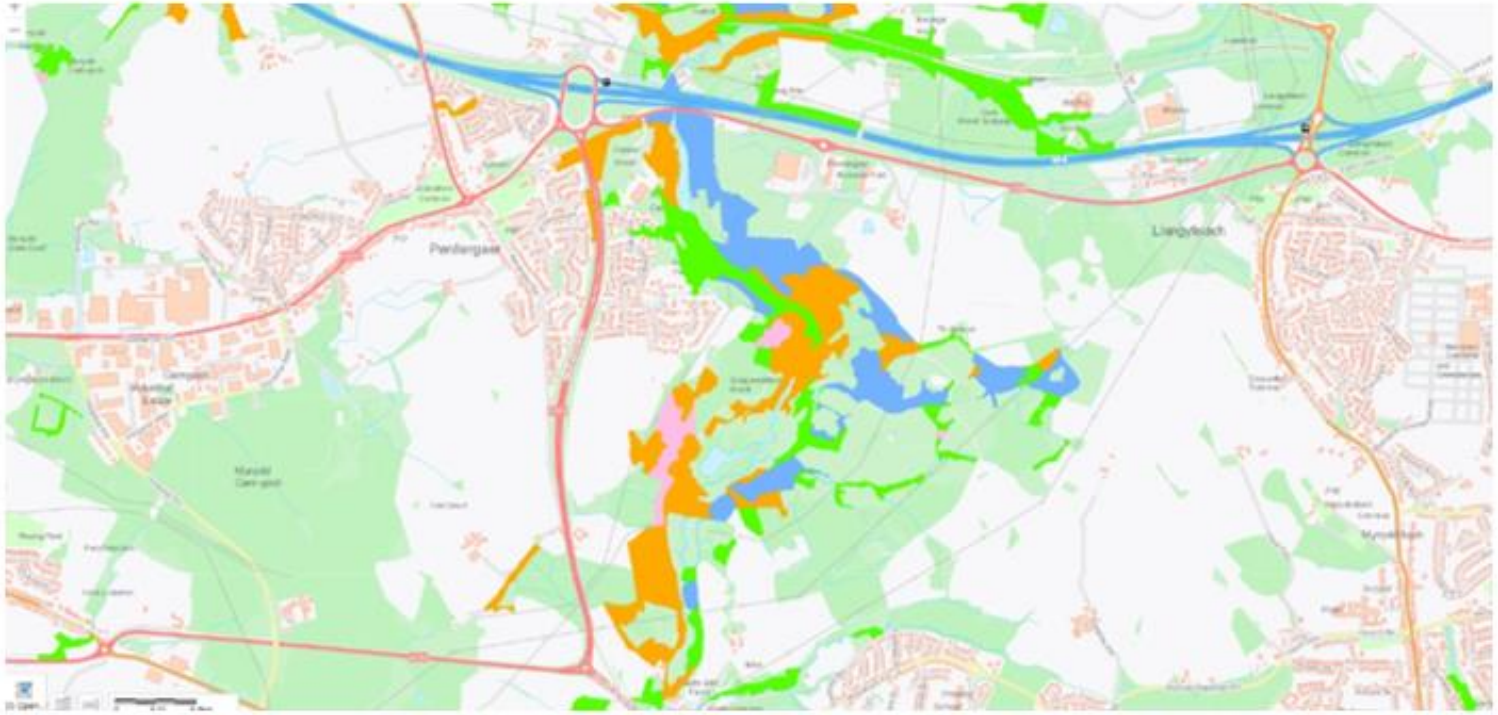
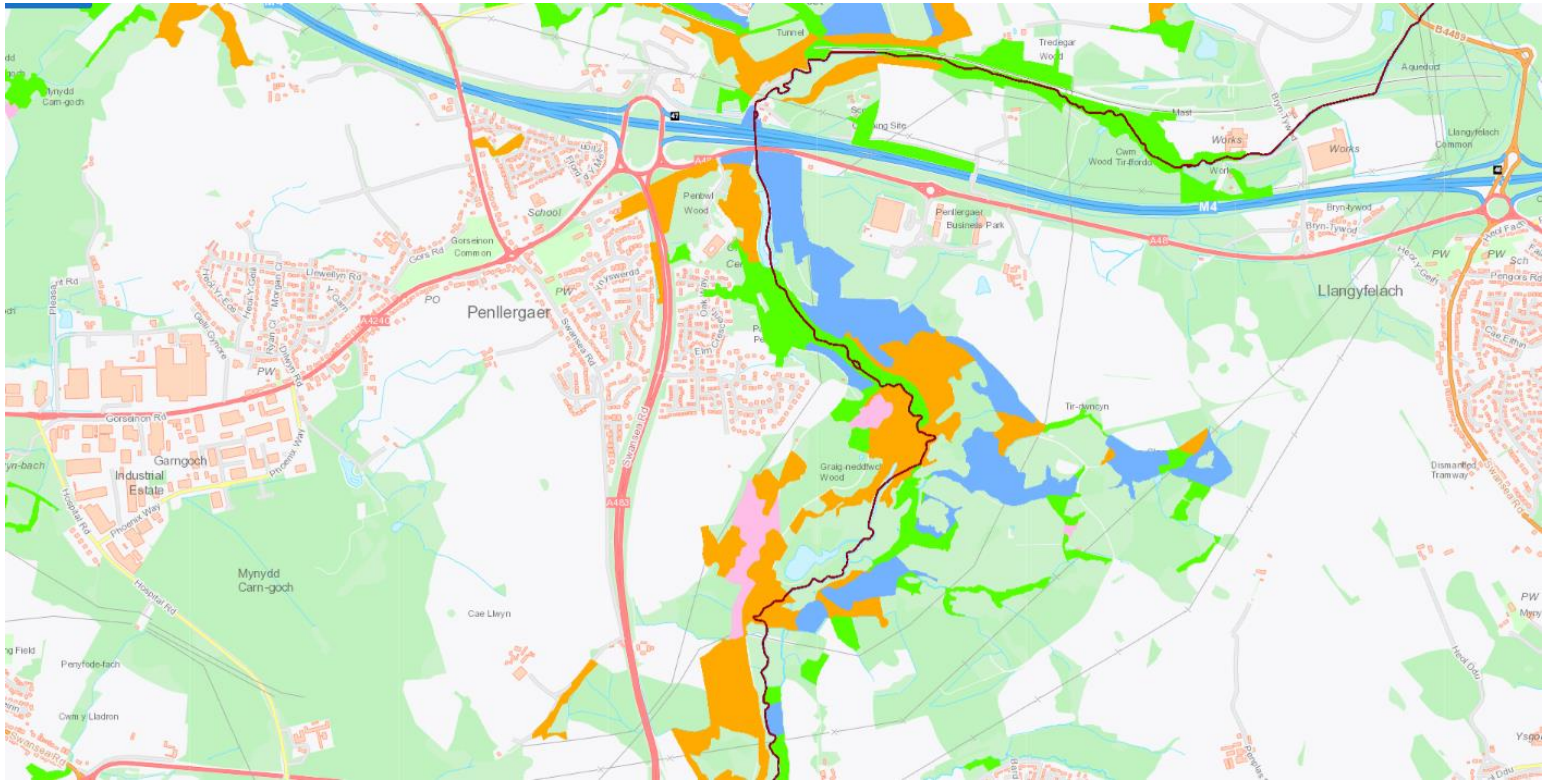
Maps for use in report



Map of Penllergare Valley Woods, Ancient Woodland Categories

- Restored Ancient Woodland Site
- Plantation on Ancient Woodland Site (PAWS)
- Ancient Semi Natural Woodland (ASNW)
- Ancient Semi Natural Woodland of Unknown Category



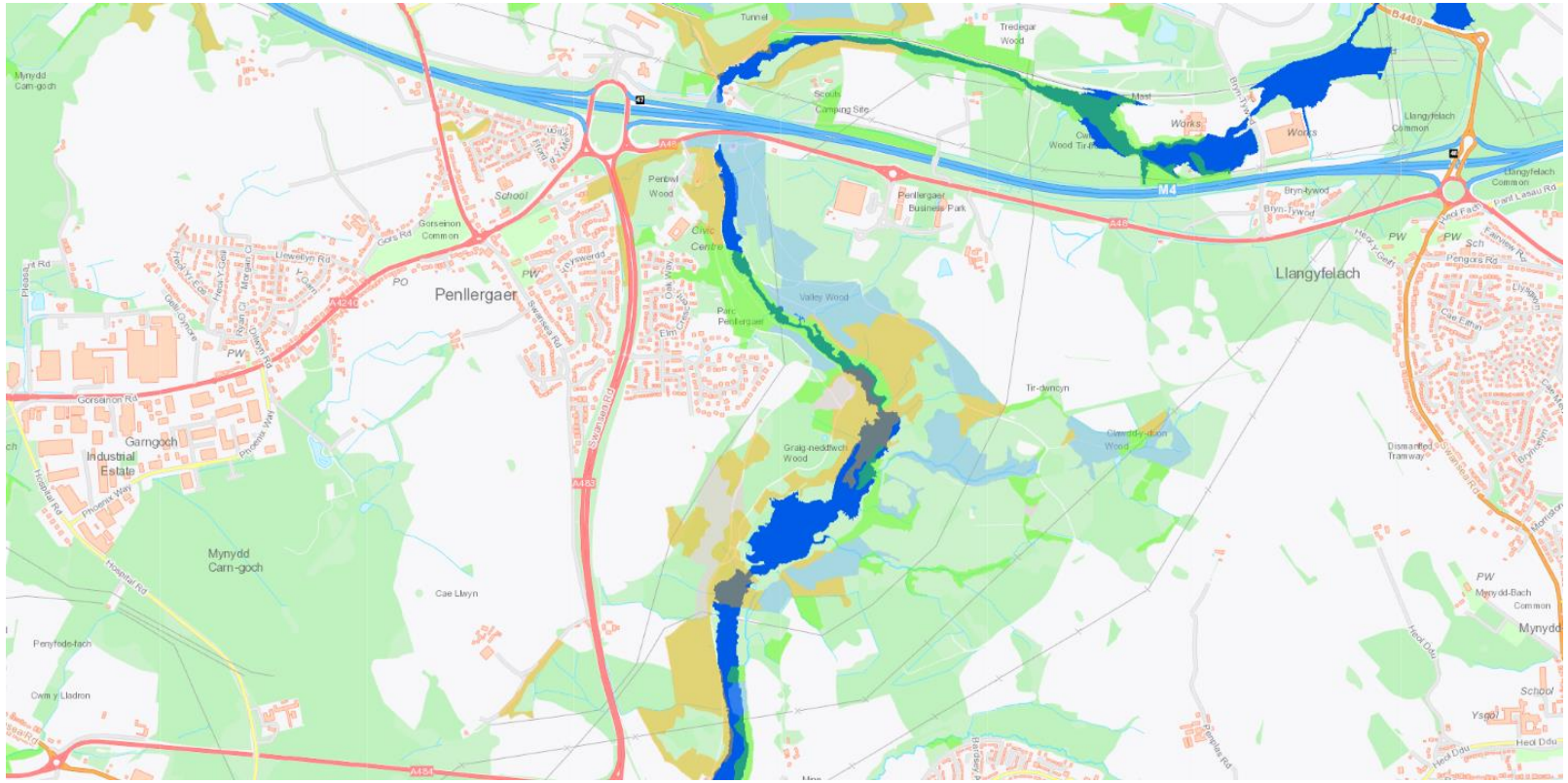
Restored Ancient Woodland Site

Plantation on Ancient Woodland Site (PAWS)

