



79-837-T

Figure 1.--Histogram for antimony in 1493 minus-80-mesh stream-sediment samples, Survey Pass 1° x 3° quadrangle, Alaska, showing map symbols corresponding to anomalous concentrations in parts per million, percentage of total samples, and letters corresponding to non-anomalous concentrations in parts per million. N, not detected at values shown. Arithmetic mean, 105; standard deviation, 22; geometric mean, 103; and geometric deviation, 1.2, based on unqualified values within the sample population.

EXPLANATION

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

- Anomalous
- △ 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, P. M., Billings, T. M. and McDaniel, 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

DISTRIBUTION AND ABUNDANCE OF ANTIMONY 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