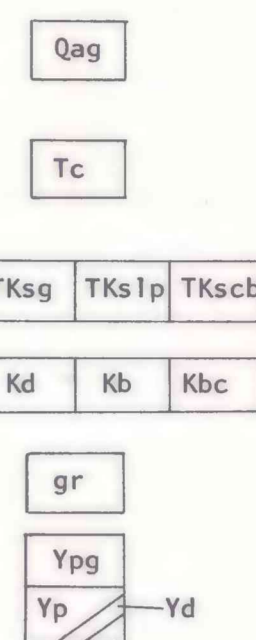


CORRELATION OF MAP UNITS



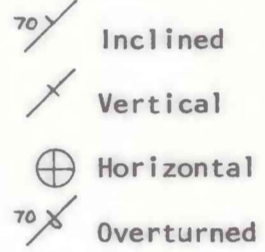
Qag--Glacial and alluvial material
Tc--Cataclastic rocks related to Newport fault zone

Rocks of Selkirk igneous complex
TKsm--Mixed granitic and metamorphic rocks
TKsg--Granitic rocks of Big Creek
TKslp--Mixed leucocratic granitic rocks
TKscb--Mafic granodiorite of Cavanaugh Bay
Kr--Granodiorite of Reeder Creek
Kd--Granodiorite of Dubius Creek
Kb--Monzogranite of Big Meadows
Kbc--Monzogranite of Blue Creek
gr--Undivided granitic rocks in McAbee Falls area

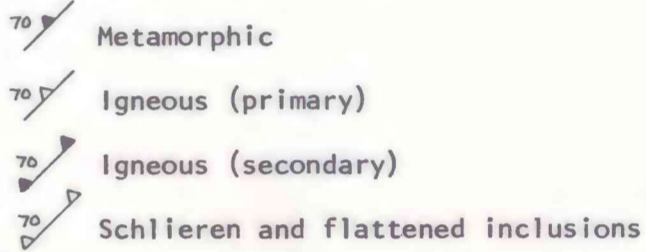
Belt Supergroup
Ypg--Prichard Formation and granitic rocks undivided
Yp--Prichard Formation; Yd, Metadiabase sills

--- CONTACT--Approximately located, queried where uncertain
- - - FAULT--Dashed where approximately located, dotted where concealed, queried where uncertain

STRIKE AND DIP OF BEDS



STRIKE AND DIP OF FOLIATION

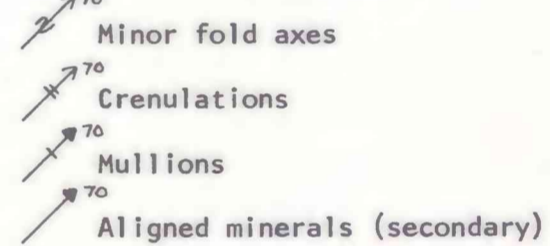


CLEAVAGE



SLICKENSIDED SURFACE--Slickensides directly down dip

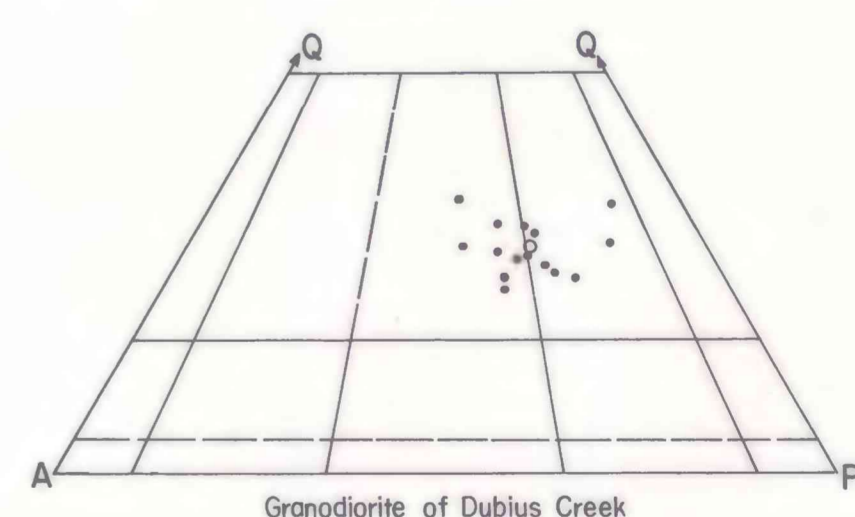
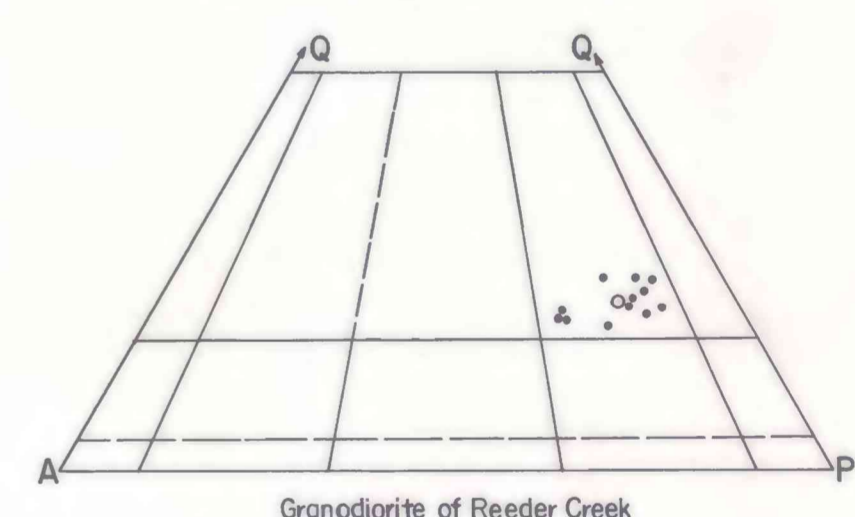
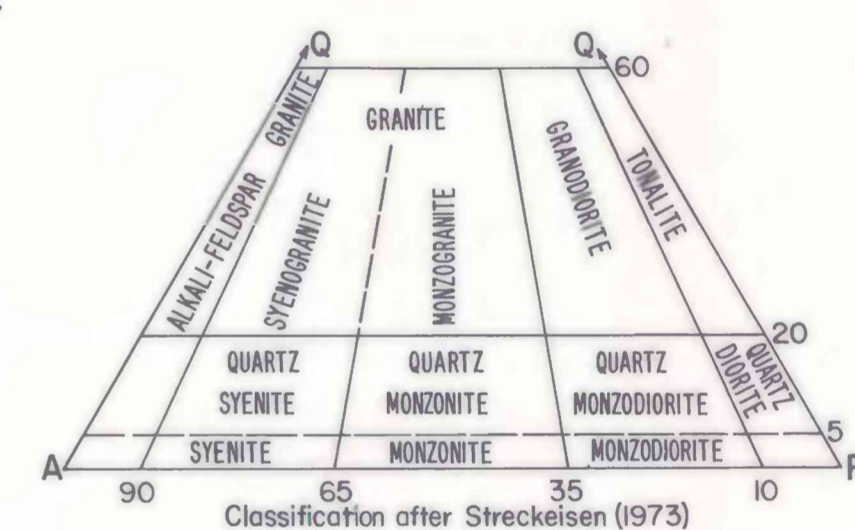
BEARING AND PLUNGE OF LINEATIONS



