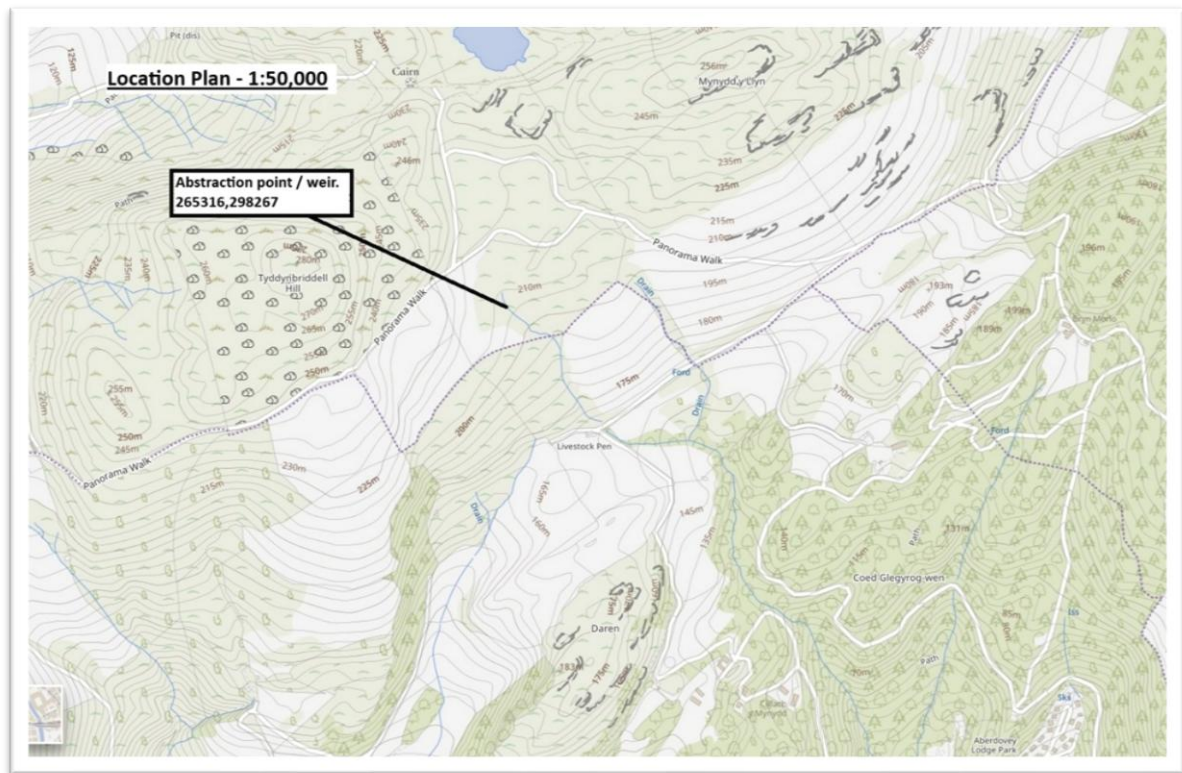
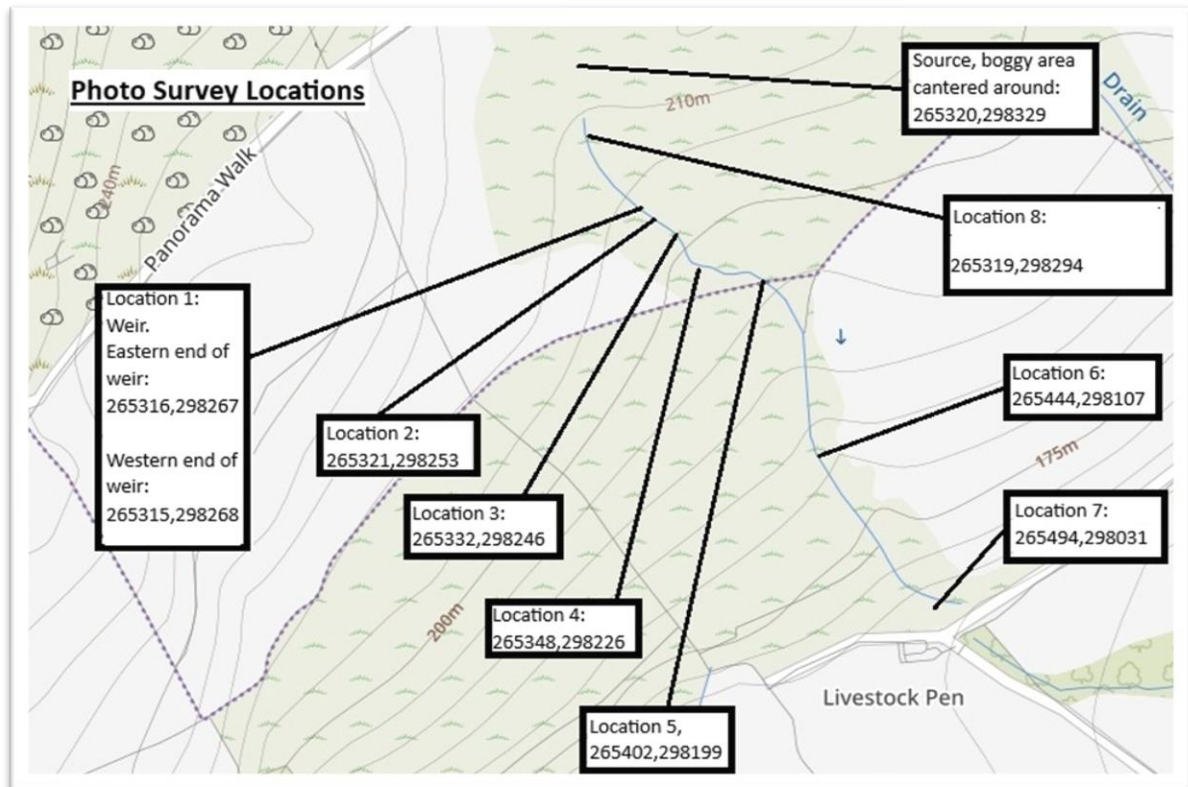


