

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RES'D. COLLEGE

MAY 6 1969

DIV. MINES & GEOLOGY

METALLIC MINERAL RESOURCES MAPS OF ELEVEN ALASKA QUADRANGLES

Afognak

Karluk

Taylor Mountains

Beaver

Kenai

Trinity Islands

Bering Glacier

Middleton Island

Tyonek

Bettles

Yakutat

Compiled by

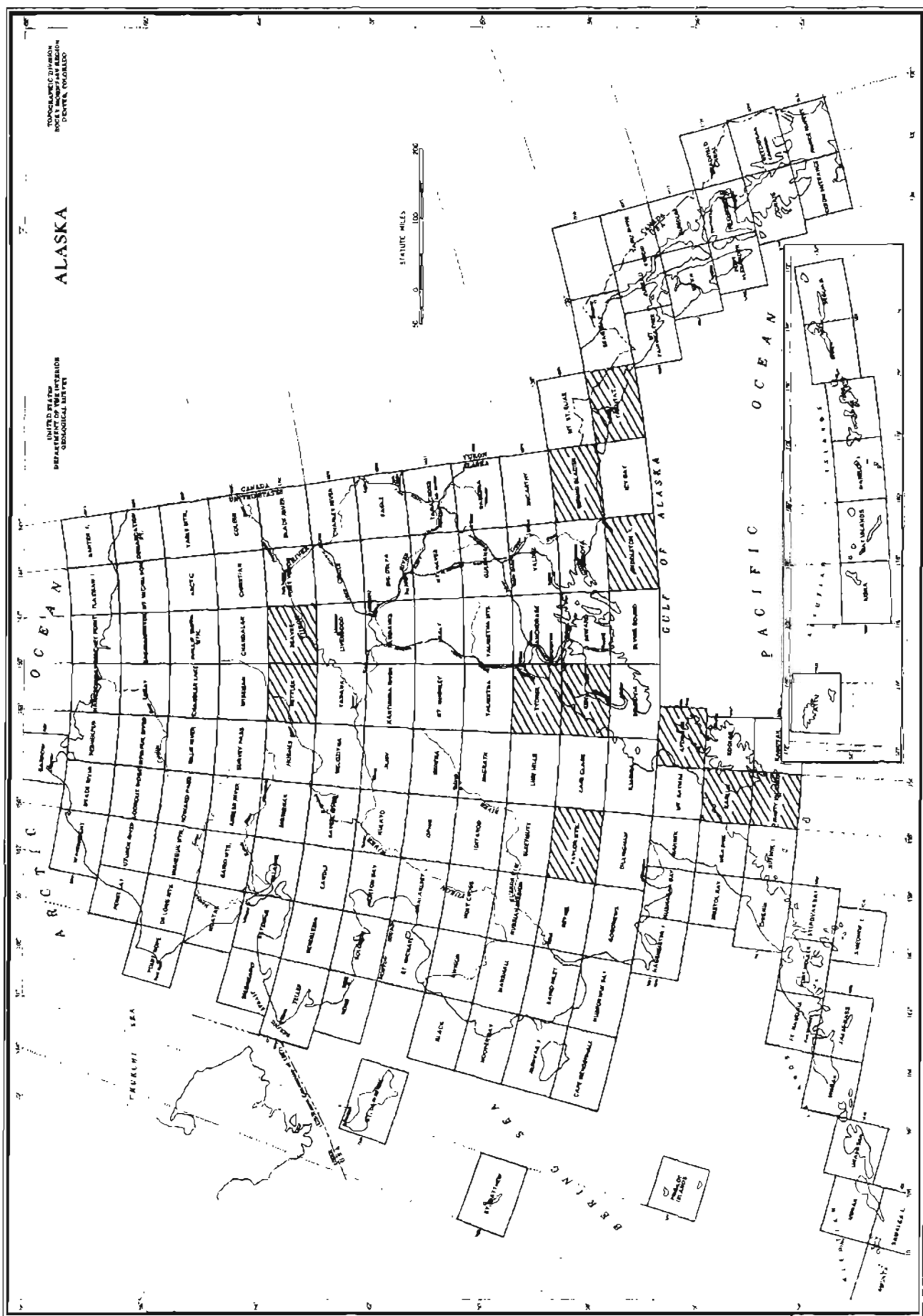
Edward H. Cobb

Open-file maps

1969

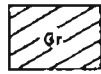
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INDEX MAP

