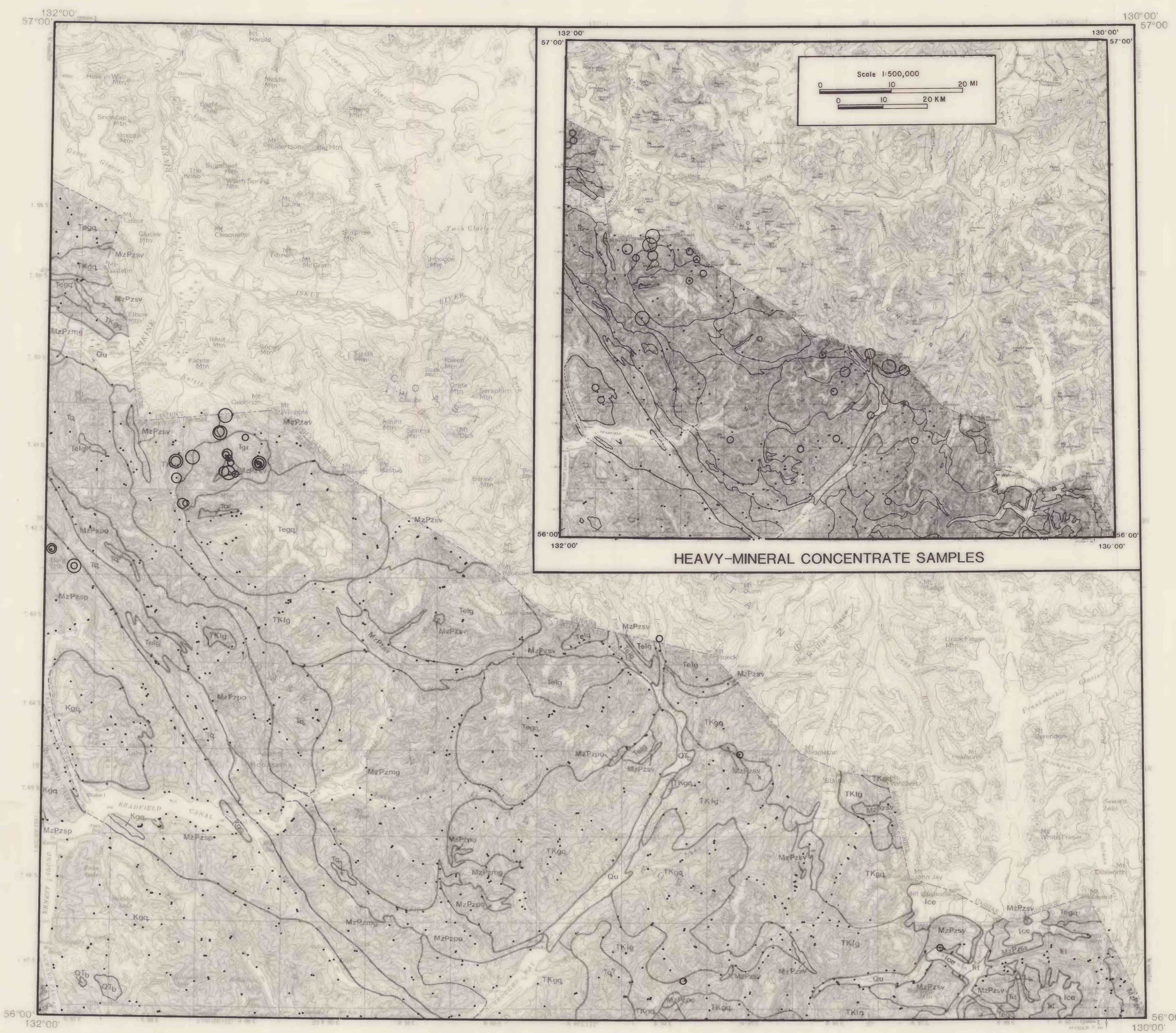


TIN IN STREAM SEDIMENTS
(spectrographic determinations)

