

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

METALLIC MINERAL RESOURCES MAP OF THE BETHEL QUADRANGLE, ALASKA

Compiled by  
Edward H. Cobb

Open-file map  
1970

This map is preliminary  
and has not been edited or  
reviewed for conformity with  
Geological Survey standards  
or nomenclature.

# LODE DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u>
1-2	Golden Gate Falls: Hoare and Coonrad, 1959	Cu
3	Tuluksak River: Hoare and Coonrad, 1959	Cu
4	Fisher Dome: Hoare and Coonrad, 1959	Sb
5	Rainy (Arsenic) Creek: Rutledge, 1948; Sainsbury and MacKevett, 1965, p. 50-53	Hg
<u>1/</u> Symbols - Sb, antimony; Cu, copper; Hg, mercury.		

# PLACER DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
6	Columbia Creek: Hoare and Coonrad, 1959	Au
7	Rainy Creek: Rutledge, 1948, p. 3, 7	Au, Hg
8	Canyon Creek: Maddren, 1915, p. 356-357; Alaska Div. Mines and Geology, 1968, p. 51	Au, Ag
9	Tuluksak River: Maddren, 1915, p. 332	Au
10	Granite Creek: Maddren, 1915, p. 331; Hoare and Coonrad, 1959	Au
11	Tuluksak River: Hoare and Coonrad, 1959	Au, Pt, Ag
12	Marvel Creek: Maddren, 1915, p. 339-346; Alaska Div. Mines and Minerals, 1966, p. 10	Au
13-14	Dominion Creek: Maddren, 1915, p. 336-338; Hoare and Coonrad, 1959	Au
15	Fisher Creek: Maddren, 1915, p. 346-347	Au
16-17	Cripple Creek: Maddren, 1915, p. 347-351; Hoare and Coonrad, 1959; unpub. data	Au
18	Rocky Creek: Hoare and Coonrad, 1959	Au

Placer deposit not shown on map because occurrence could not be located closely enough to plot:

Kapon Creek: Maddren, 1915, p. 357 Au, Hg

1/ Symbols - Au, gold; Hg, mercury; Pt, platinum-group metals; Ag, silver.

2/ Gold has been produced from most of the listed placers.

## REFERENCES

- Alaska Div. Mines and Geology, 1968, Report for year 1968, 67 p.  
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Maddren, A. G., 1915, Gold placers of the lower Kuskokwim, with a note on copper in the Russian Mountains: U.S. Geol. Survey Bull. 622, p. 292-360.  
Rutledge, F. A., 1948, Investigation of the Rainy Creek mercury prospect, Bethel district, Kuskokwim region, southwestern Alaska: U.S. Bur. Mines Rept. Inv. 4361, 7 p.  
Sainsbury, C. L., and MacKevett, E. M., Jr., 1965, Quicksilver deposits of southwestern Alaska: U.S. Geol. Survey Bull. 1187, 89 p.

## SOURCE OF DATA ON DISTRIBUTION OF INTRUSIVE ROCKS

- Hoare, J. M., and Coonrad, W. L., 1959, Geology of the Bethel quadrangle, Alaska: U.S. Geol. Survey Misc. Geol. Inv. Map I-285.  
Hoare, J. M., written communication, May 8, 1970.