EXPLANATION



Granitic rocks



Mafic and ultramafic rocks



1

Lode deposit

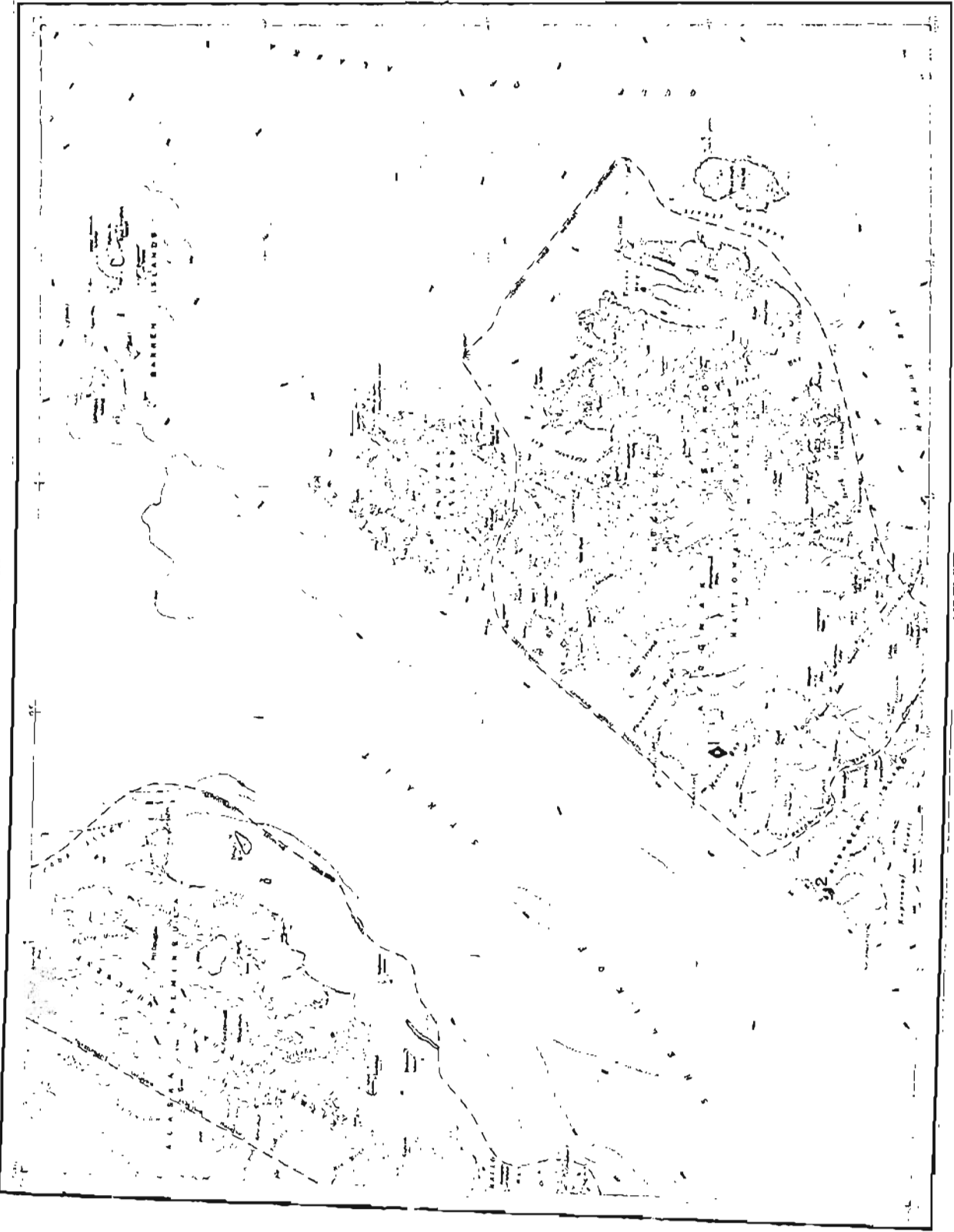
X 4

2

Placer deposit

} numbers refer to accompanying lists.

