

Table 1.—Frequencies and cumulative percents of concentrations of copper, lead, zinc, and molybdenum in stream-sediment samples, Mount Hayes quadrangle, Alaska

Table with 6 columns: I. LAKE GEORGE SUBSTRATE AND YOUNGER GRANITE PLUTONS; II. SURFICIAL DEPOSITS; III. GRANITE PLUTONS OF MOUNTAIN RIDGE AND BUCHANAN CREEK; IV. GRANITE PLUTON OF GRANITE MOUNTAIN; V. JARVIS CREEK GLACIER SUBSTRATE AND YOUNGER GRANITE PLUTONS; VI. MACOMB SUBSTRATE AND YOUNGER GRANITE PLUTONS. Rows include COPPER, LEAD, MOLYBDENUM, and ZINC with sub-headers for Reported, Observed, Percent, and Cumulative.

Table 2.—Frequencies and cumulative percents of concentrations of gold, silver, and arsenic in heavy-mineral concentrate Mount Hayes quadrangle, Alaska

Table with 6 columns: I. LAKE GEORGE SUBSTRATE AND YOUNGER GRANITE PLUTONS; II. SURFICIAL DEPOSITS; III. GRANITE PLUTONS OF MOUNTAIN RIDGE AND BUCHANAN CREEK; IV. GRANITE PLUTON OF GRANITE MOUNTAIN; V. JARVIS CREEK GLACIER SUBSTRATE AND YOUNGER GRANITE PLUTONS; VI. MACOMB SUBSTRATE AND YOUNGER GRANITE PLUTONS. Rows include GOLD, SILVER, and ARSENIC with sub-headers for Reported, Observed, Percent, and Cumulative.

Table 3.—Frequencies and cumulative percents of concentrations of tin and tungsten in stream-sediment samples, Mount Hayes quadrangle, Alaska

Table with 6 columns: I. LAKE GEORGE SUBSTRATE AND YOUNGER GRANITE PLUTONS; II. SURFICIAL DEPOSITS; III. GRANITE PLUTONS OF MOUNTAIN RIDGE AND BUCHANAN CREEK; IV. GRANITE PLUTON OF GRANITE MOUNTAIN; V. JARVIS CREEK GLACIER SUBSTRATE AND YOUNGER GRANITE PLUTONS; VI. MACOMB SUBSTRATE AND YOUNGER GRANITE PLUTONS. Rows include TIN and TUNGSTEN with sub-headers for Reported, Observed, Percent, and Cumulative.

Table 4.—Frequencies and cumulative percents of concentrations of chromium, cobalt, and nickel in stream-sediment samples, Mount Hayes quadrangle, Alaska

Table with 6 columns: I. LAKE GEORGE SUBSTRATE AND YOUNGER GRANITE PLUTONS; II. SURFICIAL DEPOSITS; III. GRANITE PLUTONS OF MOUNTAIN RIDGE AND BUCHANAN CREEK; IV. GRANITE PLUTON OF GRANITE MOUNTAIN; V. JARVIS CREEK GLACIER SUBSTRATE AND YOUNGER GRANITE PLUTONS; VI. MACOMB SUBSTRATE AND YOUNGER GRANITE PLUTONS. Rows include CHROMIUM, COBALT, and NICKEL with sub-headers for Reported, Observed, Percent, and Cumulative.

Table 5.—Frequencies and cumulative percents of concentrations of gold, silver, and arsenic in stream-sediment samples, Mount Hayes quadrangle, Alaska

Table with 6 columns: I. LAKE GEORGE SUBSTRATE AND YOUNGER GRANITE PLUTONS; II. SURFICIAL DEPOSITS; III. GRANITE PLUTONS OF MOUNTAIN RIDGE AND BUCHANAN CREEK; IV. GRANITE PLUTON OF GRANITE MOUNTAIN; V. JARVIS CREEK GLACIER SUBSTRATE AND YOUNGER GRANITE PLUTONS; VI. MACOMB SUBSTRATE AND YOUNGER GRANITE PLUTONS. Rows include SILVER, ARSENIC, and GOLD with sub-headers for Reported, Observed, Percent, and Cumulative.

Table 6.—Frequencies and cumulative percents of concentrations of copper, lead, zinc, and molybdenum in heavy-mineral concentrates, Mount Hayes quadrangle, Alaska

Table with 6 columns: I. LAKE GEORGE SUBSTRATE AND YOUNGER GRANITE PLUTONS; II. SURFICIAL DEPOSITS; III. GRANITE PLUTONS OF MOUNTAIN RIDGE AND BUCHANAN CREEK; IV. GRANITE PLUTON OF GRANITE MOUNTAIN; V. JARVIS CREEK GLACIER SUBSTRATE AND YOUNGER GRANITE PLUTONS; VI. MACOMB SUBSTRATE AND YOUNGER GRANITE PLUTONS. Rows include COPPER, LEAD, MOLYBDENUM, and ZINC with sub-headers for Reported, Observed, Percent, and Cumulative.

Table 7.—Frequencies and cumulative percents of concentrations of tin, tungsten, antimony, and bismuth in heavy-mineral concentrates, Mount Hayes quadrangle, Alaska

Table with 6 columns: I. LAKE GEORGE SUBSTRATE AND YOUNGER GRANITE PLUTONS; II. SURFICIAL DEPOSITS; III. GRANITE PLUTONS OF MOUNTAIN RIDGE AND BUCHANAN CREEK; IV. GRANITE PLUTON OF GRANITE MOUNTAIN; V. JARVIS CREEK GLACIER SUBSTRATE AND YOUNGER GRANITE PLUTONS; VI. MACOMB SUBSTRATE AND YOUNGER GRANITE PLUTONS. Rows include TIN, TUNGSTEN, ANTIMONY, BISMUTH, and SILVER with sub-headers for Reported, Observed, Percent, and Cumulative.

Table 8.—Frequencies and cumulative percents of concentrations of chromium, cobalt, and nickel in heavy-mineral concentrates, Mount Hayes quadrangle, Alaska

Table with 6 columns: I. LAKE GEORGE SUBSTRATE AND YOUNGER GRANITE PLUTONS; II. SURFICIAL DEPOSITS; III. GRANITE PLUTONS OF MOUNTAIN RIDGE AND BUCHANAN CREEK; IV. GRANITE PLUTON OF GRANITE MOUNTAIN; V. JARVIS CREEK GLACIER SUBSTRATE AND YOUNGER GRANITE PLUTONS; VI. MACOMB SUBSTRATE AND YOUNGER GRANITE PLUTONS. Rows include CHROMIUM, COBALT, NICKEL, and COPPER with sub-headers for Reported, Observed, Percent, and Cumulative.

SUMMARY AND INTERPRETATION OF GEOCHEMICAL MAPS FOR
STREAM SEDIMENT AND HEAVY MINERAL CONCENTRATE SAMPLES
MOUNT HAYES QUADRANGLE, EASTERN ALASKA RANGE, ALASKA

By
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