

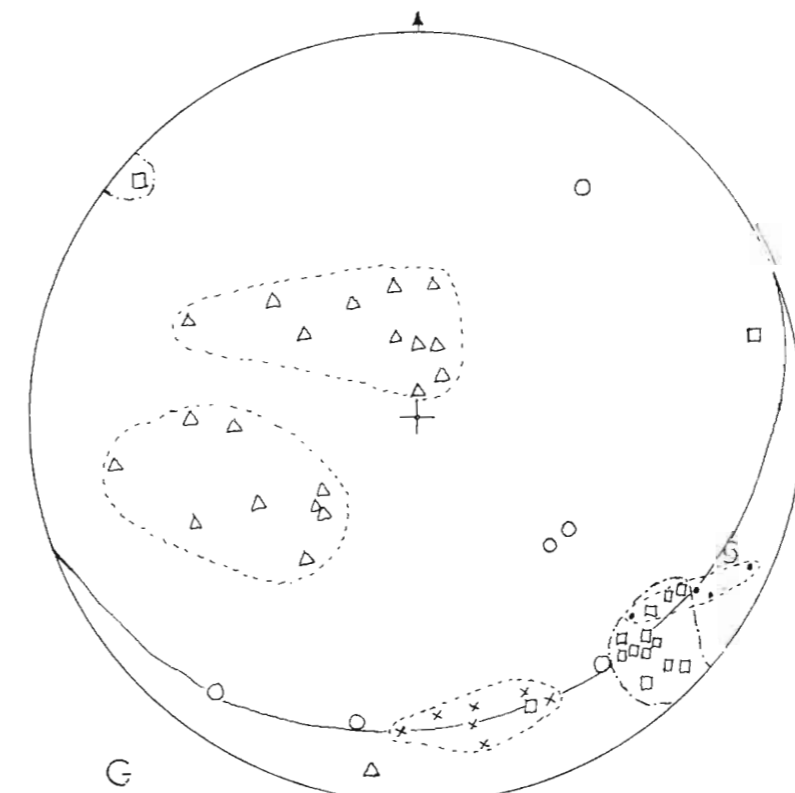
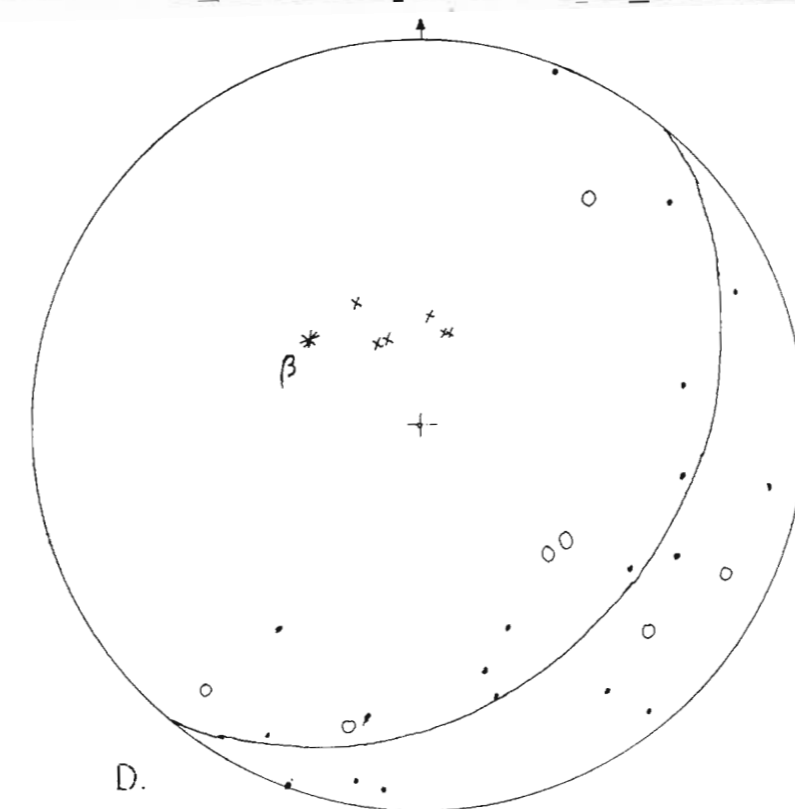
