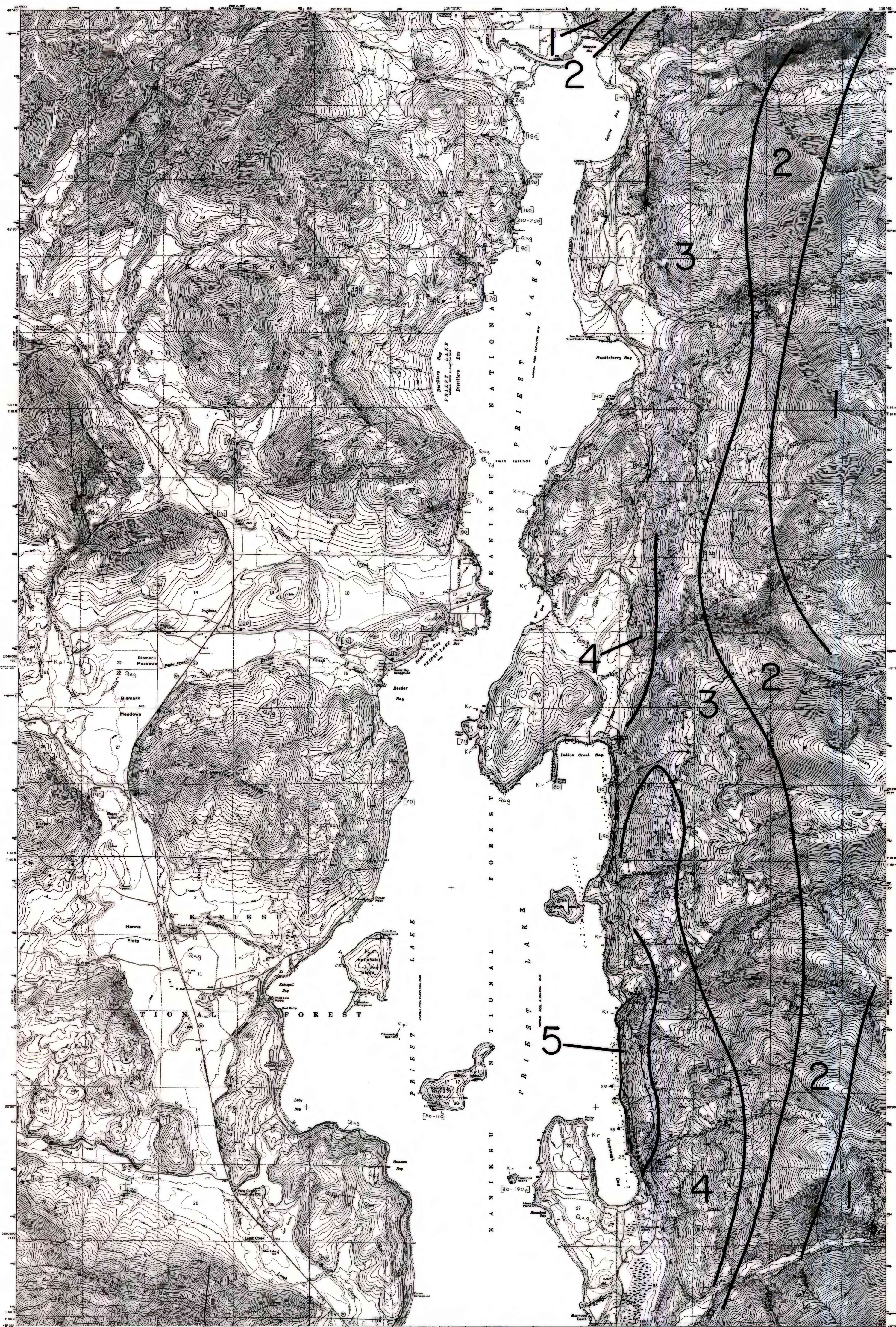
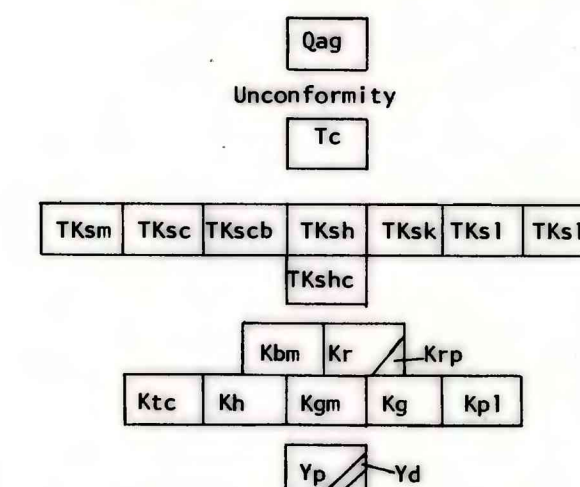