Ancient Semi Natural Woodland (ASNW)

Ancient Semi Natural Woodland of Unknown Category

Map of Penllergare Valley Woods with Watercourse – Afon Llan



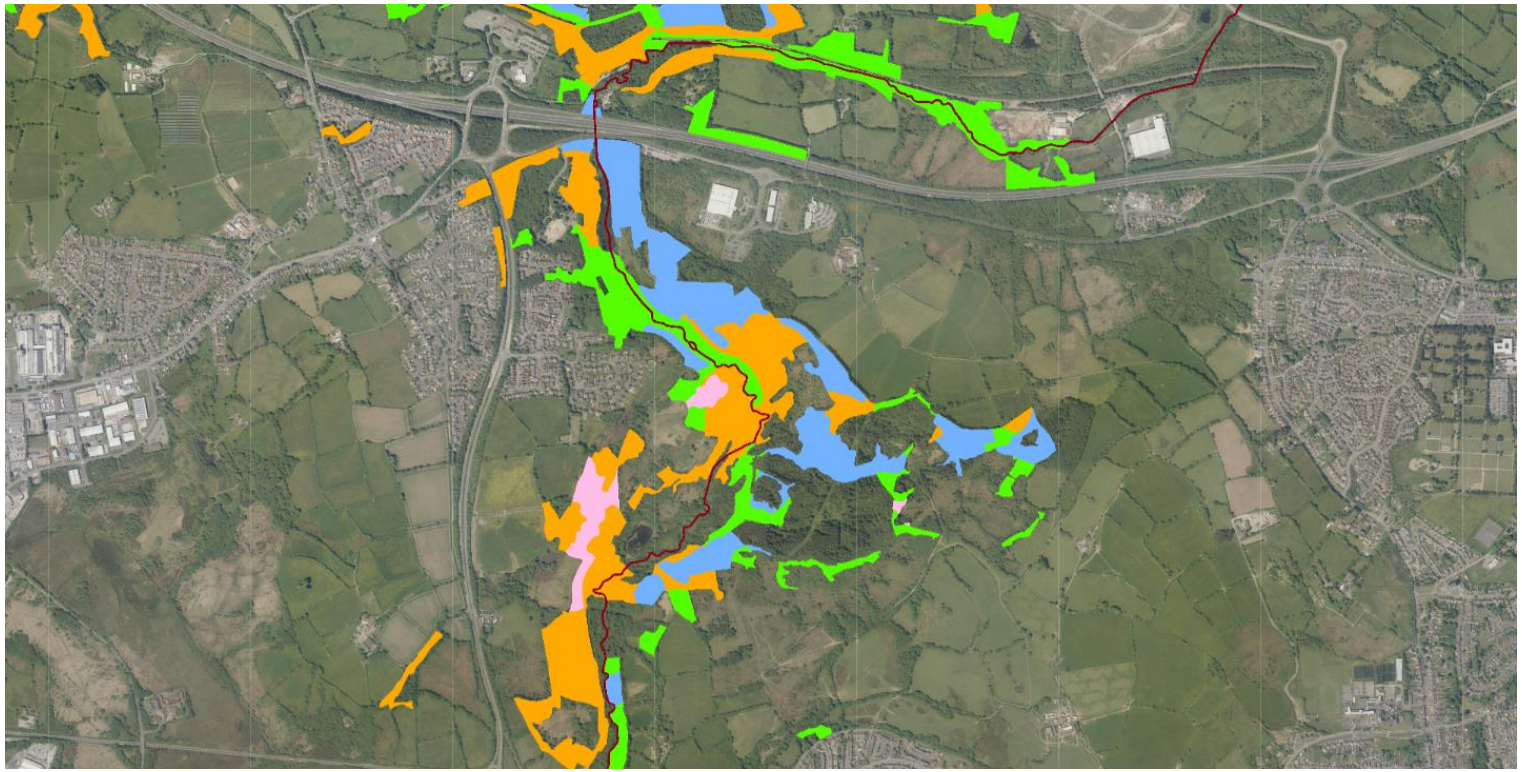
Map of Penllergare Valley Woods with flood zone shown in dark blue

- Restored Ancient Woodland Site
- Plantation on Ancient Woodland Site (PAWS)
- Ancient Semi Natural Woodland (ASNW)
- Ancient Semi Natural Woodland of Unknown Category

Afon Llan

Flood Zone

Aerial Image of Penllergare Valley Woods showing Afon Llan and Flood Zone



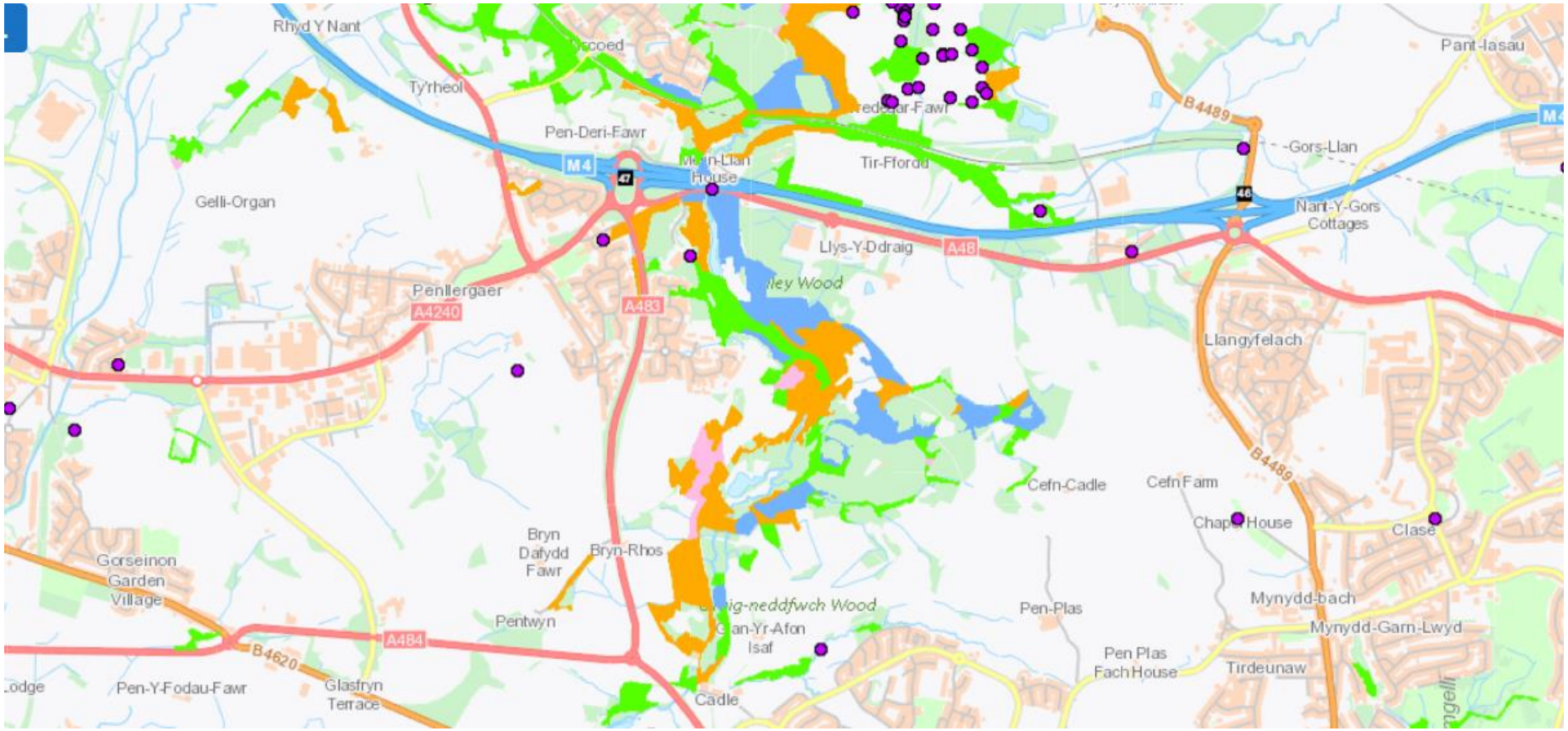
Restored Ancient Woodland Site

Plantation on Ancient Woodland Site (PAWS)

Ancient Semi Natural Woodland (ASNW)

