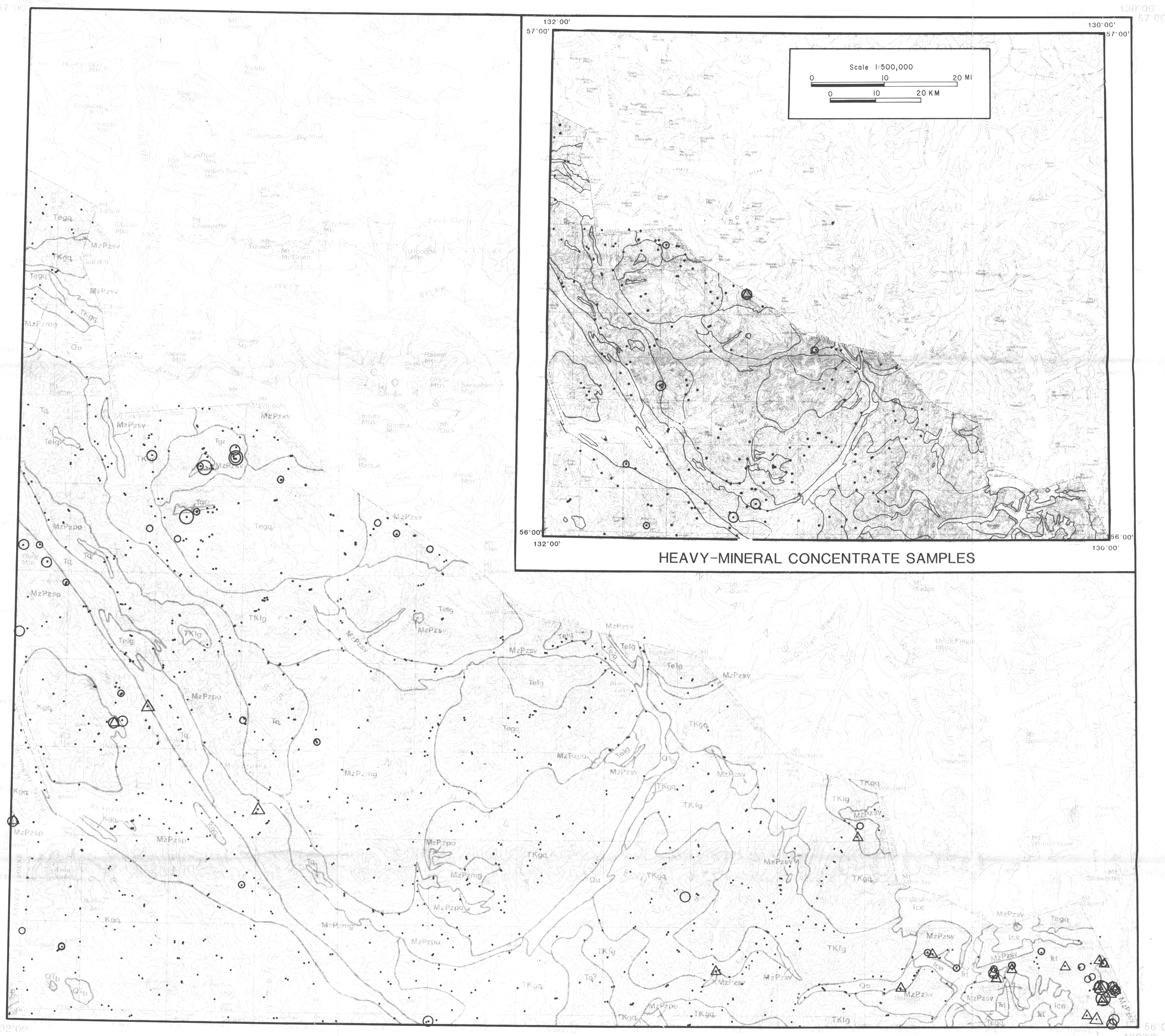


FOLIO OF THE BRADFIELD CANAL QUADRANGLE, ALASKA
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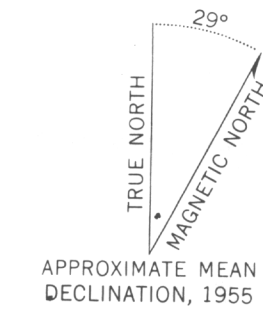
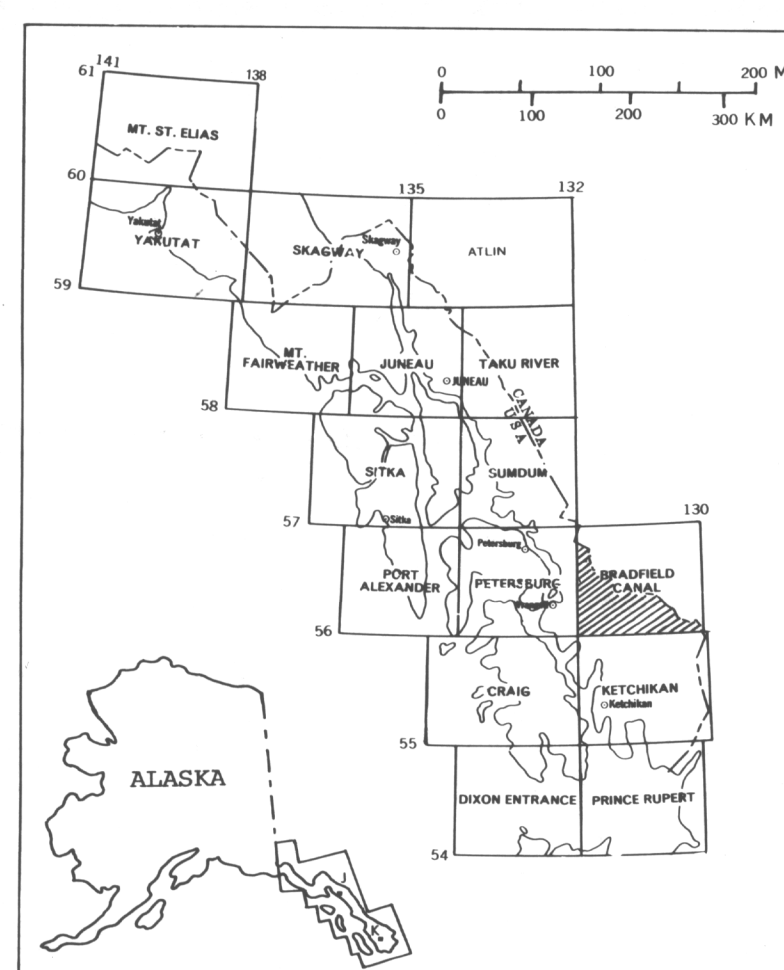
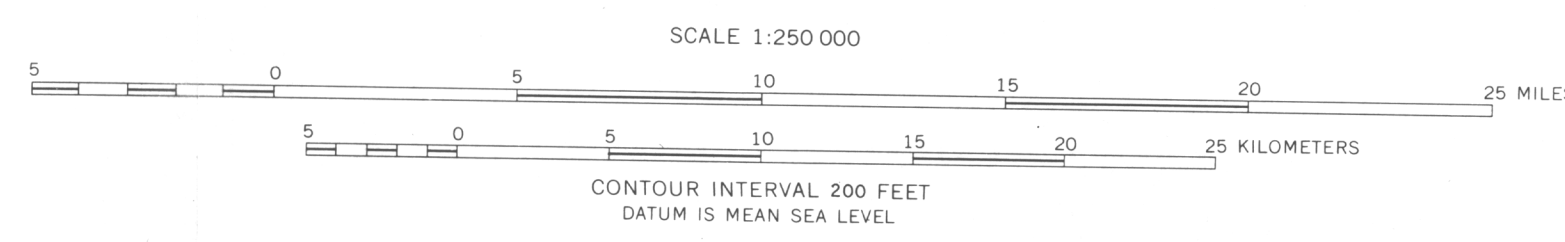


HEAVY-MINERAL CONCENTRATE SAMPLES

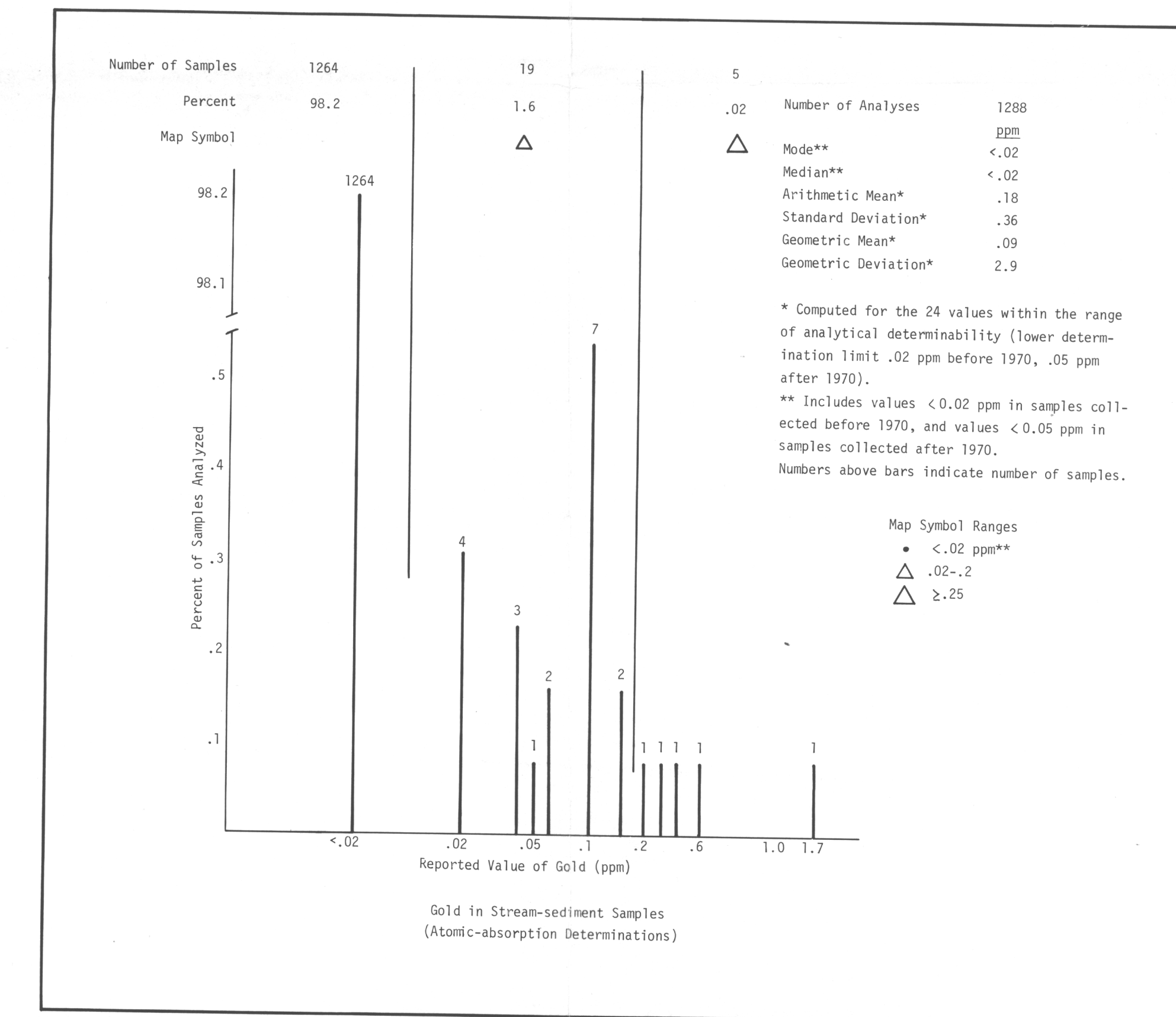
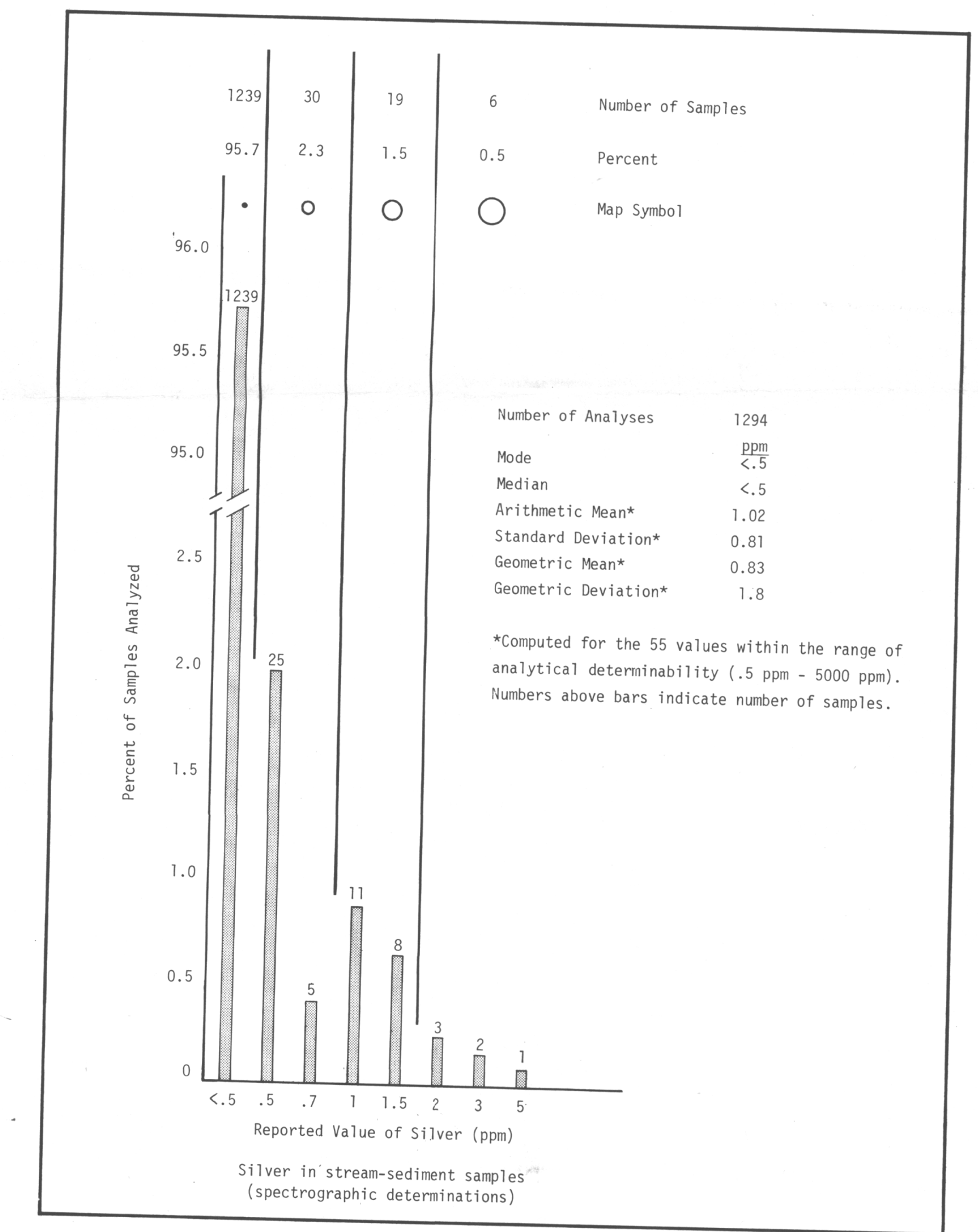
