

Figure 6.1: Historic assets within 1 km of the Site

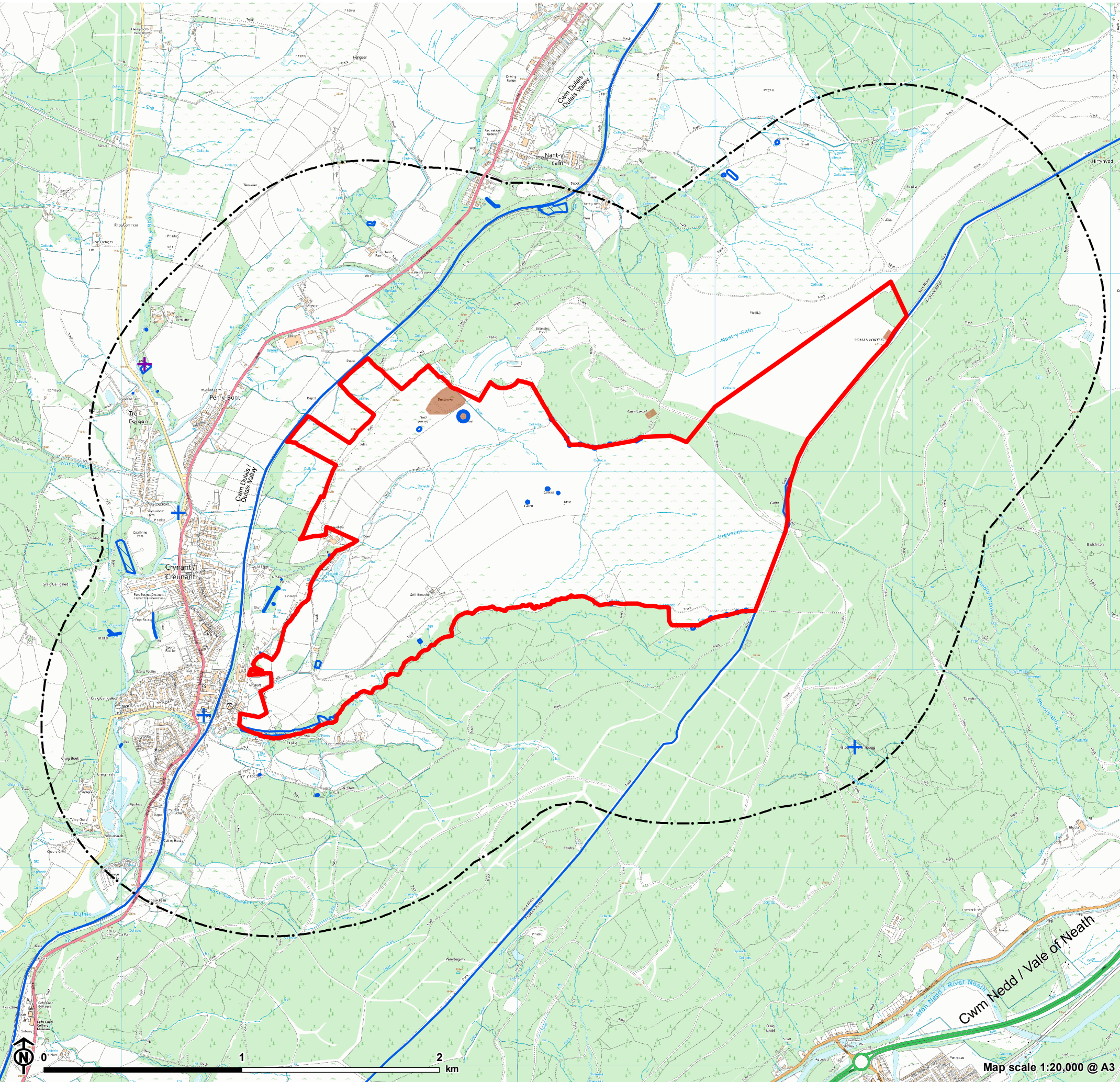
