



LODE DEPOSITS		
Number	Name and principal reference(s)	Commodity 1/
1	Malfatti: Berg and Cobb, 1967, p. 104	Cu
2	Jade Mountains: Brough, Reiser, and Taillaur, 1967, sample H98(A)	Cu, Pb
3	Jade Hills: Anderson, 1945, p. 24	Ni
4	Aurora Mountain (Pardners Hill): Smith, 1913, p. 149-150; 153; Fritts, 1970, p. 39, 62	Cu, Au, Pb, Ag, Zn
5	Iron Mountain: Smith and Mertie, 1930, p. 343	Fe
6	Ruby Creek (Bornite): Fritts, 1970, p. 39-54	Cu, Co, FM, Au, Pb, Zn
7	Riley Creek: Smith and Mertie, 1930, p. 336	Au
8	Shishakhinovich Pass: Smith, 1913, p. 150	Cu, Au, Pb, Ag

PLACER DEPOSITS		
Number	Name and principal reference(s)	Commodity 1/, 2/
9	Bismark Creek: Reed, 1931, p. 14-15; Fritts, 1970, p. 55	Au
	Shungnak River: Smith, 1913, p. 131-132; Reed, 1931, p. 12-16; Fritts, 1970, p. 54-55	Cu, Au, Ag
10	Jay Creek: Reed, 1931, p. 18	Au
11	Riley Creek: Smith, 1913, p. 129-131; Reed, 1931, p. 22-24; Fritts, 1970, p. 58	Au
12	Midas Creek: Smith, 1913, p. 141-142	Au

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

Agnes Creek: Brooks, 1925, p. 51	Au
Ambler Valley: Brooks and Martin, 1921, p. 95	Au
Boulder Creek: Smith, 1941, p. 67	Au
Pearl Creek: Smith, 1934, p. 53; Fritts, 1970, p. 58	Au

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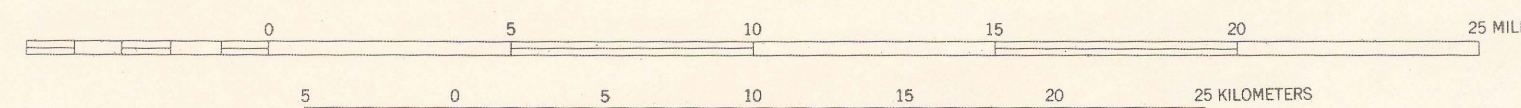
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1/ Symbols - Co, cobalt; Cu, copper; FM, fissionable materials (other than monazite); Au, gold; Fe, iron; Pb, lead; Ni, nickel; Ag, silver; Zn, zinc.

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

MAPPED, EDITED, AND PUBLISHED BY THE GEOLOGICAL SURVEY 1956  
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SCALE 1:250,000

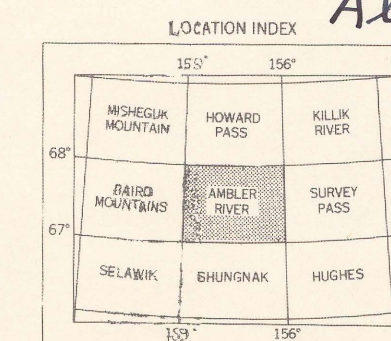


CONTOUR INTERVAL 200 FEET  
DATUM IS MEAN SEA LEVEL

METALLIC MINERAL RESOURCES MAP OF THE AMBLER RIVER QUADRANGLE, ALASKA  
Compiled by Edward H. Cobb, 1972

EXPLANATION

2 Lode deposit  
5 Placer deposit  
9 numbers refer to accompanying list



Alaska (Ambler River quad.) Metals. 1:250,000. 1972.

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MF-454  
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