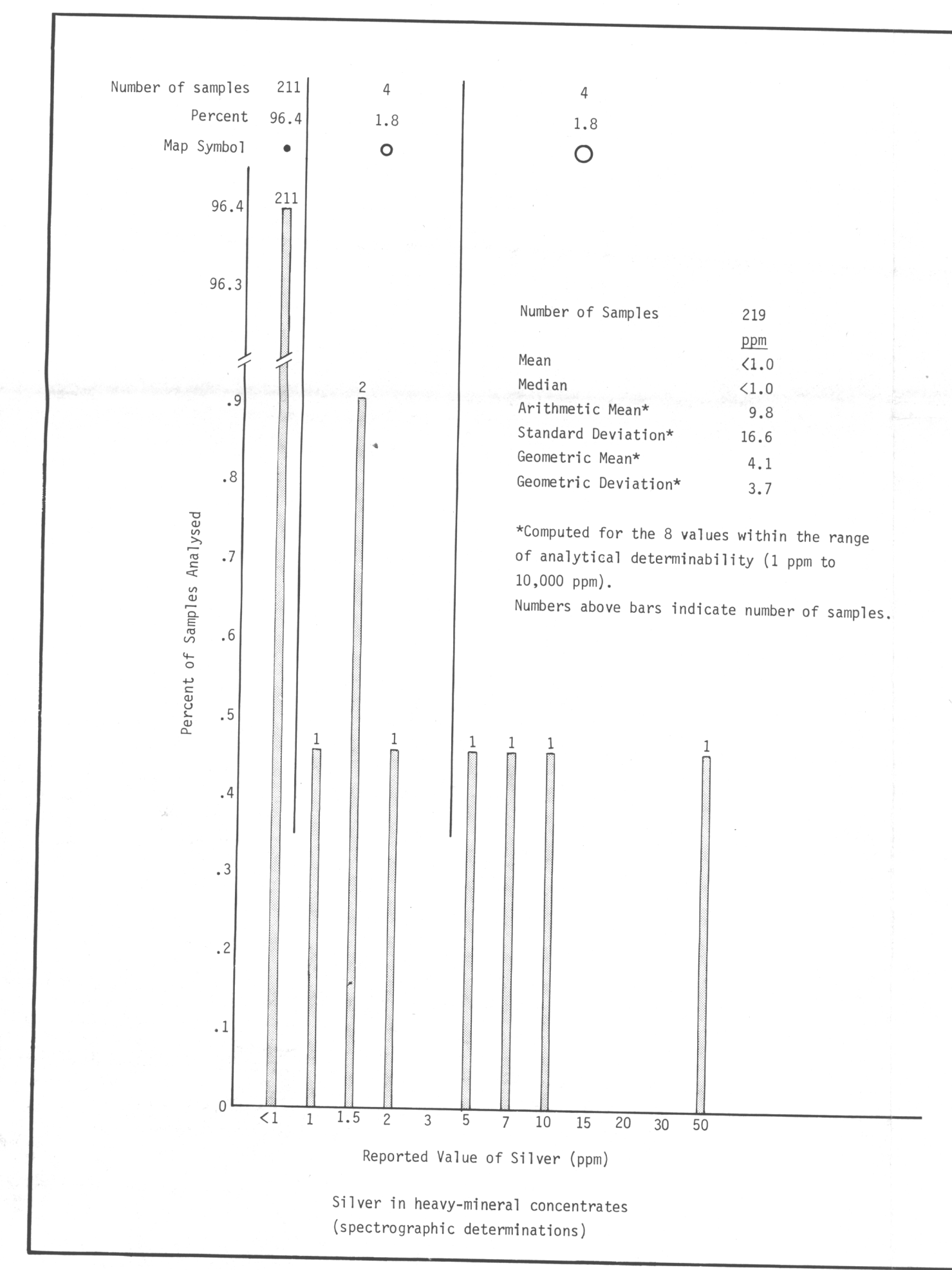
STREAM-SEDIMENT SAMPLES

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. Diggles, G. C. Dunne, R. L. Elliott,
J. D. Gallinatti, M. H. Herdrick, S. M. Karl, R. D. Koch,
M. L. Miller-Hoare, R. P. Morrell, J. G. Smith, and
R. A. Sonnevil, 1968-1975.



- Unit Descriptions
- Qu UNCONSOLIDATED DEPOSITS, UNDIVIDED (Quaternary)
 - Qtz BASALT (Quaternary and Tertiary)