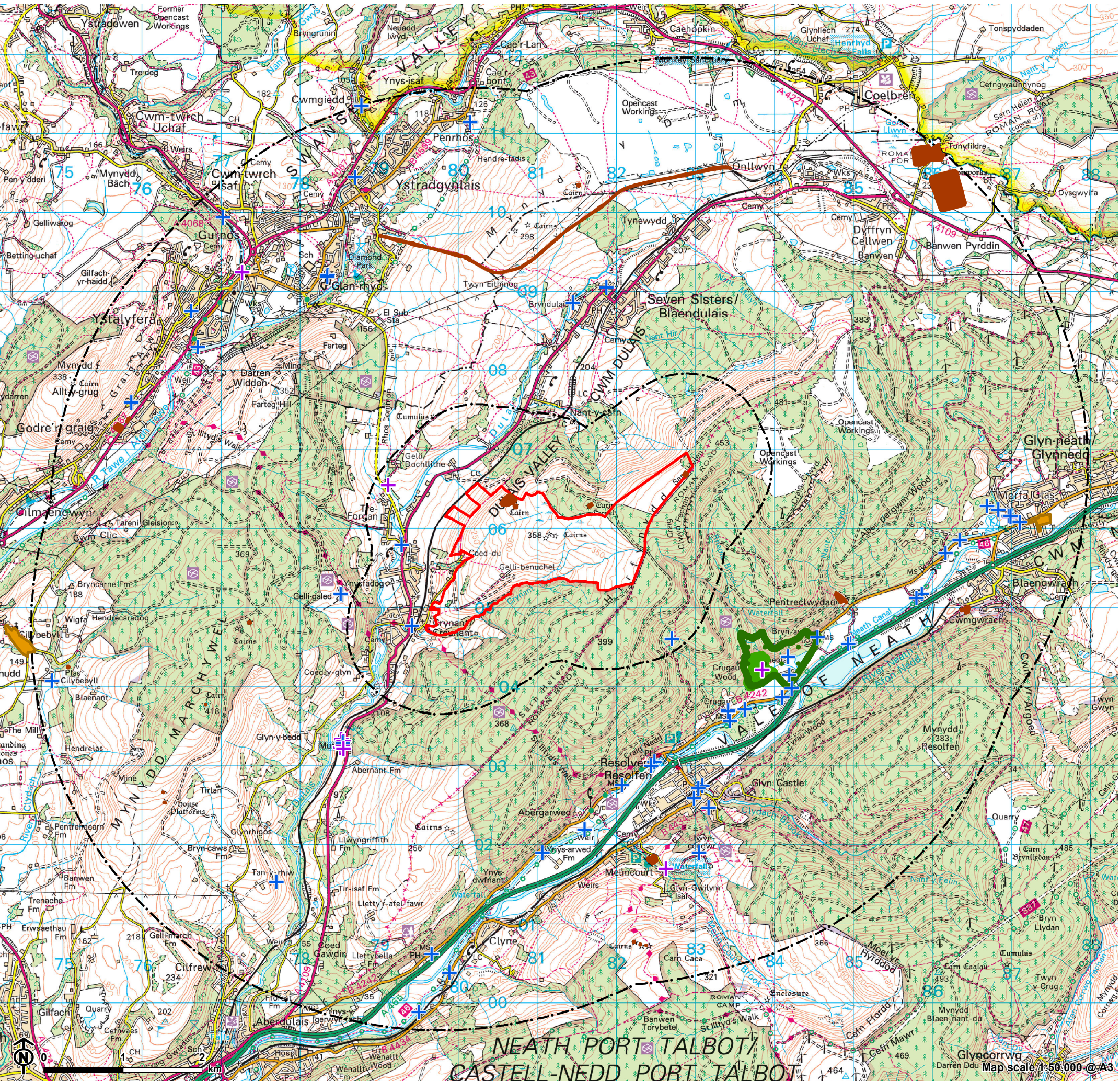
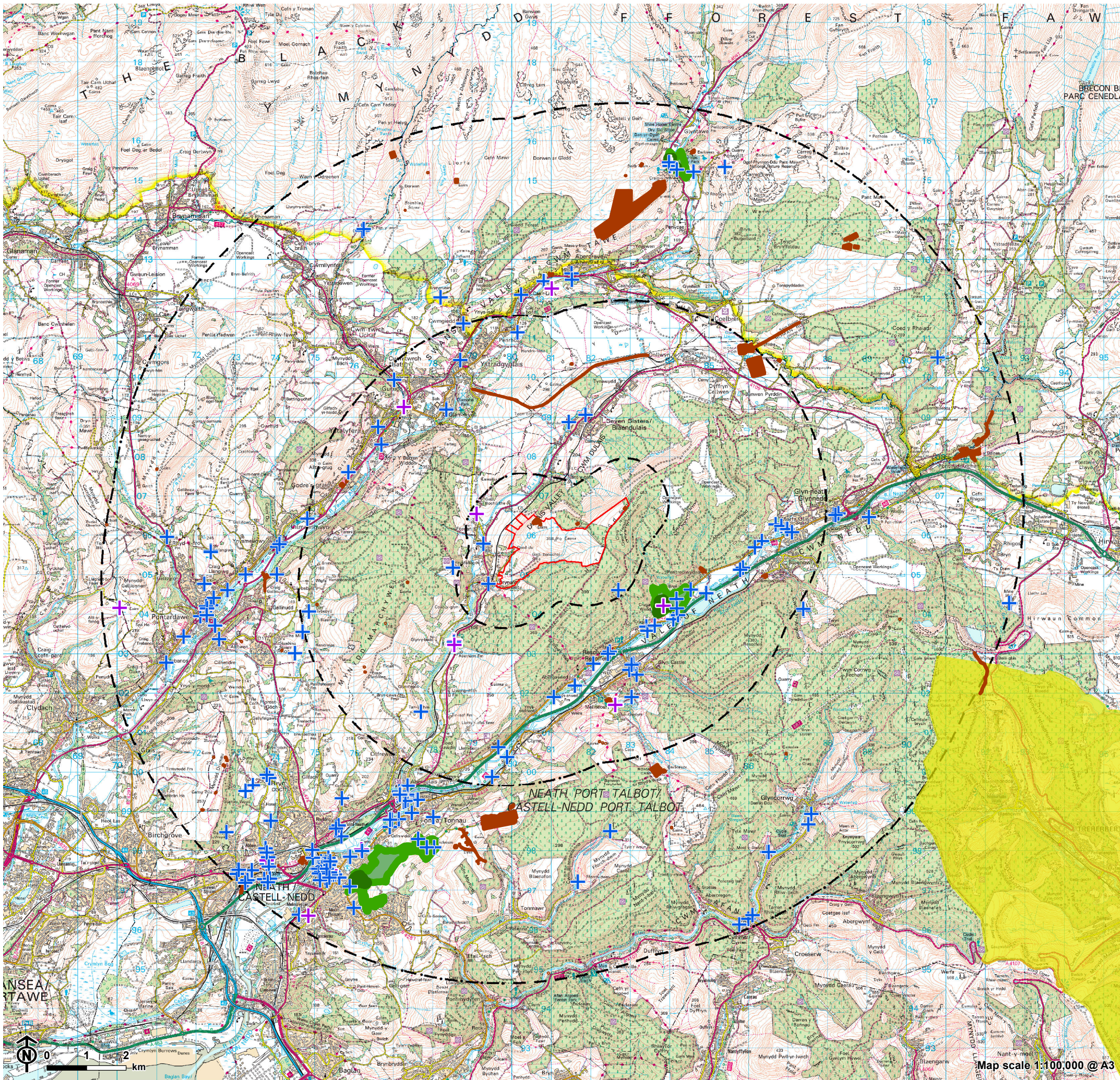


