

Site Name: Craig Cwm-du

Grid Reference: SN 942214

RIGS Category: Aesthetic, Educational & Scientific

Earth Science Category: Quaternary & Geomorphology

Geology 1:50,000: BGS Sheet 213, Brecon

RIGS Statement of Interest:

The site is important not only because it is a rare example of a former glacier with a northerly or north-north-easterly aspect in the Brecon Beacons during Younger Dryas times (c.12 900 - 11 500 yrs ago) but also because, unusually, there appear to be sets of ridges at different distances from the backwall. Deciphering the precise relationship between these moraines and the palaeoclimate could hold an important key to accurate reconstruction of environmental conditions in the region at the time. In addition, lake sediments associated with the moraines have not been investigated and could provide a unique opportunity in the Brecon Beacons to reconstruct environmental change from this type of evidence during and after the Younger Dryas Stadial (a short cold episode with local glaciation).

Surveyed by: R.A. Shakesby