NOTE: Symbols may be used in combination

• [30] GAMMA RAY SCINTILLOMETER READING (Counts per second)

2 CATACLASTIC ZONE SUBDIVISION (See text)



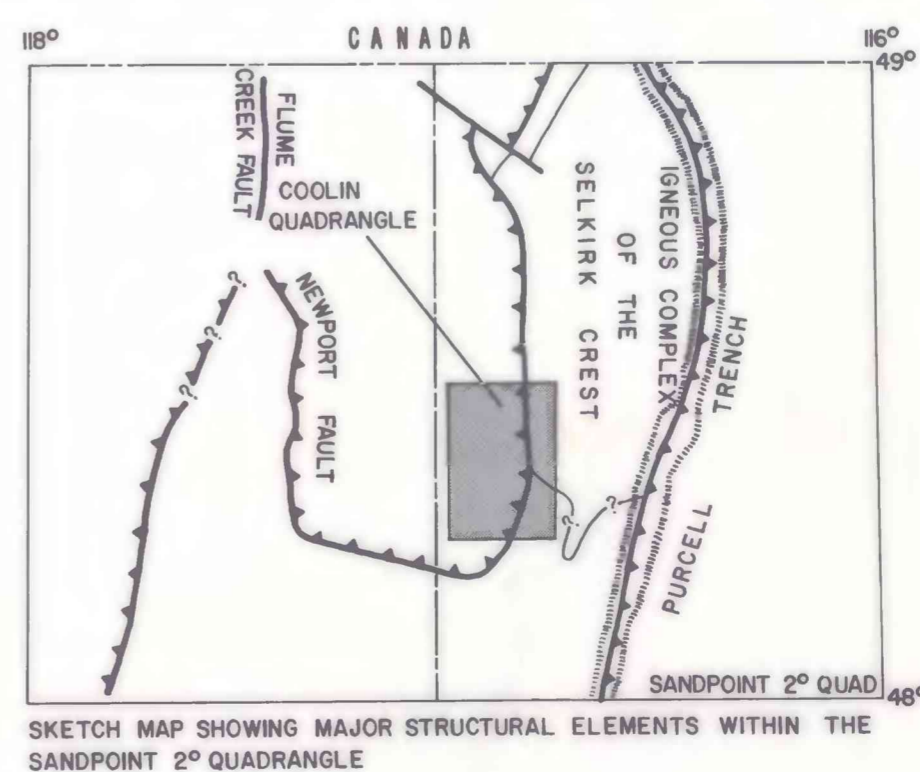
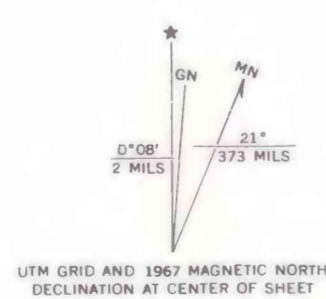
MODAL DIAGRAMS FOR GRANITIC ROCKS

Base from USGS 7.5' topographic series: Coolin (1967), Outlet Bay (1967), Quartz Mtn. (1967), Prater Mtn. (1967)

Geology by F.K. Miller, 1979 and 1980; assisted by E.A. Rodriguez, 1979, and K.E. Silver, 1979 and 1980

Scale 1:48,000

Contour interval 40 feet



SKETCH MAP SHOWING MAJOR STRUCTURAL ELEMENTS WITHIN THE SANDPOINT 2° QUADRANGLE

PRELIMINARY GEOLOGIC MAP OF THE COOLIN AREA, IDAHO

BY
F. K. MILLER
1982

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.