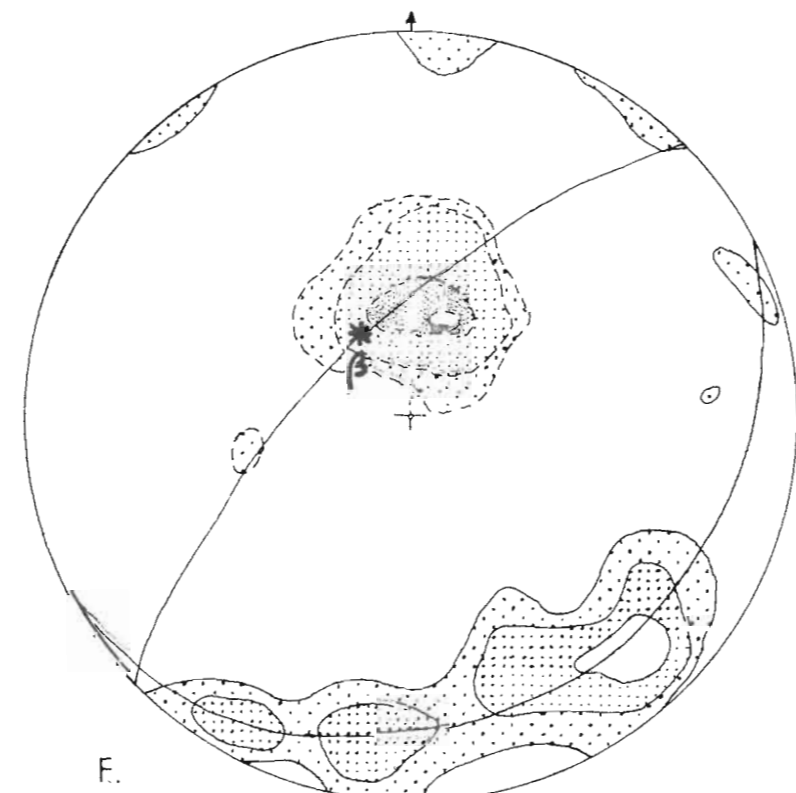
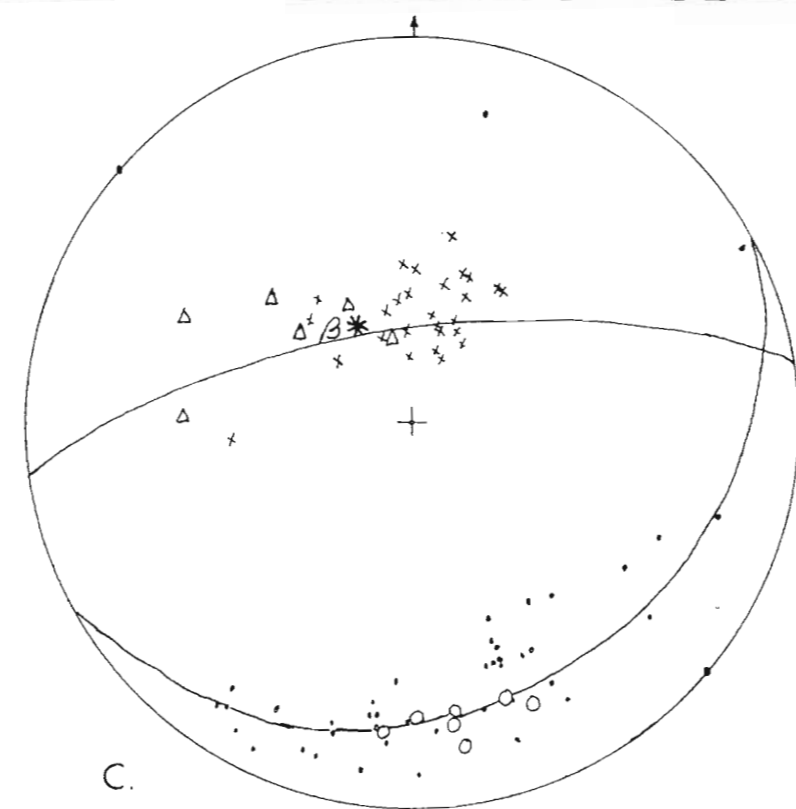
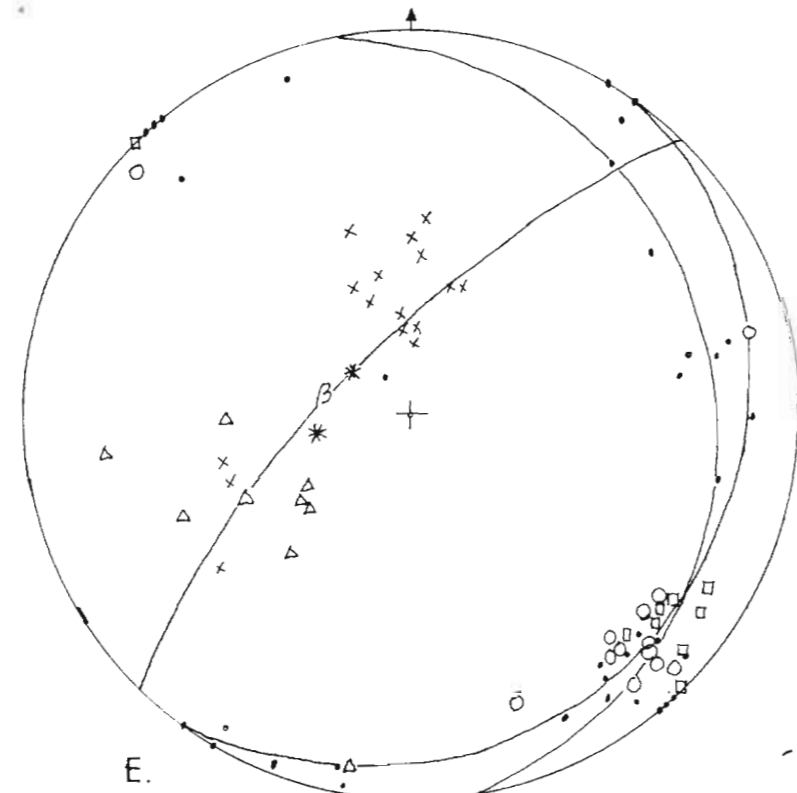