Ancient Semi Natural Woodland of Unknown Category

Aerial Image of Penllergare Valley Woods showing Afon Llan



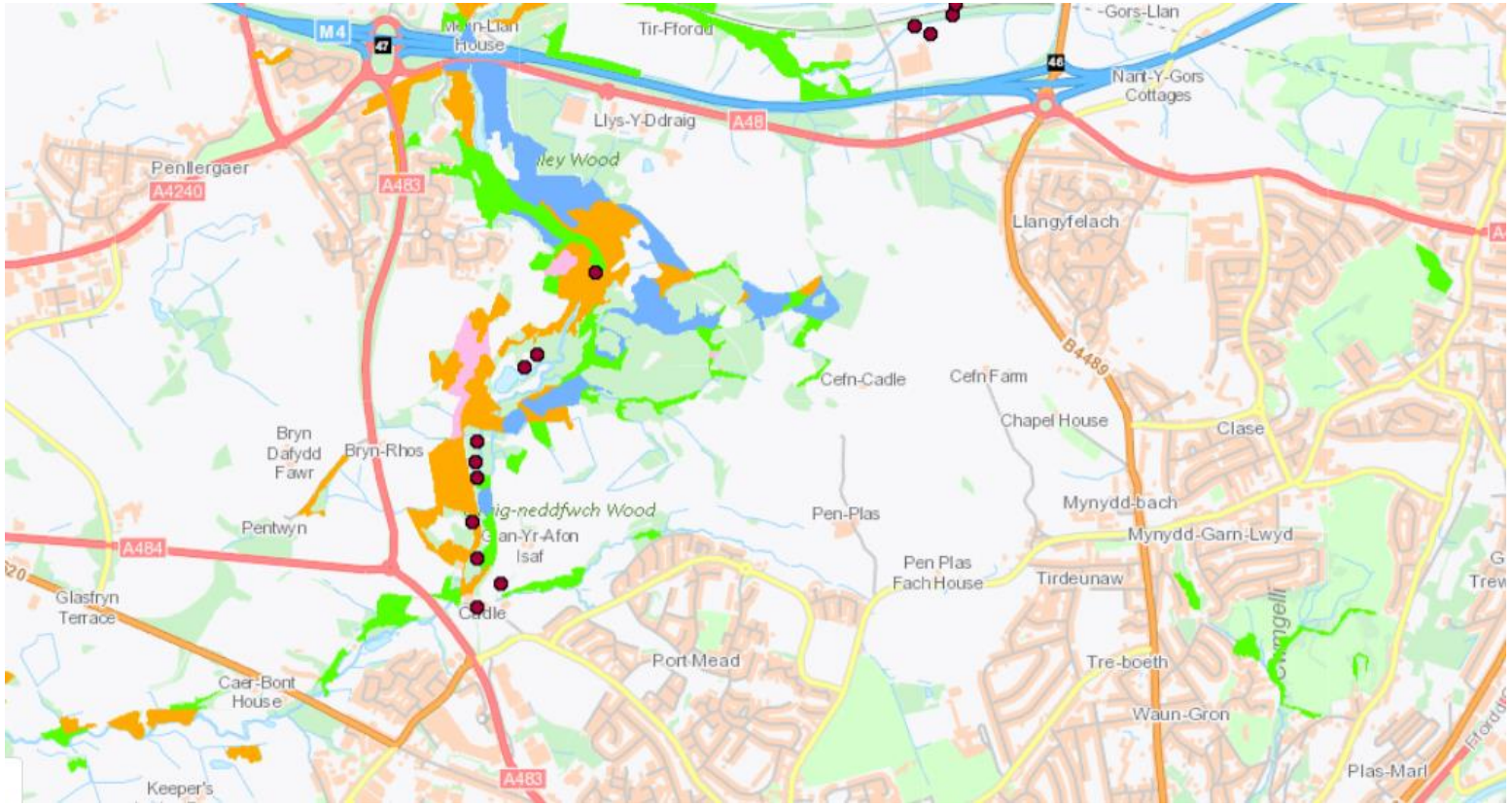
Restored Ancient Woodland Site

Plantation on Ancient Woodland Site (PAWS)

Ancient Semi Natural Woodland (ASNW)

Ancient Semi Natural Woodland of Unknown Category

Map of Penllergare Valley Woods showing records of Bats



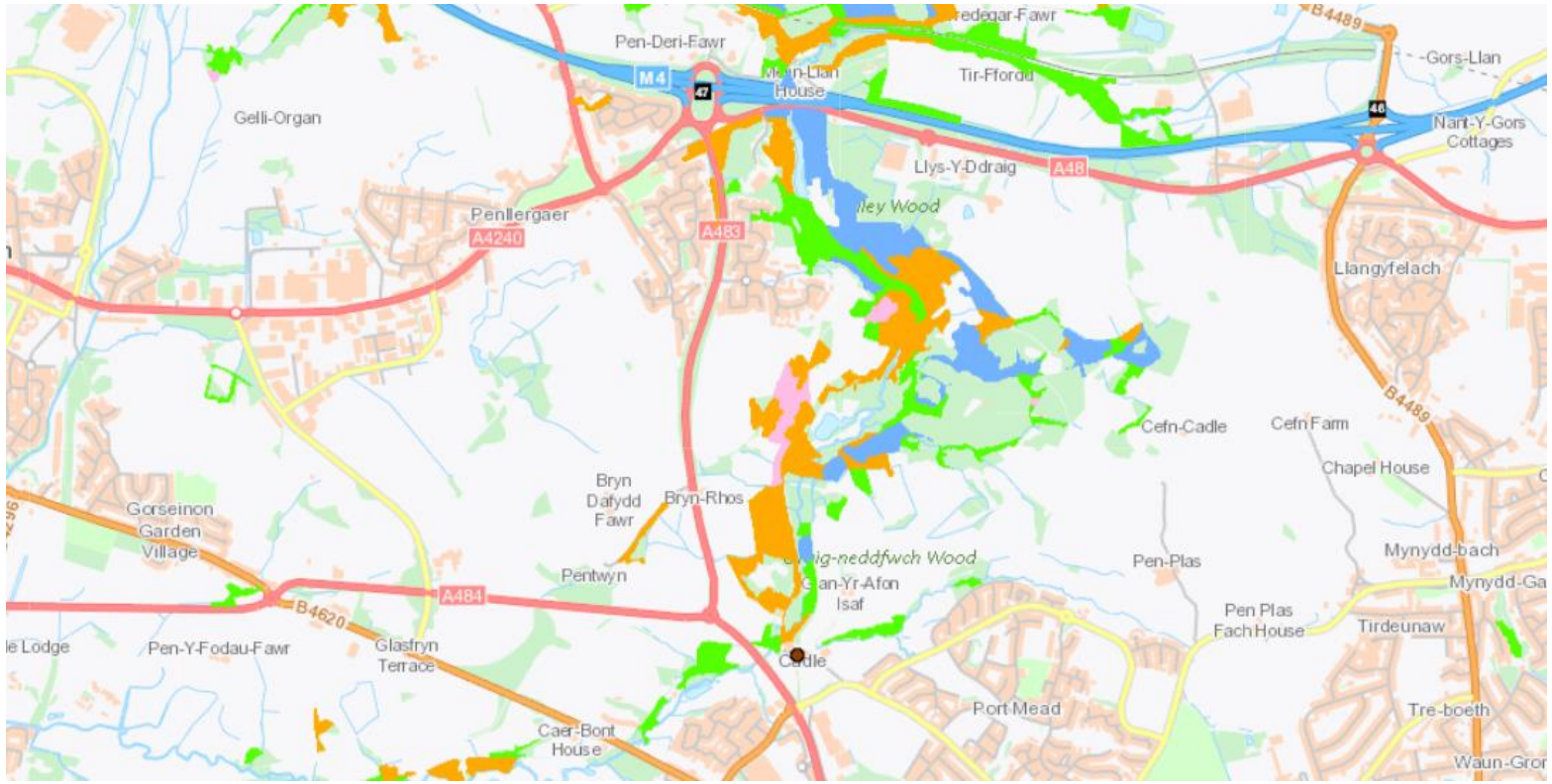
Restored Ancient Woodland Site

Plantation on Ancient Woodland Site (PAWS)

Ancient Semi Natural Woodland (ASNW)

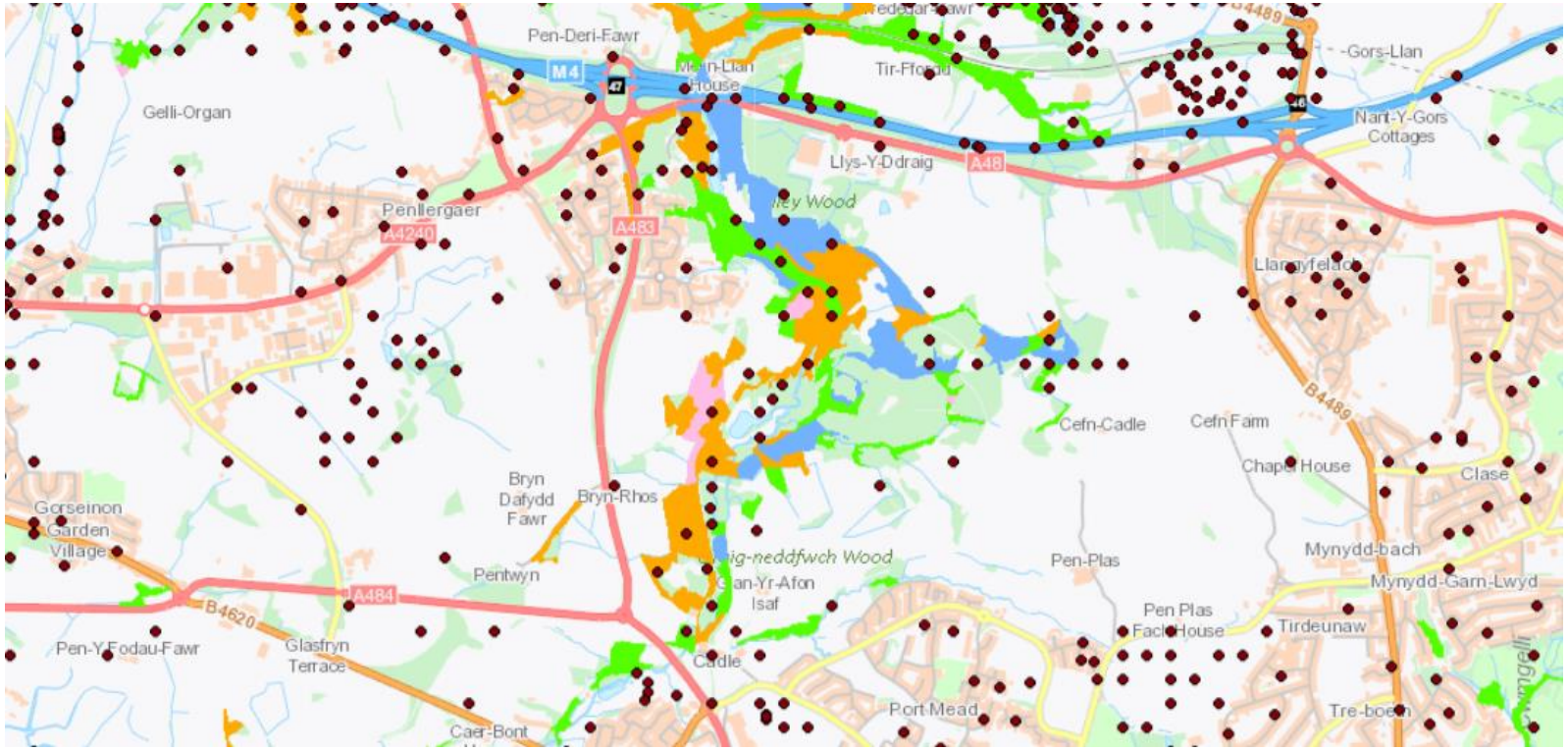
Ancient Semi Natural Woodland of Unknown Category

