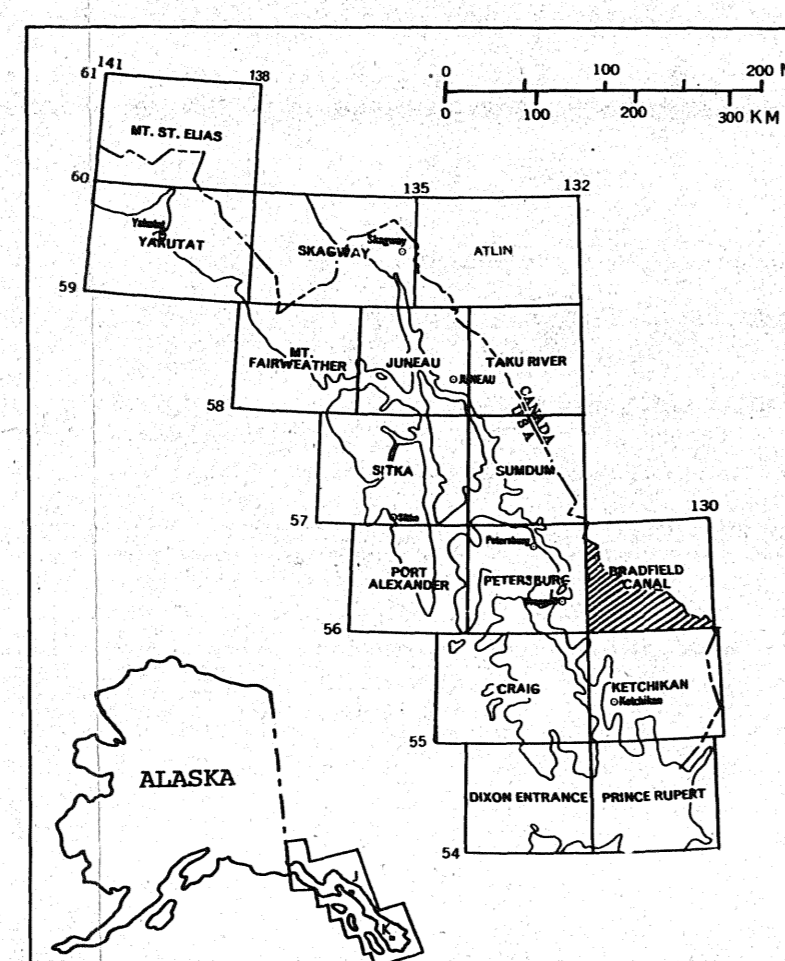
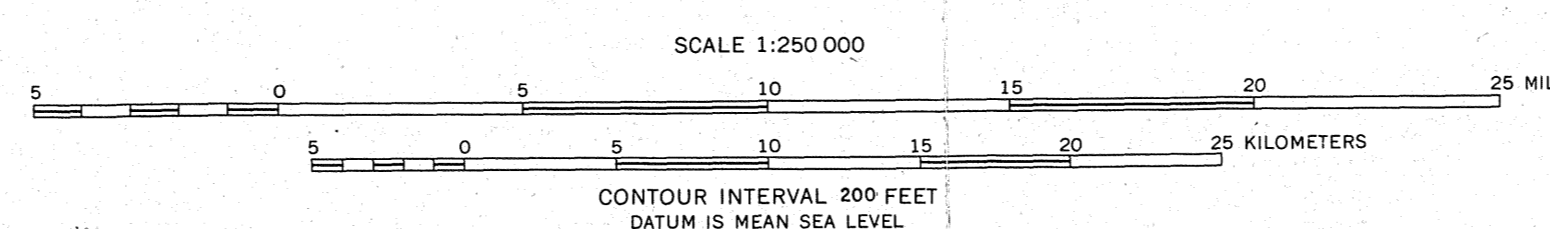
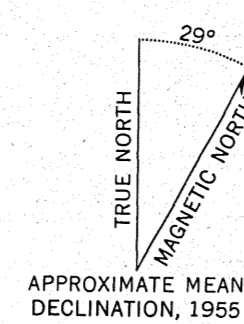


Base from USGS 1:250,000 topo series:
Bradfield Canal, 1955, ALASKA-CANADA.