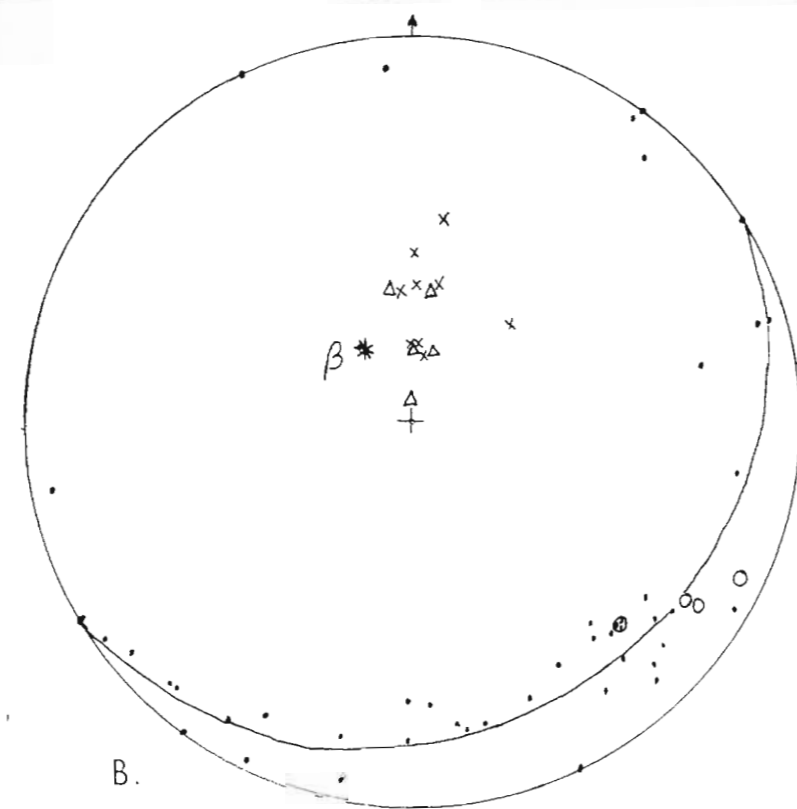
Figure 10. Structural analysis of the Sito West property.

