



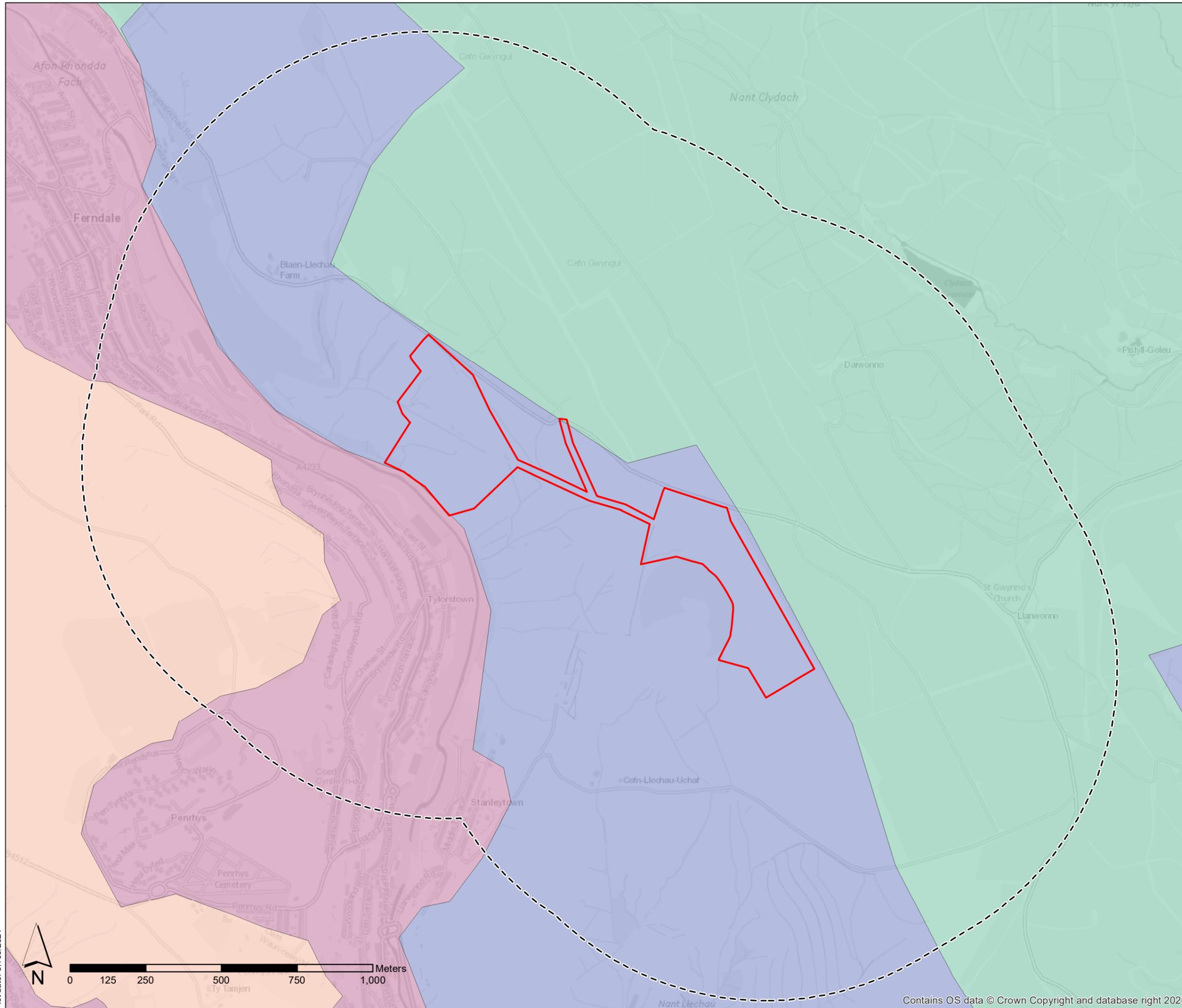
Tylorstown Landslide Plans

Series 8 Landscape and Visual Effects
December 2021



V2-S08-0001

Landscape Character Areas – Local



KEY:
 Red line boundary
 1km Buffer

Landscape Character Areas
 Hillside and Scarp Slopes Valley West
 Urban
 Wooded Upland Plateaux
 Hillside and Scarp Slopes Valley East