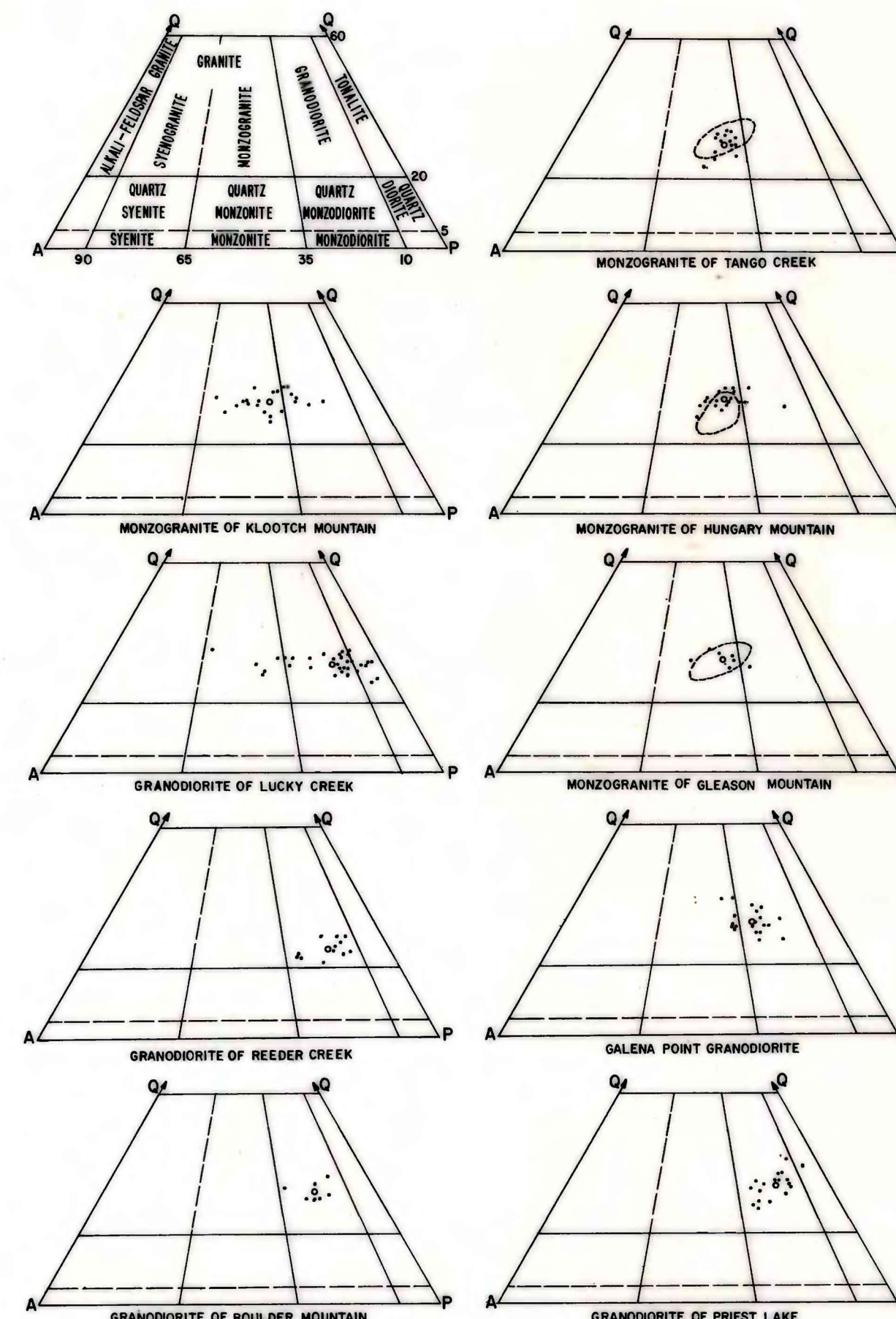


CORRELATION OF MAP UNITS



Qag--Glacial and alluvial material
Tc--Cataclastic rocks related to the Newport fault zone
Rocks of Selkirk igneous complex
TKsm--Mixed granitic and metamorphic rocks
TKsc--Mixed granitic rocks of Camels Prairie
TKsh--Mafic granodiorite of Cavanaugh Bay
TKsh--Two-mica granitic rocks of Norton Creek
TKsk--Monzogranite of Klootch Mountain
TKsl--Mixed granitic and metamorphic rocks of Lookout Mountain
TKslc--Mafic granodiorite of Lucky Creek
TKshc--Granodiorite of Hunt Creek
Krp--Granodiorite of Reeder Creek; Krp, porphyritic phase
Kbm--Granodiorite of Boulder Mountain
Ktc--Monzogranite of Tango Creek
Kh--Monzogranite of Hungry Mountain
Kgm--Monzogranite of Gleason Mountain
Kg--Galena Point Granodiorite
Kpl--Granodiorite of Priest Lake
Belt Supergroup
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 INCLINED BEDS
STRIKE AND DIP OF ALIGNED PHENOCRYSTS
STRIKE AND DIP OF FOLIATION
Primary igneous foliation
Smear out inclusions or planar streaks of dark minerals
Secondary foliation in igneous rock (cataclastic in most cases)
Metamorphic foliation