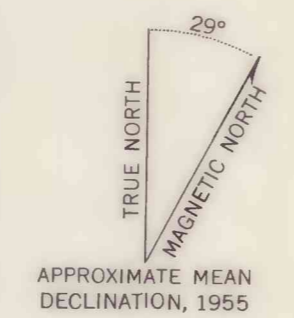
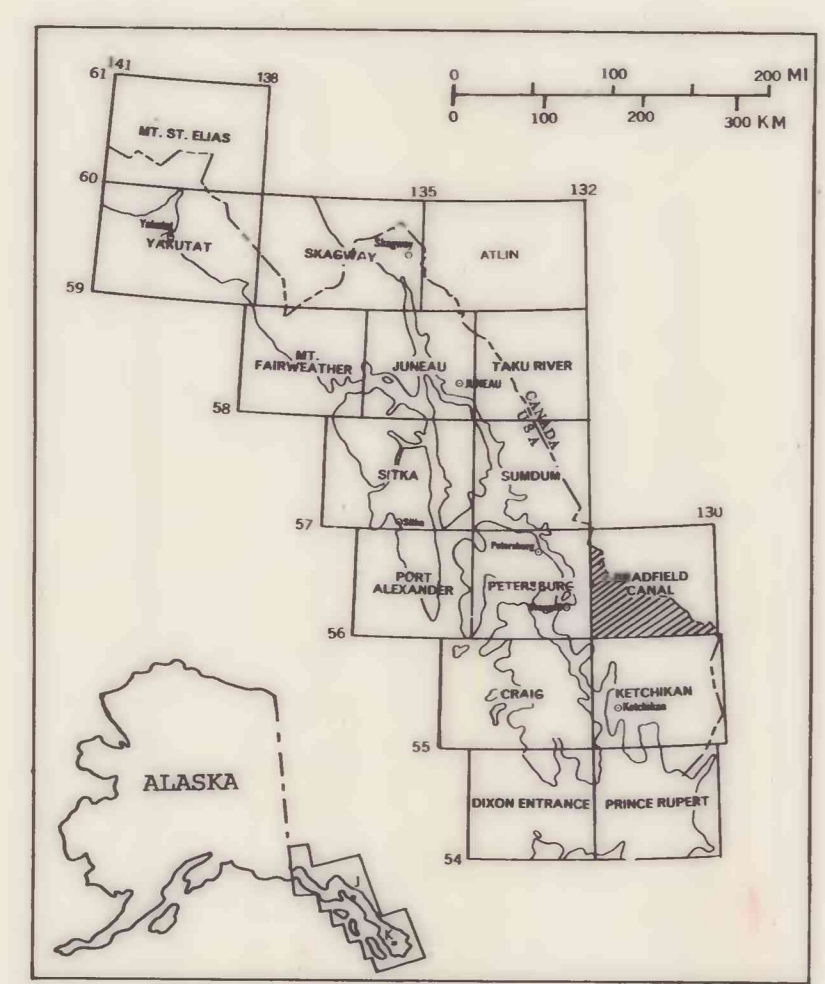
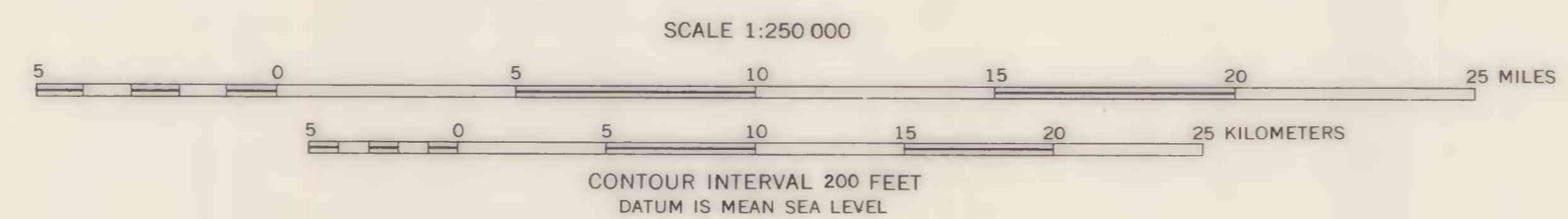
FOLIO OF THE BRADFIELD CANAL QUADRANGLE, ALASKA
KOCH AND ELLIOTT--GEOCHEMISTRY--Sn