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WASHINGTON, D. C. 20540



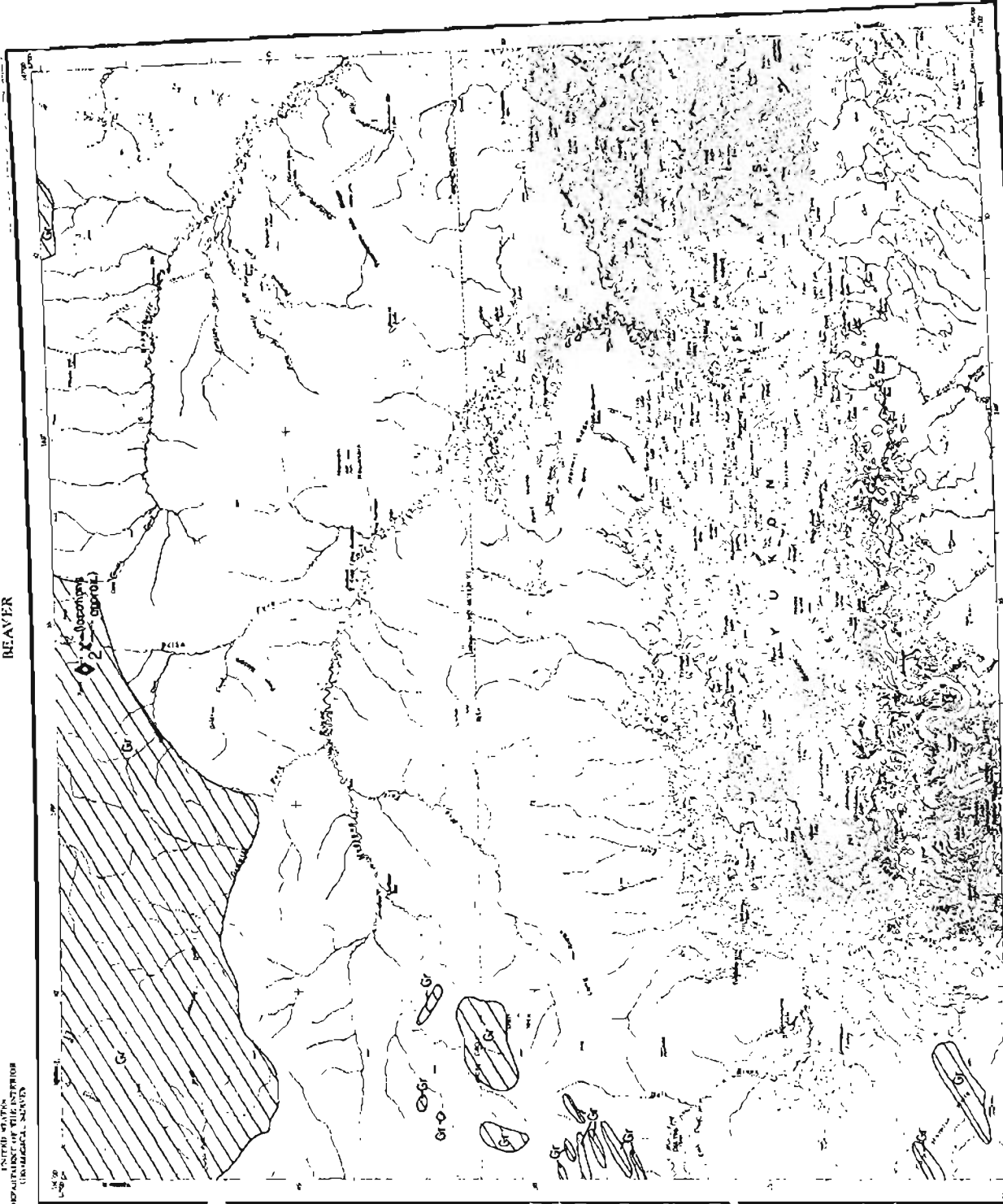
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METALLIC MINERAL RESOURCES MAP OF THE AFONNAK QUADRANGLE, ALASKA

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INTERNAL WATER
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BEAVER



MAP SCALE 1:50,000

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METALLIC MINERAL RESOURCES MAP OF THE BEAVER QUADRANGLE, ALASKA
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BERING GLACIER