Figure 6.2: Designated historic assets within 5 km of the Site



- Grade II* Listed Building
- Grade II Listed Building
- Scheduled Monument
- Conservation Area
- Registered Park
- Garden
- Site
- 1 km Buffer
- 5 km Buffer

0 10 20
km



Hirfynydd Renewable Energy Park Scoping Report

for EDF Renewables

Figure 6.3: Designated historic assets within 10 km of the Site

- Grade I Listed Building
- Grade II* Listed Building
- Grade II Listed Building
- Scheduled Monument
- Registered Park
- Garden
- Registered Historic Landscape
- Site
- 1 km Buffer
- 5 km Buffer
- 10 km Buffer

01020

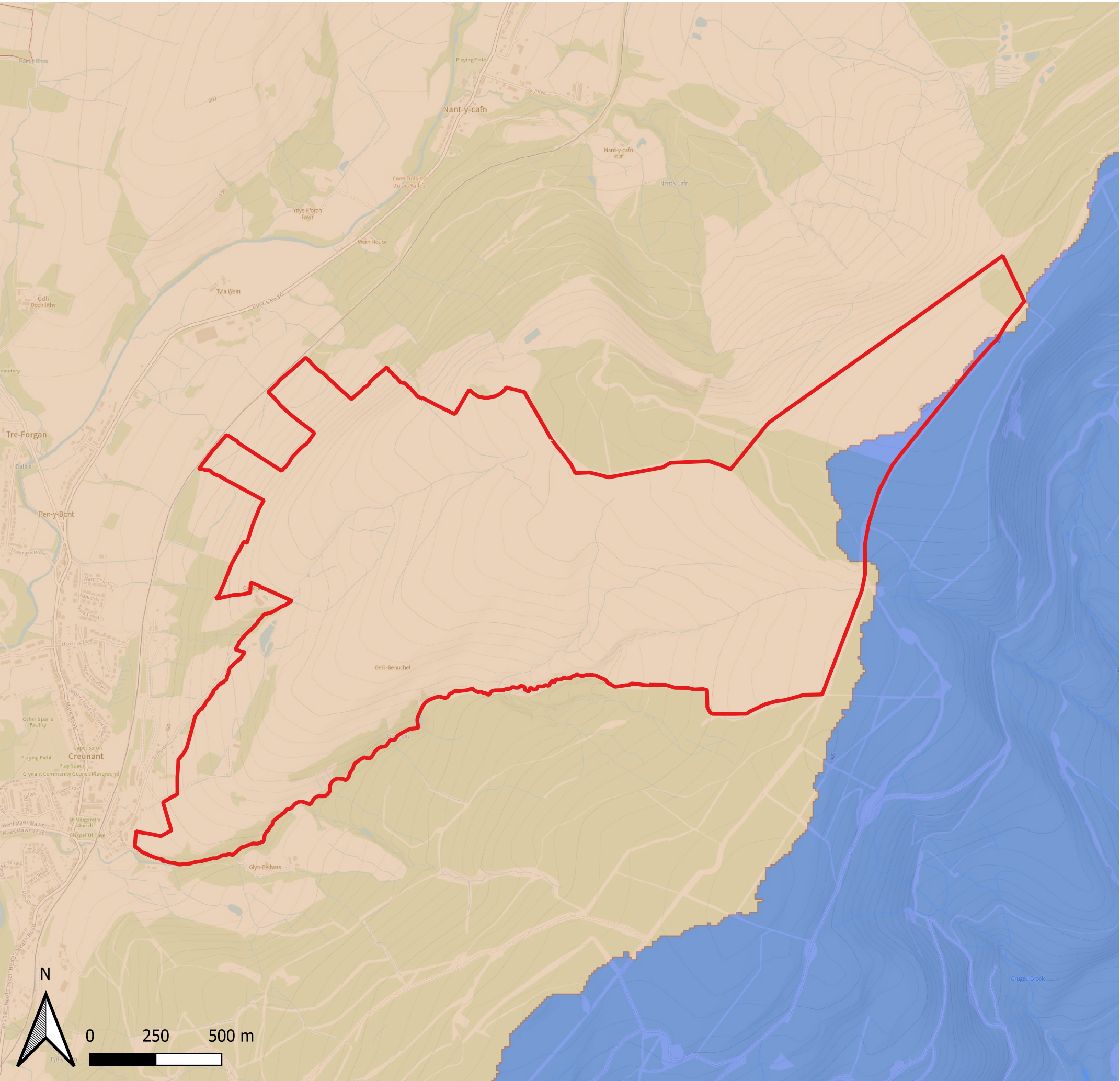
km

Map scale 1:100,000 @ A3

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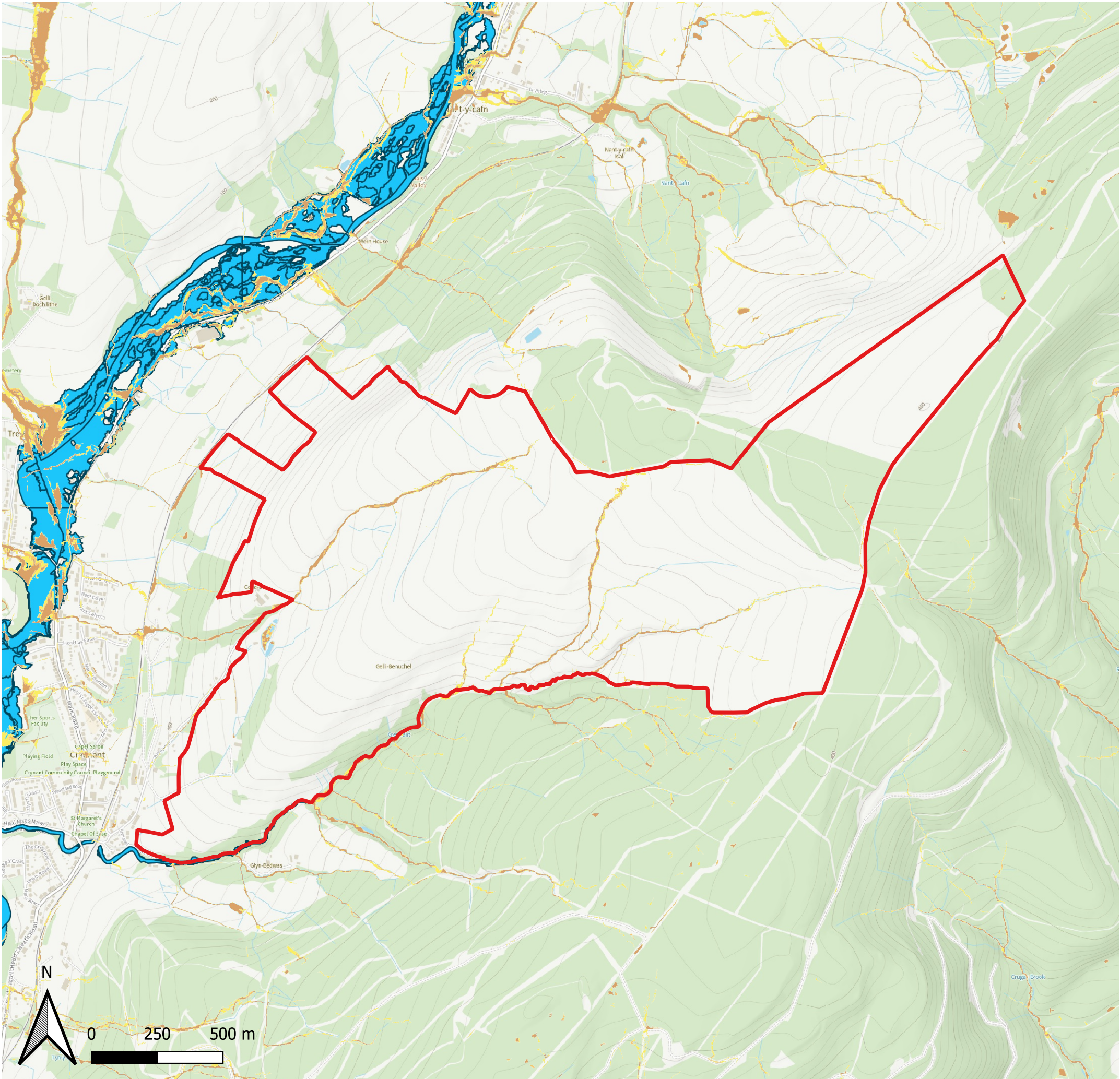
CB:AHB EB:Andrew.Brown LUC 12065 Hirfynydd Figure 6.3_v5.0_13102022 14/10/2022
Source: OS, EDF