Map of Penllergare Woods showing Otters



Map of Penllergare Valley Woods showing Water Vole

- Restored Ancient Woodland Site
- Plantation on Ancient Woodland Site (PAWS)
- Ancient Semi Natural Woodland (ASNW)
- Ancient Semi Natural Woodland of Unknown Category



Map of Penllergare Woods Showing all records of LRC Priority and Protected Species Points

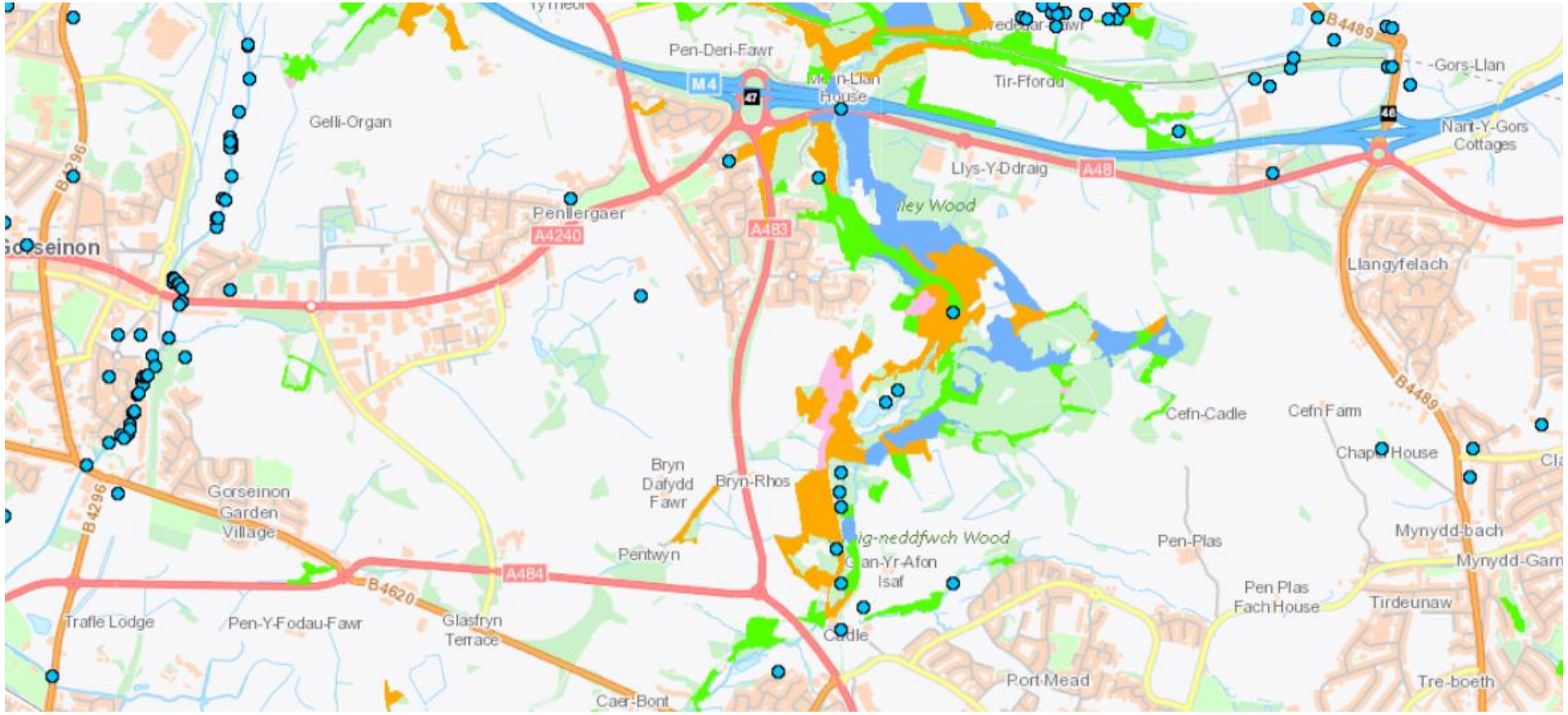
- Bluebell
- Common Toad
- Common Frog
- Palmate Newt
- Kingfisher
- Tree Pipit
- Lesser Redpoll
- Kestrel
- Herring Gull
- Black Headed Gull
- Grasshopper Warbler
- Dunnock
- Bullfinch
- Starling
- Song Thrush
- Barn Owl
- Willow Tit

Restored Ancient Woodland Site

Plantation on Ancient Woodland Site (PAWS)

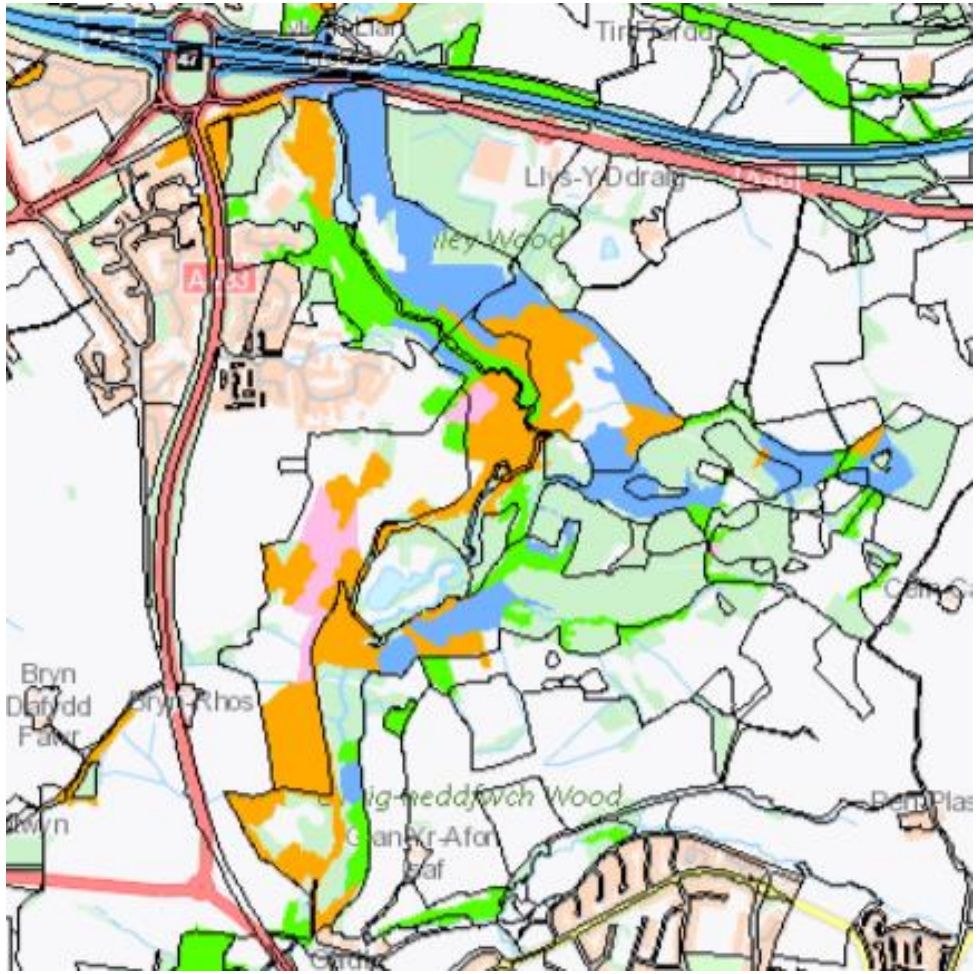
Ancient Semi Natural Woodland (ASNW)

Ancient Semi Natural Woodland of Unknown Category



- Restored Ancient Woodland Site
- Plantation on Ancient Woodland Site (PAWS)
- Ancient Semi Natural Woodland (ASNW)
- Ancient Semi Natural Woodland of Unknown Category

Map of Penllergare Valley Woods showing all European Protected Species Points



Restored Ancient Woodland Site

Plantation on Ancient Woodland Site (PAWS)

Ancient Semi Natural Woodland (ASNW)

