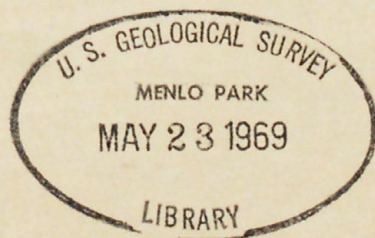


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[REPORTS - OPEN FILE SERIES]

METALLIC MINERAL RESOURCES MAPS
OF ELEVEN ALASKA QUADRANGLES.



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METALLIC MINERAL RESOURCES MAPS OF ELEVEN ALASKA QUADRANGLES

Afognak	Karluk	Taylor Mountains
Beaver	Kenai	Trinity Islands
Bering Glacier	Middleton Island	Tyonek
Bettles		Yakutat

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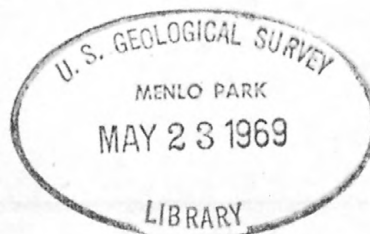
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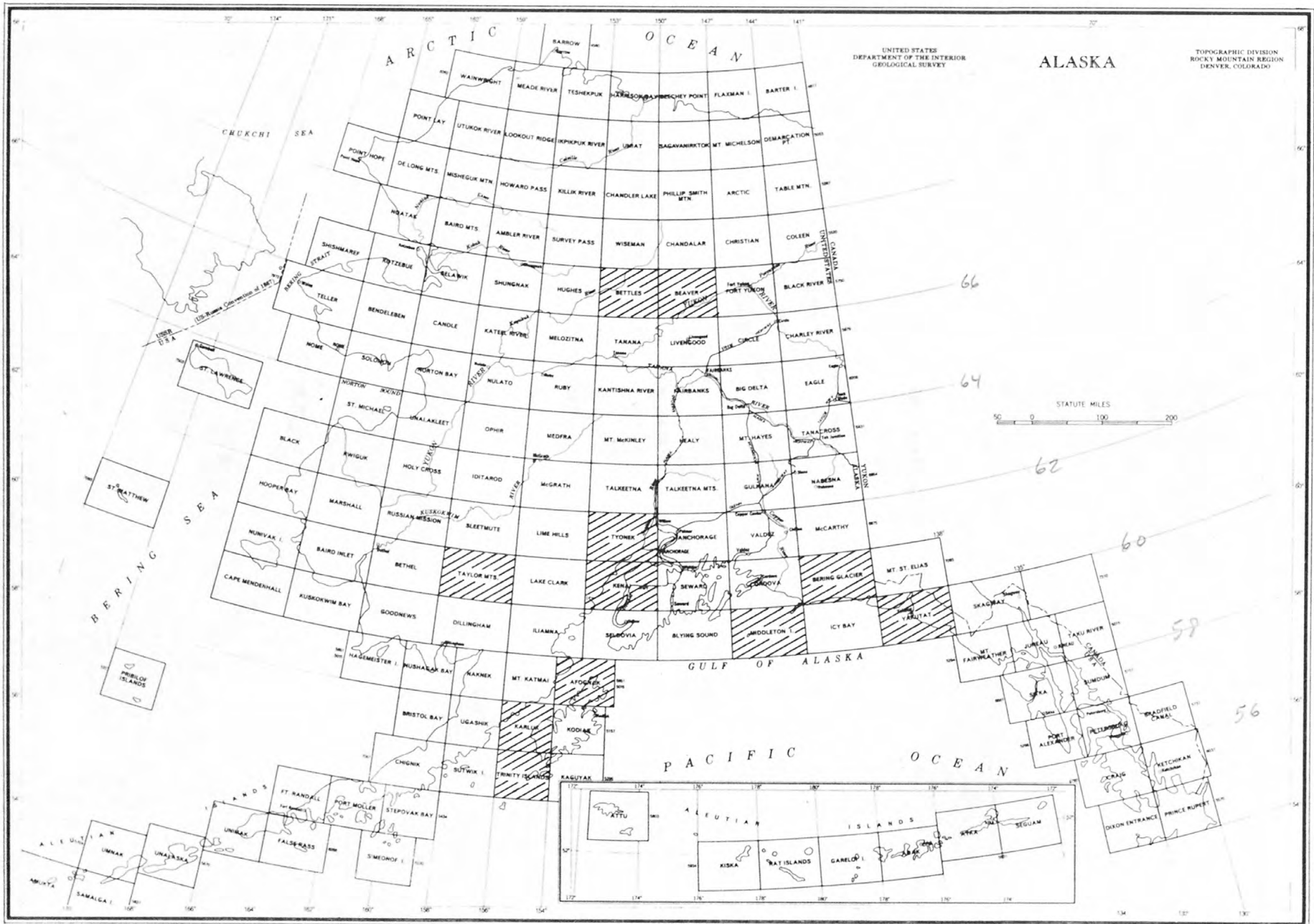
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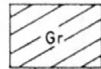


