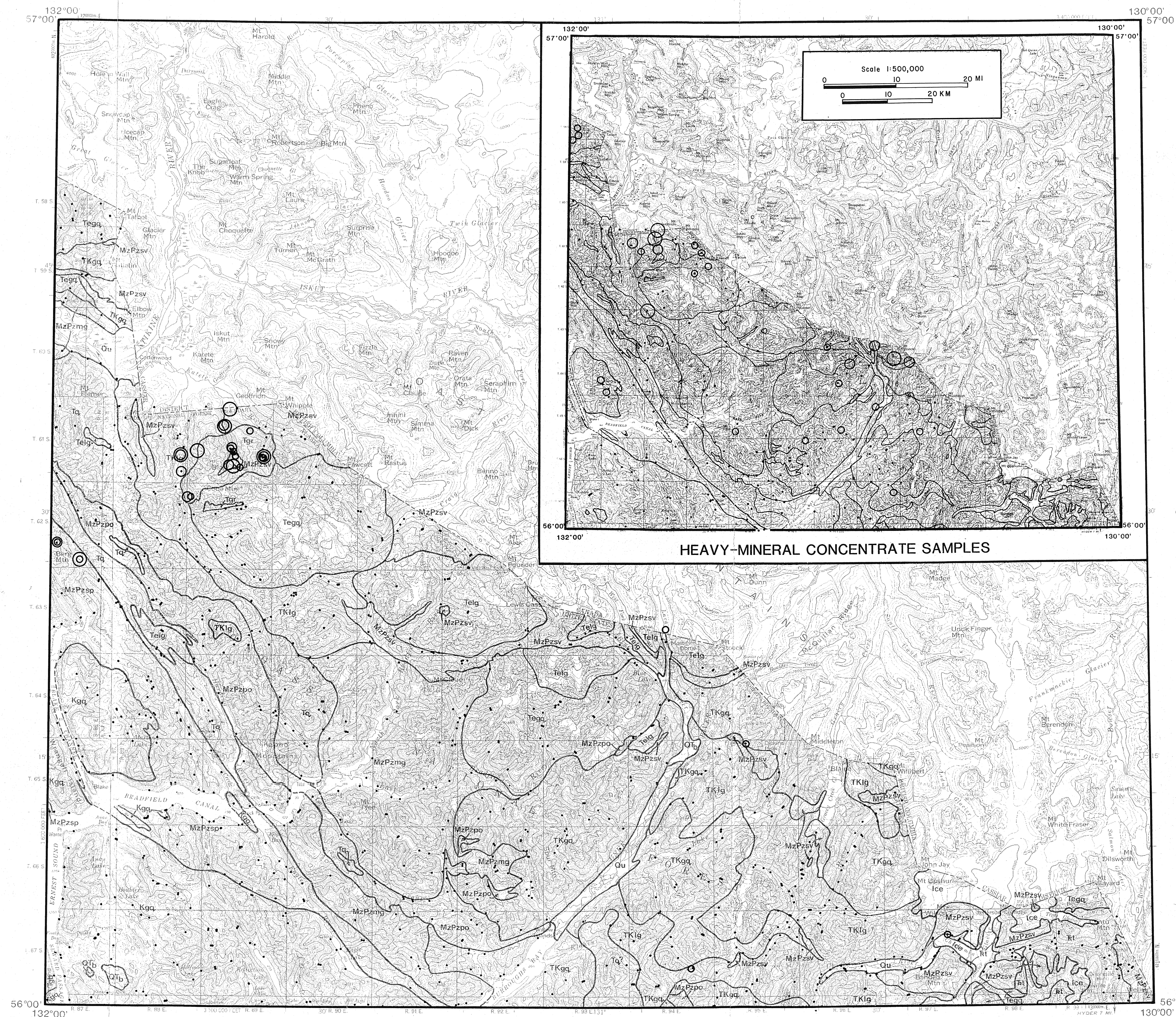


TIN IN STREAM SEDIMENTS
(spectrographic determinations)

