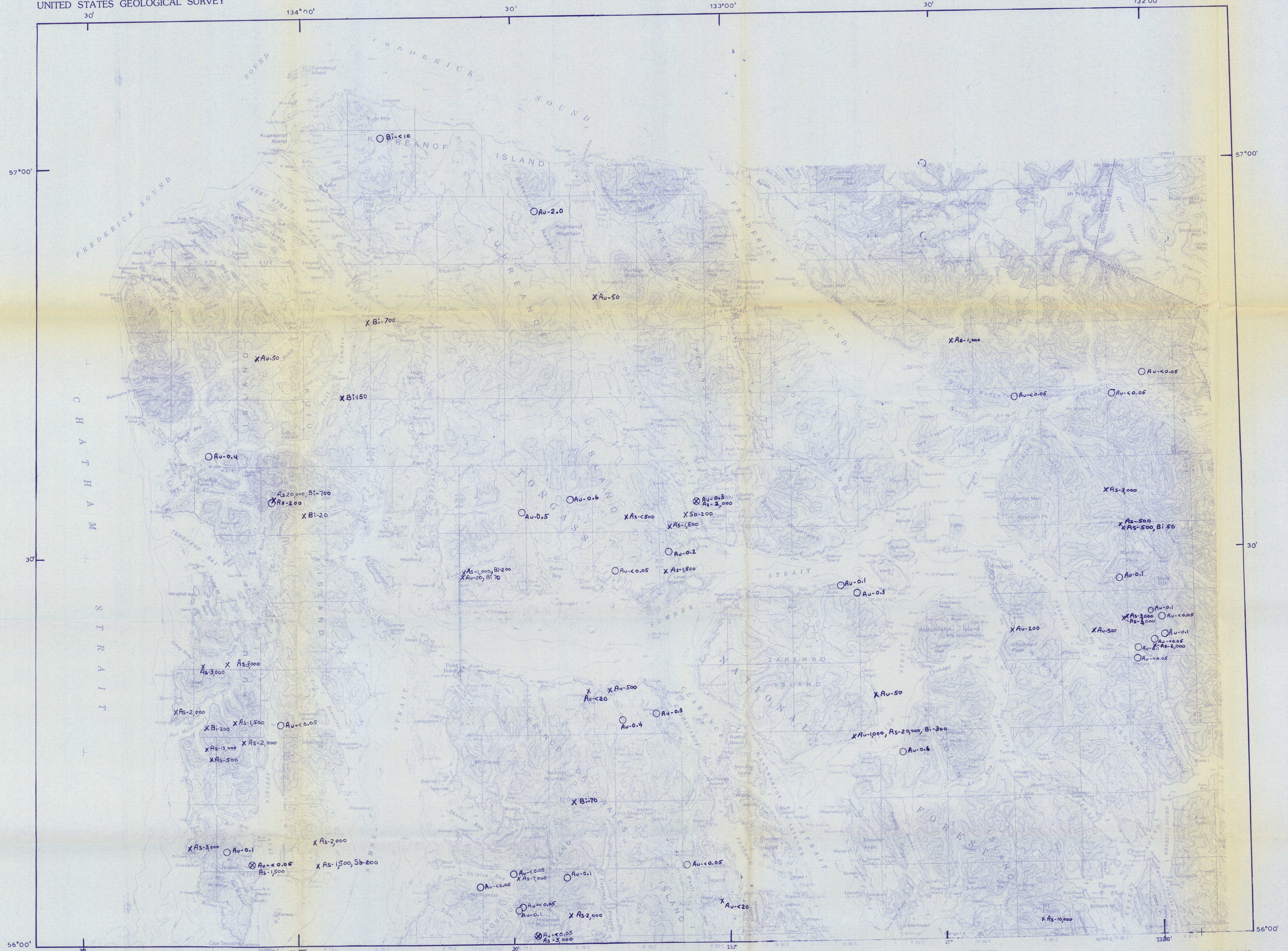


DEPARTMENT OF THE INTERIOR  
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**EXPLANATION**

X Au-20, As-1,500---Sample site at which Au, As, Bi, and/or Sb was detected in the nonmagnetic fraction of heavy-mineral concentrates from stream sediment--concentrations given in parts per million.

O Au20, As1500---Sample site at which Au, As, and/or Bi was detected in the minus-80-mesh fraction of stream sediments--concentrations given in parts per million.

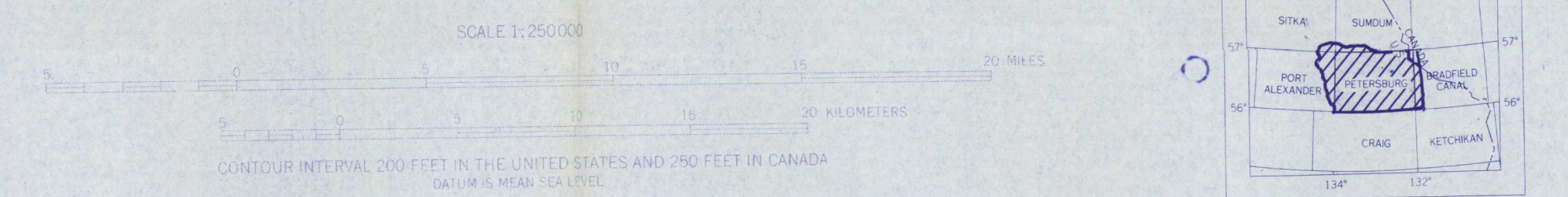
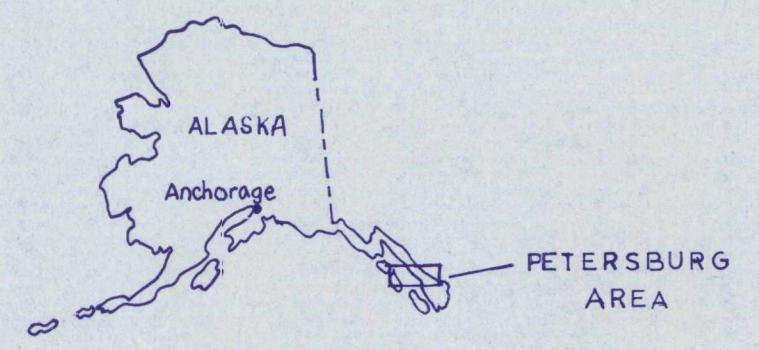
**NOTE**

This map is one of a series of geochemical maps concerning the Petersburg area, southeast Alaska. For discussion of sample description, collection methods, media selection, sample preparation, statistical data, and analytical techniques, see Cathrall and others (1983)

**REFERENCE**

Cathrall, J. B., Day, G. W., Hoffman, J. D., and McDanal, S. K., 1983, A listing and statistical summary of analytical results for pebbles, stream sediments, and heavy-mineral concentrates from stream sediment, Petersburg area, southeast Alaska: U.S. Geological Survey Open-File Report 83-420-A.

Base from U.S. Geological Survey Petersburg, 1960; Bradfield Canal, 1955; Sundum, 1961, 1971; Port Alexander, 1951, 1977; Sitka, 1951, 1970



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

DISTRIBUTION AND ABUNDANCE OF DETECTABLE GOLD, ARSENIC, BISMUTH, AND ANTIMONY IN THE NONMAGNETIC FRACTION OF HEAVY-MINERAL CONCENTRATES AND IN THE MINUS-80-MESH FRACTION FROM STREAM SEDIMENTS, PETERSBURG AREA, SOUTHEAST ALASKA

By  
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1983