

LODE DEPOSITS

Number	Name and principal reference(s)	Commodity 1/, 2/
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; White and Stevens, 1953, p. 17; Jasper, 1961	Bi, Cu, FM, Au, Ag
3	Whalen: Brown, 1926, p. 127-130; Mertie, 1936, p. 229-235; White and Stevens, 1953, p. 12	Bi, Cu, FM, Au, RE, Ag, W
4	Hidden Creek (Matthews & 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

PLACER DEPOSITS

Number	Name and principal reference(s)	Commodity 1/, 3/
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: 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

Placer deposit not shown on map because occurrence could not be located closely enough to plot:
Our Creek: Brown, 1926, p. 141 Au

- 1/ Symbols - Sb, antimony; Bi, bismuth; Cu, copper; FM, fissionable materials (other than monazite); Au, gold; Mn, manganese; Hg, mercury; RE, mineral (other than monazite) that contains rare-earth element(s); Ag, silver; Sn, tin; W, tungsten.
- 2/ Symbol underlined indicates recorded production.
- 3/ Gold has been produced from most of the listed placers.

REFERENCES

Berg, H. C., and Cobb, E. H., 1967, Metalliferous lode deposits of Alaska: U.S. Geol. Survey Bull. 1246, 254 p.

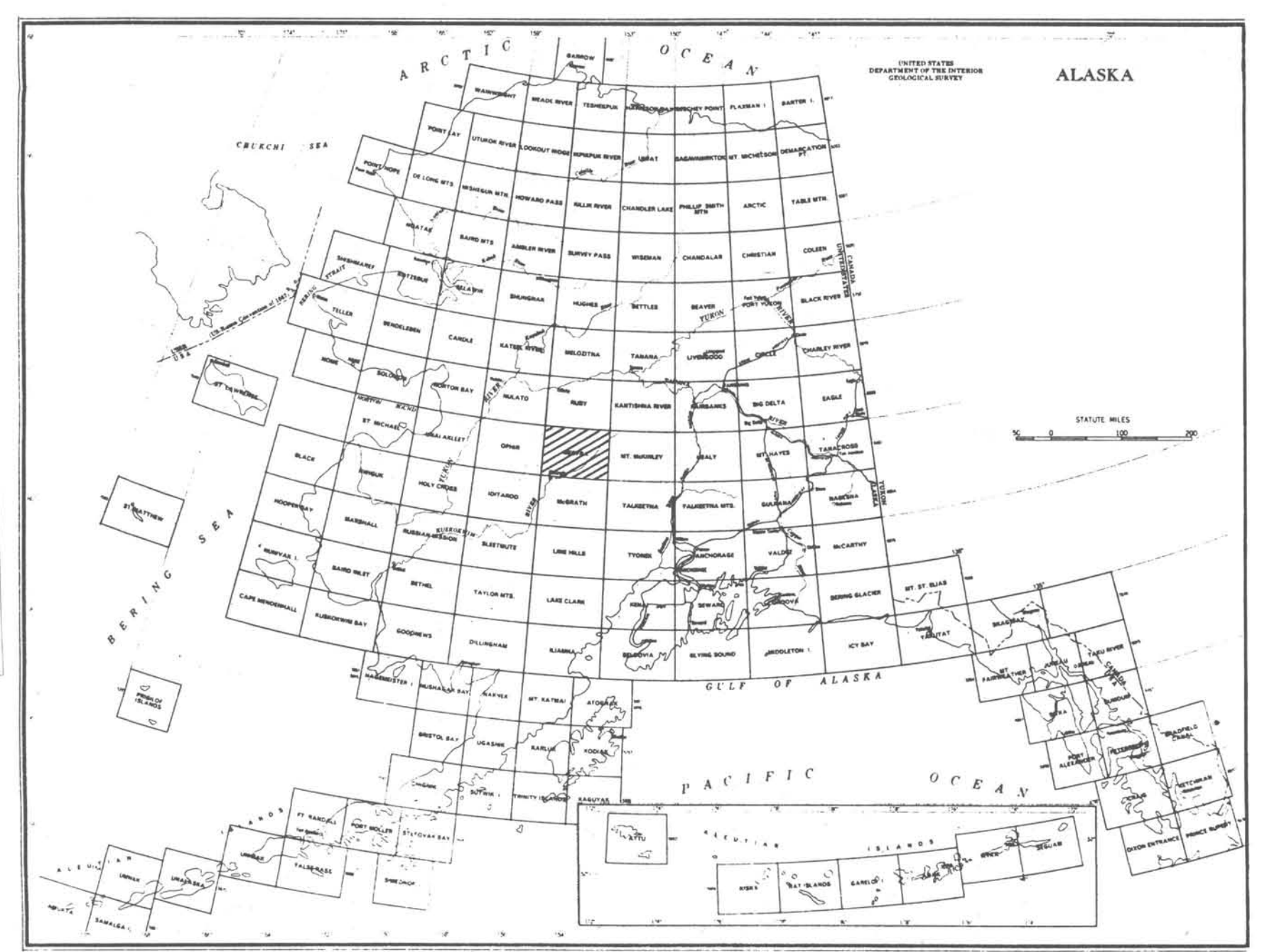
Brooks, A. H., 1916, Antimony deposits of Alaska: U.S. Geol. Survey Bull. 649, 67 p.

Brown, J. S., 1926, The Nixon Fork country: U.S. Geol. Survey Bull. 783, p. 97-144.

Jasper, M. W., 1961, Mespelt mine, Medfra quadrangle: Alaska Dept. Mines and Minerals Rept. for year 1961, p. 49-53, 56-58.

Mertie, J. B., Jr., 1936, Mineral deposits of the Ruby-Kuskokwim region, Alaska: U.S. Geol. Survey Bull. 864-C, p. 115-255.

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.

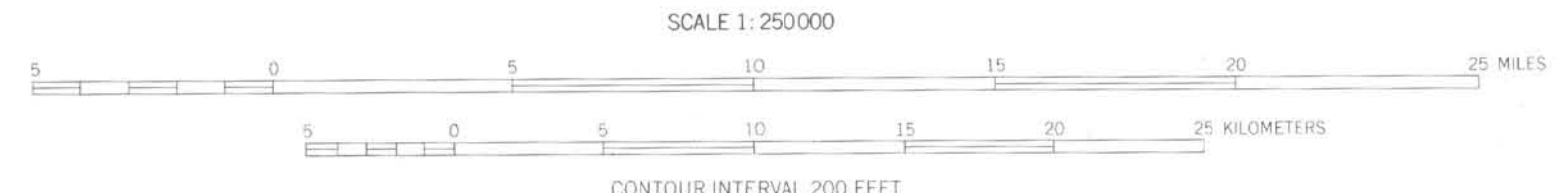


Index map showing location of the Medfra quadrangle.

MAPPED, EDITED, AND PUBLISHED BY THE GEOLOGICAL SURVEY, 1959

EXPLANATION

◇ 5 Lode deposit
X 7 Placer deposit
/ 13 } numbers refer to accompanying list



METALLIC MINERAL RESOURCES MAP OF THE MEDFRA QUADRANGLE, ALASKA

Compiled by
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