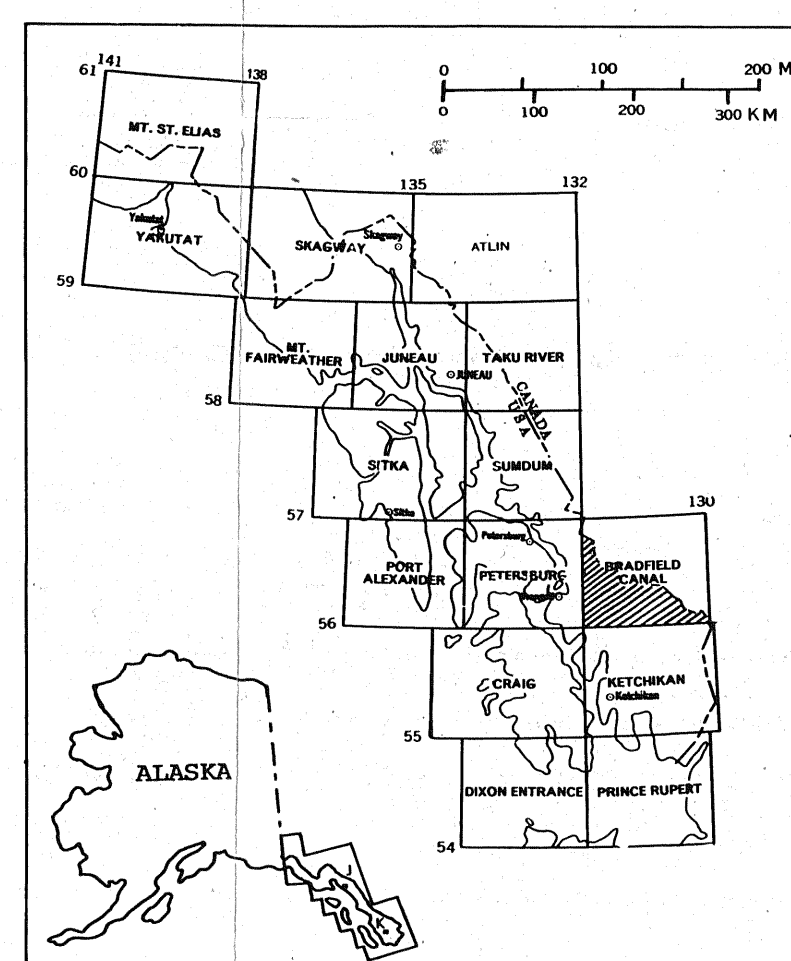
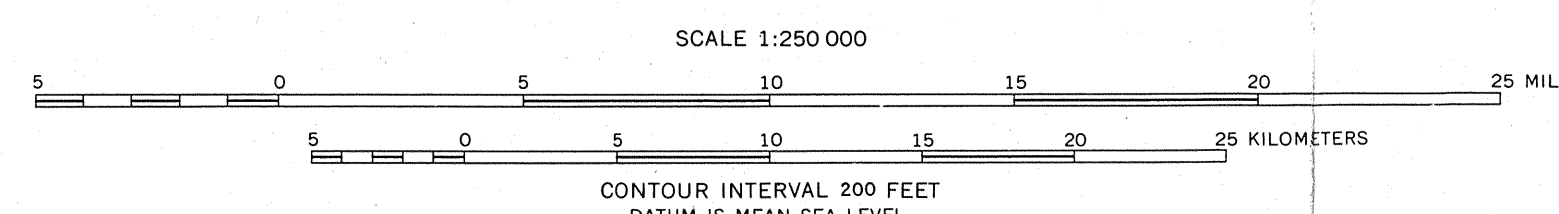


