

**LODE DEPOSITS**

Number	Name and principal reference(s)	Commodity 1/
1	Arnold; Harrington, 1918, p. 63-64; Smith, 1924a, p. 198-199; West, 1954, p. 8-9	Cu, Au, Pb, Mo, W
2	Elgar Creek; Harrington, 1918, p. 63	Au
3	Black Mountain; Ebbley and Wright, 1948, p. 40	Sb
4	Erink (Ohat River); Cady and others, 1955, p. 122	Mo
5	Mission Creek (Koschevsky); West, 1954, p. 5-7; Cady and others, 1955, p. 121-122	Cu, Fe, Au, Pb, Ag, W
6	Cobalt Creek (February); West, 1954, p. 5-7; Cady and others, 1955, p. 121-122	Cu, Au, Pb, Ag, Sn, Zn

**PLACER DEPOSITS**

Number	Name and principal reference(s)	Commodity 2/
7	Willow Creek; Harrington, 1918, p. 60-62; Hoare and Conrad, 1959	Au, Pt, Ag
8	Disappointment Creek; Harrington, 1918, p. 59	Au, Pt
9	Wilson Creek; Harrington, 1918, p. 59; Hoare and Conrad, 1959	Au, Pt
10	Elephant Creek; Harrington, 1918, p. 59; Joesting, 1940, p. 40; Hoare and Conrad, 1959	Au, W
11-13	Buster Creek; Smith, 1924, p. 43	Au
14-13	Montezuma Creek; Smith, 1924, p. 43; Hoare and Conrad, 1959	Au
14	Hobtail Creek; Smith, 1924b, p. 44; Joesting, 1940, p. 27; Hoare and Conrad, 1959	Au, Hg
15	Bogus Creek; Madren, 1915, p. 331-332	Au
16	Ophir Creek; Madren, 1915, p. 332-336	Au
17	California Creek; Hoare and Conrad, 1959	Au, Ag
18	Rock (Hoopy) Creek; Alaska Div. Mines and Minerals, 1960, p. 77	Au
19	Thlukak River; Madren, 1915, p. 331; Alaska Div. Mines and Minerals, 1960, p. 77	Au
20	Tiny Gulch; Madren, 1915, p. 328-329	Au
21	Spruce Creek; Madren, 1915, p. 311-312, 321-322	Au
22	Bear Creek; Madren, 1915, p. 309-321, 328-330; Hoare and Conrad, 1959; Merzke, 1969, p. 89-90	Au, Hg, Pt
23	Bonanza Creek; Madren, 1915, p. 311-312, 327-329	Au

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

Happy Creek; Brooks, 1915, p. 66  
Mission Creek; West, 1954, p. 6

1/ Symbols - Sb, antimony; Cu, copper; Fe, fissionable materials (other than monazite); Au, gold; Pb, lead; Hg, mercury; Mo, molybdenum; Pt, platinum-group metals; Ag, silver; Sn, tin; W, tungsten; Zn, zinc.

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

**REFERENCES**

Alaska Division of Mines and Minerals, 1960, Report for the year 1960, 88 p.

Brooks, A. H., 1915, The Alaskan mining industry in 1914; U.S. Geol. Survey Bull. 622, p. 15-60.

Cady, W. M., Wallace, R. E., Hoare, J. M., and Webber, E. J., 1955, The central Kuskokwim region, Alaska; U.S. Geol. Survey Prof. Paper 658, 122 p.

Ebbley, Norman, Jr., and Wright, W. S., 1948, Antimony deposits in Alaska; U.S. Bur. Mines Rept. Inv. 4173, 41 p.

Harrington, G. L., 1918, The Anvik-Andreaski region, Alaska (including the Marshall district); U.S. Geol. Survey Bull. 653, 10 p.

Hoare, J. M., and Conrad, W. L., 1959, Geology of the Russian Mission quadrangle, Alaska; U.S. Geol. Survey Misc. Geol. Inv. Map I-259, scale 1:250,000.

Joesting, H. R., 1940, Strategic mineral occurrences in interior Alaska; Alaska Dept. Mines Rept. 3, 46 p.

Madren, A. G., 1915, Gold placers of the lower Kuskokwim, with a note on copper in the Russian Mountains; U.S. Geol. Survey Bull. 622, p. 292-360.

Merzke, J. B., Jr., 1969, Economic geology of the platinum minerals; U.S. Geol. Survey Prof. Paper 529, 120 p.

Smith, F. S., 1924, Mineral industry of Alaska in 1923; U.S. Geol. Survey Bull. 804-a, p. 1-94.

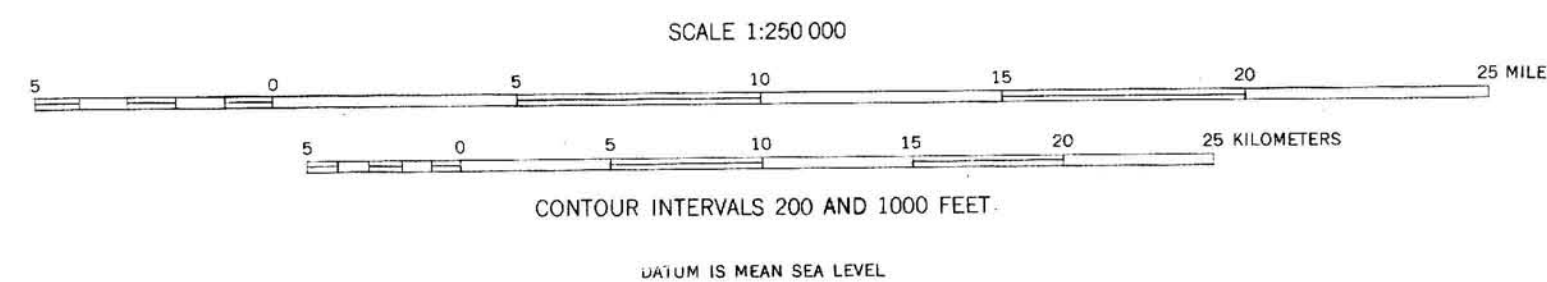
1939, Mineral industry of Alaska in 1937; U.S. Geol. Survey Bull. 910-a, p. 1-113.

1960, Occurrences of molybdenum minerals in Alaska; U.S. Geol. Survey Bull. 965-c, p. 161-207.

1948, Mineral industry of Alaska in 1940; U.S. Geol. Survey Bull. 933-a, p. 1-102.

West, W. S., 1954, Reconnaissance for radioactive deposits in the lower Yukon-Kuskokwim region, Alaska, 1952; U.S. Geol. Survey Circ. 328, 10 p.

Base by U.S. Geological Survey, 1914; 1947(RC)



For sale by U. S. Geological Survey, price \$50

**EXPLANATION**

3 Lode deposit  
15 Placer deposit  
7 numbers refer to accompanying list

**METALLIC MINERAL RESOURCES MAP OF THE RUSSIAN MISSION QUADRANGLE, ALASKA**

Compiled by Joseph M. Hoare and Edward H. Cobb, 1972