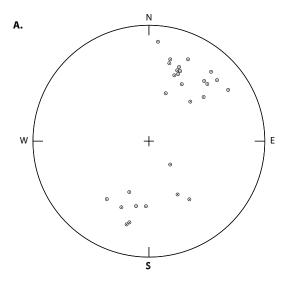
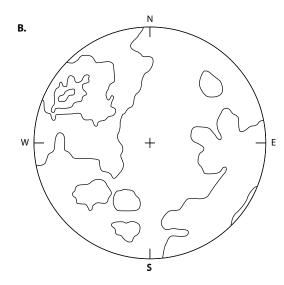


Twenty-two F_1 fold axes in the hinge area of the Cherokee Falls synform in the Blacksburg South quadrangle. The fold axes have been rotated in a plane oriented N46°E, 40°SE which is close to the orientation of the S_2 foliation in the synform.

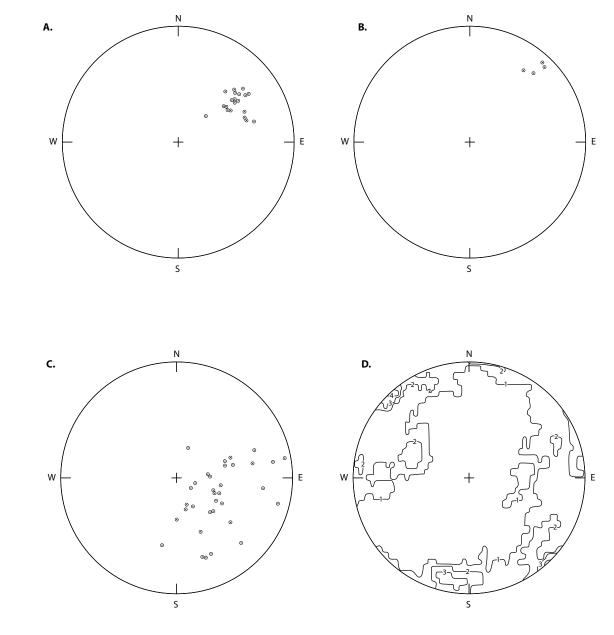
WLS COL 2.5-1





- A. Thirty F₂ fold axes.
- B. 305 poles to S₂ foliation. Contours are 0, 4, 8 and 12% per 1% unit area

Data from Blacksburg South and portions of the Gaffney and Kings Creek quadrangles.



- A. Thirty F₃ fold axes. Axial planes strike northeast and dip steeply northwest.
- B. Four F₄ fold exes. Axial planes strike northeast and northwest and have shallow northerly dips.
- C. Thirty-three F₅ fold axes. Axial planes strike northwest and kink planes strike northwest and northeast, both have near-vertical dips.
- D. 568 poles to joint planes. Contours are 1, 2, 3 and 4% per 1% unit area.

Data for A, B, and C from Blacksburg South and Gaffney quadrangles, Data for D from southeast corner of Blacksburg South quadrangle.

Modified after Schaeffer (1981)

WILLIAM STATES LEE III NUCLEAR STATION UNITS 1 & 2

Lower Hemisphere Equal Area Projections of Fold Axes and Foliations in Site Area

Rev 0