INDEX MAP

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EXPLANATION



Granitic rocks



Mafic and ultramafic rocks



1

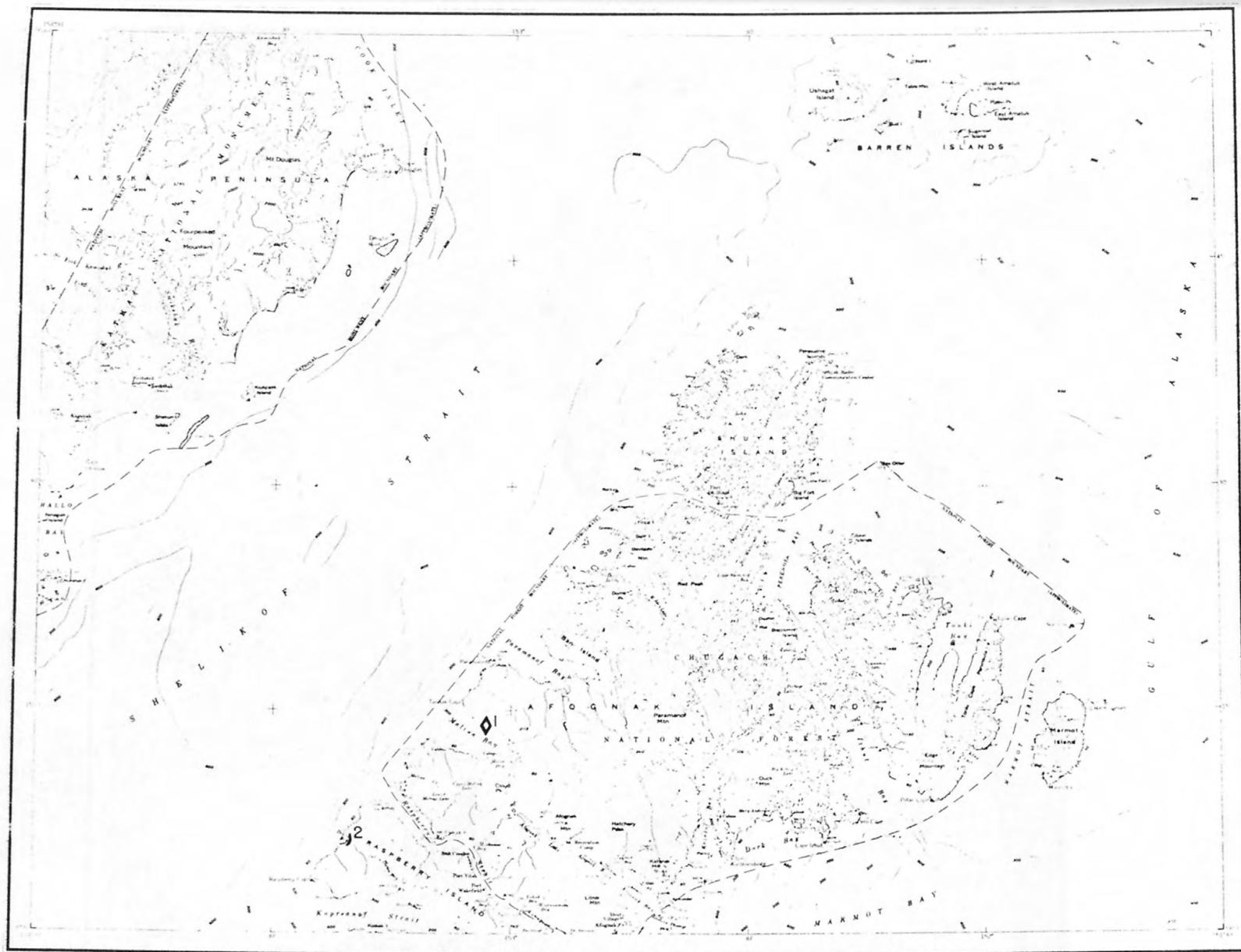
Lode deposit

X 4

2

Placer deposit

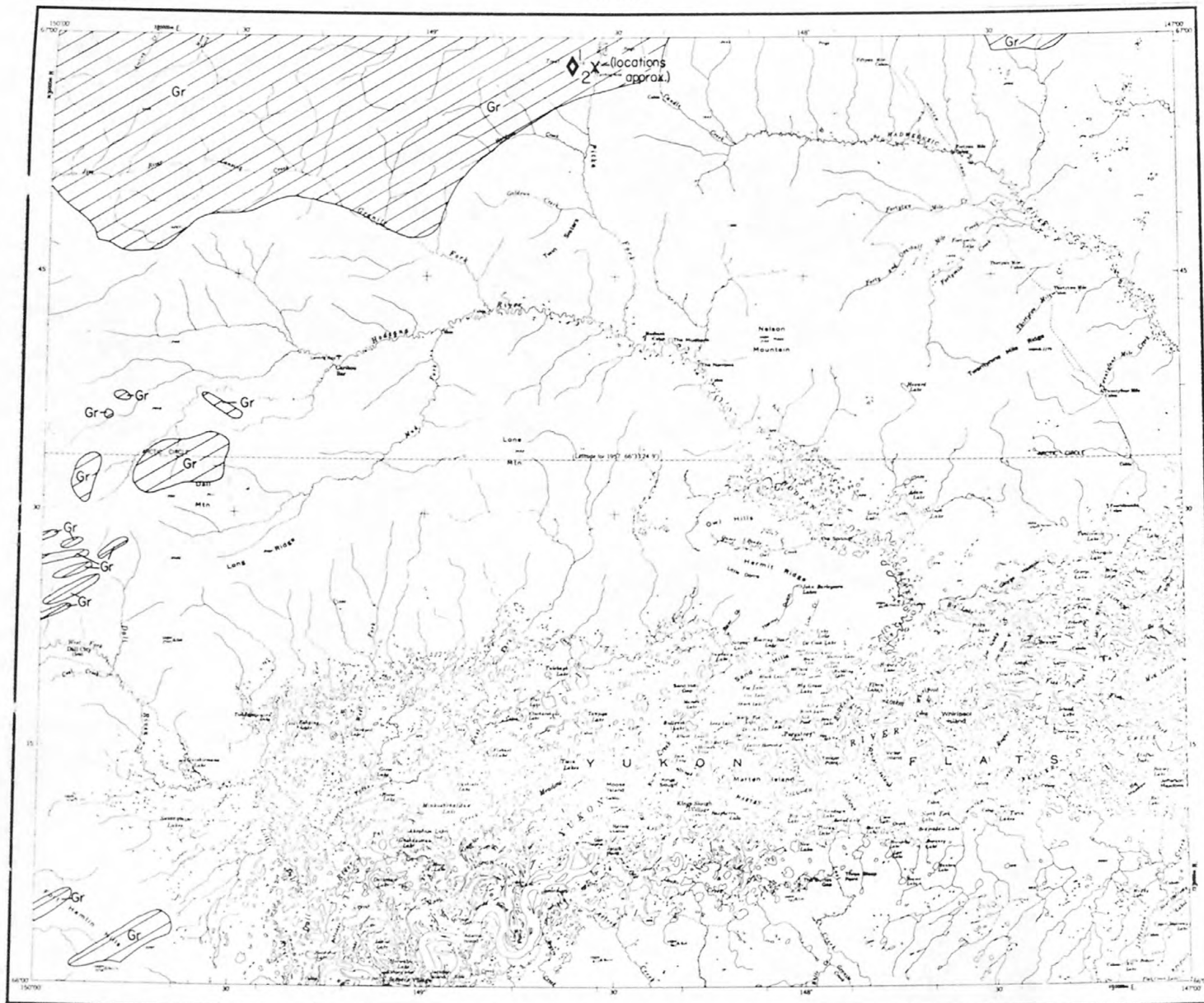
} numbers refer to accompanying lists.