 - Tp ALKALI-FELOSAPPHIR GRANITE WITH ASSOCIATED QUARTZ-PORPHYRY DIOGENITE DIKES AND FLOWS (Tertiary)
 - Tp1 BIOTITE-PHYROXENE GABBRO, LOCALLY CONTAINS HORNBLENDE AND/OR OLIVINE (Miocene)
 - Tp2 LEUCOCRATIC QUARTZ MONZONITE AND GRANODIORITE (Eocene)
 - Tp3 GRANODIORITE AND QUARTZ DIORITE (Eocene)
 - Tp4 QUARTZ DIORITE (Eocene or Paleocene)
 - Tp5 LEUCOCRATIC QUARTZ MONZONITE AND GRANODIORITE (Tertiary and/or Cretaceous)
 - Tp6 GRANODIORITE AND QUARTZ DIORITE (Tertiary and/or Cretaceous)
 - Tp7 BIOTITE-HORNBLENDE QUARTZ DIORITE, PLAGIOCLASE-PORPHYRY Biotite GRANODIORITE/QUARTZ DIORITE, BOTH LOCALLY CONTAIN GARNET AND/OR EPIDOTE (Cretaceous)
 - Tp8 TEXAS CREEK GRANODIORITE (Triassic)
 - MaPm MIGMATITE AND ORTHOGNESS, WITH LESSER PARAGNESS (Mesozoic and/or Paleozoic)
 - MaPp PARAGNESS AND ORTHOGNESS, WITH LESSER AMPHIBOLITE AND MARBLE (Mesozoic and/or Paleozoic)
 - MaPs SCHIST AND PARAGNESS, WITH LESSER AMPHIBOLITE AND MARBLE (Mesozoic and/or Paleozoic)
 - MaPv METASEDIMENTARY AND LESSER METAVOLCANIC ROCKS, WITH LOCAL MARBLE (Mesozoic and/or Paleozoic)



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

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