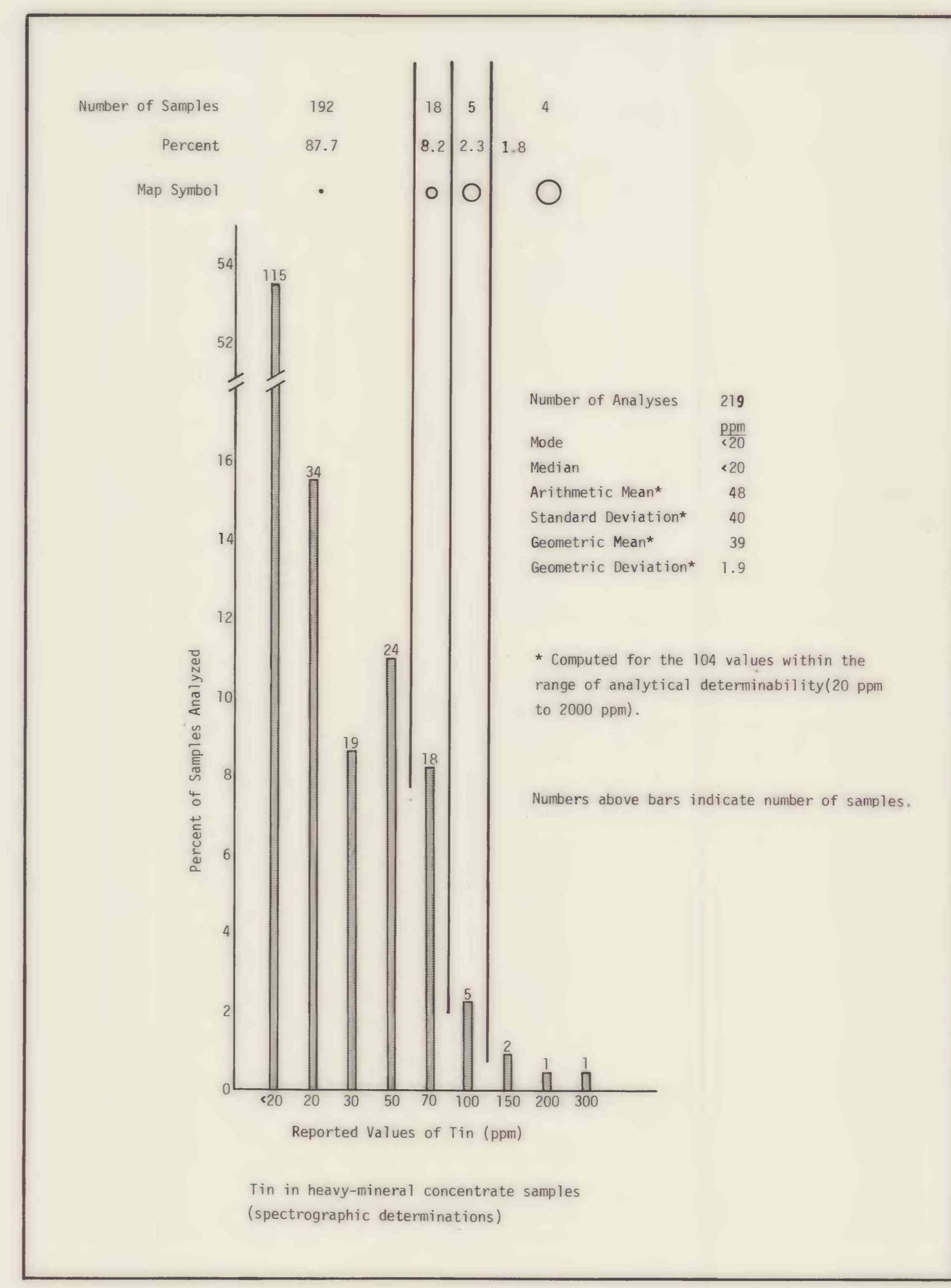
Base from USGS 1:250,000 topo series:
Bradfield Canal, 1955, ALASKA-CANADA.