Ancient Semi Natural Woodland of Unknown Category

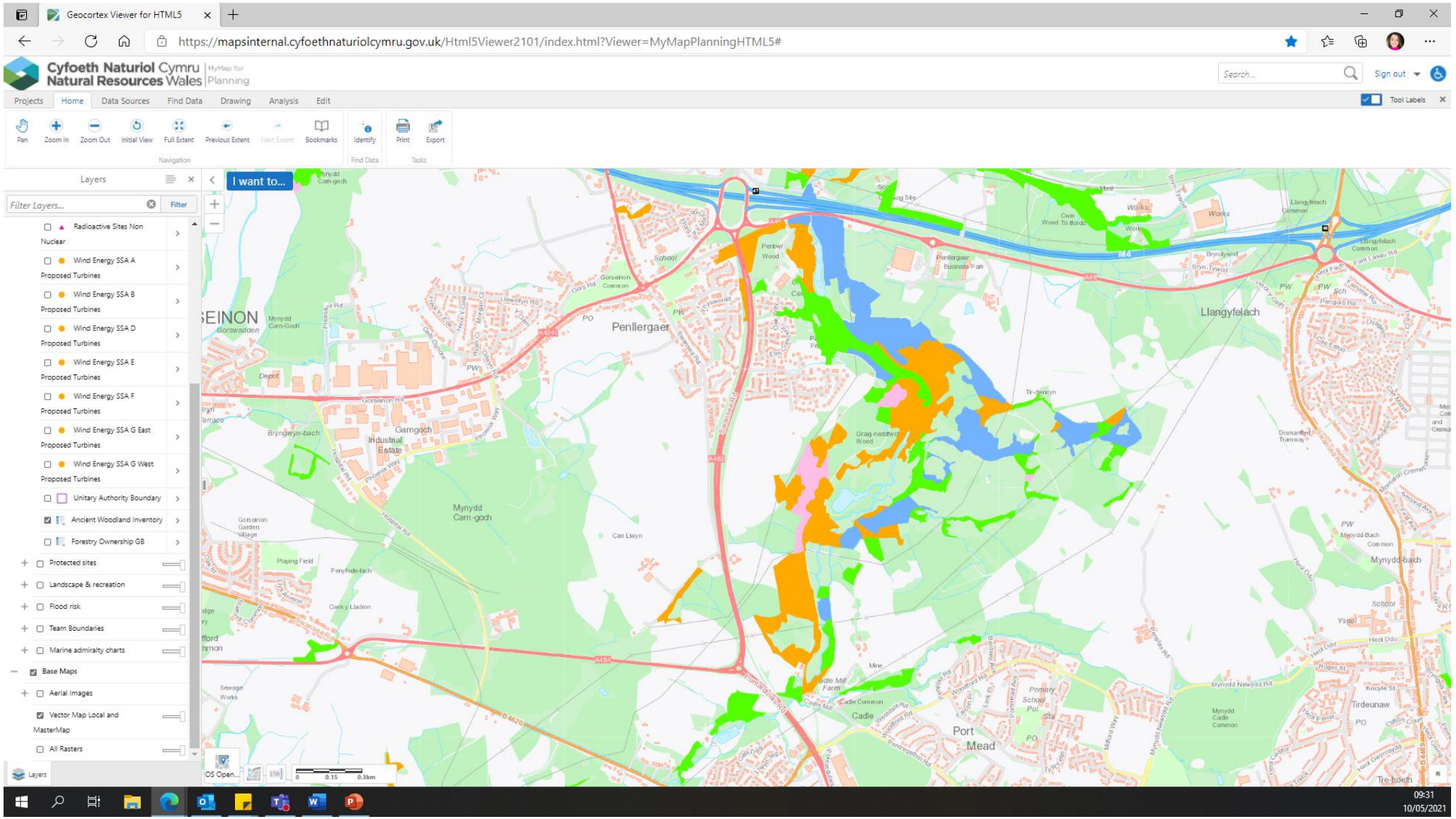
Map of Penllergare Valley Woods with Phase 1 Habitat Polygons

Map of Penllergare Valley woods 2019

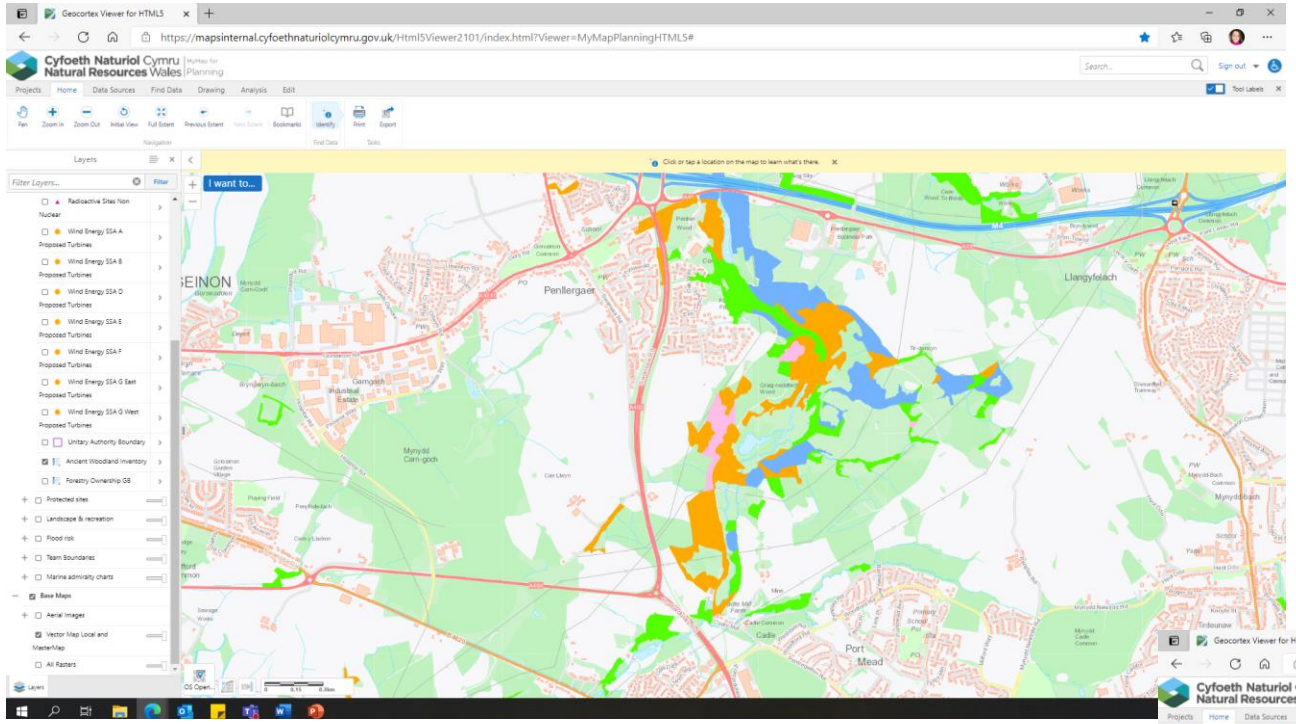
Can see site of demolition which made way for new housing estate.