BEARING AND PLUNGE OF LINEATIONS
Primary mineral streaking in igneous rocks
Secondary mineral streaking in igneous rocks (cataclastic in most cases)
Minor fold axes
NOTE: Symbols may be used in combination
● [60] GAMMA RAY SCINTILLOMETER READING (counts per second)
2 CATACLASTIC ZONE SUBDIVISION (See text)



MODAL DIAGRAMS FOR GRANITIC ROCKS

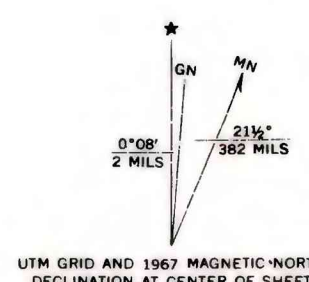
- Notes:
- 1) Open circles are averages of all points
 - 2) Dashed line on monzogranite of Tango Creek and monzogranite of Gleason Mountain diagrams represents field boundary of all modes of monzogranite of Hungry Mountain
 - 3) Dashed line on monzogranite of Hungry Mountain represents field boundary of all modes of monzogranite of Tango Creek
 - 4) Classification after Streckeisen (1973)

Base from USGS 7.5' topographic series: Priest Lake NE (1967), Priest Lake NW (1967), Priest Lake SE (1967), Priest Lake SW (1967)

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

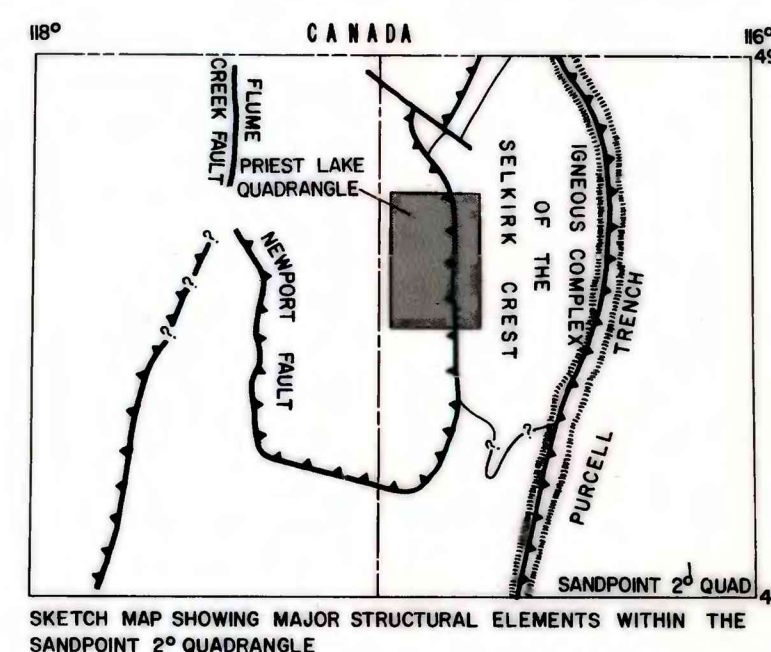
Scale 1:48,000

Contour interval 40 feet



PRELIMINARY GEOLOGIC MAP OF THE PRIEST LAKE 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.