



**EXPLANATION**

Qu	Quaternary alluvium
hdi	Hornblende diorite (Mt. Juneau pluton)
gsc	Greenschist
bpl	Black phyllite
fpl	Felsic phyllite
cpl	Chlorite phyllite
fsc	Felsic schist
mgb	Metagabbro
fgm	Foliated quartz monzonite
- - -	Contact, dashed where inferred
↔	Fault, showing relative horizontal movement, upthrown and down-thrown sides, dashed where inferred
↺ ↻	Overtaken syncline, showing direction of dip of limbs and plunge
↘ ↙	Direction and plunge of fold axis
70°	Foliation, showing dip
○	Glory hole

**EXPLANATION**

- x = Pole to a plane (foliation, fault, joint)
- = Orientation of linear feature (fold axes, lineations, boudin axes)
- n = Number of data points

Best fit great circle giving orientation of folded fabric

Pole to great circle giving plunge and bearing of fold axis

data points

Great circle defining strike and dip of a plane

Scale, feet  
0 750  
Contour interval is 500 feet

**THE ALASKA JUNEAU MINE AREA**  
(northern portion)

Mapped by E. Redman and L. Miller, 85-87  
(modified in part from Wernecke, 1932)

Figure D-13. — Equal area net projections of structural components in the Alaska Juneau mineral system, northern section.