METALLIC MINERAL RESOURCES MAP OF THE AFOGNAK QUADRANGLE, ALASKA

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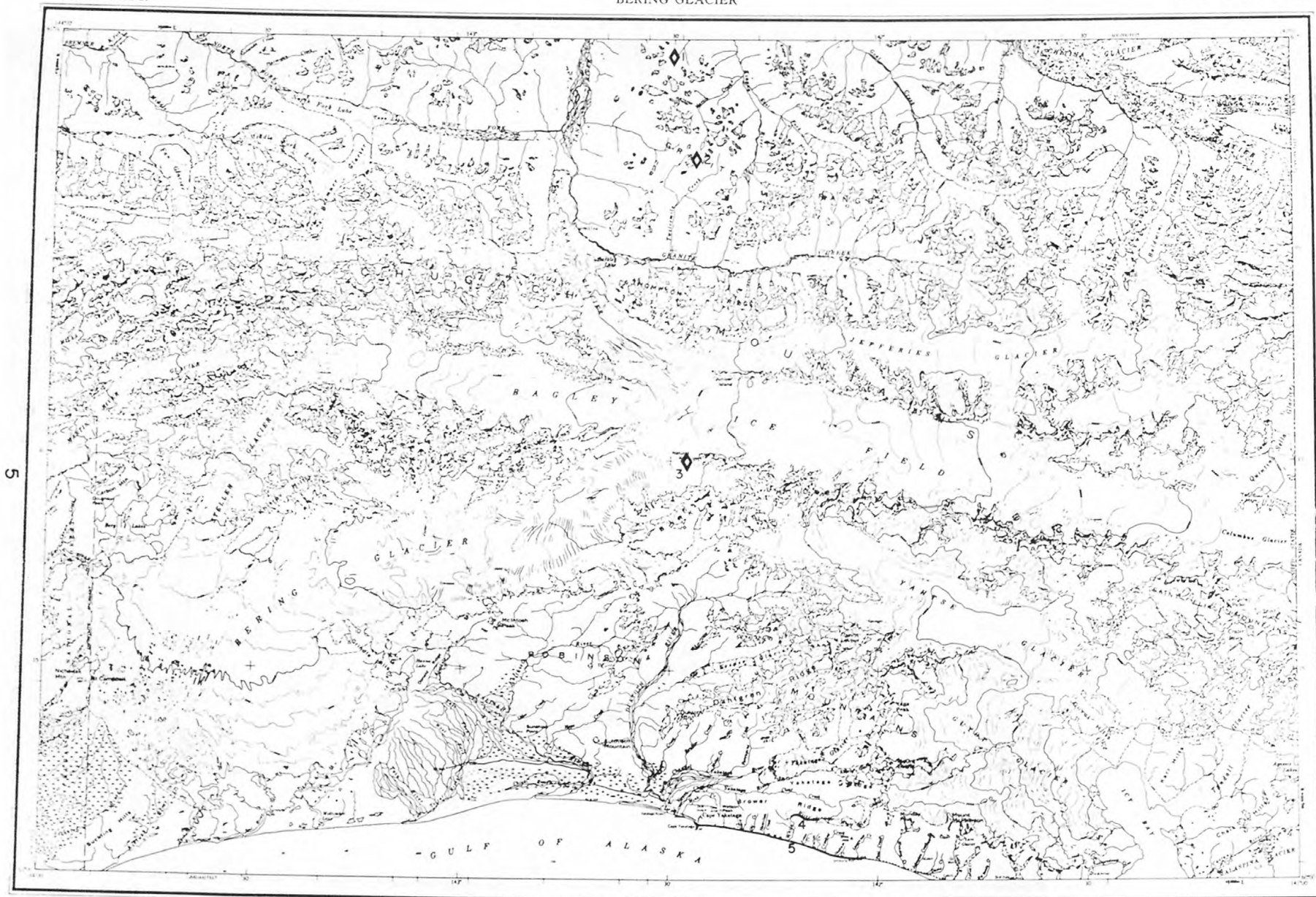
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METALLIC MINERAL RESOURCES MAP OF THE BEAVER QUADRANGLE, ALASKA