Figure 7.1: River Catchments



-  Site Boundary
-  Dulais - headwater to confluence with River Neath
-  Neath - confluence with Nedd Fechan and Mellte to tidal limit

Figure 7.2: Pluvial and Fluvial Flood Risk



- Site Boundary
- Fluvial Flood Risk
- Surface Water Extent (3.3%AEP)
- Surface Water Extent (1%AEP)
- Surface Water Extent (0.1%AEP)

Figure 7.3: Peat Depths

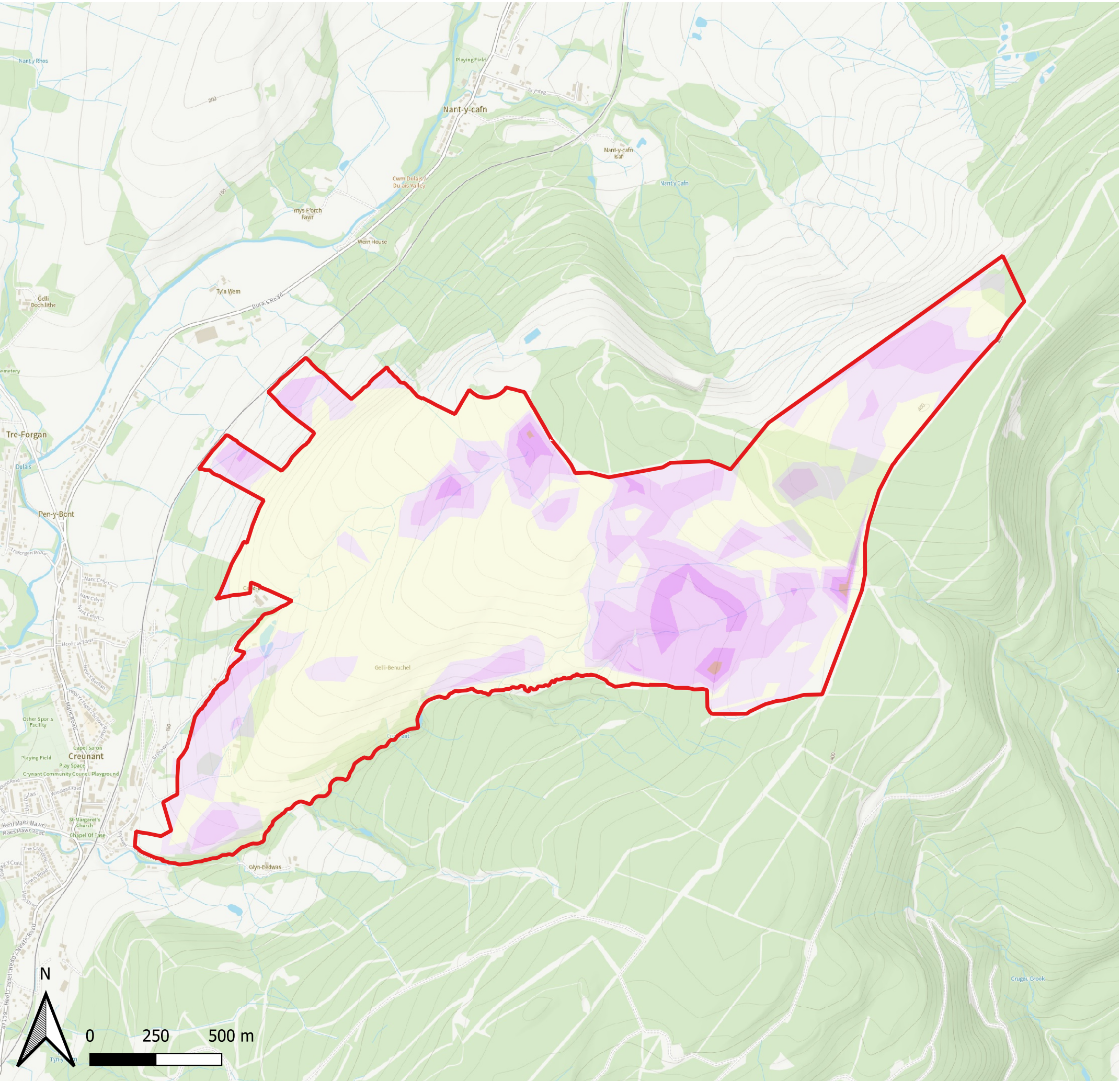
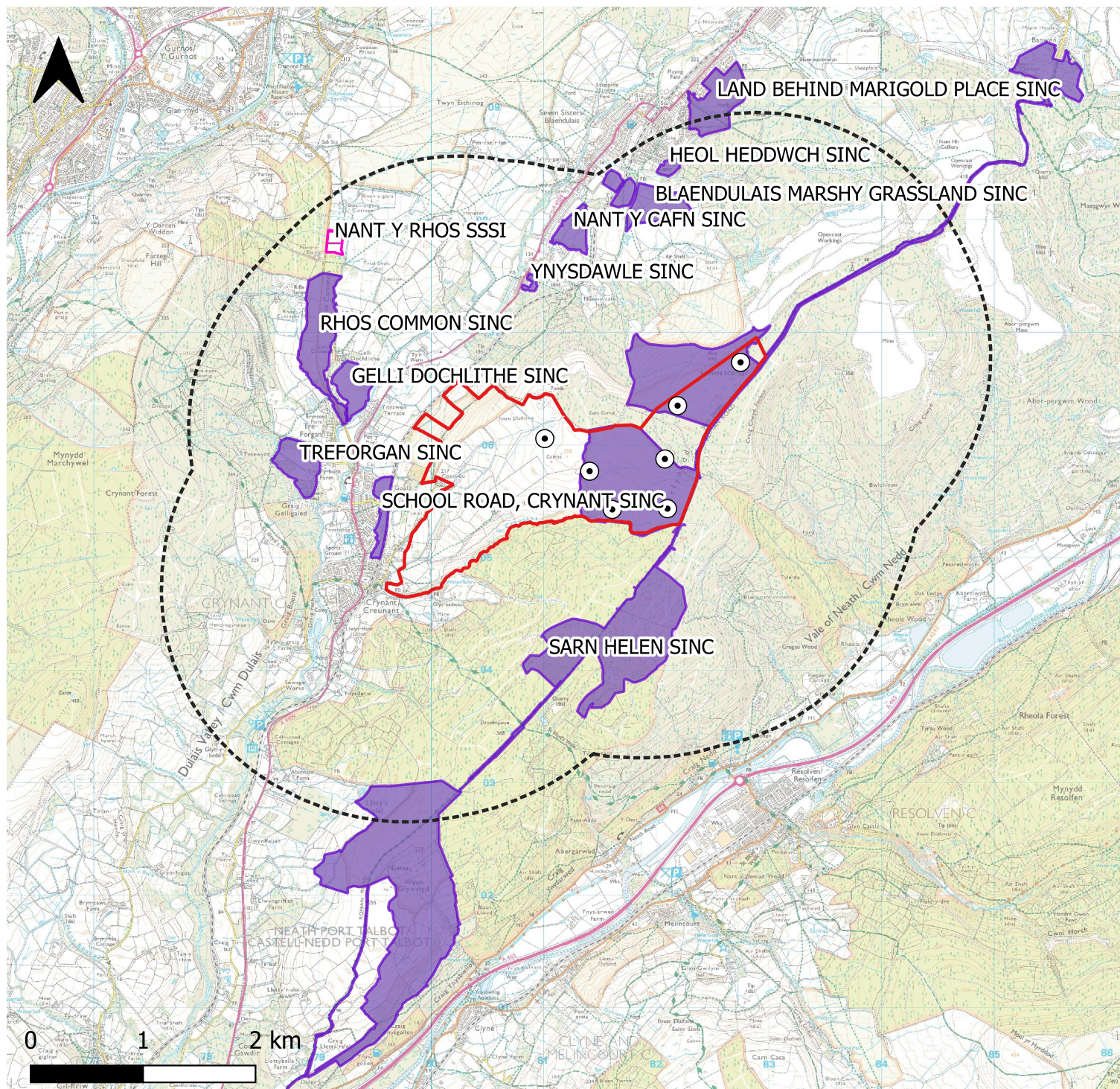


