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DIV. MINES & GEOLOGY

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

METALLIC MINERAL RESOURCES MAPS OF SEVEN ALASKA QUADRANGLES

Chignik
Cold BayDillingham
Lake Clark
NaknekPort Moller
UnalaskaCompiled by
Edward H. Cobb

Open-file maps

1970

These maps are preliminary
and have not been edited or
reviewed for conformity with
Geological Survey standards
or nomenclature.

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EXPLANATION

Granitic rocks

Lode deposit

Placer deposit

Numbers refer to accompanying lists

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METALLIC MINERAL RESOURCES MAP OF THE GOLD BAY QUADRANGLE, ALASKA
Compiled by Edward H. Cobb
1970

MAPS 2, EDITED AND PUBLISHED BY THE GEOLOGICAL SURVEY

METALLIC MINERAL RESOURCES MAP OF THE LAKE CLARK QUADRANGLE, ALASKA

Compiled by Edward H. Cobb
1970

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MAP NO. 1000
1:50,000
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METALLIC MINERAL RESOURCES MAP OF THE NAKNEK QUADRANGLE, ALASKA

Compiled by Edward H. Cobb
1970

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AND GEODETIC SURVEY
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METALLIC MINERAL RESOURCES MAP OF THE PORT MOLLER QUADRANGLE, ALASKA

Compiled by Edward H. Cobb

1970

This map is preliminary and has not been edited for conformity with Geological Survey standards or nomenclature.

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METALLIC MINERAL RESOURCES MAP OF THE UNALASKA QUADRANGLE, ALASKA

Compiled by Edward H. Cobb

1970

<u>Number</u>	<u>Name and principle reference(s)</u>	<u>Commodity</u> ^{1/, 2/, 3/}
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CHIGNIK QUADRANGLE

Lode deposits

1	Mallard Duck Bay: Atwood, 1911, p. 128	Au(?), Pb, Zn
2	Prospect (Warner) Bay: Atwood, 1911, p. 129	Cu, Pb, Zn
3	Cathedral Creek: unpublished data	Au, Pb, Ag, Zn

Placer deposit

4	Port Heiden: Berryhill, 1963, p. 33-36	Au, Fe

COLD BAY QUADRANGLE

Placer deposit

1	Moffett Point: Berryhill, 1963, p. 45-48	Fe

DILLINGHAM QUADRANGLE

Lode deposits

1	Silver Horn: unpublished data	Mo
2	Kemuk Mountain: Berg and Cobb, 1967, p. 11	Fe
3	Marsh Mountain: Sainsbury and MacKevett, 1965, p. 57-66	<u>Hg</u>

Placer deposits

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

Koktuli (Koktalee) River: Martin and Katz, 1912, p. 133 Au

^{1/} Symbols - Cu, copper; Au, gold; Fe, iron; Pb, lead; Hg, mercury; Mo, molybdenum; Ag, silver; Zn, zinc.

^{2/} Symbol underlined indicates recorded production.

^{3/} Placer Fe shown only if concentration is greater than 100 pounds per cubic yard.

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/} , ^{2/}
	Lake Nerka: Eakins, 1968, p. 8	Au
	Muklung Hills: Mertie, 1938, p. 91	Au
	Mulchatna River: Martin and Katz, 1912, p. 133	Au
	Stuyahok River: unpublished data	Au

LAKE CLARK QUADRANGLE

Lode deposits

1	Bonanza Creek: Jasper, 1961, p. 61	Au
2	Thompson: Smith, 1915, p. 268; Moxham and Nelson, 1952, p. 3-4	Au, Mo
3-4	Thompson: Moxham and Nelson, 1952, p. 3-4	Cu, Pb, Ag, Zn
5	Kasna Creek: Warfield and Rutledge, 1951; Reed, 1967, p. 13-16	Cu, Fe, Zn

Placer deposits

6	Bonanza Creek: Smith, 1917, p. 136-137; Jasper, 1961, p. 58-64	Au
7	Scynneva Creek: Jasper, 1961, p. 60-61, 64	Au
8	Pass Creek: Jasper, 1961, p. 60-61	Au
9	Portage Creek: Capps, 1935, p. 94	Au