02	SH	NH	RT	For Issue	07/09/2021
01	SH	NH	RT	For Issue	11/05/2021
01.3	SH	NH	RT	Project title amended	17/03/2021
01.2	SH	TC	NH	BIM reference added	18/02/2021
01.1	SH	TC	NH	Created	23/11/2020
Rev	Drawn	Chk'd	App'd	Description	Date

Purpose of Issue
S4 - Issued for Planning

Classification
Public

Client
**Rhondda Cynon Taf
 County Borough Council**

Project
Tylorstown Landslip Phase 4

Drawing
Landscape Character Areas

EIA Drawing Ref
V2-S08-0001

Scale @ A3	Drawn	Checked	Approved
1:12,000	SH	NH	RT

Project No
CS100303

Date
07/09/2021

Drawing Identifier
 Project - Originator - Zone - Level - FileType - Role - Number Revision
GC3613-RED-61-XX-DR-L-0002 P02



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www.redstartwales.com

Plot date: 07/09/2021

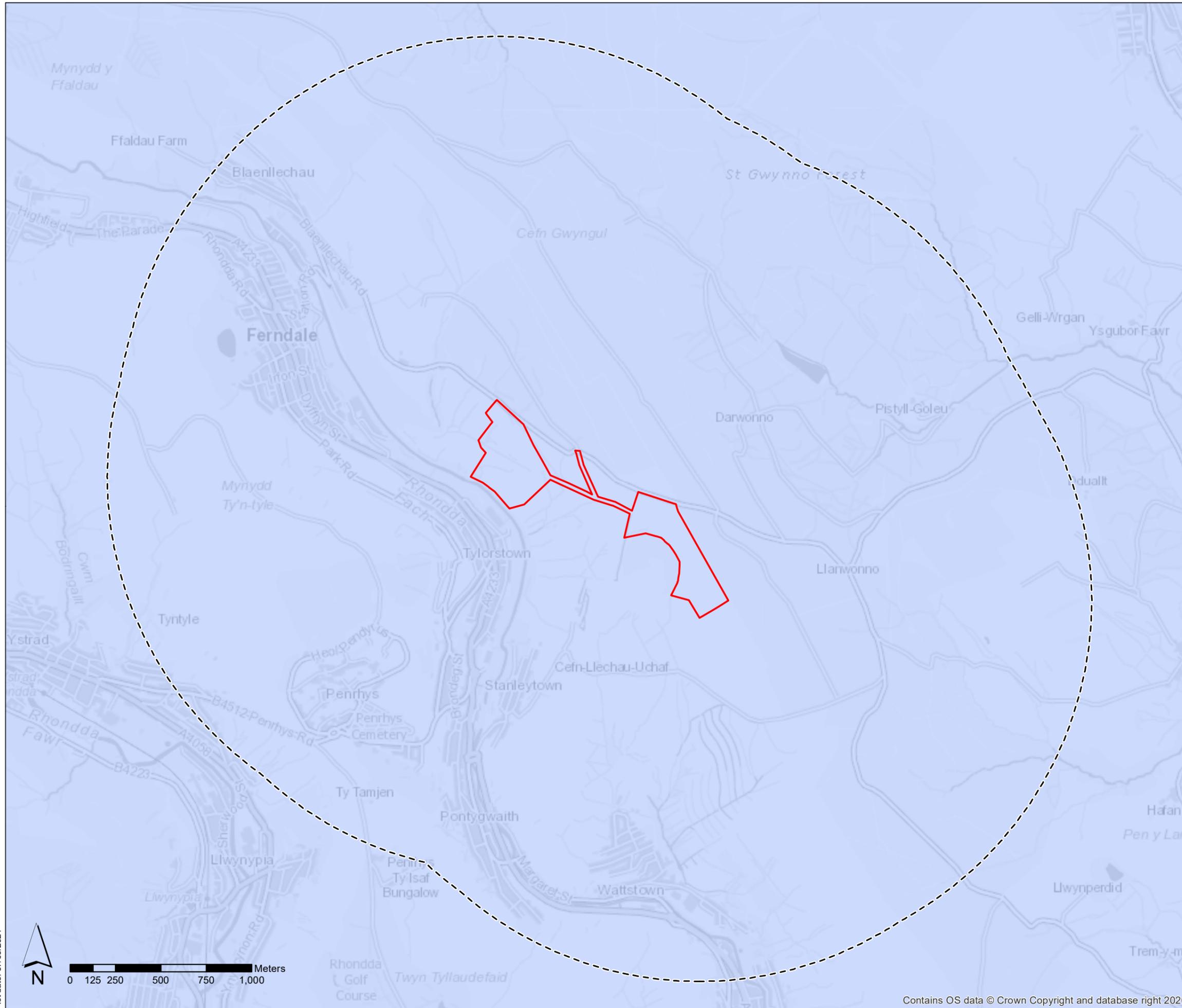


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V2-S08-0002

Landscape Character Areas – National



KEY:
 Red line boundary
 1km Buffer
National Character Areas
 Dyffrynnoedd y De/South Wales Valleys

02	SH	NH	RT	For Issue	07/09/2021
01	SH	NH	RT	For Issue	11/05/2021
01.3	SH	NH	RT	Project title amended	17/03/2021
01.2	SH	TC	NH	BIM reference added	18/02/2021
01.1	SH	TC	NH	Created	23/11/2020
Rev	Drawn	Chk'd	App	Description	Date

Purpose of Issue
S4 - Issued for Planning

Classification
Public

Client
**Rhondda Cynon Taf
 County Borough Council**

Project
Tylorstown Landslip Phase 4

Drawing
Landscape Character Areas - National

EIA Drawing Ref
V2-S08-0002

Scale @ A3	Drawn	Checked	Approved
1:20,000	SH	NH	RT

Project No	Date
CS100303	07/09/2021

Drawing Identifier
 Project - Originator - Zone - Level - FileType - Role - Number Revision
GC3613-RED-61-XX-DR-L-0003 P02