Figure 8.1: Designated Sites

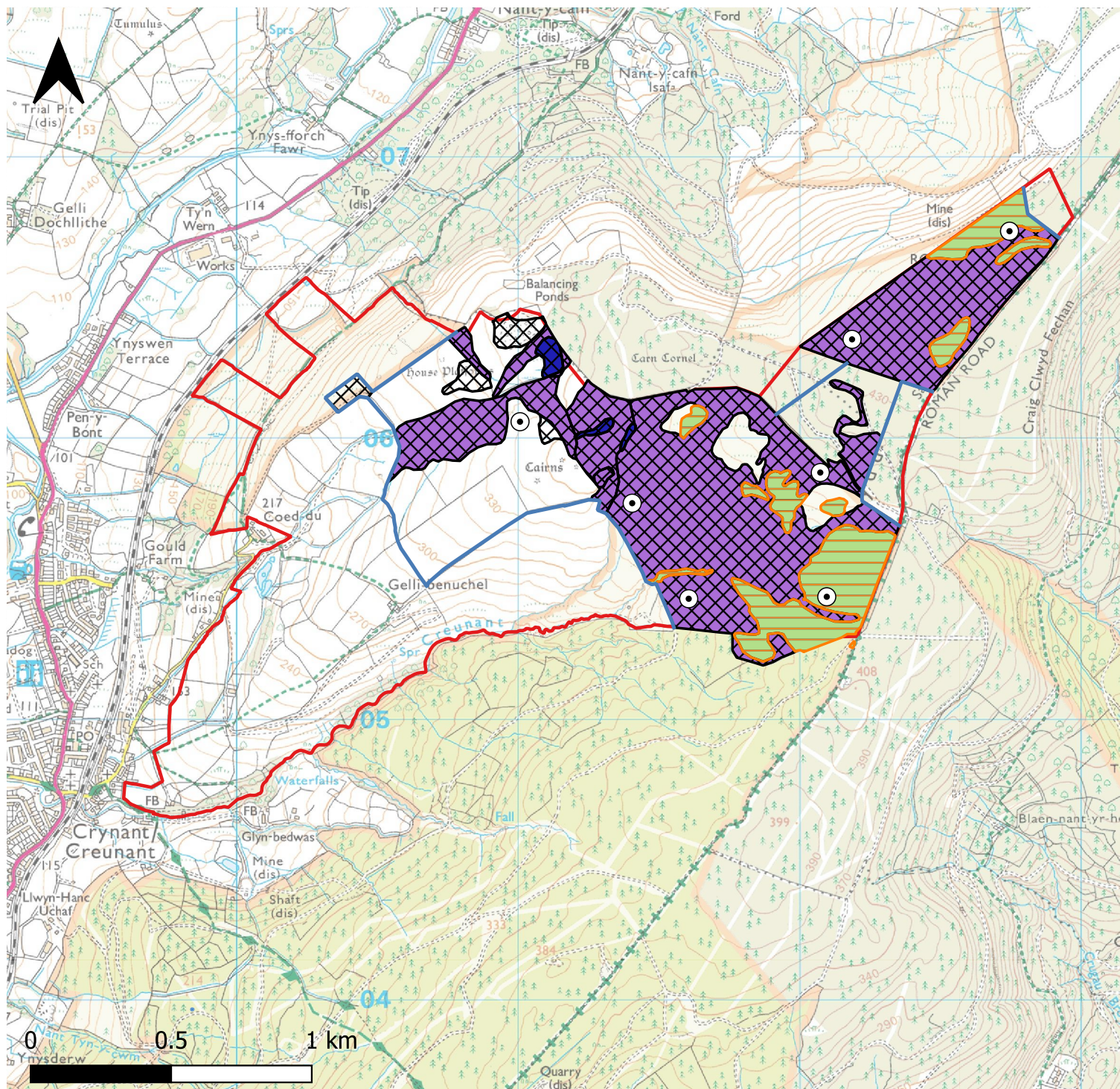


Legend

- Site Boundary
- Turbine Layout
- 2 km Site Buffer
- Sites of Special Scientific Interest (SSSI)
- Sites of Importance for Nature Conservation (SINC)



