photograph Parameters Viewpoint 5:

| | | | |
|-----------------------------|-------------------------------|----------------|-------------------------|
| Location grid reference: | 314642 188822 | Camera: | Canon EOS 5D Mk II, FFS |
| GPS location accuracy: | +/- 1m | Lens: | 50mm |
| Horizontal field of view: | 180° (cylindrical projection) | Camera height: | 1.5m AGL |
| Paper size: | 841mm x 297mm (A1) | Date and time: | 07/03/2023 09:59 |
| Correct printed image size: | 820mm x 250mm | | |

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TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
Energy Recovery Investments Ltd

Figure 9.6
Viewpoint 5, Clos Maes Mawr, Penyrheol
looking north-east

January 2024





Conifers marking the Common boundary and entrance gateway to Wyth-erw Farm

Approximate extent of Tip 2

Approximate extent of Tip 1 (Screened)

Pandy-Mawr Road

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Photograph Parameters Viewpoint 6:
 Location grid reference: 316035 190495
 GPS location accuracy: +/- 1m
 Horizontal field of view: 270° (cylindrical projection)
 Paper size: 841mm x 297mm (A1)
 Correct printed image size: 620mm x 250mmmm
 Camera: Canon EOS 5D Mk II, FFS
 Lens: 50mm
 Camera height: 1.5m AGL
 Date and time: 07/03/2023 11:04

100% Enlargement

TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
 Energy Recovery Investments Ltd

Figure 9.7
Viewpoint 6, entrance to Common Hynydd
Dinlath Common / Pandy-Mawr Road
 looking east

 January 2024





Dry stone wall boundary to Mynydd y Grug Common

Approximate extent of Tip 1 & 2 (Screened)

PRoW (Restricted byway)

Tyle Crwth Wind Turbine

Mynydd y Grug Common

Mynydd y Grug Common
 Comin Mynydd y Grug
 It is an offence to take motor vehicles
 or motorcycles onto common land
 Mae'n drosedd i fync' a moduron neu
 beiriau modur i adref comin
 Please take your litter home
 Ewch a'ch sbwriel adref
 os gwelwch yn dda

Photograph Parameters Viewpoint 7:
 Location grid reference: 317117 190627
 GPS location accuracy: +/- 3m
 Horizontal field of view: 360° (cylindrical projection)
 Paper size: 841mm x 297mm (A1)
 Correct printed image size: 820mm x 250mmmm
 Camera: Canon EOS 5D Mk II, FFS
 Lens: 50mm
 Camera height: 1.5m AGL
 Date and time: 07/03/2023 11:31

100% Enlargement

TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
 Energy Recovery Investments Ltd

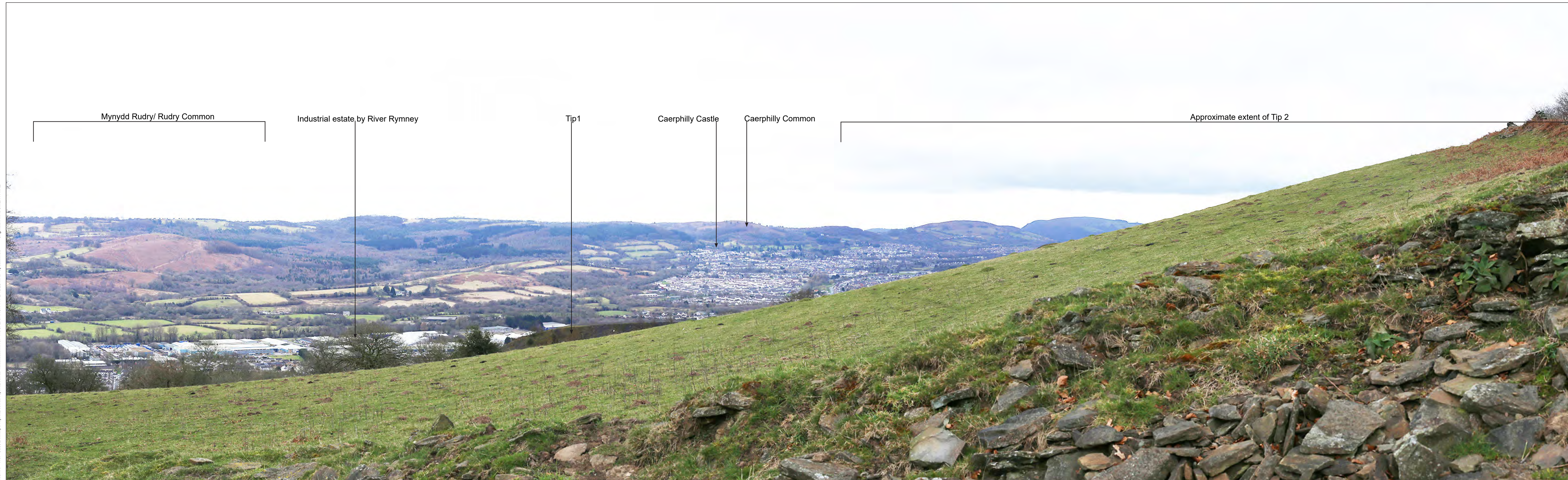
Figure 9.8
Viewpoint 7, Mynydd y Grug Common
 gateway looking to southeast