Geomorphology Stage 1 Photo Survey Plas Panteidal

Feb 2026



Location Plan 1:50,000



Map showing the weir location, the stream, the locations the photos were taken.

Locations:

- Location 1: Weir.
Eastern end of weir: 265316,298267
Western end of weir: 265315,298268
- Source is in a boggy area centered around: 265320,298329
- Distance between weir and centre of boggy area: 65m
- Location 2, downstream of weir: 265321,298253
- Location 3, downstream of weir: 265332,298246
Track crossing stream.
Fallen willow tree.
- Location 4: 265348,298226
- Location 5, 265402,298199
Watercourse goes under wall.
Photos taken both sides of wall.
- Location 6: 265444,298107
- Location 7: 265494,298031
Small waterfall
Watercourse passes under farm track
- Location 8, upstream of weir: 265319,298294.

The scale object used is a 900mm spirit level.

Description of watercourse:

The watercourse starts in a boggy area with willows. Access is difficult, the area is very boggy and overgrown. This also makes the watercourse difficult to see or photograph.

The boggy area converges into a small stream where we have restricted the flow with a small weir to create a small impoundment. The impoundment is about 30m long and about 1.2m wide. It is no more than about 100mm deeper than if the impoundment had not been created.

From here the watercourse continues but it is very overgrown, boggy and hard to see or photograph. It passes under a wall, through an area poached by livestock, and then continues in a small hollow in between two fields where it passes under a farm track and then continues through a wooded area towards the Afon Dyfi.

Description of impoundment

A small impoundment has been created on the unnamed stream at 265316,298267. The stream drains a large boggy area. A ~2.5m concrete sheet has been placed across the stream with a (W-0.37m and H-0.47m) gap in the middle of it. The weir-level is 100mm above the stream water level. The impoundment is surrounded by a stock fence to exclude animals. The impoundment is a total of ~50 square meters and, because of the weir-level of 100mm (0.1m), has impounded approximately 5-cubic-meters of water when the water in the stream is low, and up to about twice that amount when the stream is in flood. The impoundment is to ensure that the entrance to the pipe that feeds Plas Panteidal with water is always submerged.

Location 1

265316,298267

Small concrete slab in stream creates a small impoundment.







Location 2

Downstream of the weir.

265321,298253



Looking

upstream, a small waterfall is obscured from view by the vegetation.





Looking downstream, a small farm track crosses watercourse.

Location 3.
265332,298246



Looking downstream, a fallen willow tree with the watercourse passing underneath.





Looking upstream at the same fallen willow tree.

Location 4

265348,298226



View of watercourse obscured by brambles.



Location 5

265402,298199



Looking downstream. Watercourse goes under wall.



View of watercourse mostly obscured by vegetation.



Looking upstream, away from wall.



Photos taken both sides of wall. Looking upstream from downstream side of the wall.



Sediment by wall.



Sediment by wall.



Sediment by wall.

Location 6:

265444,298107



View of watercourse is obscured by vegetation



View of watercourse is obscured by vegetation

Location 7:

265494,298031



Looking downstream, watercourse passes under a farm track.



Looking upstream, watercourse forms a small waterfall.

Location 8,

Upstream of weir:

265319,298294



Looking downstream over impoundment towards weir.



Looking upstream, away from impoundment, source on left in middle distance.



Looking upstream, away from impoundment, source in middle-distance.



Watercourse at far end of impoundment from weir.



Watercourse at far end of impoundment from weir.