A. Map of Sito West, showing the geology, structural subdivisions (IV), and traces of axial planes. The Quartzite Sequence, map unit 6, is indicated by the stippling.

B, C, D, & E. Equal-area diagrams for subareas I to IV. Poles to bedding \cdot ; schistosity Δ ; axial planes \circ ; augen \times ; and minor fold hinges \triangle , and the calculated fold hinge β^* .

Subarea I. F2 fold closure with 43 poles to bedding distributed in a great-circle girdle whose pole plunges 70° to 327° azimuth.

Subarea II. Major F3 anticline with 44 poles to bedding distributed in a great-circle girdle whose pole plunges 65° to 330° & an axial plane that strikes 081° & dips



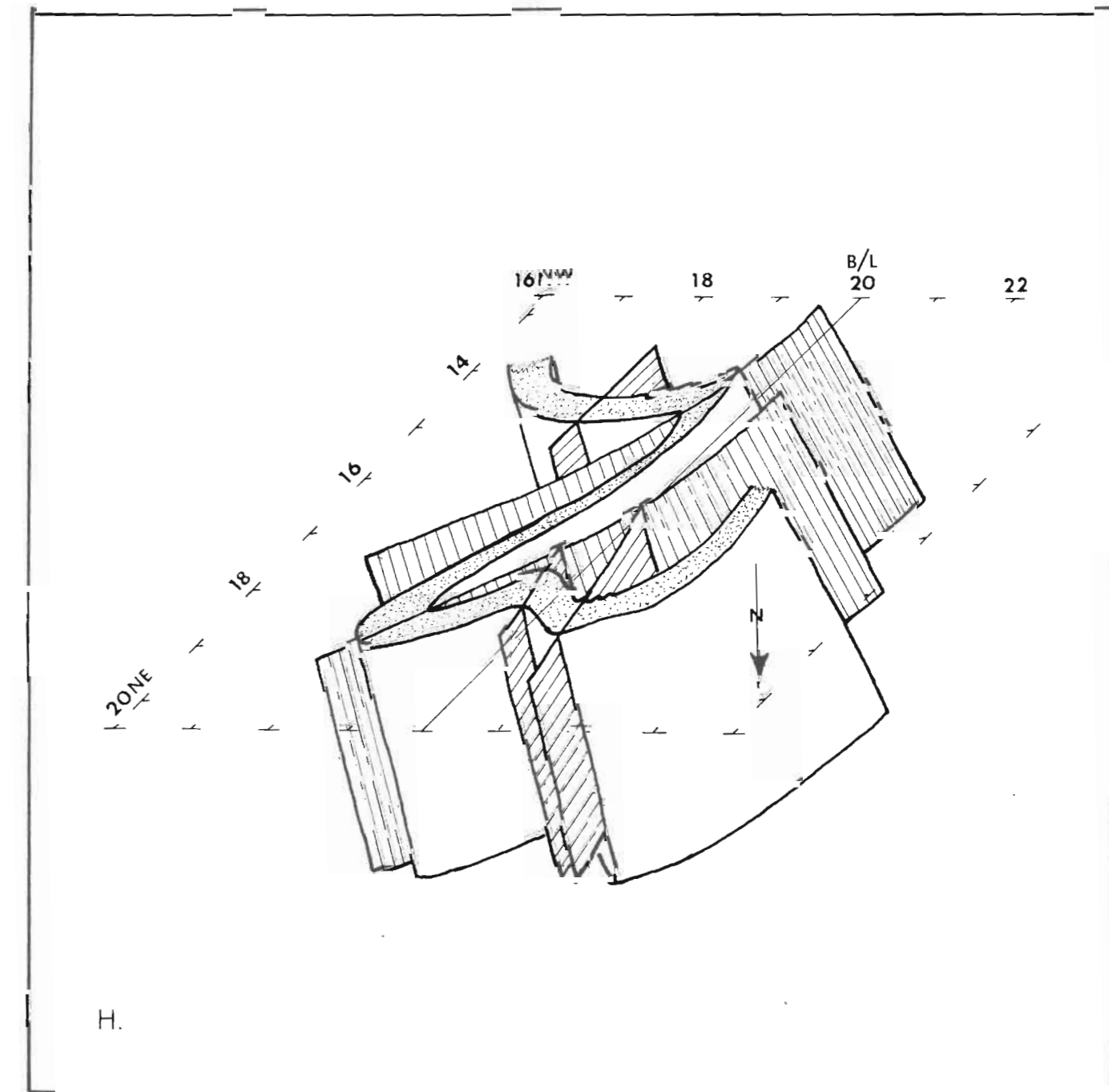
70° N. Note poor correlation of augen and minor fold hinges.

Subarea III. Major F3 syncline with 18 poles to bedding distributed in a great-circle girdle whose pole plunges 60° to 307° .

Subarea IV. F3 fold closure and possibly an F2 anticline with 37 poles to bedding and schistosity distributed in great-circle girdles whose poles plunge 75° to 309° & 70° to 260° . The average axial plane

strikes 044° & dips 75° NW.

F. Contoured equal-area diagram for 142 poles to bedding and schistosity (within solid lines; 2, 4 & 7% contours) and all augen 54 (within dashed lines; contours 3, 10, 20, & 25%) from Sito West. The average pole to planar structures is 70° to 332° with



an axial plane that strikes 045° and dips 71° NW. The augen have an average plunge of 70° to 000° .

G. Compilation of axial plane measurements and minor fold hinges Δ . Subarea I \cdot ; II \times ; III \circ ; & IV \square .

H. Three dimensional sketch of the Sito West fold structure.