Map of Penllergare
Valley Woods 2009

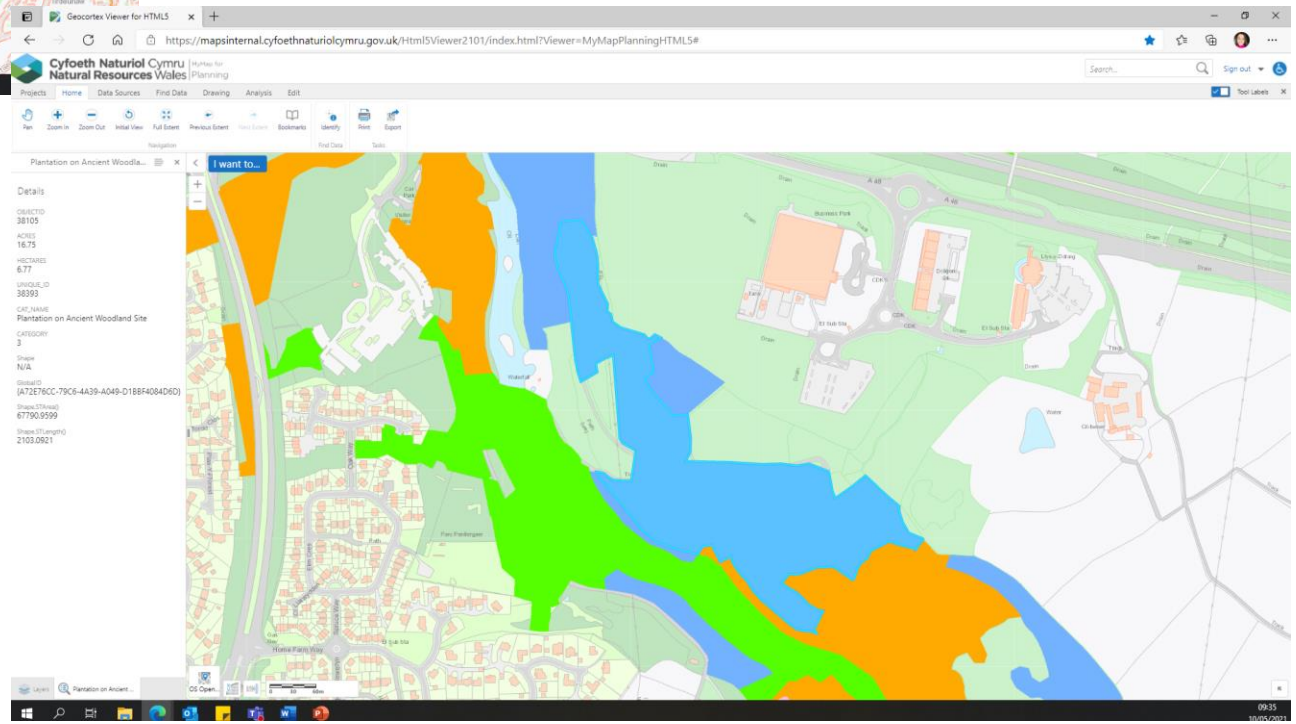
Screenshots of process



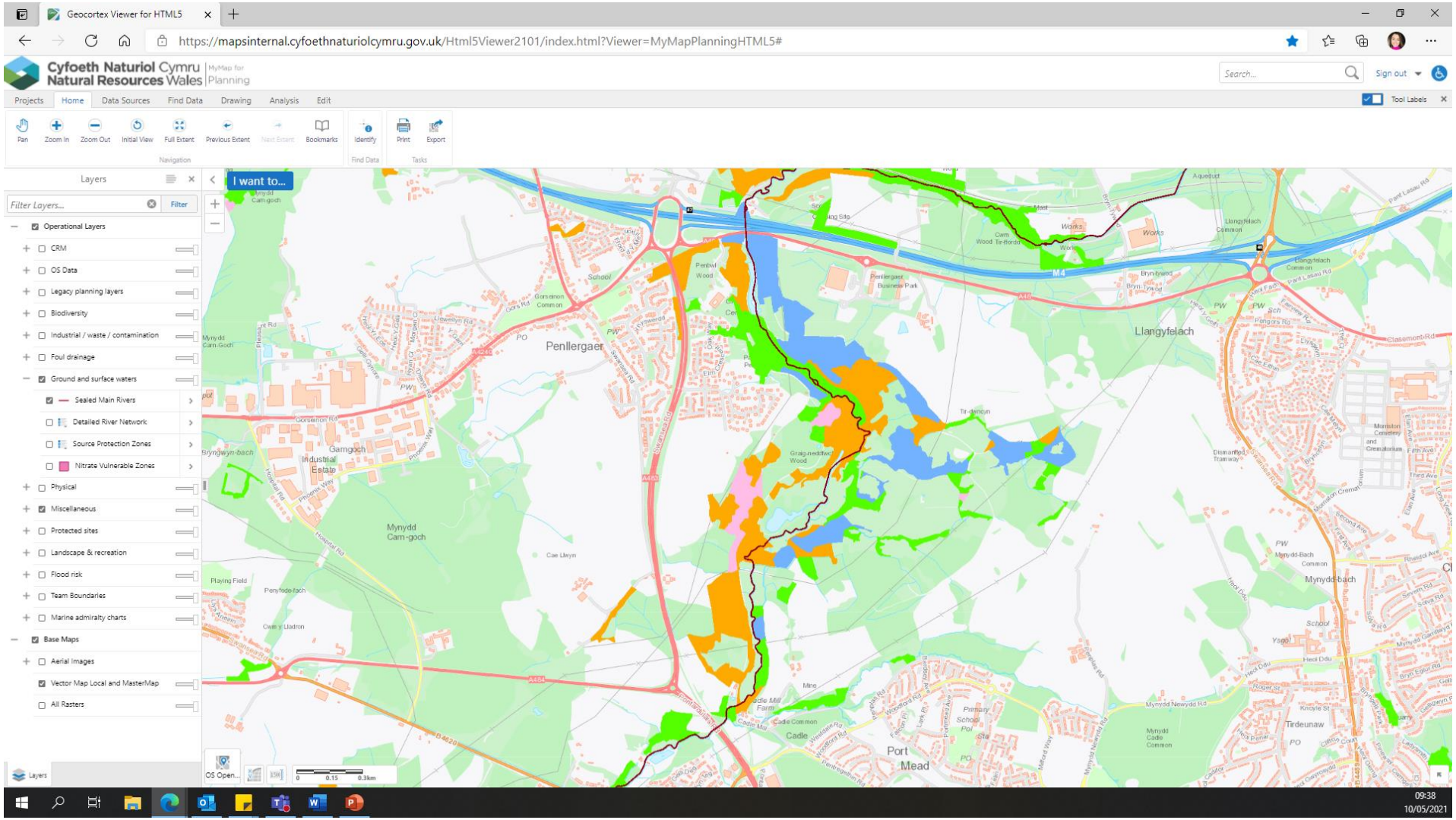
Full screenshot of ArcGIS system used to create map of Penllergare Valley Woods with Ancient Woodland Layer selected



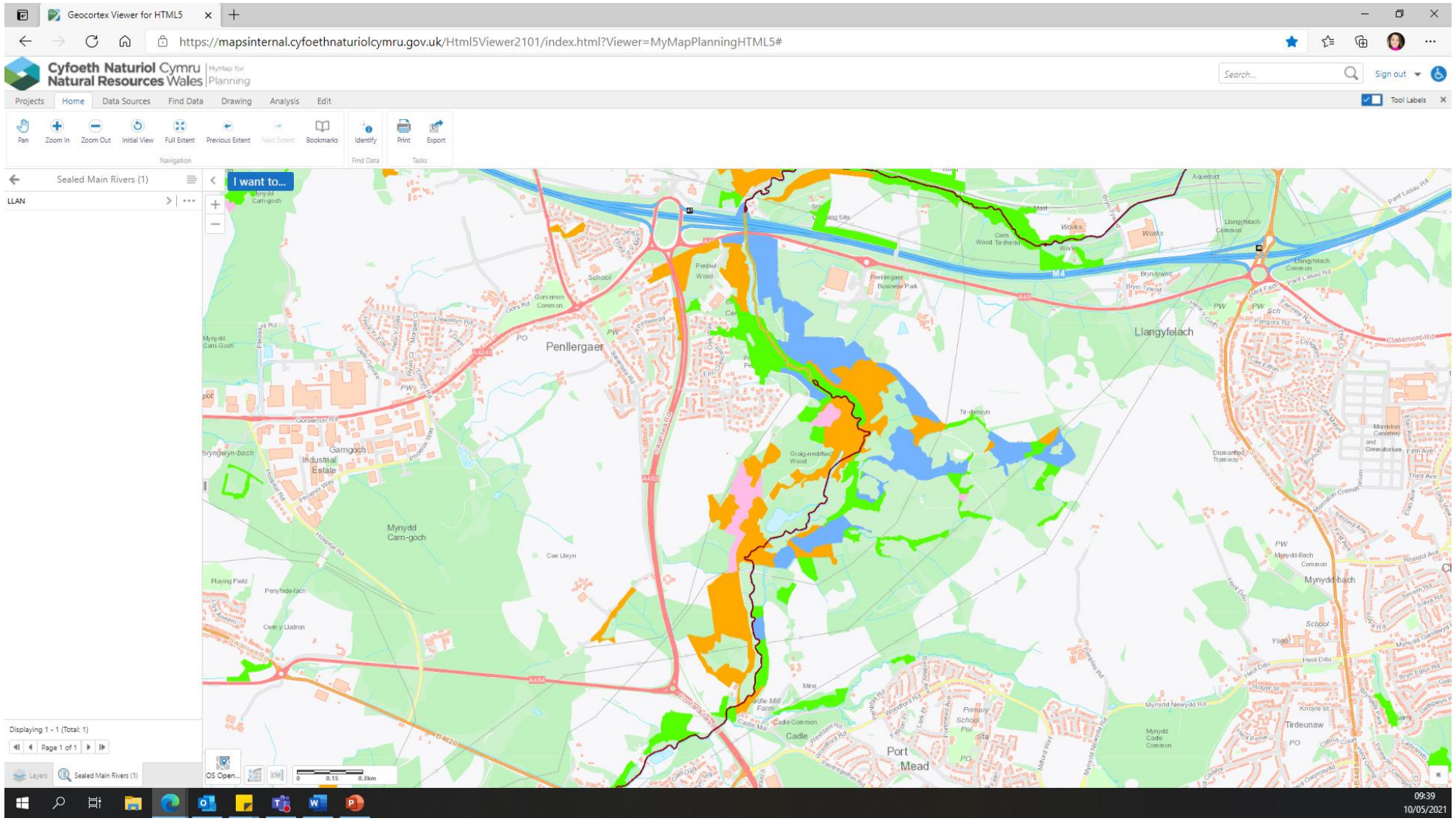
‘Identify’ tool selected which when dragged over a section of map will give details of that area.



The area selected can then be clicked into to show details. This was done for each section of the PVW study area.

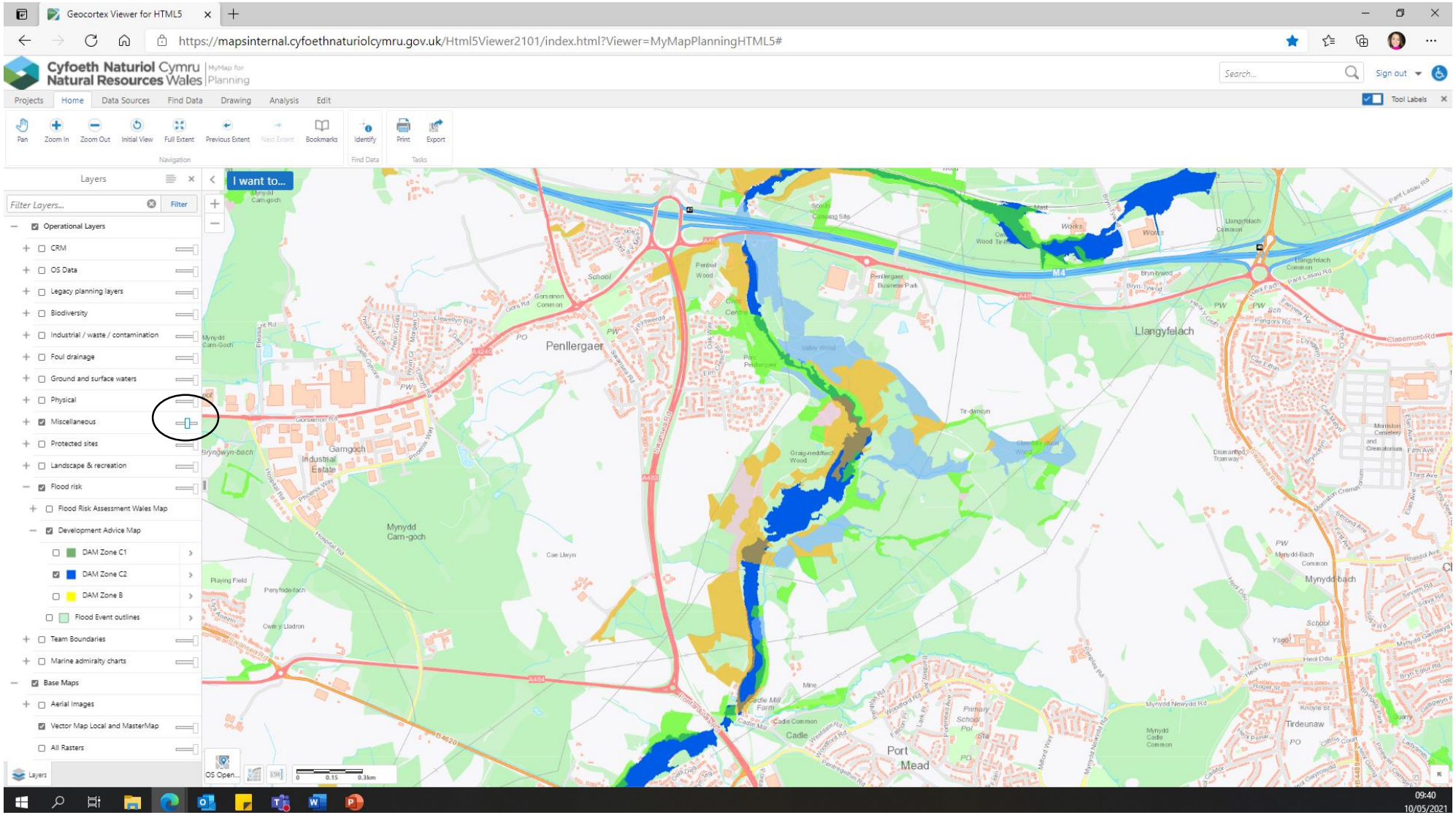


Map of PVW with Ancient Woodland and Sealed Main Rivers visible.