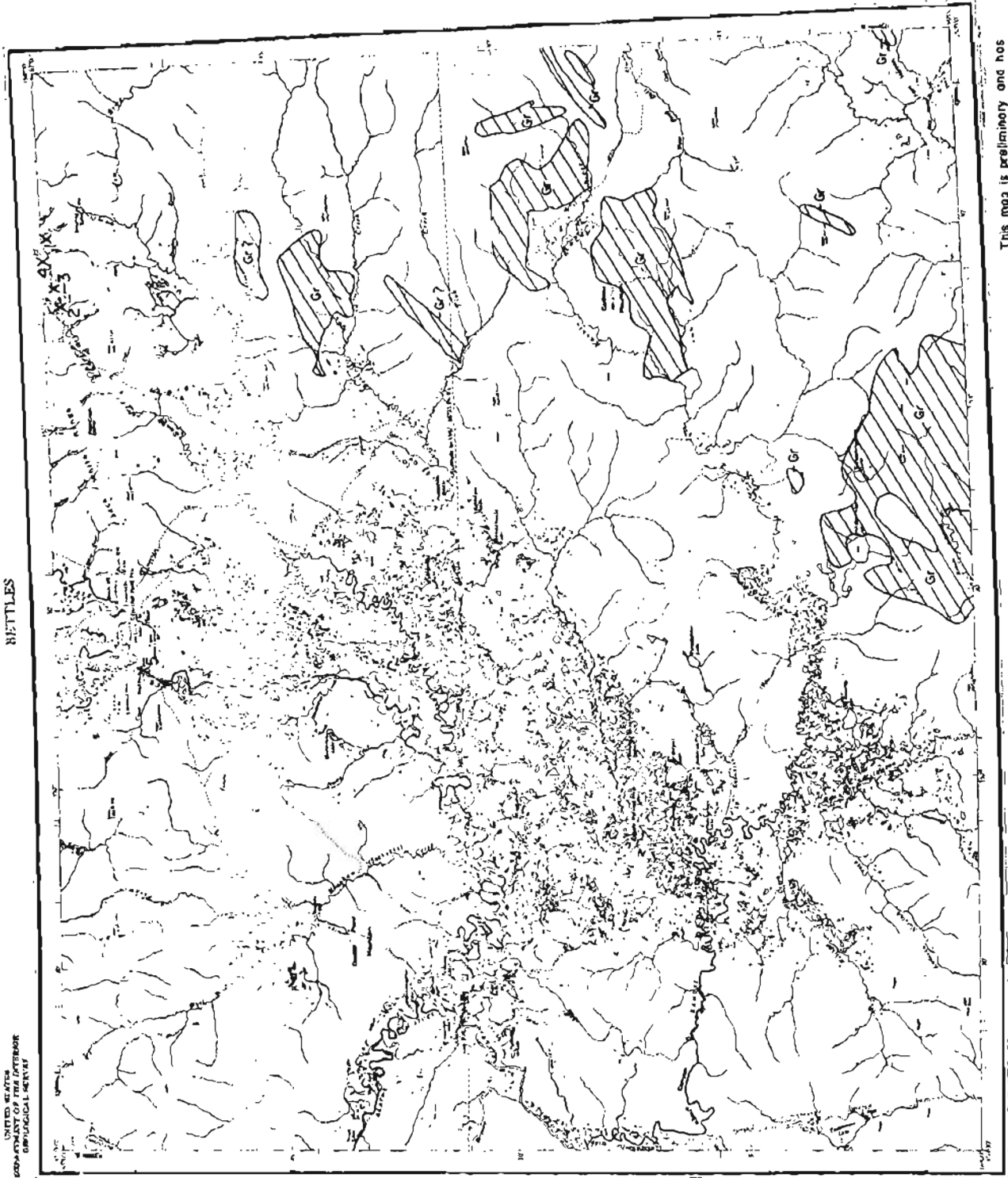


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METALLIC MINERAL RESOURCES MAP OF THE BERING GLACIER QUADRANGLE, ALASKA
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BETTLES

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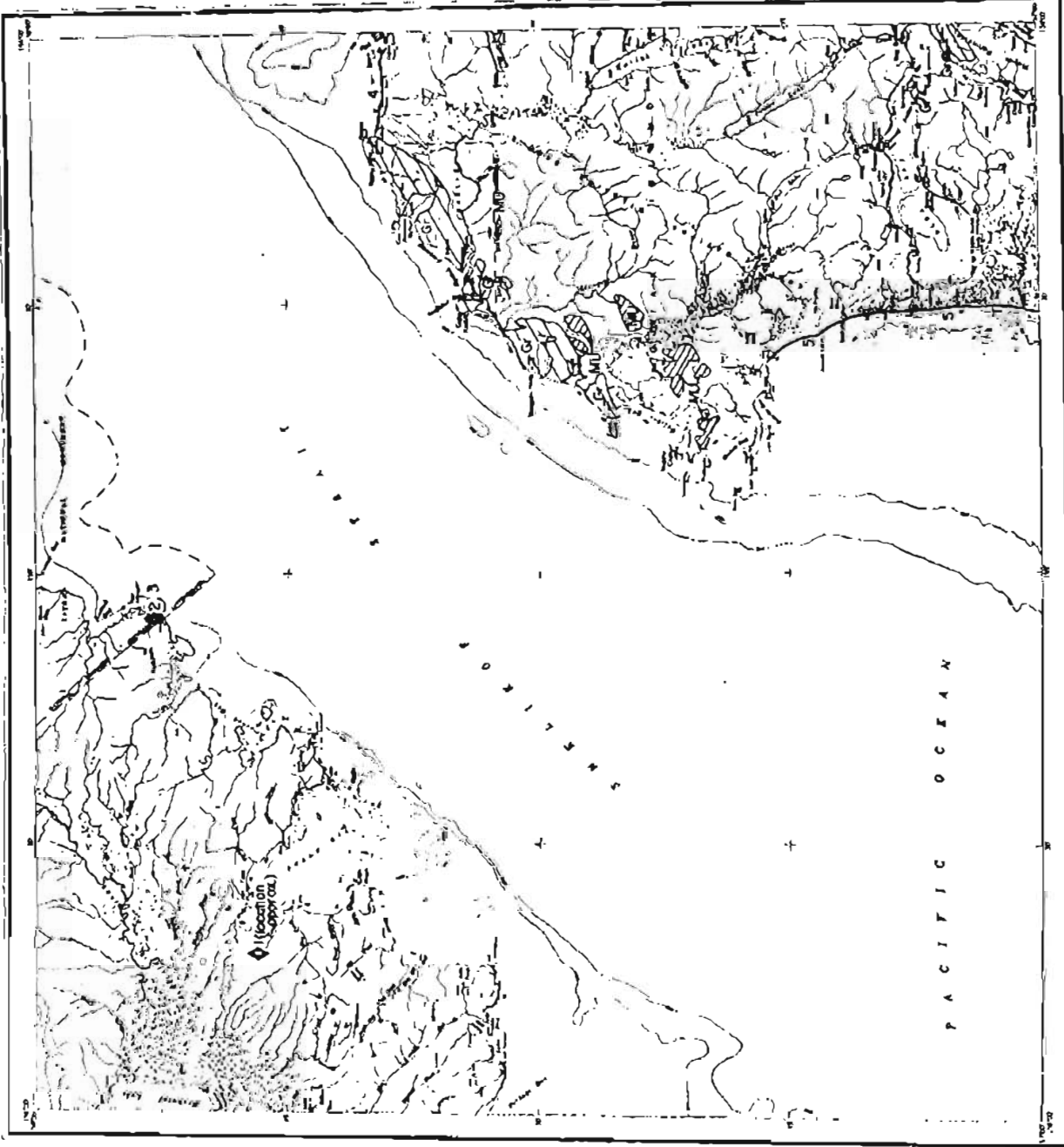
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METALLIC MINERAL RESOURCES MAP OF THE BETTLES QUADRANGLE, ALASKA
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KARLUK

