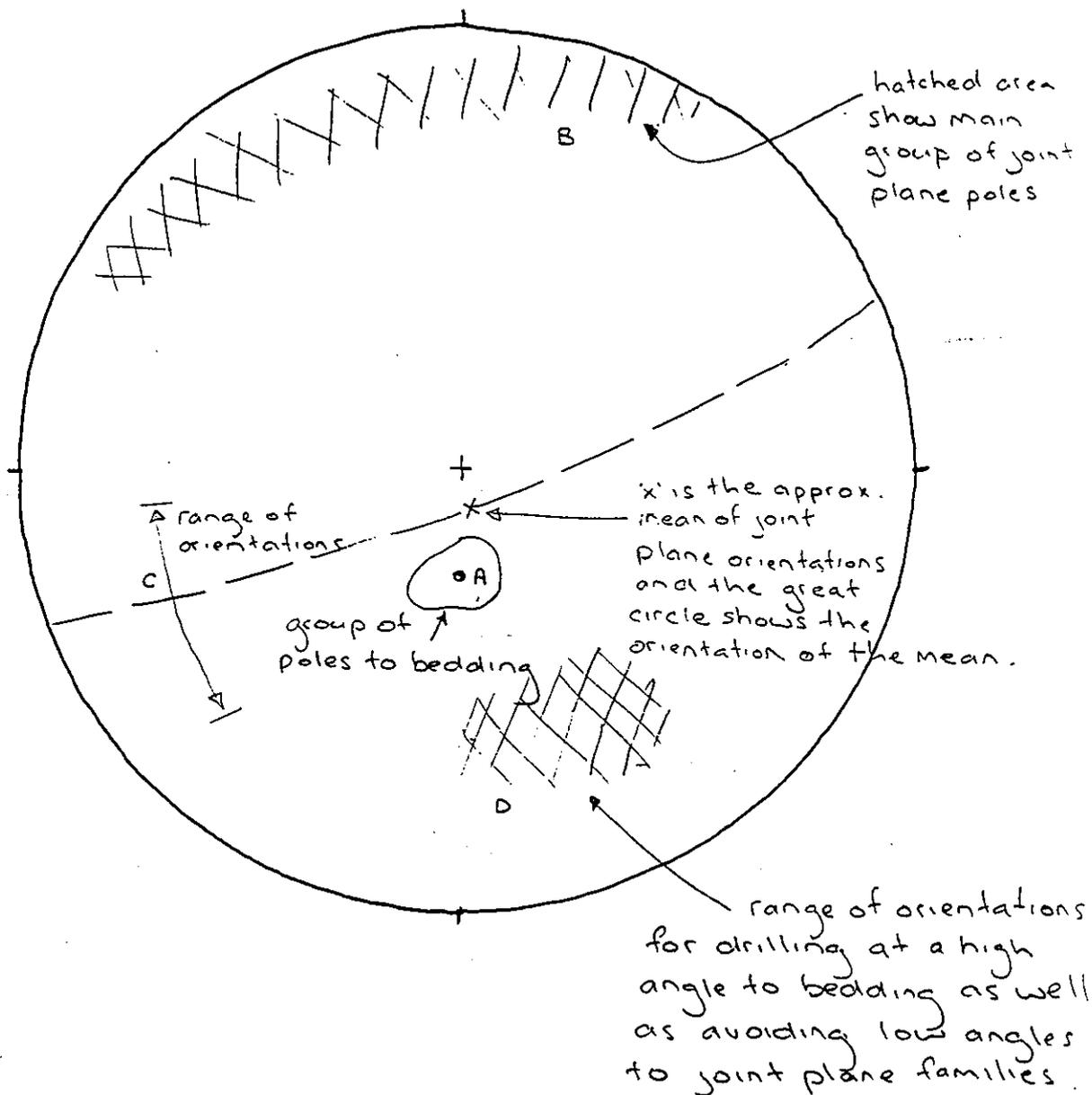


Area A shows the main grouping of poles to bedding for a typical site (similar to location 11). At high angle to the bedding planes are the range of poles to joint families shown at B. The mean of this distribution of joint planes is shown as X with the great circle representing the mean plane. For a drill hole to most efficiently represent the stratigraphy it should be orientated perpendicular to the bedding, but in many cases this will also place the hole orientation close to the orientation of maximum joint planes intersections. This may lead to poor recovery and difficulties in drilling. The ideal orientation can only be planned with representative sampling of the structure. Plotting of the structural planes onto the stereonet allows planning of a hole orientation at a high angle to bedding whilst avoiding the orientations of major joint intersections, such as at D.



Aberfoyle Resources Limited
HELLYER DIVISION

REVISIONS		
INIT.	CHECK	DATE

Figure 9: Relationships between major structural elements and drill hole orientations.

DRAWN		
CHECKED		
DESIGNED		
APPROVED		
SCALE		
DRAWING No.		