

ANALYSES OF ROCKS, MINERALIZED ROCKS, AND VEINS FROM PARTS OF THE YAKUTAT AND MOUNT ST. ELIAS QUADRANGLES, ALASKA

Analyses by semiquantitative spectrographic methods except for gold, which was analyzed by atomic absorption methods. Analysts: W. Campbell, J.C. Hamilton, R. Miller, J. Motooka, S. Rickard, and J. Viets. Remarks: Fe, Ca, Mg, and Ti are reported in percent; all other elements in parts per million. Results are reported in the series: 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, and so forth. G = greater than 10 percent or greater than the value shown. N = not detected at limit of detection or at value shown. L = detected but below limit of determination or below value shown. --- = not looked for.

Looked for but not found: As, Bi, Cd, Pd, Pt, Sb, Te, U, W.

Table with columns: SAMPLE NO., PERCENT (Au, Ag, Cu, Fe, Mn, Ni, Pb, S, Si, Ti, Zn, Zr), and DESCRIPTION. Rows include sample numbers like 34A, 42A, 44B, etc., and their corresponding chemical compositions and geological descriptions.

LIMIT OF DETERMINATION 0.01 0.05 0.1 0.5 1 5 10 20 50 100 200 500 1000