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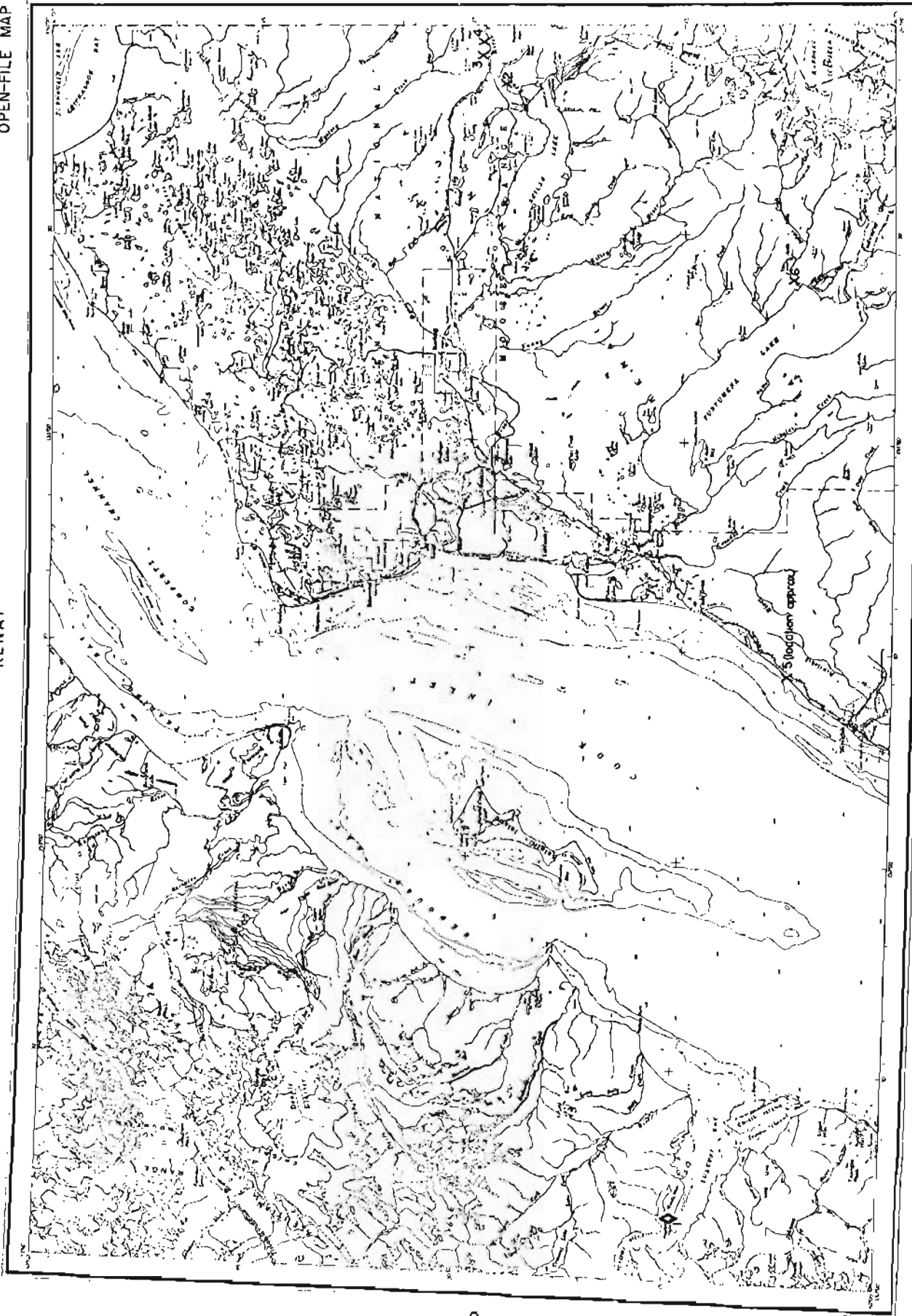