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Plot date: 07/09/2021

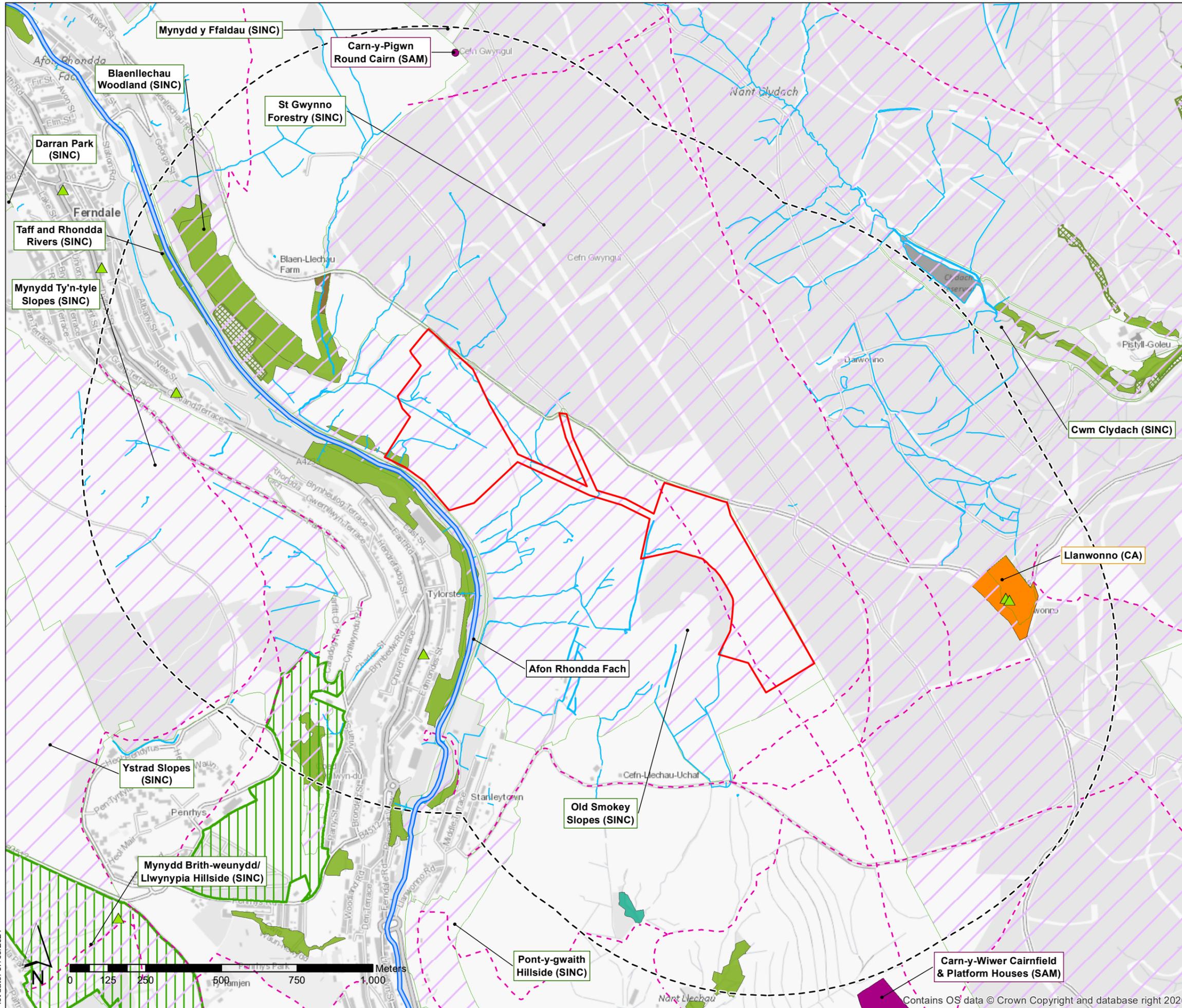


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V2-S08-0003

Environmental Constraints



KEY:

- Red line boundary
- 1km Buffer
- Sites of Importance for Nature Conservation (SINC)
- Green Wedge Region
- Ancient Woodland Inventory**
- Ancient Semi Natural Woodland
- Ancient Woodland Site of Unknown Category
- Plantation on Ancient Woodland Site
- Restored Ancient Woodland Site
- Main River
- Minor watercourses / drains
- Scheduled Ancient Monuments (SAM)
- Conservation Areas (CA)
- Listed Buildings**
- ▲ Grade I
- ▲ Grade II*
- ▲ Grade II
- Public Rights of Way

Rev	Drawn	Chkd	App'd	Description	Date
02	SH	NH	RT	For Issue	07/09/2021
01	SH	NH	RT	For Issue	11/05/2021
01.4	SH	NH	RT	Project title amended	17/03/2021
01.3	SH	NH	PH	Labels added/key amended	18/02/2021
01.2	SH	NH	PH	Data/key amended	21/10/2020
01.1	SH	NH	XX	Created	15/10/2020

Purpose of Issue
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 County Borough Council**