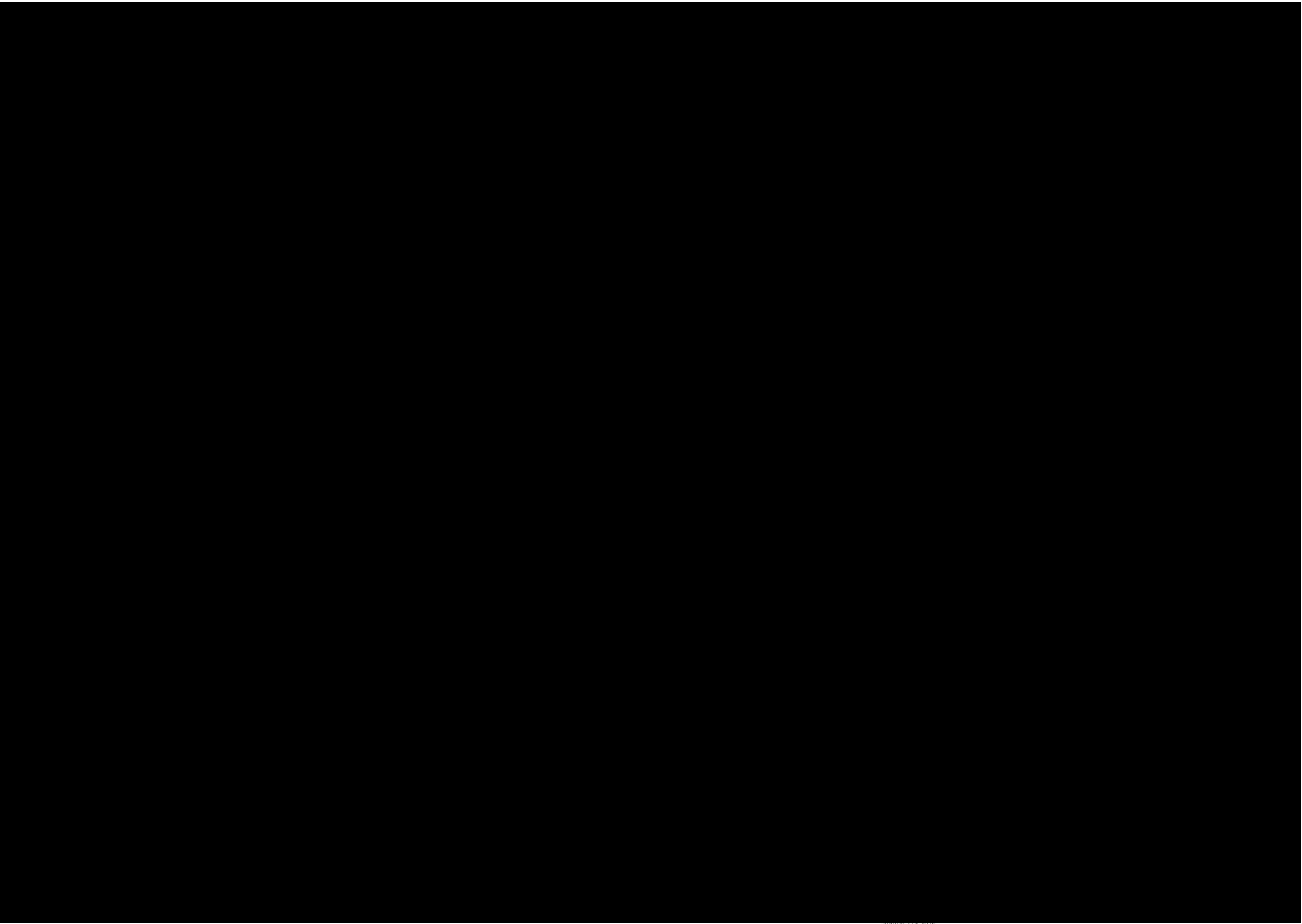
Figure 8.2: Habitats



Legend

- Site Boundary
- Turbine Layout
- 2021 Phase 1 Habitat Survey Boundary
- Groundwater Dependent Terrestrial Ecosystems
- Annex I Habitat**
- 4030 European dry heaths
- Section 7 Habitats of Principal Importance (HPI)**
- Ponds
- Purple Moor Grass and Rush Pastures
- Upland Flushes, Fens, and Swamps
- Upland Heathland