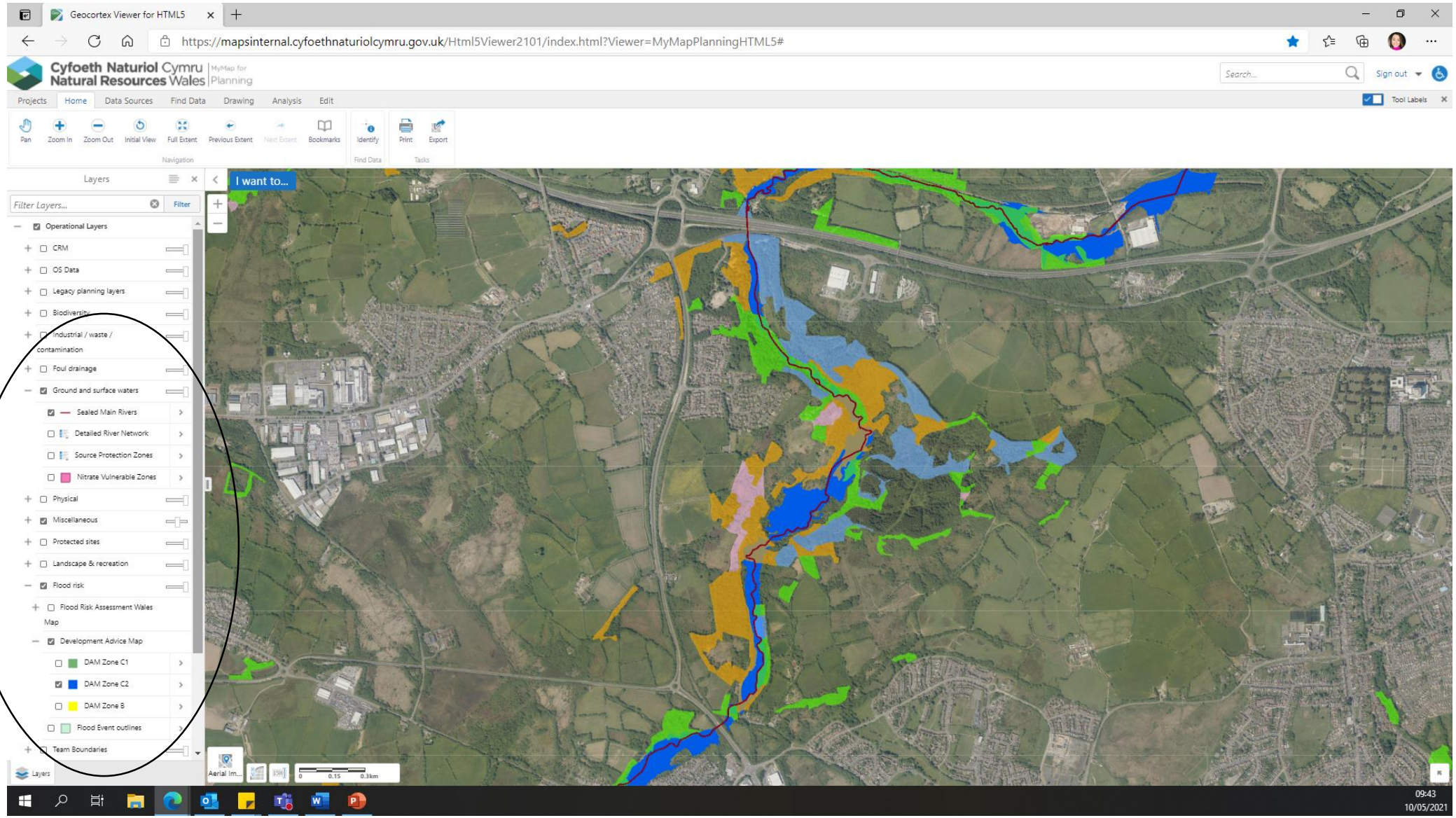
Identify function used to identify the river – River Llan

Opacity turned down to show flood zone more clearly.

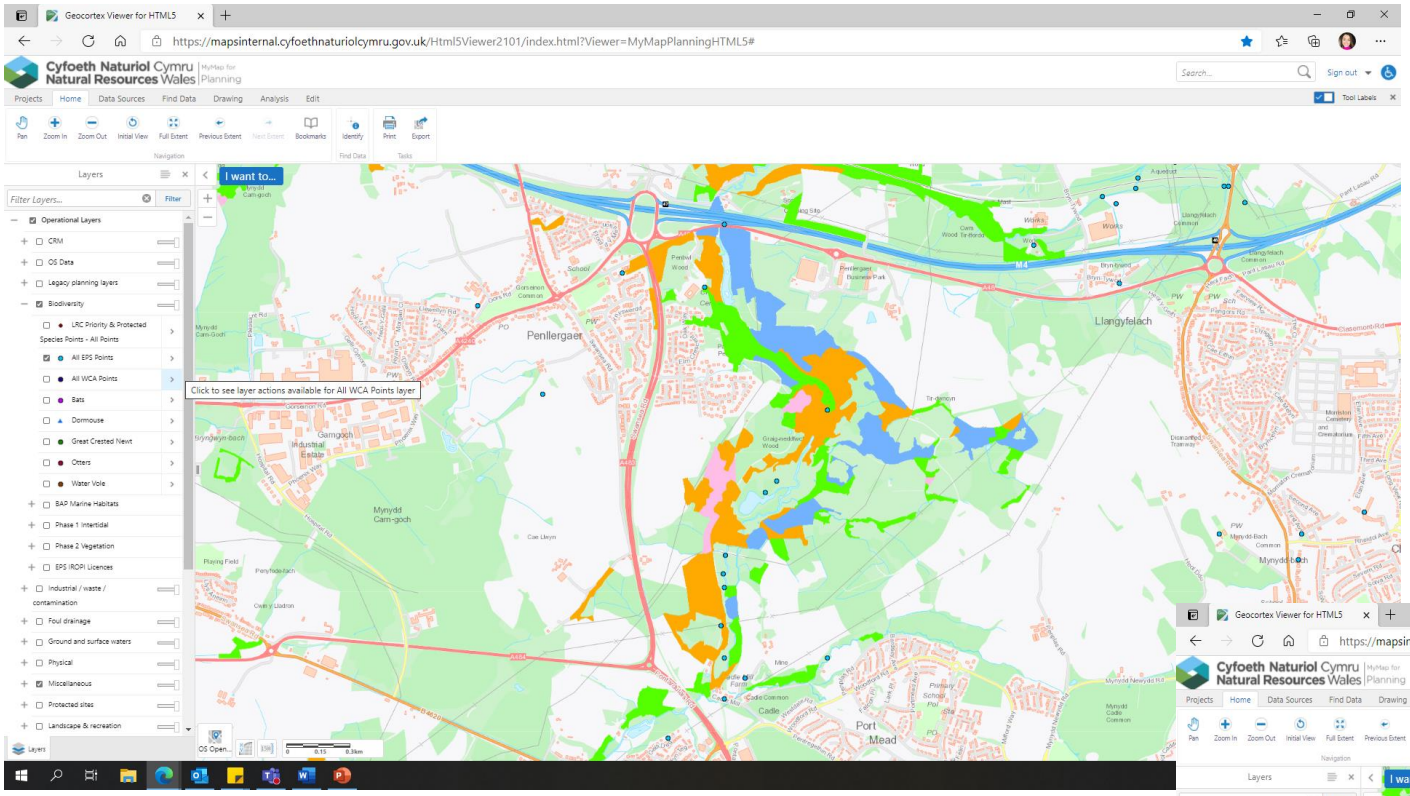


PVW Ancient Woodland and flood zone layer (DAM Zone C2) which highlights the Riparian Zone of the woods.