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METALLIC MINERAL RESOURCES MAP OF THE KARLUK QUADRANGLE, ALASKA
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KENAI

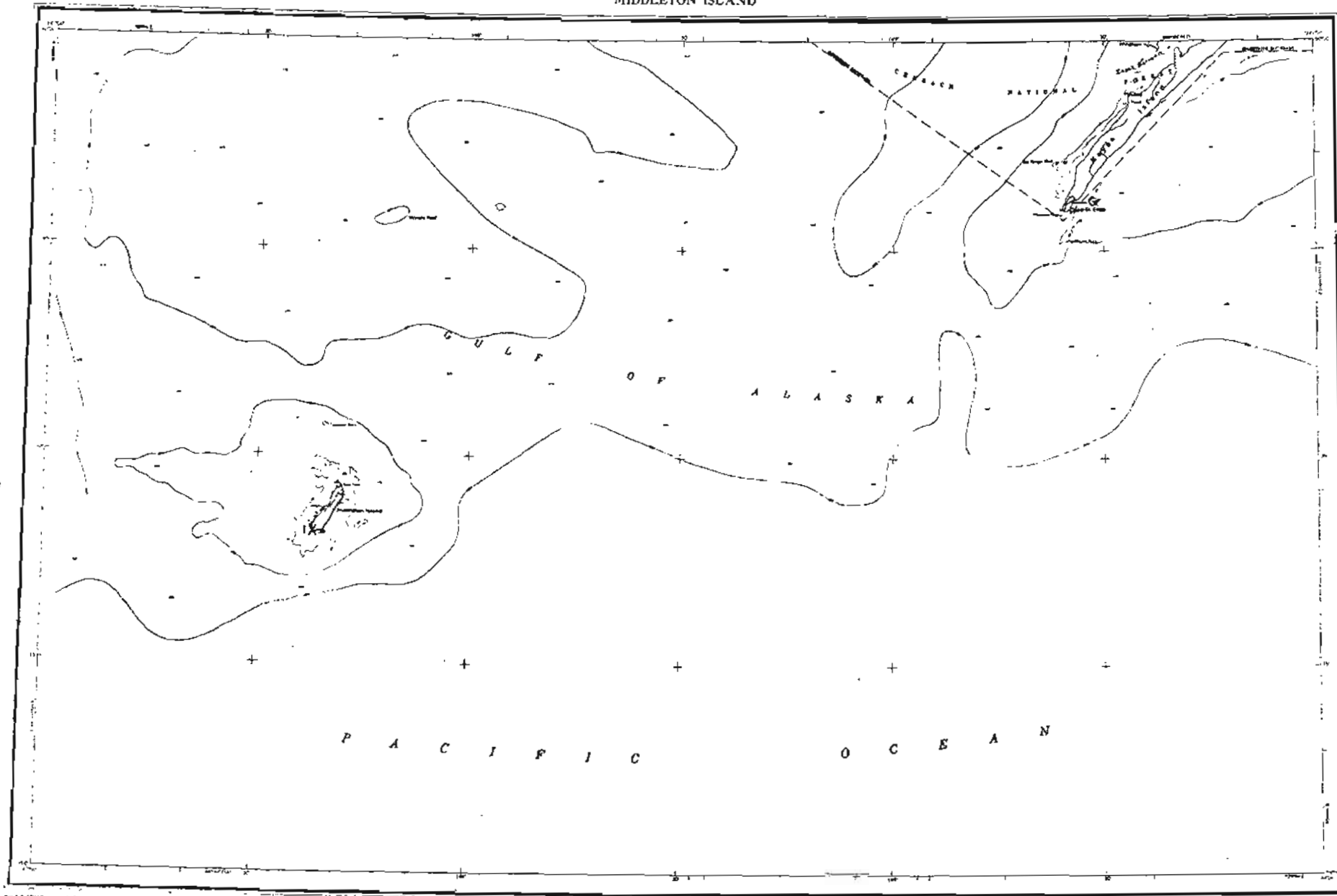
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METALLIC MINERAL RESOURCES MAP OF THE KENAI QUADRANGLE, ALASKA