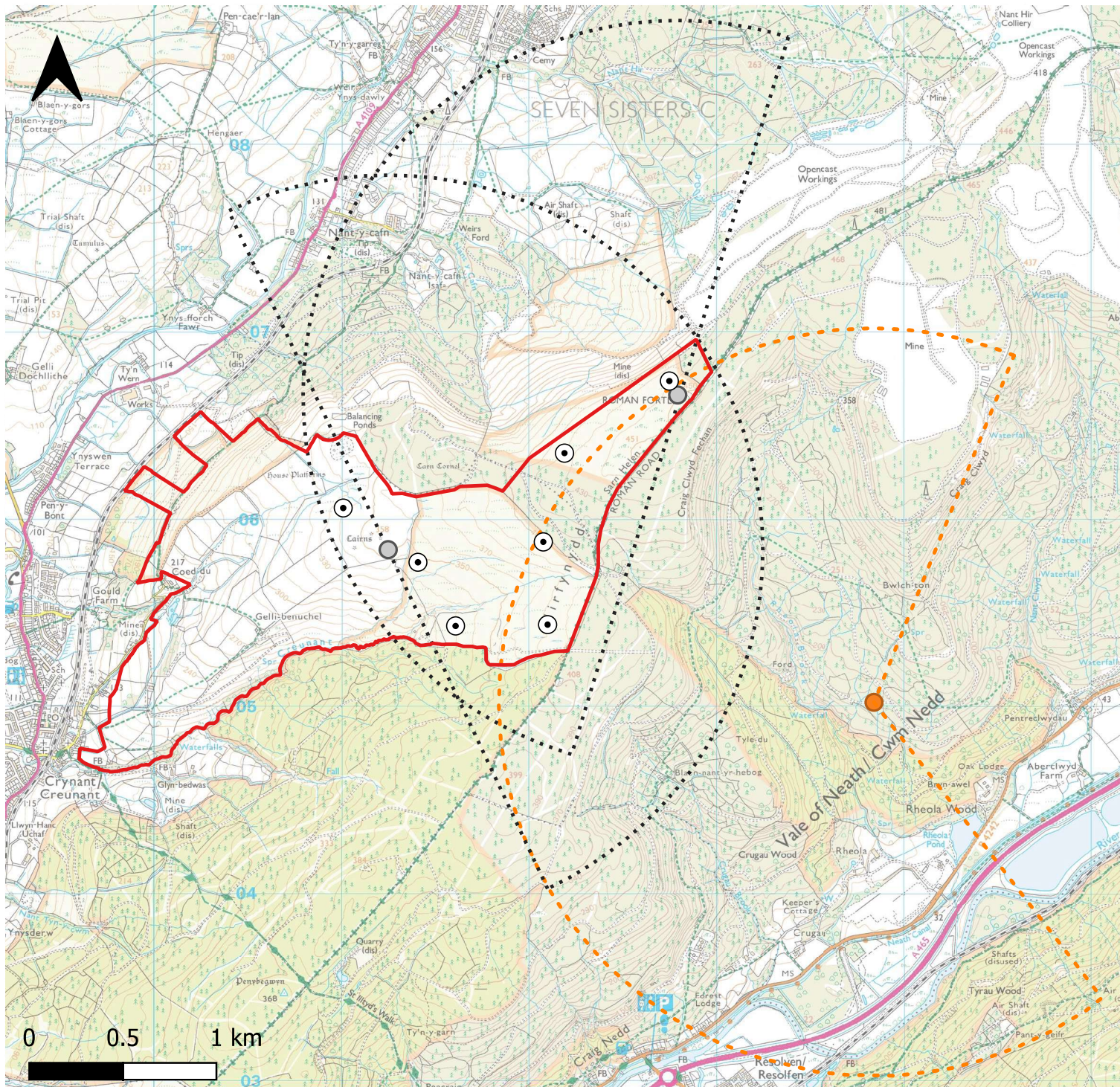


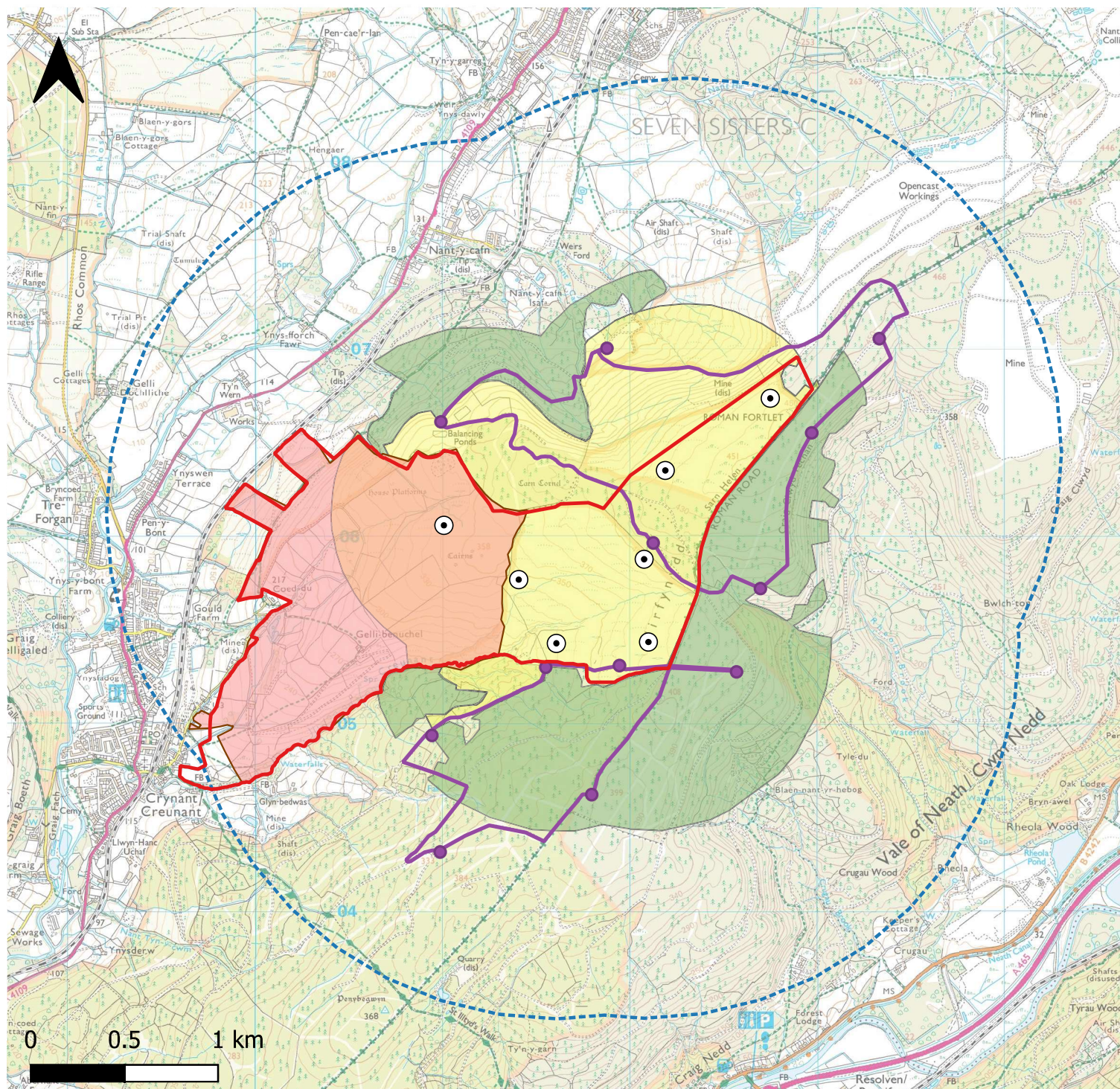
Figure 9.1: VP Locations

Legend

- Site Boundary
- Proposed Turbine Locations
- VP Locations
- VP Viewsheds (2 km Arc)
- Honey Buzzard VP Location
- Honey Buzzard VP Viewshed (2 km Arc)