Project
Tylorstown Landslip Phase 4

Drawing
Environmental Constraints

EIA Drawing Ref
V2-S08-0003

Scale @ A3	Drawn	Checked	Approved
1:12,000	SH	NH	RT

Project No	Date
CS100303	07/09/2021

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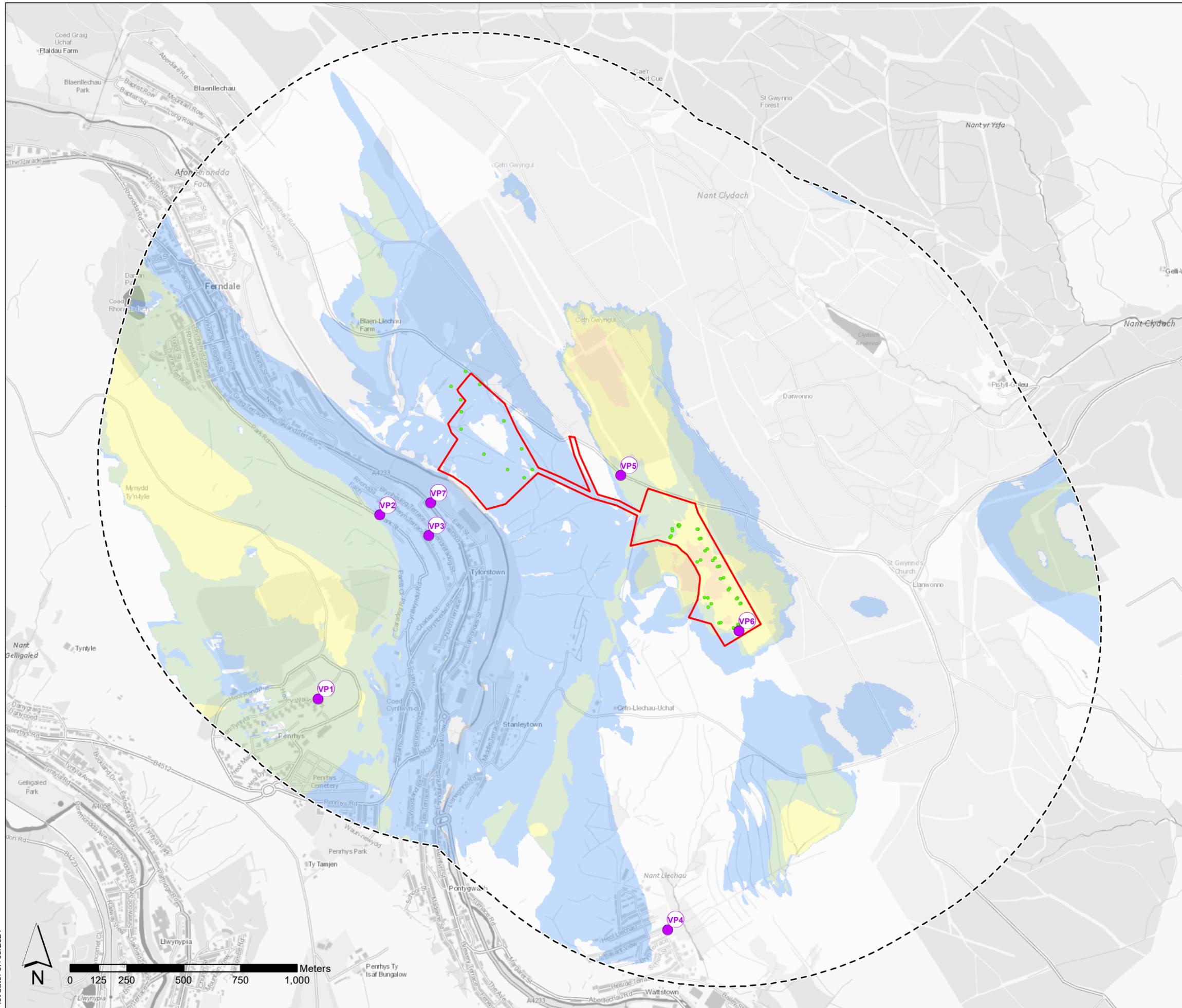
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Plot date: 07/09/2021



