UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

PROPERTY OF DOGS LIBRARY

METALLIC MINERAL RESOURCES MAP OF THE SUMDUM QUADRANGLE, ALASKA

Compiled by

Edward H. Cobb

329

Open-file map

1968

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> , <u>2/</u>
1	Crystal: Spencer (1906), p. 47-48	<u>Au</u>
2	Friday: Spencer (1906), p. 47 Snettisham: Thorne and Wells (1956), 41 p.	Au, Fe Cu, Fe
3	Sweetheart Lake (Cook): Wright and Wright (1906), p. 41; Spencer (1906), p. 47	Au, Pb
4	Tracy Arm: Gault and Fellows (1953), p. 1-3, 7-11	Cu, Au, Pb, Ag, Zn
5-6	Sumdum: MacKevett and Blake (1964), p. E1-E31	Cu, Pb, Ag, Zn
7	Point Astley: Buddington (1925), p. 131-133; Herreid (1962), p. 56-58	Cu, Pb, Ag, Zn
8	Portland: Herreid (1962), p. 58-59	Cu, Au, Pb, Ag, Zn
9	Sumdum Chief: Spencer (1906), p. 44	<u>Au</u> , Pb, <u>Ag</u> , Zn
10	Holkham Bay: Wright (1907), p. 58	Cu, Au, Pb
11	Jack Pot: Spencer (1906), p. 42	Au
12-15	Windham Bay (Alaska-Peerless, California-Alaska, Helvetia, Independent, Jenny Reed, Jensen, Mildred, Rowe, Windham Chief, Yates, Yellow Jacket): Spencer (1906), p. 38-42; Buddington (1925), p. 125-128	Cu, <u>Au</u> , Pb, Zn
16	K & D (Kloss & Davis): Alaska Dept. Mines (1956), p. 33, 48, 79	Sb, Au
17	Kloss: Herbert and Race (1964), p. 13	Cu, Ni
18	Port Houghton: Buddington (1925), p. 128-130	Cu
19	Colp & Lee: Buddington (1923), p. 68	Cu, Au, Pb, Zn

1/ Symbols - Sb, antimony; Cu, copper; Au, gold; Fe, iron; Pb, lead; Ni, nickel;
Ag, silver; Zn, zinc.

2/ Symbol underlined indicates recorded production.

PLACER DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/}
20	Powers Creek: Spencer (1906), p. 2, 45	Gold
21-22	Spruce Creek: Spencer (1906), p. 42; Alaska Dept. Mines (1950), p. 16	Gold
23	Sylvia Creek: Spencer (1906), p. 42	Gold
24	Slate Creek (lost Rocker): Spencer (1906), p. 42	Gold
25	Shuck (Chuck) River: Spencer (1906), p. 42-43	Gold

^{1/} Gold has been produced from these placers.

REFERENCES

- Alaska Dept. Mines, 1950, Rept. Commissioner of Mines, biennium ended Dec. 31, 1950, 57 p.
- , 1956, Rept. Commissioner of Mines, biennium ended Dec. 31, 1956, 103 p.
- Buddington, A. F., 1923, Mineral deposits of the Wrangell district: U.S. Geol. Survey Bull. 739, p. 51-75.
- , 1925, Mineral investigations in southeastern Alaska: U.S. Geol. Survey Bull. 773, p. 71-139.
- Gault, H. R., and Fellows, R. E., 1953, Zinc-copper deposits at Tracy Arm, Petersburg district, Alaska: U.S. Geol. Survey Bull. 998-A, p. 1-13.
- Herbert, C. F., and Race, W. H., 1964, Geochemical investigations of selected areas in southeastern Alaska, 1964: Alaska Div. Mines and Minerals Geochem. Rept. 1, 27 p.
- Herried, Gordon, 1962, Preliminary report on geologic mapping in the Coast Range mineral belt: Alaska Div. Mines and Minerals, Rept. for the year 1962, p. 44-67.
- MacKevett, E. M., Jr., and Blake, M. C., Jr., 1964, Geology of the Sumdum copper-zinc prospect, southeastern Alaska: U.S. Geol. Survey Bull. 1108-E, p. E1-E31.
- Spencer, A. C., 1906, The Juneau gold belt, Alaska: U.S. Geol. Survey Bull. 287, p. 1-137.
- Thorne, R. L., and Wells, R. R., 1956, Studies of the Snettisham magnetite deposit, southeastern Alaska: U.S. Bur. Mines Rept. Inv. 5195, 41 p.
- Wright, C. W., 1907, Lode mining in southeastern Alaska: U.S. Geol. Survey Bull. 314, p. 47-72.
- Wright, F. E., and Wright, C. W., 1906, Lode mining in southeastern Alaska: U.S. Geol. Survey Bull. 284, p. 30-54.

ALASKA

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-25-2010 BY 60322

Index map showing location of the Sundum quadrangle.