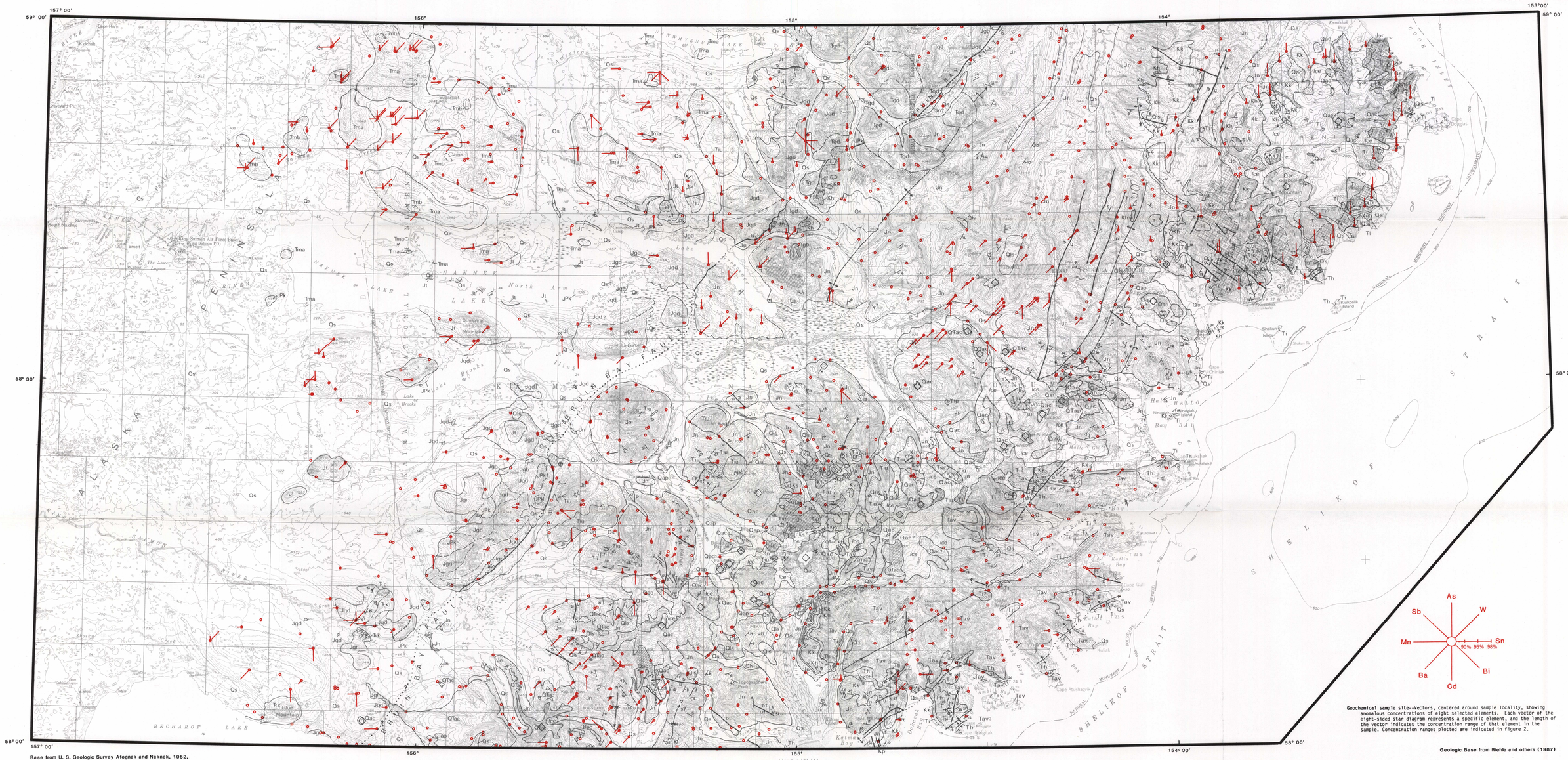
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

MISCELLANEOUS FIELD STUDIES
MAP MF-2021-B
SHEET 2 OF 2
FOLIO OF THE MOUNT KATMAI AREA



Geochemical sample site--Vectors, centered around sample locality, showing anomalous concentrations of eight selected elements. Each vector of the eight-sided star diagram represents a specific element, and the length of the vector indicates the concentration range of that element in the sample. Concentration ranges plotted are indicated in figure 2.

Geologic Base from Riehle and others (1987)

Base from U. S. Geologic Survey Afognak and Naknek, 1952, Mount Katmai, 1951, with minor revisions 1972.

SCALE 1:250 000

5 0 5 10 15 MILES

5 0 5 10 15 KILOMETERS

CONTOUR INTERVAL 200 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MAP B

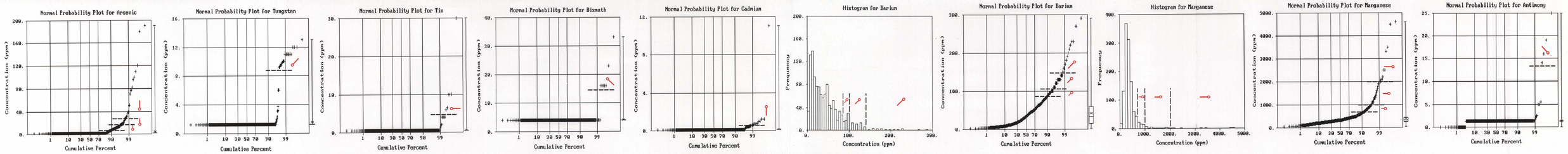


Figure 2. Histograms and (or) probability plots showing the distribution of values determined for the eight elements shown on map B. The length of the vectors shown on each of the probability plots indicates the concentrations of each element plotted. The 25th, 50th, and 75th percentiles, the median, and the range of each variable are shown in the box plot to the right of the probability plots.

GEOCHEMICAL MAPS SHOWING THE DISTRIBUTION OF SELECTED LEACHABLE METALS IN STREAM SEDIMENTS FROM THE MOUNT KATMAI AND PARTS OF THE AFOGNAK AND NAKNEK QUADRANGLES, ALASKA

By
S. E. Church and J. M. Motooka

1989

Manuscript approved for publication, November 2, 1989

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1990

For sale by Distribution Section, U.S. Geological Survey, Federal Building, Box 25286, Denver Federal Center, Denver, CO 80225
For sale by Distribution Section, U.S. Geological Survey, Box 25286, Federal Center, Denver, CO 80225