DATUM IS MEAN SEA LEVEL

SHEET 2 OF 2

Maps showing the distribution of anomalous amounts of selected elements found in more than 1,600 stream-sedime Explanation × Au (≥.02 ppm) taining anomalous amounts of one or more of the following elements: gold (Au), silver (Ag), arsenic (As), bismuth copper (Cu), chromium (Cr), molybdenum (Mo), nickel (Ni), lead (Pb), antimony (Sb), tin (Sn), tungsten (W), and zin (Zn). Figure 2 shows the localities for analyzed rock samples and indicates those containing specified amounts of o Ag (≥.5 ppm) △ Cr (≥200 ppm) Mo (≥5 ppm) □ Pb (≥50 ppm) Ag (≥.5ppm) and Mo (≥5ppm) o Other: Cy (≥100 ppm) As (≥ 200 ppm) The same concentrations were arbitrarily considered anomalous in rock samples for convenience, but the designa of anomalous has limited meaning without knowledge of the rock sample and its relation to the geology of the area wit was collected. Field identifications of most of the analyzed rocks are given in Foster and Clark (1969), Clark Foster (1969a), Foster (1970, 1971a and b), and Foster and Yount (1972). Additional information on some sample locities is given in Foster and Clark (1970) and Clark and Foster (1971). Symbols combined when sample contains two or more elements in above The most comprehensive discussion of the geology of the Eagle quadrangle and surrounding areas is a report by Mertie, Jr. (1937). More recent reports and maps by Foster (1969a and b), Foster and Keith (1968, 1969), Clark and Foster (1969a and b, 1971) and Asher (1970) include parts of the Eagle quadrangle. Locations of known metallic min occurrences and prospects in the Eagle quadrangle are shown on a map by Cobb (1967). indicated amounts. · Sample where above elements occur in amounts less than the indicated level. Location of sample collected by other investigattors; results published and comparable. Base from U. S. Geological Survey, 1963. Compiled by Helen L. Foster and Martha E. Yount, 1971; revised 1972. Figure 2. Rock samples

MAPS SHOWING DISTRIBUTION OF ANOMALOUS AMOUNTS OF SELECTED ELEMENTS IN STREAM-SEDIMENT AND ROCK SAMPLES, EAGLE QUADRANGLE, ALASKA

Helen L. Foster and Martha E. Yount 1972