O.F. #322

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

METALLIC MINERAL RESOURCES MAP OF THE MCGRATH QUADRANGLE, ALASKA

Compiled by

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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</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
1	Roundabout Mountain: Brooks and Martin (1921), p. 93	Cu, Ni
2-4	White Mountain: Sainsbury and MacKevett (1965), p. 21-35	<u>Hg</u>
5	Unnamed occurrence: Reed and Elliott (1968c), p. 3	Cu, Ni
6	Ozzna Creek tributary: Reed and Elliott (1968b), p. 4-8	Pb, Ag, Zn
7	Sheep Creek, Rat Fork: Reed and Elliott (1968b), p. 4, 6-7	Cu, Pb, Ag, Zn
8	Sheep Creek, Rat Fork: Reed and Elliott (1968b), p. 6-7	Cu, Pb, Zn
9	Sheep Creek: Reed and Elliott (1968b), p. 5-8	Zn
10	Sheep Creek: Reed and Elliott (1968b), p. 5-7	Zn
11	Tin Creek tributary: Reed and Elliott (1968b), p. 5-7	Cu
12	Unnamed occurrence: Reed and Elliott (1968b), p. 5-7	Pb
13	Hippie Creek: Reed and Elliott (1968b), p. 2, 5-8	Pb, Ag
14	Hippie Creek, South Fork: Reed and Elliott (1968b), p. 2, 6-7	Pb, Ag
15-17	Bowser Creek: Reed and Elliott (1968a), 17 p.	Cu, Au, Pb, Ag, Zn
18	Post River, West Fork : Reed and Elliott (1968b), p. 2, 6-7	Cu, Zn

1/ Symbols - Cu, copper; Au, gold; Pb, lead; Hg, mercury; Ni, nickel; Ag, silver; Zn, zinc.

2/ Symbol underlined indicated recorded production.

PLACER DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
19	Candle Creek: Mertie (1936), p. 197-198; White and Killeen (1953), p. 16, 18	<u>Au</u> , <u>Hg</u> , Mz(?), W
20	Alder Creek (Gulch): Smith (1934), p. 45; unpublished data	Sb, Bi, <u>Au</u> , W

1/ Symbols - Sb, antimony; Bi, bismuth; Cu, copper; Au, gold; Hg, mercury; Mz, monazite; W, tungsten.

2/ Symbol underlined indicates recorded production.

<u>Number</u>	<u>Name and principal reference</u>	<u>Commodity</u> <u>1/</u>
21	Ozzna Creek: Reed and Elliott (1968b), p. 4, 6-7	Pb, Zn
22	Tin Creek tributary: Reed and Elliott (1968b), p. 5-7	Cu, Zn
23	Unnamed creek: Reed and Elliott (1968b), p. 5-7	Cu, Zn

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

Black Creek: Smith (1933), p. 43 Au

1/ Symbols - Cu, copper; Au, gold; Pb, lead; Zn, zinc.

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- Mertie, J. B., Jr., and Harrington G. L., 1924, The Ruby-Kuskokwim region, Alaska: U.S. Geol. Survey Bull. 754, pl. IV.
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- , 1968b, Geochemical anomalies and metalliferous deposits between Windy Fork and Post River, southern Alaska Range: U.S. Geol. Survey Circ. 569, fig. 2.
- , 1968c, Results of stream sediment sampling in parts of the southern Alaska Range: U.S. Geol. Survey open-file rept., figs. 2, 3.

Index map showing location of the McGrath quadrangle.