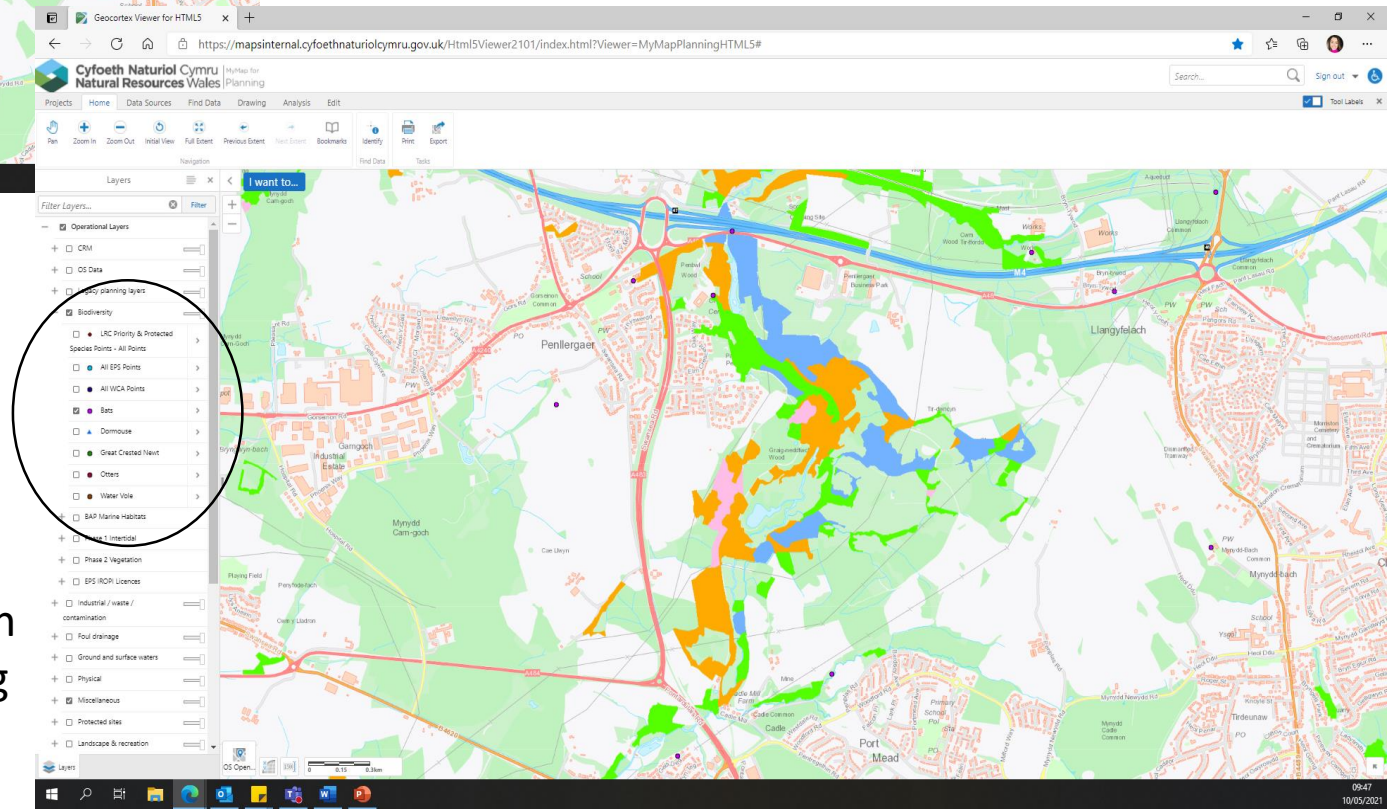
Layers that have been used to create the map can be seen here.



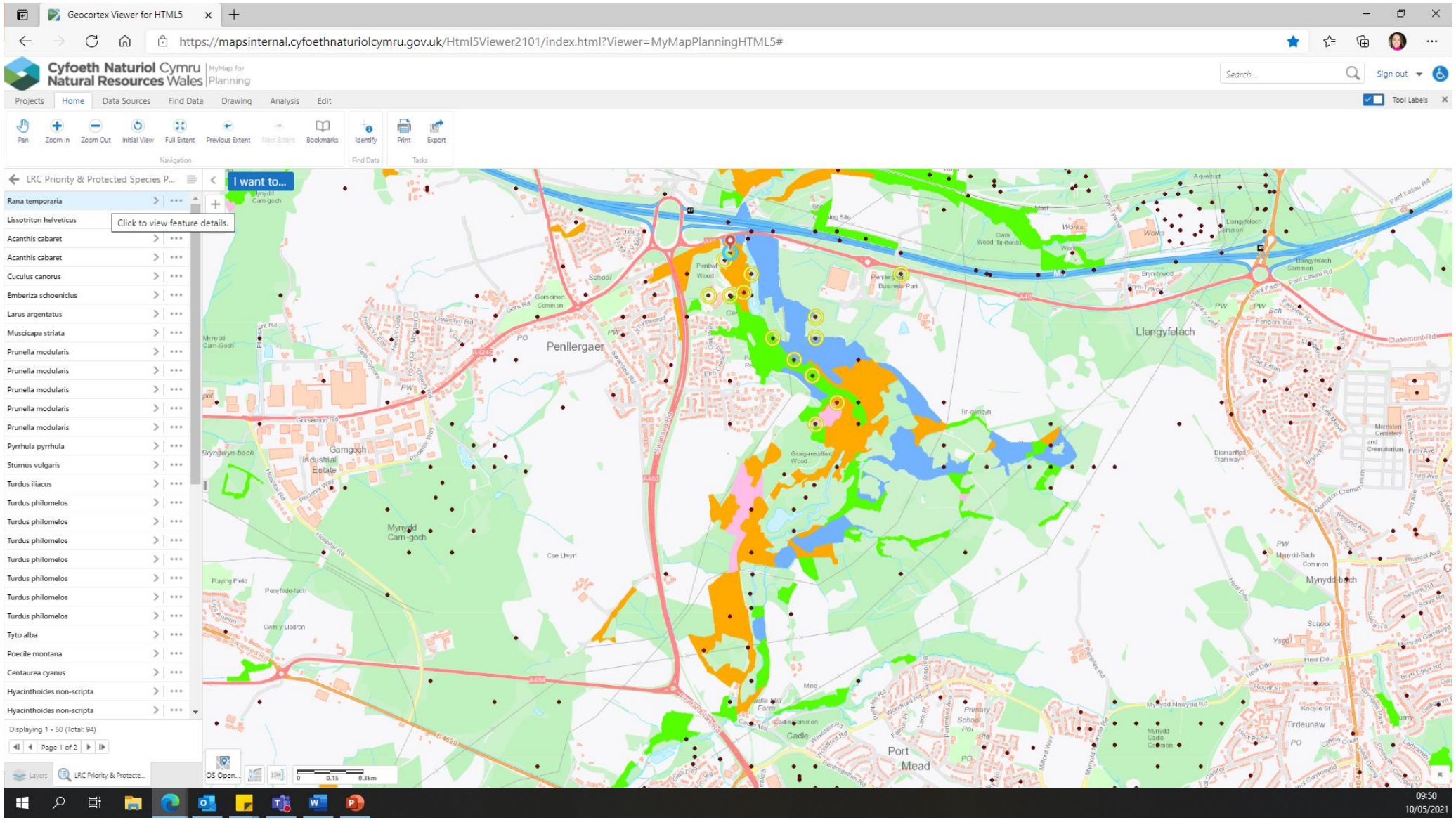
Aerial Image of the woods with Ancient Woodland, flood zone and River Llan identified.



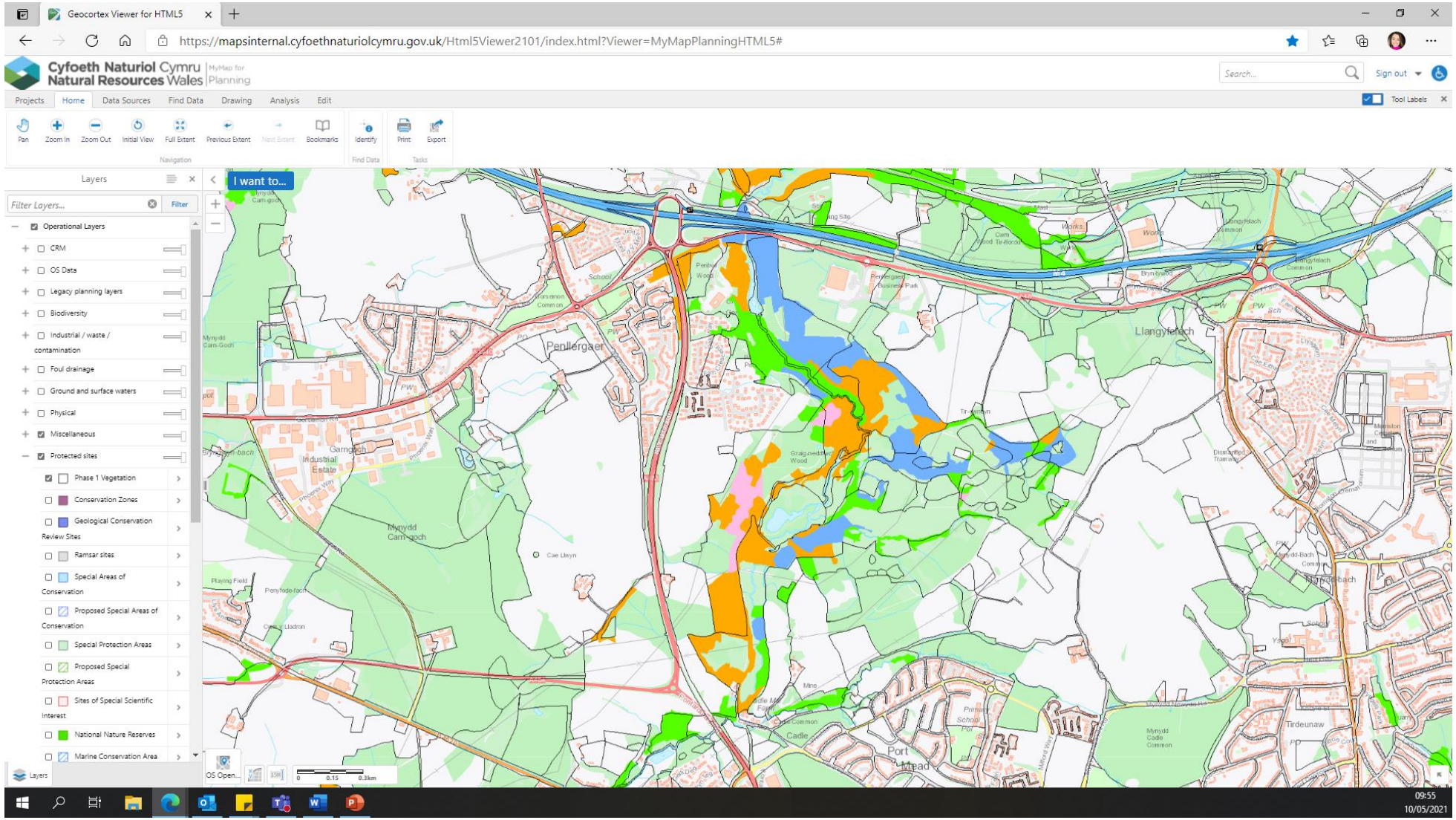
Map of PVW showing all European Protected Species (EPS) points as blue dots.



Each EPS can then be selected individually and shown on the map. This example is showing locations of Bats using pink dots.



Map showing all LRC Priority and Protected Species in the study area for PVW. The identify function was used to select the points in the study area and the list of species can be seen in the pane on the left. When hovered over, the selected species is highlighted on the map with yellow rings.



Map of PVW showing the Phase 1 Habitat polygons. These polygons were used for the proposed Habitat Management Plan.