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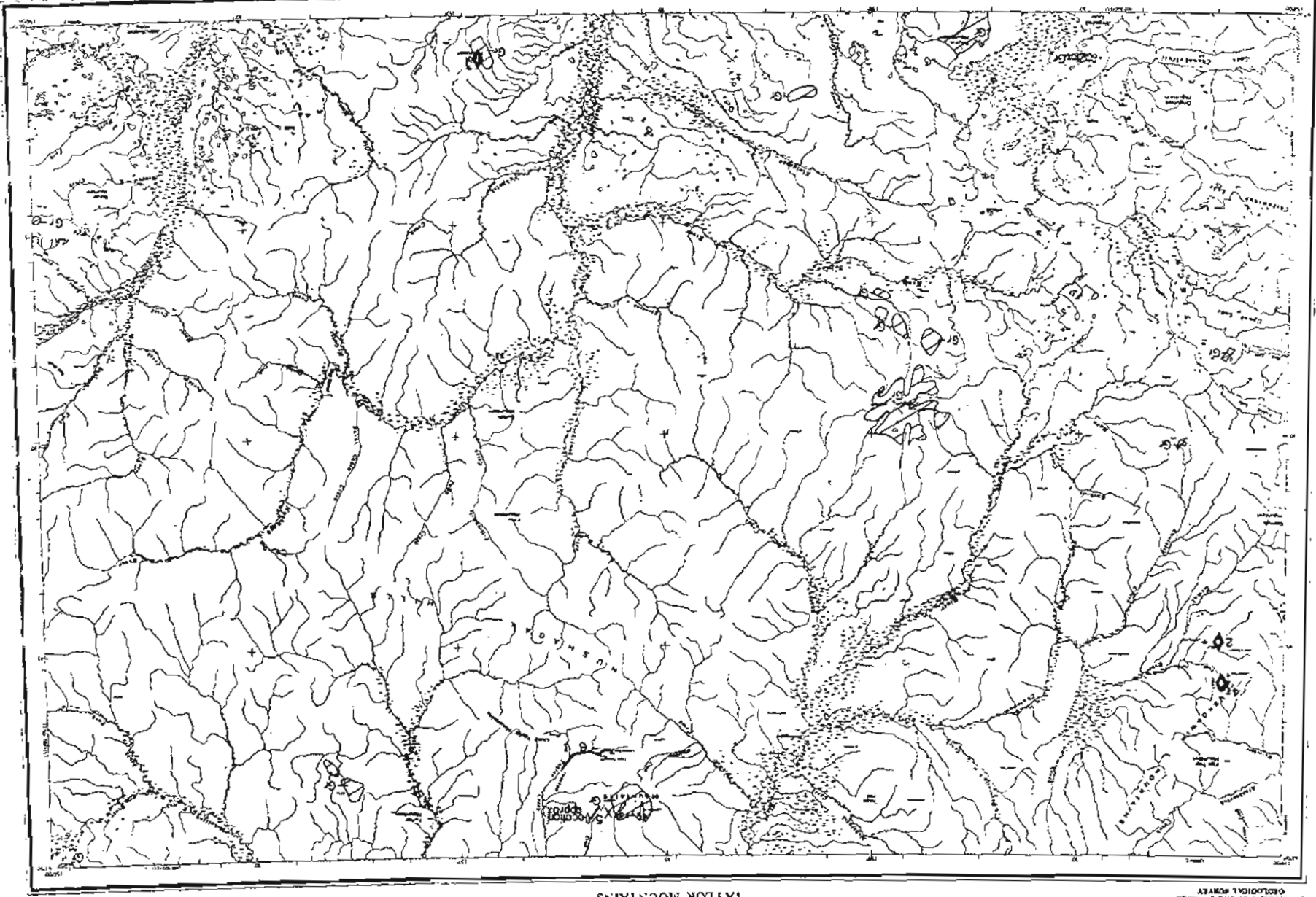


METALLIC MINERAL RESOURCES MAP OF THE MIDDLETON ISLAND QUADRANGLE, ALASKA

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OPEN-FILE MAP

TAYLOR MOUNTAINS

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METALLIC MINERAL RESOURCES MAP OF THE TAYLOR MOUNTAINS QUADRANGLE, ALASKA

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TRINITY ISLANDS

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METALLIC MINERAL RESOURCES MAP OF THE TRINITY ISLANDS QUADRANGLE, ALASKA
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1969

UNIVERSITY OF ALASKA, FAIRBANKS, ALASKA

TYONEK

UNITED STATES
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1:50,000

Scale bar showing distances in miles and feet.

METALLIC MINERAL RESOURCES MAP OF THE TYONEK QUADRANGLE, ALASKA

Computed by Edward H. Cobb
1969

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not been edited or reviewed for
conformity with Geological Survey
standards or nomenclature.