Figure 9.2: Bird Survey Area



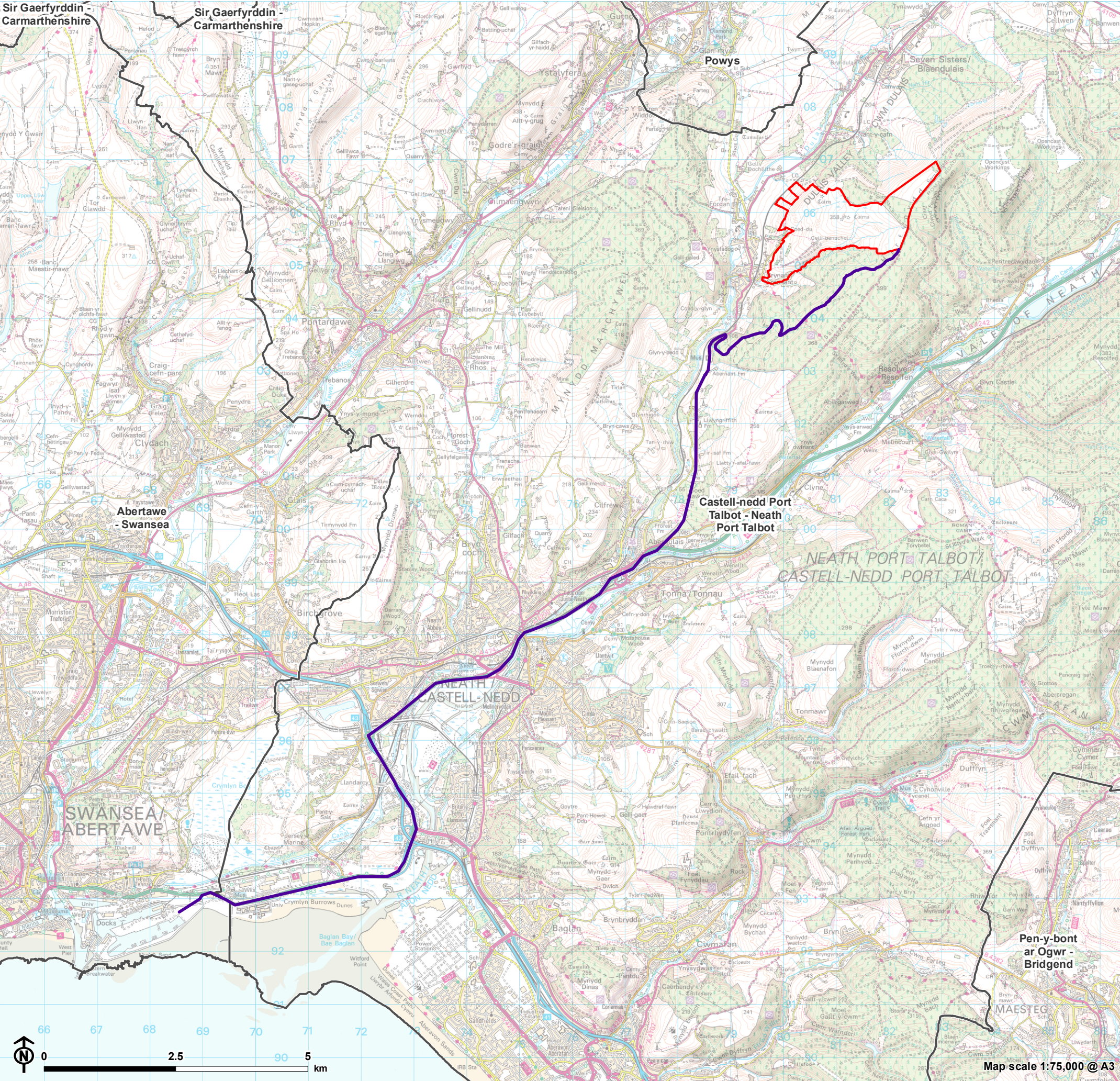


Figure 11.1: Transport Route to Site

- Site boundary
- Local Authority boundary
- Route from Swansea Docks to the Site Entrance

Figure 12.1: Socio-Economic Study Area

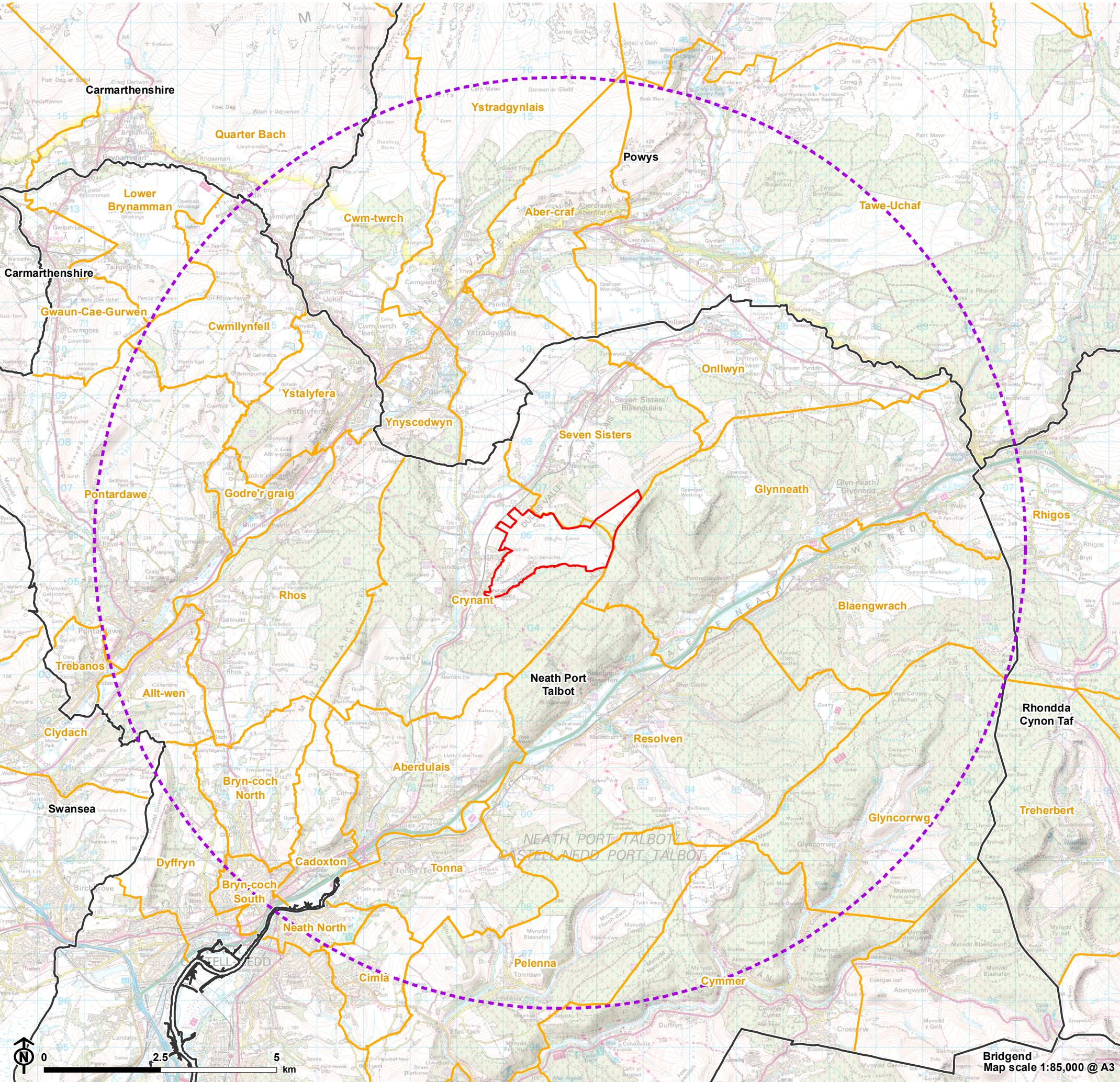


Figure 13.1 Airspace in the Vicinity of the Site (CAA 1:500K Aviation Chart Extract showing airspace up to 19500ft)

★ Hirfynydd Wind Farm



Figure 14.1 shows that the Site is located to the north-west of Cardiff Airport shown as a small blue circle within a light blue shaded area with thick blue lines denoting the Control Zone (CTR) and Control Area (CTA). Above the site the thick purple lines denote the boundaries of Class A Controlled Airspace (an airway) designated as the Strumble CTA running roughly east/west with a base of FL95 (approximately 9500ft). To the east of the Site is the Rhigos gliding site marked as a blue circle with a 'G' in the centre and to the south-west, Swansea Airport is shown with a blue circle with a parachute symbol designating a parachute drop zone. The chart extract also shows a number of wind turbine symbols, indicating the location of operational wind turbines.