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METALLIC MINERAL RESOURCES MAP OF THE CIRCLE 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.

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LODE DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/}
1	Dempsey Pup: Joesting (1943), p. 11	Sb
2	Hope Creek: Joesting (1943), p. 12	Sb
3	Porcupine Dome: Mertie (1938), p. 225-226	Au
4	Miller House: Wedow, White, and others (1954), p. 5	Cu, Pb
5	Bedrock Creek: Nelson, West, and Matzko (1954), p. 13	W
6	Deadwood Creek: Mertie (1938), p. 237-238	Pb, W
7	Portage Creek: Nelson, West, and Matzko (1954), p. 13	Zn

^{1/} Symbols - Sb, antimony; Cu, copper; Au, gold; Pb, lead; W, tungsten;
Zn, zinc.

PLACER DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
8	Nome Creek: Ellsworth (1912), p. 243-244; Smith (1942), p. 38-39, 67; Wedow, Killeen, and others (1954), p. 8	Au, Mz, Sn
9	Sourdough Creek: Joesting (1942), p. 14, 32; Nelson, West, and Matzko (1954), p. 11; Wedow, Killeen, and others (1954), p. 8	Sb, Au, Sn, W
10-11	Hope Creek: Brooks (1907a), p. 37	Au
12	Charity Creek: Burand (1965), p. 3	Au
13	Homestake Creek: Prindle (1910), p. 209; Ellsworth (1912), p. 242	Au
14	Deep Creek: Wedow, Killeen, and others (1954), p. 8 Faith Creek: Smith (1942), p. 39	Au Au
15	Bachelor Creek: Prindle and Katz (1913), p. 149-150	Au
16	Butte Creek: Mertie (1938), p. 231	Au
17	Gold Dust Creek: Mertie (1938), p. 231	Au
18	Eagle Creek: Mertie (1938), p. 228-231	Au
19	Porcupine Creek: Mertie (1938), p. 224-226 Yankee Creek: Mertie (1938), p. 225	Au, Sn Au
20	Bonanza Creek: Mertie (1932), p. 169; Mertie (1938), p. 225-228	Au, Pb
21	Miller Creek: Mertie (1938), p. 222-224	Au
✓ 22	Crooked Creek: Nelson, West, and Matzko (1954), p. 11 Independence Creek: Mertie (1938), p. 210-211, 218-222; Nelson, West, and Matzko(1954), p. 13-14 Mammoth Creek: Mertie (1938), p. 205-208 Mastodon Creek: Mertie (1938), p. 206-208; Joesting (1942), p. 32	Au FM, Au, Pb, RE, Sn, W Au Au, Sn

1/ Symbols - Sb, antimony; FM, fissionable materials (other than monazite); Au, gold; Pb, lead; Mz, monazite; RE, rare-earth metals (other than monazite); Sn, tin; 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>
23	Harrison Creek, North Fork: Mertie (1938), p. 231-235; Joesting (1942), p. 32	Au, Sn
24	Harrison Creek (including South Fork): Mertie (1938), p. 232-233	Au
25	Greenhorn Creek (or Gulch): Mertie (1938), p. 250	Au
26	Boulder Creek: Mertie (1932), p. 164	Au
27	Deadwood Creek: Johnson (1910), p. 246-250; Brooks (1918), p. 56; Mertie (1938), p. 235-245; Joesting (1942), p. 27, 37, 41; Nelson, West, and Matzko (1954), p. 14	Au, Pb, FM, Hg, Sn, W
	Switch Creek: Johnson (1910), p. 248-250; Mertie (1938), p. 236-238, 245-248; Joesting (1942), p. 37, 41	Au, Pb, W
28	Squaw Creek (or Gulch): Brooks (1907b), p. 195	Au
29	Bottom Dollar Creek: Mertie (1938), p. 231, 235	Au
	Half Dollar Creek: Smith (1941), p. 41; Joesting (1943), p. 19-20	Au, Sn, W
	Two Bit Gulch: Ellsworth and Parker (1911), p. 164	Au
30	Holdem Creek: Smith (1936), p. 39	Au
	Ketchem Creek: Mertie (1938), p. 248-250; Wedow, White, and others (1954), p. 5	Au, RE, Sn, W
31	Hot Springs Creek: Wedow, White, and others (1954), p. 5	Au(?), RE, W
32	Portage Creek: Nelson, West, and Matzko (1954), p. 11-15; Wedow, White, and others (1954), p. 4-5	Bi, Cu, FM, Au, Mz, RE, Sn, W
33	Birch Creek: Ellsworth and Davenport (1913), p. 213	Au
34	Palmer Creek: Joesting (1942), p. 39, 41	Au, W
35	Shamrock Creek: Smith (1941), p. 43	Au
36	Chena River: Ellsworth (1912), p. 244; Smith (1942), p. 40	Au

1/ Symbols - Bi, bismuth; Cu, copper; FM, fissionable materials (other than monazite); Au, gold; Pb, lead; Hg, mercury; Mz, monazite; RE, rare-earth metals (other than monazite); Sn, tin; 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>
37	Frying Pan Creek: Ellsworth and Parker (1911), p. 160, 164	Au

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

<u>Name and principal reference</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
Loper Creek: Ellsworth (1910), p. 239	Au

1/ Symbol - Au, gold.

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

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SOURCE OF DATA ON DISTRIBUTION OF IGNEOUS ROCKS

Lathram, E. H., material assembled for compiling a geologic map of east-central Alaska.

