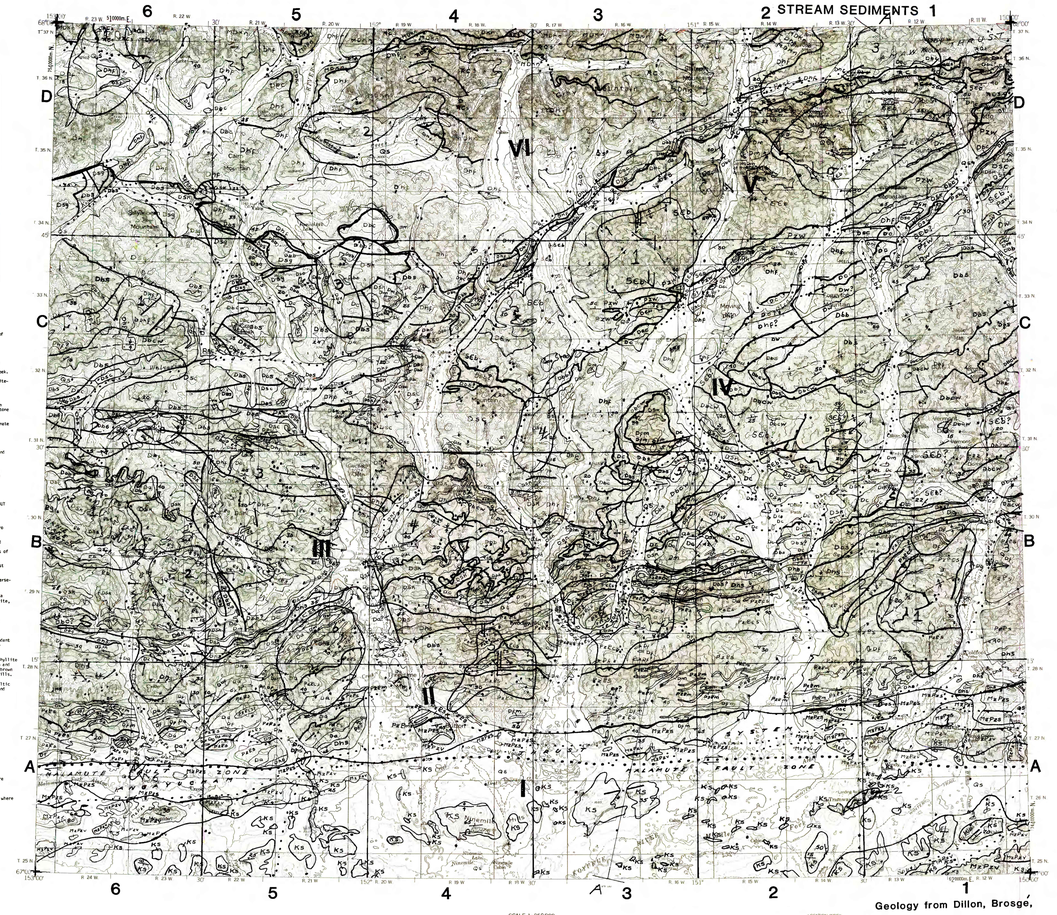
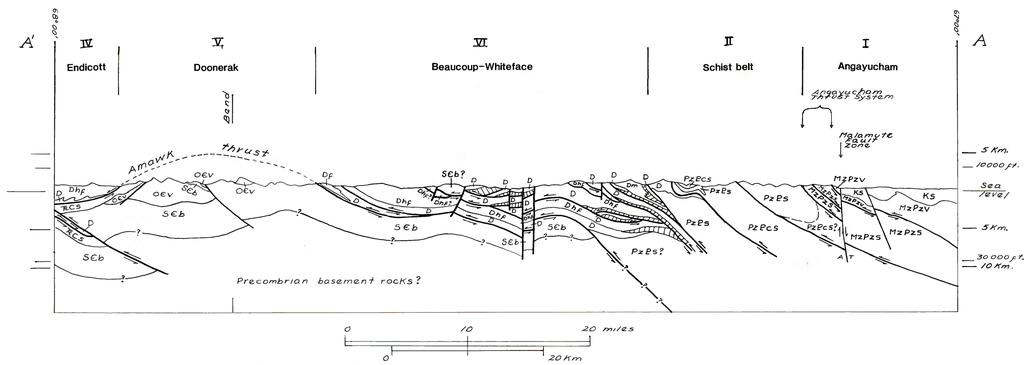
DEPARTMENT OF INTERIOR
U.S. GEOLOGICAL SURVEY

OPEN-FILE REPORT 87-12
PLATE 1 of 2
STREAM SEDIMENTS 1

A.- Distibution of anamalous concentrations of copper, lead, zinc, barium, gold, silver, arsenic antimony, and bismuth in stream sediments from six geochemical lithologic subdivisions, Wiseman 1°x 3° quadrangle, Brooks Range, Alaska



B.- Distribution of anamalous concentrations of molybdenum, tin, tungsten, cobalt, nickel, chromium, and mercury in stream sediments from six geochemical lithologic subdivisions, Wiseman 1° x 3° quadrangle, Brooks Range, Alaska



Simplified cross-section showing location of geochemical lithologic subdivisions

Letter symbols are same as those on the geologic map, except that unit D comprises units Dhs, Dbb, Dbcw, Da, Dbs, Dw, Dc, Dsc and PZw, undivided, and SKajlt Limestone is shown by ruled pattern only.

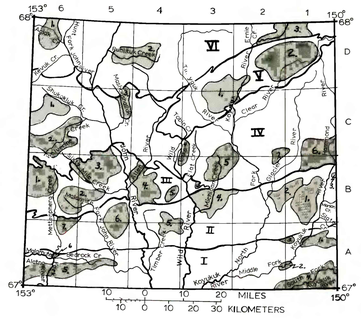


Figure 1.--Location of the areas of geochemical anomalies in their respective geochemical lithologic subdivisions as illustrated in tables 3-8, Wiseman 1° x 3° quadrangle, Brooks Range, Alaska.

EXPLANATION

Geochemical lithologic subdivision

- I Angayucham
- II Schist belt
- III Skajit
- IV Beavcoup-Whiteface
- V Doonerak
- VI Endicott

Subquadrangle boundaries of the 1:125,000 scale quadrangle

A-D North-South subquadrangle designation codes of the 1:125,000 scale quadrangle

1-6 East-West subquadrangle designation codes of the 1:125,000 scale quadrangle

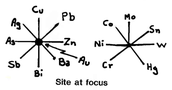
Geochemical anomalous area

Wiseman Quadrangle

ALASKA

QUADRANGLE LOCATION

GEOCHEMICAL SYMBOLS



Map A Map B

Sample site

GEOCHEMICAL MAPS OF THE WISEMAN 1° x 3° QUADRANGLE, BROOKS RANGE, ALASKA

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