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Photograph Parameters Viewpoint 8:

| | | | |
|-----------------------------|-------------------------------|----------------|-------------------------|
| Location grid reference: | 318133 190236 | Camera: | Canon EOS 5D Mk II, FFS |
| GPS location accuracy: | +/- 2m | Lens: | 50mm |
| Horizontal field of view: | 360° (cylindrical projection) | Camera height: | 1.5m AGL |
| Paper size: | 841mm x 297mm (A1) | Date and time: | 07/03/2023 12:25 |
| Correct printed image size: | 820mm x 250mmmm | | |

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TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
Energy Recovery Investments Ltd

Figure 9.9
Viewpoint 8, side of tip / Green Lane
looking southwest

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Photograph Parameters Viewpoint 9:

| | | | |
|-----------------------------|-------------------------------|----------------|-------------------------|
| Location grid reference: | 316843 189618 | Camera: | Canon EOS 5D Mk II, FFS |
| GPS location accuracy: | +/- 1m | Lens: | 50mm |
| Horizontal field of view: | 270° (cylindrical projection) | Camera height: | 1.5m AGL |
| Paper size: | 841mm x 297mm (A1) | Date and time: | 07/03/2023 11:43 |
| Correct printed image size: | 820mm x 250mm | | |

100% Enlargement

TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
Energy Recovery Investments Ltd

Figure 9.10
Viewpoint 9, Meadow Croft on Mountain
Road looking north-east

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Orchard House

Approximate extent of Tip 2 (Screened)

Approximate extent of Tip 1 (Screened)

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Photograph Parameters Viewpoint 10:

| | | | |
|-----------------------------|-------------------------------|----------------|-------------------------|
| Location grid reference: | 315604 189150 | Camera: | Canon EOS 5D Mk II, FFS |
| GPS location accuracy: | +/- 1m | Lens: | 50mm |
| Horizontal field of view: | 270° (cylindrical projection) | Camera height: | 1.5m AGL |
| Paper size: | 841mm x 297mm (A1) | Date and time: | 07/03/2023 10:33 |
| Correct printed image size: | 820mm x 250mm | | |

100% Enlargement

TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
Energy Recovery Investments Ltd

Figure 9.11
Viewpoint 10, Pandy Road looking
northeast

January 2024





Photograph Parameters Viewpoint 11:
 Location grid reference: 317084 188811
 GPS location accuracy: +/- 1m
 Horizontal field of view: 180° (cylindrical projection)
 Paper size: 841mm x 297mm (A1)
 Correct printed image size: 820mm x 250mm

Camera: Canon EOS 5D Mk II, FFS
 Lens: 50mm
 Camera height: 1.5m AGL
 Date and time: 07/03/2023 12:05

100% Enlargement

TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
 Energy Recovery Investments Ltd

Figure 9.12
Viewpoint 11, Bedwas Park, Bedwas
 looking north

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Photograph Parameters Viewpoint 12:
 Location grid reference: 318093 188952
 GPS location accuracy: +/- 1m
 Horizontal field of view: 270° (cylindrical projection)
 Paper size: 841mm x 297mm (A1)
 Correct printed image size: 820mm x 250mmmm
 Camera: Canon EOS 5D Mk II, FFS
 Lens: 50mm
 Camera height: 1.5m AGL
 Date and time: 07/03/2023 14:28

100% Enlargement

TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
 Energy Recovery Investments Ltd

Figure 9.13
Viewpoint 12, Junction of Navigation
Street, Llanfabon Drive and Standard
Street looking north-west

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Bridge over Red Brook

Approximate extent of Tip 2

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Photograph Parameters Viewpoint 13:
 Location grid reference: 319034 189039
 GPS location accuracy: +/- 1m
 Horizontal field of view: 270° (cylindrical projection)
 Paper size: 841mm x 297mm (A1)
 Correct printed image size: 820mm x 250mmmm
 Camera: Canon EOS 5D Mk II, FFS
 Lens: 50mm
 Camera height: 1.5m AGL
 Date and time: 07/03/2023 15:12