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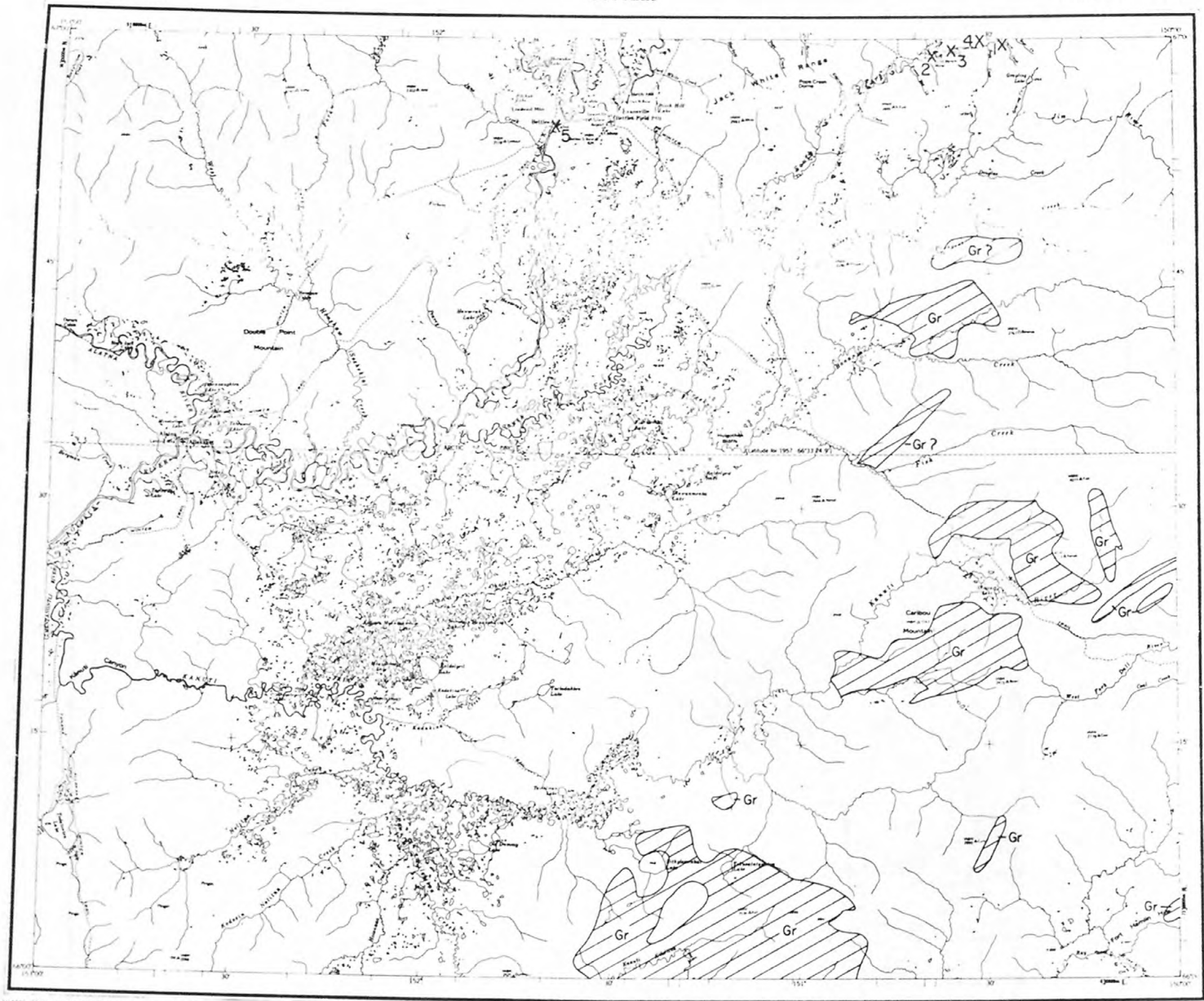


