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Div. Mines & Minerals

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

8 12-26

METALLIC MINERAL RESOURCES MAP OF THE CHANDALAR QUADRANGLE, ALASKA

Compiled by

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Open-file map

1967

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> ^{1/} , ^{2/}
1	Big Jim Creek: Brosgé and Reiser (1964)	Cu, Pb
2	Snowden Creek: Brosgé and Reiser (1964)	Cu
3	Unnamed occurrence: Brosgé and Reiser (1964)	Cu
4	Mathews River: Brosgé and Reiser (1964)	Pb
5	Sheep Creek: Brosgé and Reiser (1964)	Cu
6	Quartz Creek: Brosgé and Reiser (1964)	Cu
7-9	Unnamed occurrences: Brosgé and Reiser (1964)	Cu
10	Limestone Creek: Brosgé and Reiser (1964)	Ni, Pt, Ag
11	Willow Creek: Brosgé and Reiser (1964)	Zn
12	Howard Creek: Brosgé and Reiser (1964)	Cu, Ni
13	Horse Creek: Brosgé and Reiser (1964)	Cu
14	Unnamed occurrence: Brosgé and Reiser (1964)	Cu
15	Unnamed occurrence: Brosgé and Reiser (1964)	Cu, Ni
16	Siwash Creek: Brosgé and Reiser (1964)	Cu
17	Chandalar River, West Fork: Brosgé and Reiser (1964)	Cu
18	Big Squaw Creek: Maddren (1913), p. 112-115	Sb, Cu, Au, Pb, Ag, Zn
19	Little Squaw: Maddren (1913), p. 113-115; Brooks (1914), p. 68; Mertie (1925), p. 261-262	Sb, Cu, <u>Au</u> , Pb, Ag, Zn
20	Big Creek: Maddren (1913), p. 114-115; Mertie (1925), p. 262-263	Sb, Cu, Au, Pb, Ag, Zn

^{1/} Symbols - Sb, antimony; Cu, copper; Au, gold; Pb, lead; Ni, nickel; Pt, platinum-group metals; 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/} , ^{2/}
21	Linda Creek: Maddren (1913), p. 102-104	Au
22	Sheep Creek (Gulch): Maddren (1913), p. 99; Brosge and Reiser (1964)	Au
23	Gold Creek: Schrader (1904), p. 105; Maddren (1913), p. 99-102	Sb, Au
24	Emory Creek: Maddren (1913), p. 104-105	Au
25	Boer (Bore) Creek (Gulch): Maddren (1913), p. 108	Au
26	Jim Gulch (Pup): Maddren (1913), p. 70, 108	Au
27	Wakeup Creek: Smith (1939), p. 55	Au
28	Lake Creek: Brosge and Reiser (1964)	Au
29	Garnet Creek: Maddren (1913), p. 69, 104	Au
30	Eightmile Creek: Maddren (1913), p. 105; Joesting (1943), p. 18	Au, Hg
31	Mule Creek: Maddren (1913), p. 104-105	Cu, Au, Ag
32	Marion Creek: Maddren (1913), p. 90	Au
33	Myrtle Creek: Maddren (1913), p. 86-89	Au
34	Slate Creek: Maddren (1913), p. 86-88; Brosge and Reiser (1964)	Au
35	Sawlog Creek: Brosge and Reiser (1964)	Au
36	Dennys Gulch: Freeman (1963), p. 31; Brosge and Reiser (1964)	Au
37	Tobin Creek: White (1952), p. 11; Nelson, West, and Matzko (1954), p. 17-18	Au, Pb, Mz, W
38	St. Mary Creek (Gulch): Maddren (1913), p. 116	Au
^{1/}	Symbols - Sb, antimony; Cu, copper; Au, gold; Pb, lead; Hg, mercury; Mz, monazite; Ag, silver; W, tungsten.	
^{2/}	Gold has been produced from most of the listed placers.	

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
39	Big Creek: Mertie (1925), p. 260-261, 263	Cu, Au, Pb, Mz, W
40	Big Squaw Creek: Mertie (1925), p. 259-260, 263; Nelson, West, and Matzko (1954), p. 16-19	Sb, FM, Au, Pb, Mo, Mz
41	Little Squaw Creek: Mertie (1925), p. 254-259, 263; Nelson, West, and Matzko (1954), p. 17-18	Au, Pb, Mz, W

Placer deposits not shown on map because occurrences could not be located closely enough to plot:

<u>Name and principal reference</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
Bettles River: Smith (1930), p. 33	Au
California Creek: Maddren (1913), p. 70, 107-108	Au
Cripple Creek: Alaska Dept. Mines (1948), p. 36	Au
Dictator Creek: Smith (1933), p. 41	Au
Minnie Creek: Maddren (1913), p. 69, 94-95	Au
Phoebe Creek: Maddren (1913), p. 105	Au
Robert Creek, tributaries: Maddren (1913), p. 105	Au
Sheep Creek: Maddren (1913), p. 105	Au
Spruce Creek: Maddren (1913), p. 105	Au

1/ Symbols - Sb, antimony; Cu, copper; FM, fissionable materials (other than monazite); Au, gold; Pb, lead; Mo, molybdenum; Mz, monazite; W, tungsten.

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

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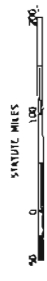
SOURCE OF DATA ON DISTRIBUTION OF GRANITIC ROCKS

- Brosge, W. P., and Reiser, H. N., 1964, Geologic map and section of the Chandalar quadrangle, Alaska: U.S. Geol. Survey Misc. Geol. Inv. Map I-375.

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ALASKA

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ARCTIC OCEAN

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RUSSIAN ISLANDS

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ADAMSON ISLANDS

FRIGATE SHOALS

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