EXPLANATION

Romanzof granite

Very voluminous Neruokpuk formation

Neruokpuk formation

Mafic igneous rocks

Schistose rocks

Generalized contact (Dashed where inferred)

Strike and dip of cleavage

Strike and dip of cleavage and plunge of lineation

Horizontal cleavage

Strike and dip of schistosity

Strike and dip of schistosity and plunge of lineation

Strike of vertical schistosity

Strike and dip of gneissic or gneissoid granite foliation

Strike and dip of schistose zone (Schistosity in zone nearly parallel to trend)

Squares for which joint readings are shown in inset under projection. Lower hemisphere equal-area projection. Plus projection, number of poles in parentheses, north (N) pointing up. Solid contours 10, and 1 percent per square. Dashed contours indicate range. Percentages in area of pole maxima and 1 percent value in squares V and IX. Opposite for finde isolated joint poles of 2 percent value not plotted. Dots indicate poles of joints in small isolated sub-areas. Q, T, and C indicate poles of quartz, tourmaline, and chlorite veins not used in contour delineation

0 1 2 3 4 Miles

PLATE 4. MAP SHOWING ATTITUDES OF SECONDARY FOLIATION, SCHISTOSE ZONES, JOINTS, AND VEINS IN ROMANZOF MOUNTAINS, ALASKA.