

other event is drawn mainly from the distribution of bedding plane orientations as shown in Figure 2, although its effect on outcrop is most evident in some locations.

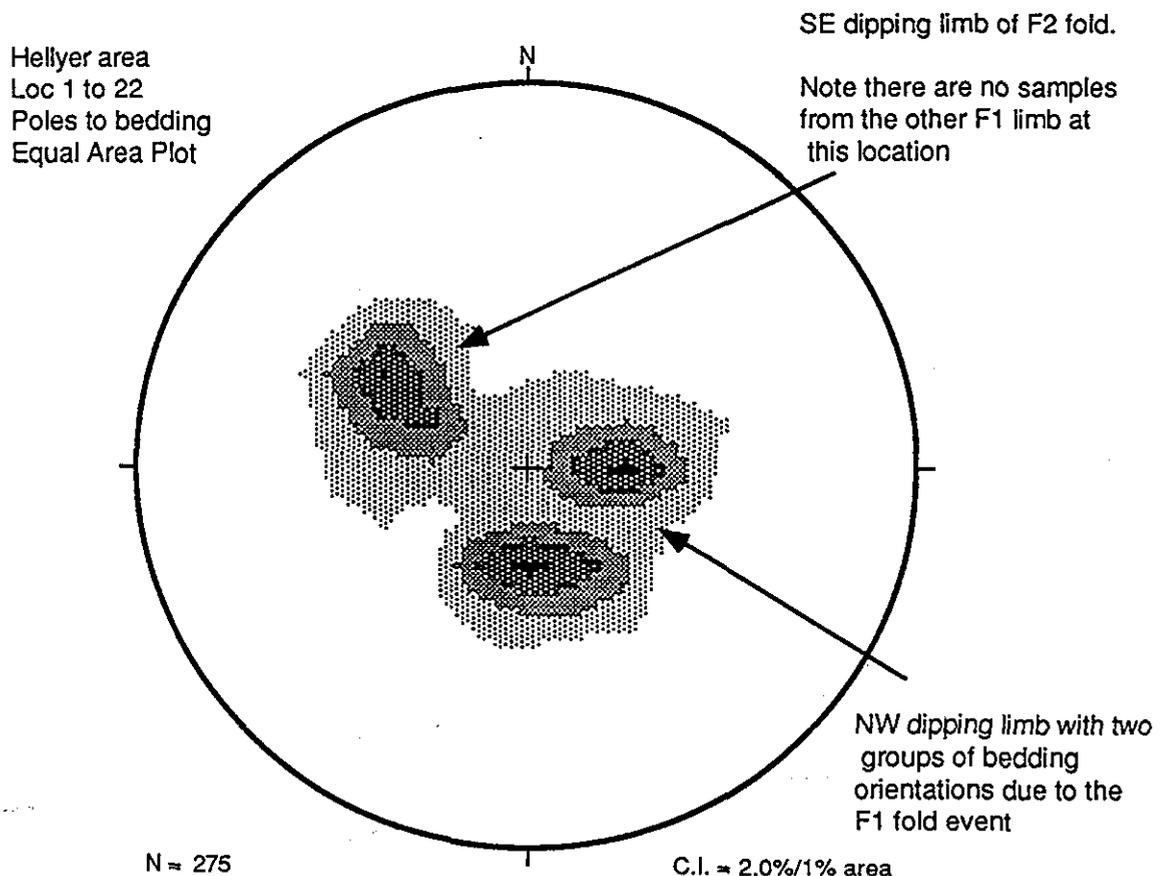


Figure 2: Stereonet contour plot of poles to bedding for locations 1 to 22. The distinct grouping of the poles is related to the two major fold events.

This first fold event, which shall be referred to in this report as F1, is a very open folding along an approx. 280° GN axis, though this is observed to vary by up to 30° at other locations. The dip of limbs is around 15° from horizontal, as calculated from stereographic procedures to remove the later folding event and restore the original fold axis to a horizontal plane, as illustrated in Figure 3. Evidence of this earlier fold event is present in both the Mica Sandstone and Que River Shale. It appears to be a regional or at least basin scale event, with record of its occurrence from outcrop south far as Mt Charter to north of the Cradle Mt. Link Road. It is, however, of only small magnitude in terms of strain. The implied stress field is an approx. E-W σ^3 and N-S σ^1 , or simply E-W extension and N-S shortening.