YAKUTAT

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METALLIC MINERAL RESOURCES MAP OF THE YAKUTAT QUADRANGLE, ALASKA
Compiled by Edward H. Cobb
1969

Number Name and principal reference(s) Commodity 1/, 2/

BETTLES QUADRANGLE

Placer deposits

1	Davis Creek: Maddren (1913), p. 70, 107	Au
2	Gold Bench: Maddren (1913), p. 105-107; Reed (1938), p. 153-154; White (1952), p. 11; Wedow and others (1953), p. 3; Nelson, West, and Matzko (1954), p. 18-19	Bi, Cu, FM, Au, Pb, Hg, Mz, Sn, W
3	Ironside Bench (Bar): Maddren (1913), p. 107; Reed (1938), p. 154-155	Au
4	Rock Creek: Reed (1938), p. 160-161	Au
5	Bettles Bar: Reed (1938), p. 163-164	Au

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

Prospect Creek: Maddren (1913), p. 105-106 Au

KARLUK QUADRANGLE

Lode deposits

1	Puale (Cold) Bay: Berg and Cobb (1967), p. 7	Cu, Au, Ag
2	Cape Kubugakli: Smith (1925), p. 207	Sb, Au, Pb, Mo

Placer deposits

3	Cape Kubugakli: Smith (1925), p. 206-207	Au
4	Sevenmile Beach: Martin (1913), p. 134	Au
5	Kodiak Island, west coast beach (Ayakulik River, Red River, Canvas Point): Maddren (1919), p. 311-319	Cr, Au, Pt

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

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

Number Name and principal reference Commodity 1/, 2/

TAYLOR MOUNTAINS QUADRANGLE
(cont.)

Placer deposits (cont.)

6 Taylor Creek: Cady and others (1955), p. 119 Au, Hg, Sn

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

Caribou Creek: Mertie (1938), p. 91 Au
 Keefer Creek: unpublished data Au
 King Salmon River: Mertie (1938), p. 91 Au
 Mulchatna River: Martin and Katz (1912), p. 133 Au
 Old Man Creek: unpublished data Au
 Pulchatnachakcharak River (McGeary Creek): Mertie (1938),
 p. 91 Au
 Tikchik Mountain: Mertie (1938), p. 91 Au

TRINITY ISLANDS QUADRANGLE

Placer deposits

1 Cape Alitak: Capps (1937), p. 172-173 Au

2 Kodiak Island, west coast beach: Maddren (1919), p. 311-
 319 Au

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

Tigidik (Tugidak) Beach: Smith (1933), p. 31 Au

TYONEK QUADRANGLE

Lode deposits

1 Shirley Lake: Freeman (1963), p. 29-30 FM

2 Skwentna River: Spurr (1899), p. 111-112 Cu, Au, Pb, Ag

3 Hayes Glacier: Berg and Cobb (1967), p. 37 Mo

1/ Symbols.- Cu, copper; FM, fissionable materials (other than monazite); Au, gold; Pb, lead; Hg, mercury; Mo, molybdenum; Ag, silver; Sn, tin.

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

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
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TYONEK QUADRANGLE
(cont.)

Placer deposits

4	Kahiltna River: Mertie (1919), p. 263; Bates and Wedow (1953), p. 8; Robinson, Wedow, and Lyons (1955), p. 22	FM, Au, Mz, Pt, Sn, W
5	Texas Creek: Tuck, Ralph (1933), field notes	Au
6	Lewis River: Brooks (1918), p. 46-47; Alaska Dept. Mines (1958), p. 63	Au

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

Beluga River: Brooks (1918), p. 45	Au
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YAKUTAT QUADRANGLE

Placer deposits

1	Logan Beach: Tarr and Butler (1909), p. 165-167	Au
2	Khantaak Beach: Tarr and Butler (1909), p. 165, 167	Au
3	Yakutat Beach: Thomas and Berryhill (1962), p. 1, 24, 26-30	Au, Fe, W
4-5	Black Sand Beach: Thomas and Berryhill (1962), p. 24, 26-28	Au, Fe
6	Black Sand Island: Blackwelder (1907), p. 86-87	Au
7	Akwe Beach: Thomas and Berryhill (1962), p. 30-31, 33	Fe
8-9	Dry Bay: Thomas and Berryhill (1962), p. 32-33, 35-36	Fe

1/ Symbols - FM, fissionable material (other than monazite); Au, gold; Fe, iron; Mz, monazite; Pt, platinum-group metals; Sn, tin; W, tungsten.

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

SOURCES OF DATA ON DISTRIBUTION OF IGNEOUS ROCKS

Afognak quadrangle: data inadequate.
Beaver quadrangle: Brosgé, W. P., written communication, Nov. 22, 1968.
Bering Glacier quadrangle: data inadequate.
Bettles quadrangle: Brosgé, W. P., written communication, Nov. 22, 1968.
Karluk quadrangle: Moore (1967).
Kenai quadrangle: data inadequate.
Middleton Island quadrangle: Plafker (1967).
Taylor Mountains quadrangle: Platt, J. N., unpub. compilation, 1958.
Trinity Islands quadrangle: Moore (1967)
Tyonek quadrangle: Barnes (1966), pl. 1; Capps (1935), pl. 1.
Yakutat quadrangle: data inadequate.

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