STREAM-SEDIMENT SAMPLES

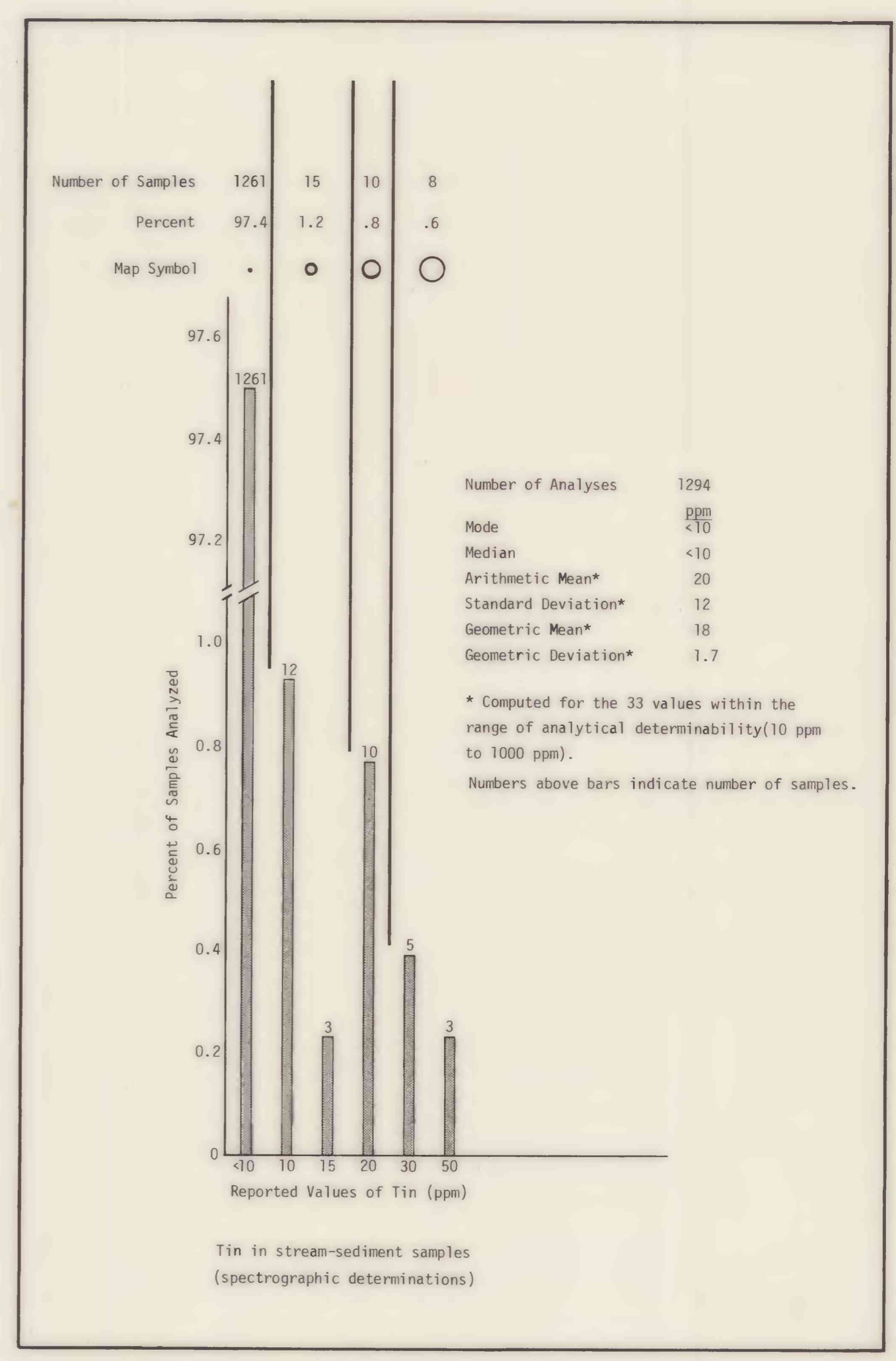
Geology by H. C. Berg, D. A. Brew, A. L. Clark, W. H. Condon,
J. E. Decker, M. F. Diggles, G. C. Dunne, R. L. Elliott,
J. D. Gallinatti, M. H. Hendrick, S. M. Karl, R. D. Koch,
M. L. Miller-Hoare, R. P. Morrell, J. G. Smith, and
R. A. Sonnevil, 1968-1979.



