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UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

METALLIC MINERAL RESOURCES MAP OF THE MEDFRA QUADRANGLE, ALASKA

Compiled by

Edward H. Cobb

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	Wyoming Creek: Brooks (1916), p. 50	Sb, Hg
2	Nixon Fork (Mespelt): Brown (1926), p. 127-128, 130-134; Mertie (1936), p. 229-241; Jasper (1961), p. 49-53, 56-58	Bi, Cu, <u>Au</u> , Ag
3	Whalen: Brown (1926), p. 127-130; Mertie (1936), p. 229-237, 241-242; White and Stevens (1953), p. 12	Bi, Cu, <u>Au</u> , Ag, W
4	Hidden Creek (Matthews and Blackburn): Brown (1926), p. 127	Au
5	Stone: White and Stevens (1953), p. 18	Au
6	Unnamed occurrence: Berg and Cobb (1967), p. 97	Mn

1/ Symbols - Sb, antimony; Bi, bismuth; Cu, copper; Au, gold; Mn, manganese; Hg, mercury; Ag, silver; W, tungsten.

2/ Symbol underlined indicates recorded production.

PLACER DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
7	Cottonwood Creek: Brown (1926), p. 118, 141	Au
8	Ruby Creek: Brown (1926), p. 138; Mertie (1936), p. 196-197; White and Stevens (1953), p. 12, 15-16, 19	FM, Au, Sn, W
9	Crystal Gulch: Brown (1926), p. 138; Mertie (1936), p. 196-197	Bi, Au
10	Riddle Gulch: Mertie (1936), p. 194	Au
11	Holmes Gulch: Brown (1926), p. 137; Mertie (1936), p. 196	Bi, Au
12	Birch Gulch (Creek): Mertie (1936), p. 195-196	Bi, Au
13	Hidden Creek: Brown (1926), p. 136-137; Mertie (1936), p. 193-195	Bi, Au, W
14	Crooked Creek: Brown (1926), p. 139 Eagle Creek: White and Stevens (1953), p. 16, 18-19	Au FM, Au, RE, W

1/ Symbols - Bi, bismuth; FM, fissionable materials (other than monazite); Au, gold; RE, mineral (other than monazite) that contains rare-earth element(s); Sn, tin; W, tungsten.

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

REFERENCES

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- Brooks, A. H., 1916, Antimony deposits of Alaska: U.S. Geol. Survey Bull. 649, 67 p.
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- Mertie, J. B., Jr., 1936, Mineral deposits of the Ruby-Kuskokwim region, Alaska: U.S. Geol. Survey Bull. 864-C, p. 115-245.
- White, M. G., and Stevens, J. M., 1953, Reconnaissance for radioactive deposits in the Ruby-Poorman and Nixon Fork districts, west-central Alaska, 1949: U.S. Geol. Survey Circ. 279, 19 p.

SOURCES OF DATA ON DISTRIBUTION OF GRANITIC ROCKS

- Condon, W. H., 1968, unpublished compilation, 1:250,000.
- Mertie, J. B., Jr., and Harrington, G. L., 1924, The Ruby-Kuskokwim region, Alaska: U.S. Geol. Survey Bull. 754, pl. IV.

Index map showing location of the Medfra quadrangle.