Geology by H. C. Berg, D. A. Brew, A. L. Clark, W. H. Condon,
J. E. Decker, W. F. Diggle, G. C. Dunne, R. L. Elliott,
J. D. Gallinat, M. H. Hendrick, S. W. Karl, R. D. Koch,
M. L. Miller-Hoore, R. P. Morrell, J. G. Smith, and
R. A. Sonnevil, 1968-1979.

LEAD IN ROCK SAMPLES
(spectrographic determinations)



KEY TO LITHOLOGY GROUP SYMBOLS

- A - ALKALI-FELDSPAR GRANITE - Includes related dikes
- B - BASALT and ANDESITE - Includes dikes and flows, and laprophyre dikes
- C - CALCISILICATE and SKARN
- D - DIORITE and GABBRO - Includes minor metadiorite, hornblende, and ultramafic rocks
- F - FELSITE - some quartz-porphyritic. Includes dikes, flows(?), and breccias
- G - GRANITIC ROCKS - mainly massive and foliated quartz monzonite, granodiorite, and quartz diorite, with lesser alkalic, aplite, and pegmatite
- H - HORNBLende-RICH SCHIST and GNEISS - Includes amphibolite, greenschist, and other mafic metapelitic rocks
- N - MIDMITTLE and ORTHOGNEISS - Includes granitic gneiss (eg: granodiorite gneiss, quartz diorite gneiss, etc.)
- S - SCHIST and GNEISS - mainly pelitic and quartzofeldspathic schist and gneiss, and lesser non-schistose metasedimentary rocks
- V - VEINS

Unit Descriptions

- Qu UNCONSOLIDATED DEPOSITS, UNDIVIDED (Quaternary)
- Qtb BASALT (Quaternary and Tertiary?)
- Tgr ALKALI-FELDSPAR GRANITE WITH ASSOCIATED QUARTZ-PORPHYRITIC RHYOLITE DIKES AND FLOWS? (Miocene)
- Tgd BIOTITE-PYROXENE GABBRO, LOCALLY CONTAINS HORNBLende AND/OR OLIVINE (Miocene)
- Teg LEUCOCRATIC QUARTZ MONZONITE AND GRANODIORITE (Eocene)
- Tegd GRANODIORITE AND QUARTZ DIORITE (Eocene)
- Tqd QUARTZ DIORITE (Eocene or Paleocene)
- TKg LEUCOCRATIC QUARTZ MONZONITE AND GRANODIORITE (Tertiary and/or Cretaceous)
- TKgd GRANODIORITE AND QUARTZ DIORITE (Tertiary and/or Cretaceous)
- Kgd BIOTITE-HORNBLende QUARTZ DIORITE, PLAGIOCLASE-PORPHYRITIC BIOTITE GRANODIORITE/QUARTZ DIORITE, BOTH LOCALLY CONTAIN GARNET AND/OR EPIDOTE (Cretaceous)
- Tt TEXAS CREEK GRANODIORITE (Tertiary)
- Mpnm MIDMITTLE AND ORTHOGNEISS, WITH LESSER PARAGNEISS (Mesozoic and/or Paleozoic)
- Mppp PARAGNEISS AND ORTHOGNEISS, WITH LESSER AMPHIBOLITE AND MARBLE (Mesozoic and/or Paleozoic)
- Mppsp SCHIST AND PARAGNEISS, WITH LESSER AMPHIBOLITE AND MARBLE (Mesozoic and/or Paleozoic)
- Mppsv METASEDIMENTARY AND LESSER METAVOLCANIC ROCKS, WITH LOCAL MARBLE (Mesozoic and/or Paleozoic)