V2-S08-0004

Zone of Theoretical Visibility – Bare Earth



KEY:
 [Dashed line] 1.5km buffer
 [Green dot] Spot Heights

Zones of Theoretical Visibility (Bare Earth)

% of spot heights visible

- [White box] Not Visible
- [Light blue box] up to 20% Visible
- [Light green box] 20 - 40% Visible
- [Yellow box] 40 - 60% Visible
- [Orange box] 60 - 80% Visible
- [Red box] 80 - 100% Visible
- [Purple dot] Viewpoints

1. This ZTV has been prepared to good practice guidelines (SNH, 2006). It is intended 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 and other surface features have not been accounted for.
4. Calculations based on the theoretic visibility of 54 spot heights set at intervals along the proposed scheme.
5. Observer height set to 2m above ground level.
6. Calculated from DTM data supplied by <https://environment.data.gov.uk/> at a 2m posting.
7. DTM coverage limited up to 1.5km unless otherwise indicated.
8. Calculations adjusted to account for the earth's curvature and effects of light refraction.
9. Calculations limited to a distance of 1.5km.
10. ZTVs calculated by software (ESRI ArcGIS Spatial Analyst) that does not use mathematically approximate methods.

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02	SH	NH	RT	For Issue	07/09/2021
01	SH	NH	RT	For Issue	11/05/2021
01.4	SH	NH	RT	Project title amended	17/03/2021
01.3	SH	TC	NH	Viewpoints amended	18/02/2021
01.2	SH	TC	NH	Viewpoints added	24/11/2020
01.1	SH	TC	NH	Created	18/11/2020