HEAVY-MINERAL CONCENTRATE SAMPLES

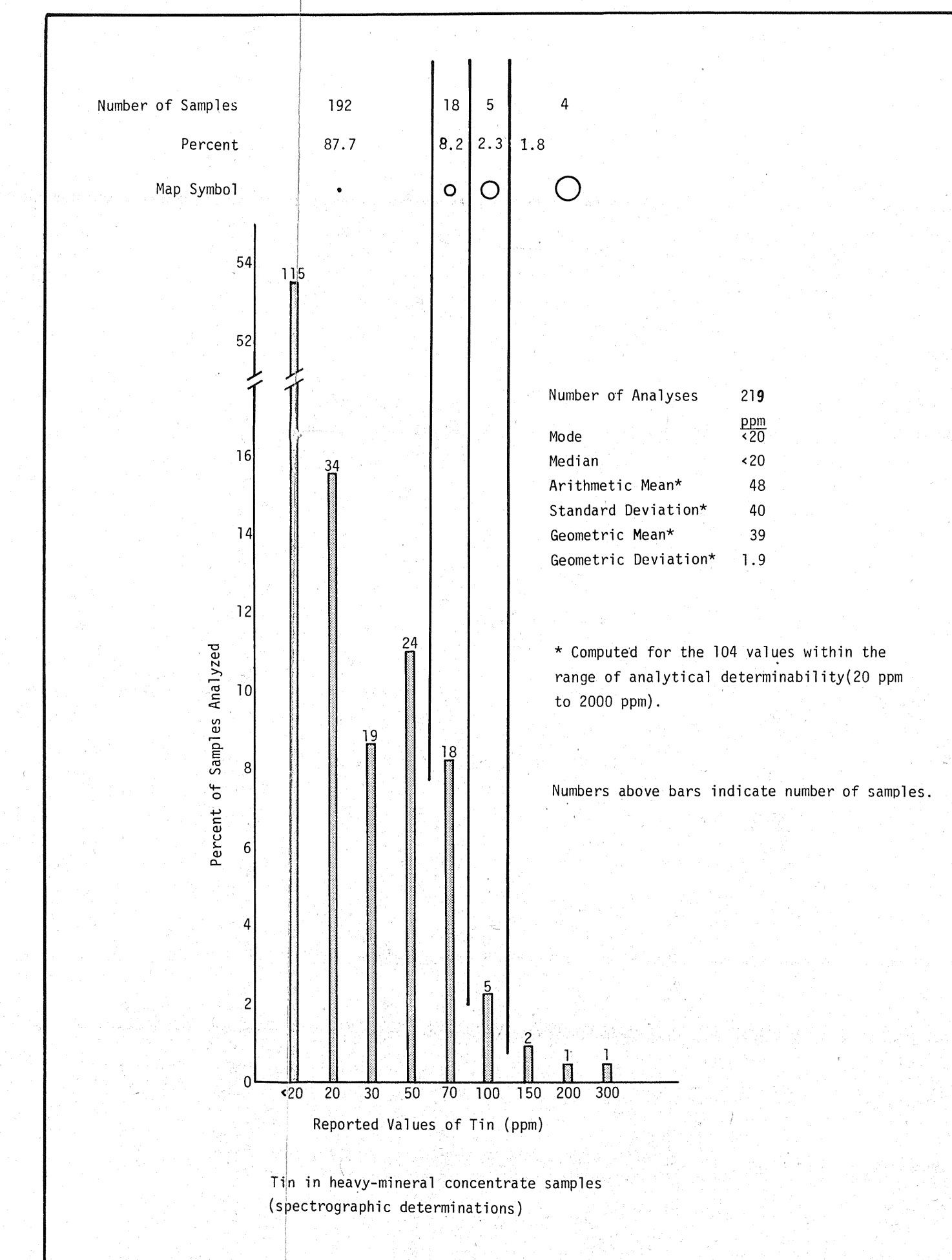
STREAM-SEDIMENT SAMPLES

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

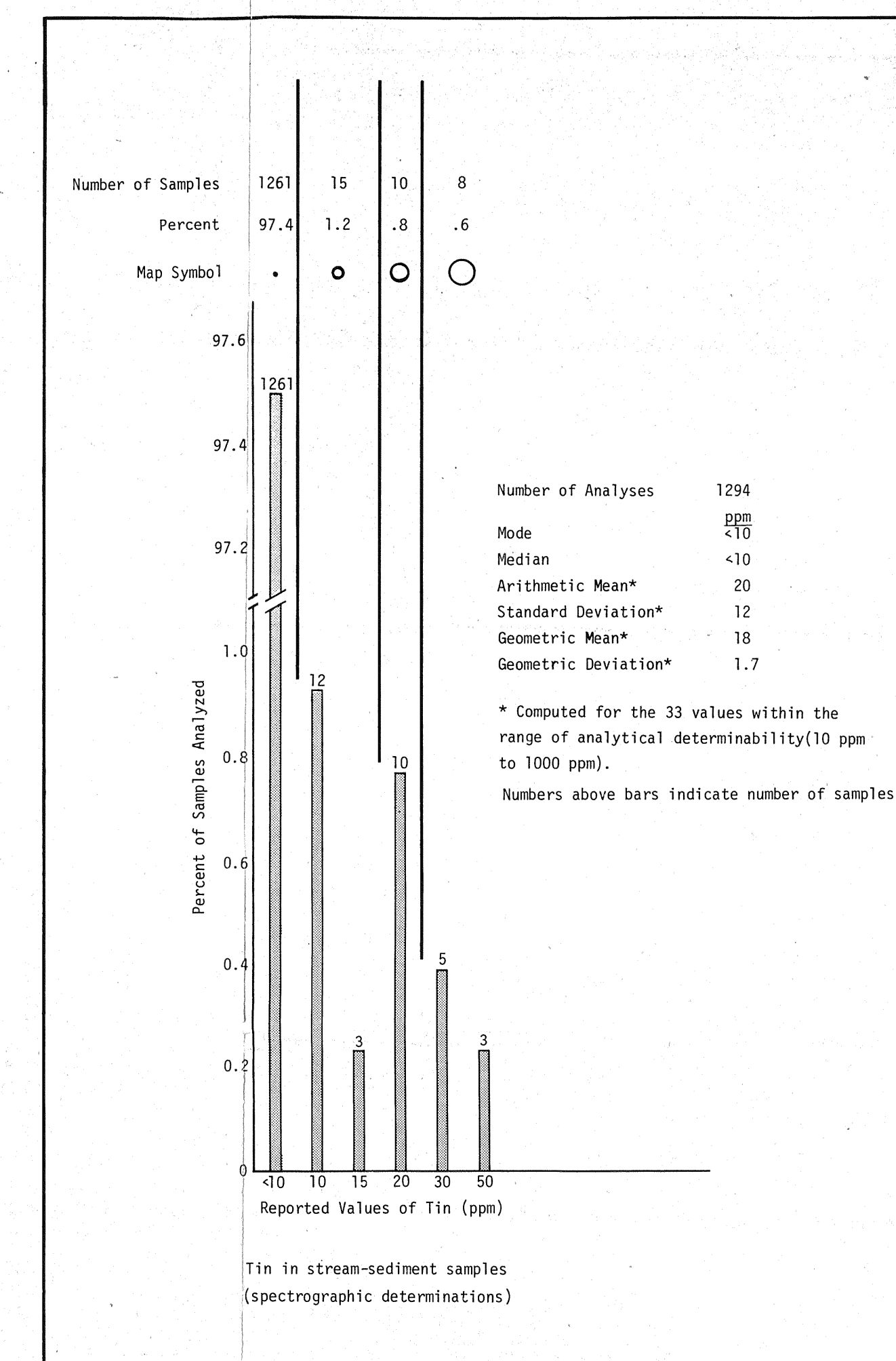
Geology by H. C. Berg, D. A. Brew, A. L. Clark, W. H. Condon,
J. E. Decker, M. F. Digles, G. C. Dunne, R. L. Elliott,
J. D. Gallinetti, M. H. Hendricks, S. M. Karl, R. D. Koch,
M. L. Miller-Hoare, R. P. Morrell, J. G. Smith, and
R. A. Sonnevil, 1968-1979.



- Unit Descriptions
- Qu UNCONSOLIDATED DEPOSITS, UNDIVIDED (Quaternary)
 - Qt BASALT (Quaternary and Tertiary?)
 - Tp ALKALI-FELDSPAR GRANITE WITH ASSOCIATED QUARTZ-PORPHYRYIC RHYOLITE DICES AND FLOWES (?) (Miocene)
 - TpB BIOTITE-PHYCENE GABBRO, LOCALLY CONTAINS HORNBLENDE AND/OR OLIVINE (Miocene)
 - TpG LEUCOCRATIC QUARTZ MONZONITE AND GRANODIORITE (Eocene)
 - TpGd GRANODIORITE AND QUARTZ DIORITE (Eocene)
 - TpQ QUARTZ DIORITE (Eocene or Paleocene)
 - TpG LEUCOCRATIC QUARTZ MONZONITE AND GRANODIORITE (Tertiary and/or Cretaceous)
 - TpGd GRANODIORITE AND QUARTZ DIORITE (Tertiary and/or Cretaceous)
 - KpG BIOTITE-HORNBLENDE QUARTZ DIORITE, PLAGIOCLASE-PORPHYRYIC BIOTITE GRANODIORITE, QUARTZ DIORITE, BOTH LOCALLY CONTAIN GARNET AND/OR EPIDOTE (Cretaceous)
 - Tt TEXAS CREEK GRANODIORITE (Triassic)
 - MePm MIGNONITE AND ORTHONEISS, WITH LESSER PARAGNEISS (Mesozoic and/or Paleozoic)
 - MePp PARAGNEISS AND ORTHONEISS, WITH LESSER AMPHIBOLITE AND MARBLE (Mesozoic and/or Paleozoic)
 - MePsp SCHIST AND PARAGNEISS, WITH LESSER AMPHIBOLITE AND MARBLE (Mesozoic and/or Paleozoic)
 - MePev 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

1981

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