- Unit Descriptions
- Qu UNCONSOLIDATED DEPOSITS, UNDIVIDED (Quaternary)
 - Qt BASALT (Quaternary and Tertiary?)
 - Tgr ALKALI-FELDSPAR GRANITE WITH ASSOCIATED QUARTZ-PORPHYRITIC RHYOLITE DIKES AND FLOWS(?) (Miocene)
 - Tgb BIOTITE-PYROXENE GABBRO, LOCALLY CONTAINS HORNBLENDE AND/OR OLIVINE (Miocene)
 - Telg LEUCOCRATIC QUARTZ MONZONITE AND GRANODIORITE (Eocene)
 - Tegq GRANDIORITE AND QUARTZ DIORITE (Eocene)
 - Tq QUARTZ DIORITE (Eocene or Paleocene)
 - TKlg LEUCOCRATIC QUARTZ MONZONITE AND GRANODIORITE (Tertiary and/or Cretaceous)
 - TKgq GRANDIORITE AND QUARTZ DIORITE (Tertiary and/or Cretaceous)
 - Tpgs BIOTITE-HORNBLENDE QUARTZ DIORITE, PLAGIOCLASE-PORPHYRITIC BIOTITE GRANODIORITE/QUARTZ DIORITE, BOTH LOCALLY CONTAIN GARNET AND/OR EPIDOTE (Cretaceous)
 - Tt TEXAS CREEK GRANDIORITE (Triassic)
 - MzPzm MIDAMTITE AND ORTHOGNEISS, WITH LESSER PARAGNEISS (Mesozoic and/or Paleozoic)
 - MzPzp PARAGNEISS AND ORTHOGNEISS, WITH LESSER AMPHIBOLITE AND MARBLE (Mesozoic and/or Paleozoic)
 - MzPsp SCHIST AND PARAGNEISS, WITH LESSER AMPHIBOLITE AND MARBLE (Mesozoic and/or Paleozoic)
 - MzPsv METASEDIMENTARY AND LESSER METAVOLCANIC ROCKS, WITH LOCAL MARBLE (Mesozoic and/or Paleozoic)



Tin in heavy-mineral concentrate samples
(spectrographic determinations)



Tin in stream-sediment samples
(spectrographic determinations)

MAPS SHOWING DISTRIBUTION AND ABUNDANCE OF TIN IN GEOCHEMICAL SAMPLES FROM THE BRADFIELD CANAL QUADRANGLE, SOUTHEASTERN ALASKA

by
R. D. KOCH AND R. L. ELLIOTT

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