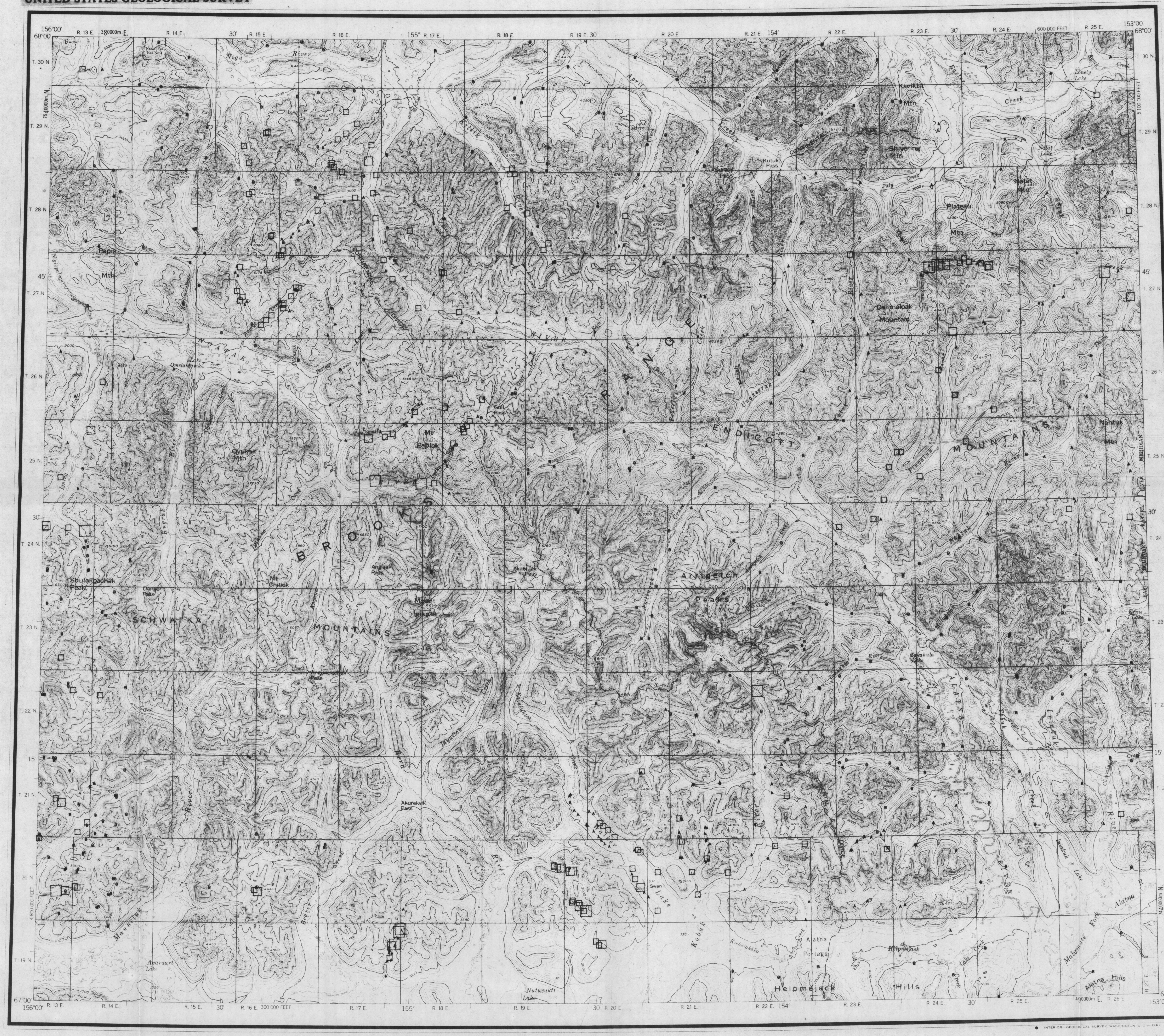
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT
79-837-H



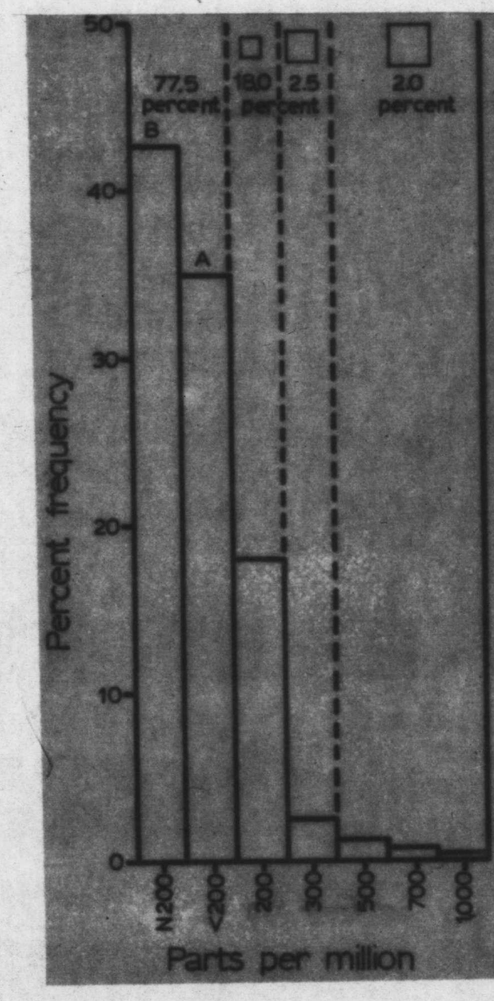


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Figure 1.--Histogram for zinc in 732 minus-80-mesh stream-sediment samples, Survey Pass 1° x 3° quadrangle, Alaska, showing map symbols corresponding to anomalous concentrations in parts per million, percentages of total samples, and letters corresponding to non-anomalous concentrations in parts per million. N, not detected at value shown; <, detected, but less than value shown. Arithmetic mean, 242; standard deviation, 114; geometric mean; 228; and geometric deviation, 1.4, based on unqualified values within the sample population.

EXPLANATION

ZINC SAMPLE SITES--Letters and size of symbols are explained on histogram (fig. 1)

□ Anomalous

A Not anomalous

NOTE

This map is one in a series of geochemical maps concerning the Survey Pass 1° x 3° quadrangle, Alaska. For discussion of analyses and sampling see Cathrall and others, 1979.

Cathrall, J. B., Cooley, E. F., O'Leary, R. M., Billings, T. M. and McDanal, S. K., 1979, A listing and statistical summary of spectrographic and chemical analyses of stream-sediment samples from the Survey Pass quadrangle, Alaska: U.S. Geological Survey Open-File Report 79-837-A.

Base from U.S. Geological Survey, 1956

INTERIOR—GEOLOGICAL SURVEY WASHINGTON D.C.—1967

SCALE 1:250000

5 0 5 10 15 20 25 MILES

5 0 5 10 15 20 25 KILOMETERS

CONTOUR INTERVAL 200 FEET
DATUM IS MEAN SEA LEVEL

LOCATION INDEX

DISTRIBUTION AND ABUNDANCE OF ZINC DETERMINED BY SPECTROGRAPHIC ANALYSIS IN THE MINUS-80-MESH FRACTION OF STREAM-SEDIMENT SAMPLES, SURVEY PASS 1°X3° QUADRANGLE, ALASKA

By
J. B. Cathrall, T. M. Billings and E. F. Cooley

1979