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

Franklin Gulch: Martin and Katz, 1912, p. 126	Au
Ingersoll Gulch: Martin and Katz, 1912, p. 126	Au
Keefer Creek: unpublished data	Au
Kellet Creek: Martin and Katz, 1912, p. 126	Au
Kijik River: Smith, 1915, p. 257	Au
Koksetna River (Caribou Creek): Martin and Katz, 1912, p. 126; Smith, 1915, p. 257	Au

^{1/}Symbols - Cu, copper; Au, gold; Fe, iron; Pb, lead; Mo, molybdenum; Ag, silver; Zn, zinc.

^{2/}Some gold has probably been produced from most of the listed placers.

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/} , ^{2/} , ^{3/}
	Lincoln Gulch: Martin and Katz, 1912, p. 126	Au
	Mulchatna River: Martin and Katz, 1912, p. 133; unpublished data	Au
	Ptarmigan Creek: Brooks, 1913, p. 44	Au

NAKNEK QUADRANGLE

Placer deposits

1	Keefer's (Keeler's) Bar: Mertie, 1938, p. 91	Au
2	Egegik Beach: Berryhill, 1963, p. 28-30	Au, Fe

PORT MOLLER QUADRANGLE

Lode deposits

1	Port Moller: Atwood, 1911, p. 128	Au
2	Balboa Bay: Atwood, 1911, p. 129	Cu
3	Popof Island: Atwood, 1911, p. 125	Au
4	Shumagin: Atwood, 1911, p. 125, 127	Au
5	Sitka: Atwood, 1911, p. 125-127	<u>Au</u> , Pb, Zn
6	Apollo: Becker, 1898, p. 83-85; Atwood, 1911, p. 125-126; Smith, 1933, p. 23	<u>Cu</u> , <u>Au</u> , <u>Pb</u> , <u>Ag</u> , Zn

Placer deposits

7	Nelson Lagoon: Berryhill, 1963, p. 42-45	Fe
8	Port Moller: Berryhill, 1963, p. 39-42	Au, Fe
9	Popof Island: Atwood, 1911, p. 125	Au

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

Unga Island: Brooks, 1912, p. 37	Au
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^{1/} Symbols - Cu, copper; Au, gold; Fe, iron; Pb, lead; Ag, silver; Zn, zinc.

^{2/} Symbol underlined indicates recorded production.

^{3/} Some gold has probably been produced from some of the listed placers; placer iron shown only if concentration is greater than 100 pounds per cubic yard.

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/} , ^{2/}
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UNALASKA QUADRANGLE

Lode deposits

1	Amaknak Island: Drewes and others, 1961,
p. 657	Au
2	Pyramid Peak (Captains Bay): Becker, 1898,
p. 85; Drewes and others, 1961, p. 657	Cu, <u>Au</u>
3	Sedanka Island: Webber and others, 1946;
Drewes and others, 1961, p. 657-658	Cd, Cu, Au, Pb,
Ag, Zn

Placer deposit

4	Makushin River: Drewes and others, 1961,
p. 657 | Au |
|---|--|----|

SOURCES OF DATA ON DISTRIBUTION OF GRANITIC ROCKS

Chignik quadrangle: Burk, 1965.
 Cold Bay quadrangle: Burk, 1965; Waldron, 1961, pl. 79.
 Dillingham quadrangle: Platt, J. N., 1956, unpub. compilation.
 Lake Clark quadrangle: data inadequate.
 Naknek quadrangle: data inadequate.
 Port Moller quadrangle: Burk, 1965.
 Unalaska quadrangle: Drewes and others, 1961, pl. 75 (areas shown also
 include gabbroic border facies).

^{1/} Symbols - Cd, cadmium; Cu, copper; Au, gold; Pb, lead; Ag, silver;
 Zn, zinc.

^{2/} Symbol underlined indicates recorded production.

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