100% Enlargement

TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
 Energy Recovery Investments Ltd

Figure 9.14
Viewpoint 13, Cycleway (Power railway)
 looking northwest

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Photograph Parameters Viewpoint 14:
Location grid reference: 318167 187487
GPS location accuracy: +/- 1m
Horizontal field of view: 270° (cylindrical projection)
Paper size: 841mm x 297mm (A1)
Correct printed image size: 820mm x 250mmmm
Camera: Canon EOS 5D Mk II, FFS
Lens: 50mm
Camera height: 1.5m AGL
Date and time: 06/03/2023 17:02

100% Enlargement

TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
Energy Recovery Investments Ltd

Figure 9.15
Viewpoint 14, PRoW, Rudry Common
looking north

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Photograph Parameters Viewpoint 15:

| | | | |
|-----------------------------|-------------------------------|----------------|-------------------------|
| Location grid reference: | 315633 187240 | Camera: | Canon EOS 5D Mk II, FFS |
| GPS location accuracy: | +/- 1m | Lens: | 50mm |
| Horizontal field of view: | 360° (cylindrical projection) | Camera height: | 1.5m AGL |
| Paper size: | 841mm x 297mm (A1) | Date and time: | 06/03/2023 16:12 |
| Correct printed image size: | 820mm x 250mmmm | | |

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TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
Energy Recovery Investments Ltd

Figure 9.16
Viewpoint 15, Caerphilly Castle, Caerphilly
looking north-west

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Photograph Parameters Viewpoint 16:
Location grid reference: 318553 186603
GPS location accuracy: +/- 1.5m
Horizontal field of view: 270° (cylindrical projection)
Paper size: 841mm x 297mm (A1)
Correct printed image size: 820mm x 250mmmm
Camera: Canon EOS 5D Mk II, FFS
Lens: 50mm
Camera height: 1.5m AGL
Date and time: 06/03/2023 16:04

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TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
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Figure 9.17
Viewpoint 16, Van Road, Rudry Common
looking north-west

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Photograph Parameters Viewpoint 17:

| | | | |
|-----------------------------|-------------------------------|----------------|-------------------------|
| Location grid reference: | 3153111 185600 | Camera: | Canon EOS 5D Mk II, FFS |
| GPS location accuracy: | +/- 2m | Lens: | 50mm |
| Horizontal field of view: | 270° (cylindrical projection) | Camera height: | 1.5m AGL |
| Paper size: | 841mm x 297mm (A1) | Date and time: | 06/03/2023 15:17 |
| Correct printed image size: | 820mm x 250mm | | |

100% Enlargement

TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
Energy Recovery Investments Ltd

Figure 9.18
Viewpoint 17, Caerphilly Common looking
north-east

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Photograph Parameters Viewpoint 18:

| | | | |
|-----------------------------|-------------------------------|----------------|-------------------------|
| Location grid reference: | 316583 188495 | Camera: | Canon EOS 5D Mk II, FFS |
| GPS location accuracy: | +/- 1m | Lens: | 50mm |
| Horizontal field of view: | 180° (cylindrical projection) | Camera height: | 1.5m AGL |
| Paper size: | 841mm x 297mm (A1) | Date and time: | 06/03/2023 12:29pm |
| Correct printed image size: | 820mm x 250mm | | |

100% Enlargement

TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
Energy Recovery Investments Ltd

Figure 9.19
Viewpoint 18, Parc Bedwas, Northover Drive Industrial Estate, Bedwas looking north-east

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Mynydd y Grug Common, Deposition Area (Screened)

Approximate extent of Tip 1 & 2

Properties on Bryn Close



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Photograph Parameters Viewpoint 19:

| | | | |
|-----------------------------|-------------------------------|----------------|-------------------------|
| Location grid reference: | 317537 188748 | Camera: | Canon EOS 5D Mk II, FFS |
| GPS location accuracy: | +/- 2m | Lens: | 50mm |
| Horizontal field of view: | 180° (cylindrical projection) | Camera height: | 1.5m AGL |
| Paper size: | 841mm x 297mm (A1) | Date and time: | 07/03/2023 13:58pm |
| Correct printed image size: | 820mm x 250mmmm | | |

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TYPE 1 VISUALISATION

Bedwas Tip Reclamation Project
Energy Recovery Investments Ltd

Figure 9.20
Viewpoint 19, PRoW, Bedwas High School
Car Park looking north

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