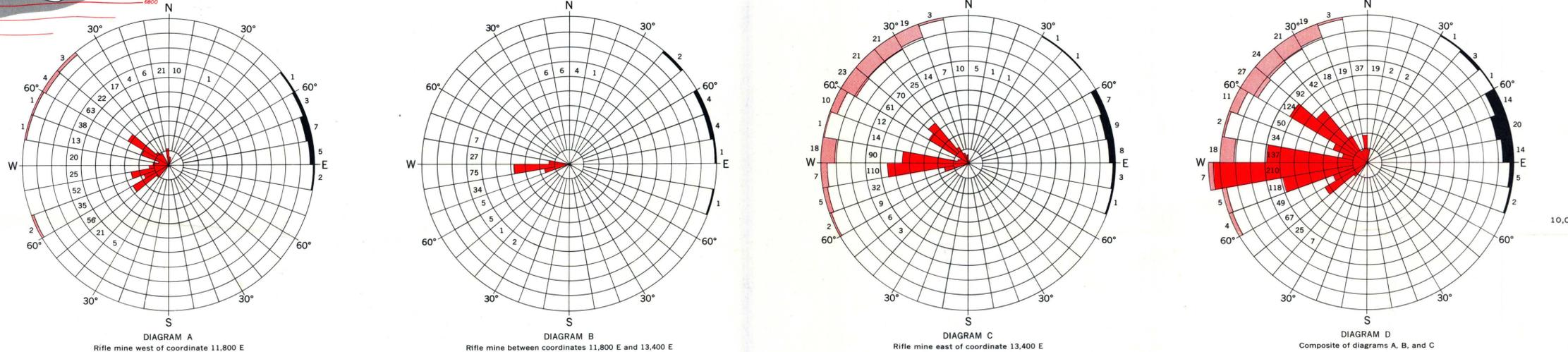


- EXPLANATION**
- Outcrop of base of Navajo(?) sandstone
 - ^{60°U} 3
D 11 Fault, showing dip and amount of displacement, in feet
Dashed where position of fracture or movement on it is uncertain; dotted line shows inferred connection between observed fractures. U, upthrown side; D, downthrown side
 - Fault at Chinle-Navajo(?) contact
Dashed where projected more than a few feet vertically or horizontally to contact
 - ²⁷ Joint, showing direction and amount of dip
Dotted line shows inferred connection between observed joints; dip directions and amount are shown on only a few representative joints
 - ²⁷ Strike and dip of Chinle-Navajo(?) contact
 - ⁷⁰⁰⁰ Structure contour on Chinle-Navajo(?) contact
Contour interval is 20 feet; datum is approximate mean sea level
 - Mine workings in No 1 vein and main haulage drifts at other stratigraphic levels
Short dashes show edge of workings below stopes
 - Mine workings in No 2 vein
 - Mine workings in No 3 vein
 - Mine workings in No 2 and No 3 veins
 - Ore chute
- NOTE: Geologic sections (see plate 4)

- EXPLANATION FOR RADIAL DIAGRAMS**
- 52 Number of joints bearing within a 10° arc
 - 18 Number of faults bearing within a 10° arc
 - 7 Number of rolls bearing within a 10° arc
- Because bidirectional features, such as these, need be plotted in only one direction to show general trends, the joints and faults are all plotted in the northwestern hemisphere, extending from N. 30° E. to S. 30° W., and the ore rolls are plotted in the opposite or southeastern hemisphere



FRACTURE PATTERN MAP OF THE RIFLE AND GARFIELD MINES, SHOWING STRUCTURE CONTOURS IN THE RIFLE MINE, GARFIELD COUNTY, COLORADO



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INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. M. R. 2634

Geology by R. P. Fischer, W. L. Stokes, and L. E. Smith, 1944; and R. P. Fischer, D. C. Hedlund, E. B. Ekren, R. T. Chew, 3d, H. S. Johnson, Jr., and D. D. Haynes, 1954