Purpose of Issue
S4 - Issued for Planning

Classification
Public

Client
**Rhondda Cynon Taf
 County Borough Council**

Project
Tylorstown Landslip Phase 4

Drawing
**Zones of Theoretical Visibility
 (Bare Earth) 1.5km**

EIA Drawing Ref
V2-S08-0004

Scale @ A3	Drawn	Checked	Approved
1:16,000	SH	NH	RT

Project No	Date
CS100303	07/09/2021

Drawing Identifier
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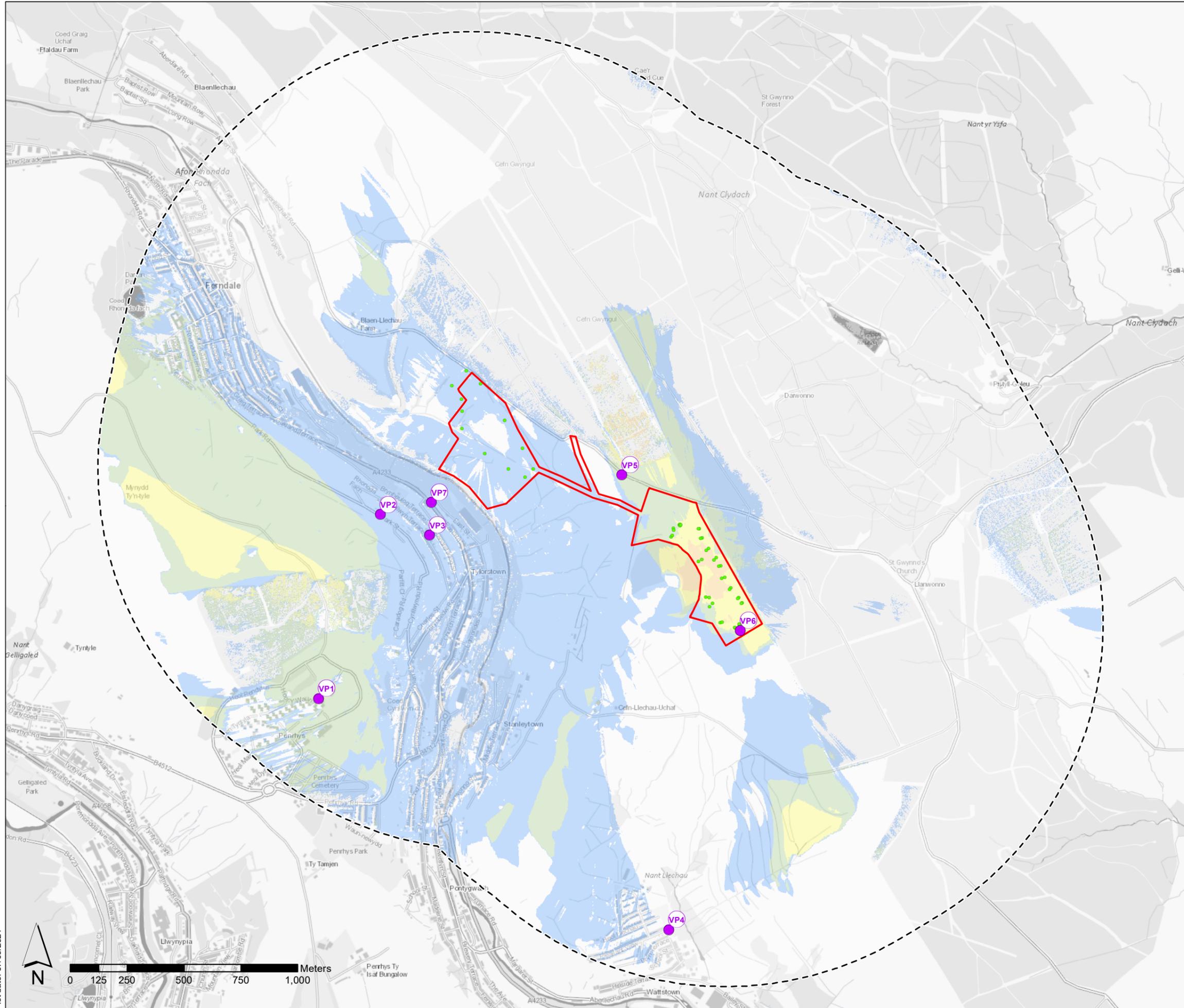
Plot date: 07/09/2021





V2-S08-0005

Zone of Theoretical Visibility – Surface Features



KEY:

- 1.5km buffer
- Spot Heights

Zones of Theoretical Visibility (Surface Features)

% of spot heights visible

- Not Visible
- up to 20% Visible
- 20 - 40% Visible
- 40 - 60% Visible
- 60 - 80% Visible
- 80 - 100% Visible
- Viewpoints

- This ZTV has been prepared to good practice guidelines (SNH, 2006). It is intended to show potential theoretical visibility only and should not be viewed as an indication of the significance or magnitude of visual impacts.
- The effects of weather and atmospheric conditions in reducing visual range have not been accounted for.
- The screening effects of vegetation and other surface features have been accounted for.
- Calculations based on the theoretic visibility of 54 spot heights set at intervals along the proposed scheme.
- Observer height set to 2m above ground level.
- Calculated from DSM data supplied by <https://environment.data.gov.uk/> at a 2m posting.
- DSM coverage limited up to 1.5km unless otherwise indicated.
- Calculations adjusted to account for the earth's curvature and effects of light refraction.
- Calculations limited to a distance of 1.5km.
- ZTVs calculated by software (ESRI ArcGIS Spatial Analyst) that does not use mathematically approximate methods.

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Purpose of Issue
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Classification
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Client
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 County Borough Council**

Project
Tylorstown Landslip Phase 4

Drawing
**Zones of Theoretical Visibility
 (Surface Features) 1.5km**

EIA Drawing Ref
V2-S08-0005

Scale @ A3	Drawn	Checked	Approved
1:16,000	SH	NH	RT

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CS100303	07/09/2021

Drawing Identifier
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