

Qag--Glacial and alluvial material
Qls--Landslide debris

Igneous complex of Selkirk Crest
TKsc--Granodiorite of Caribou Creek
TKsl--Mafic granodiorite of Lucky Creek
TKsk--Granodiorite of Search Lake
TKsp--Mixed granitic and metamorphic rocks of Look-out Mountain
TKsb--Monzogranite of Klootch Mountain
TKsrr--Mixed two-mica rocks of Ball Creek
TKssp--Granodiorite of Snow peak

Yp--Monzonite of Long Canyon

Belt Supergroup
Yp--Prichard Formation

gn--Porphyroblastic granitic gneiss

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

STRIKE AND DIP OF PLANER STRUCTURES

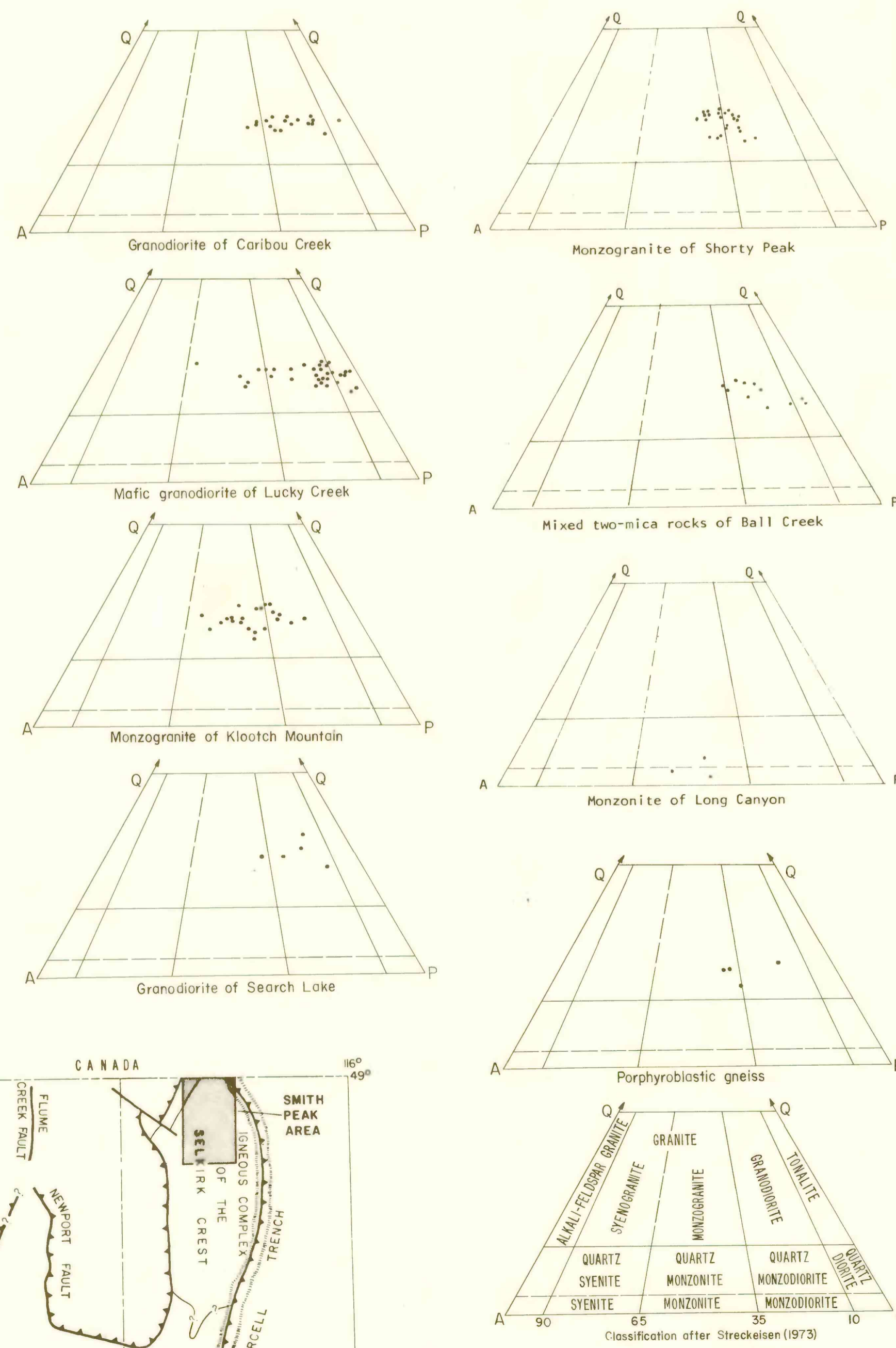
- 70° / Foliation (primary igneous), inclined
- 70° / Foliation (primary igneous), vertical
- 70° / Foliation (secondary igneous), inclined
- 70° / Foliation (metamorphic), inclined
- 70° / Foliation (metamorphic), vertical
- 70° / Schlieren and flattened inclusions, inclined
- 70° / Schlieren and flattened inclusions, vertical
- 70° / Aligned phenocrysts, inclined
- 70° / Aligned phenocrysts, vertical
- 70° / Pegmatite and alkali dikes

BEARING AND PLUNGE OF LINEATIONS

- 70° / Aligned minerals
- 70° / Aligned phenocrysts
- 70° / minor fold axes

NOTE: Symbols may be used in combination

● [90] GAMMA RAY SCINTILLOMETER READING (counts per second)



Base from USGS 7.5' topographic series: Smith Falls, 1968; Shorty Peak, 1969; Smith Peak, 1969; and Pyramid Peak, 1969

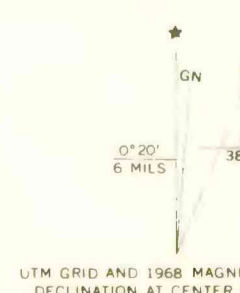
Geology by F.K. Miller, 1979, 1980, and 1981; assisted by E.A. Rodriguez, 1979; and K. E. Silver, 1980 and 1981



Scale 1:48,000

Contour interval 40 feet

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



PRELIMINARY GEOLOGIC MAP OF THE SMITH PEAK AREA,
BONNER AND BOUNDARY COUNTIES, IDAHO

BY
FRED K. MILLER

1983