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METALLIC MINERAL RESOURCES MAP OF THE BERING GLACIER QUADRANGLE, ALASKA

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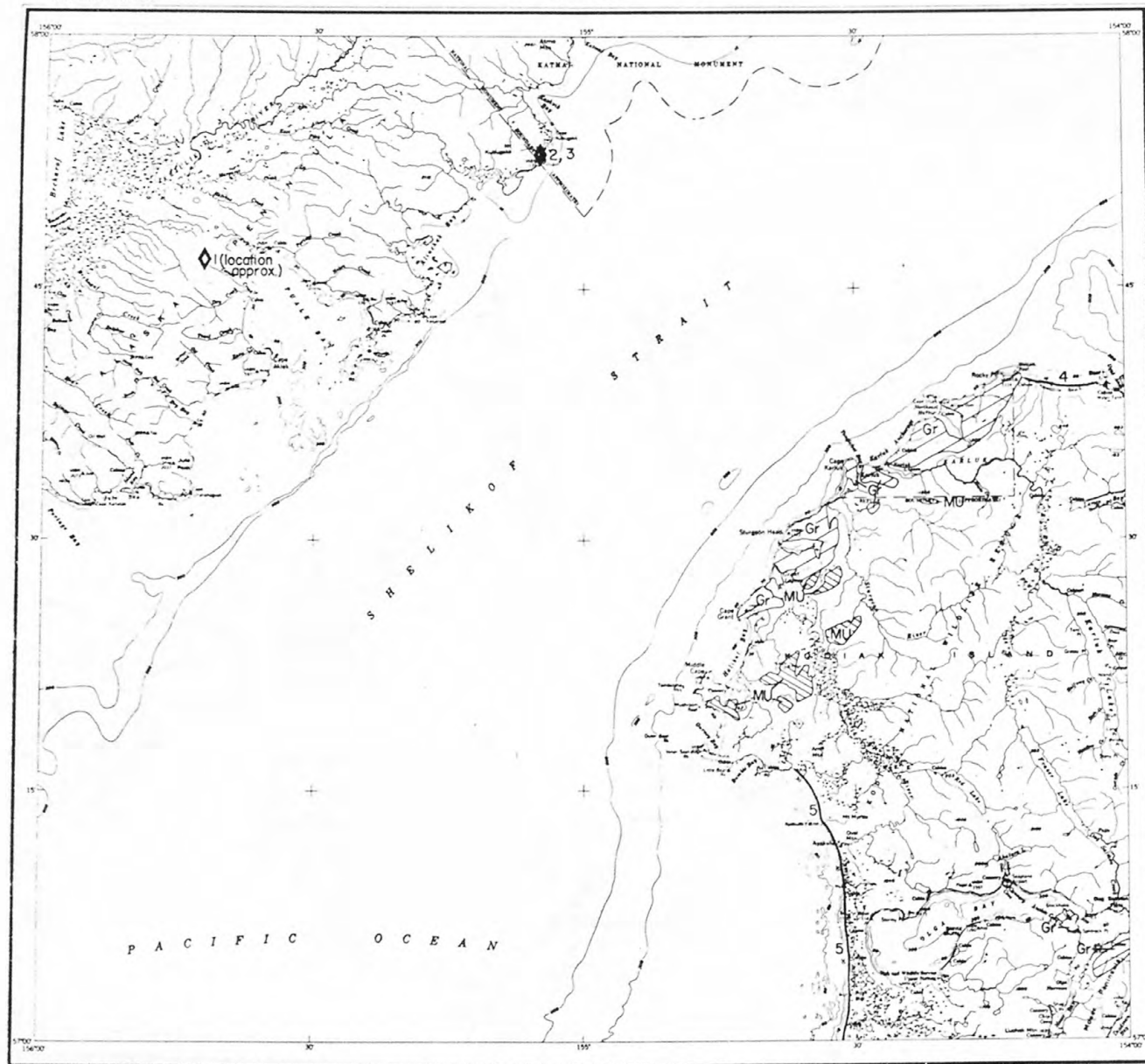
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METALLIC MINERAL RESOURCES MAP OF THE BETTLES QUADRANGLE, ALASKA
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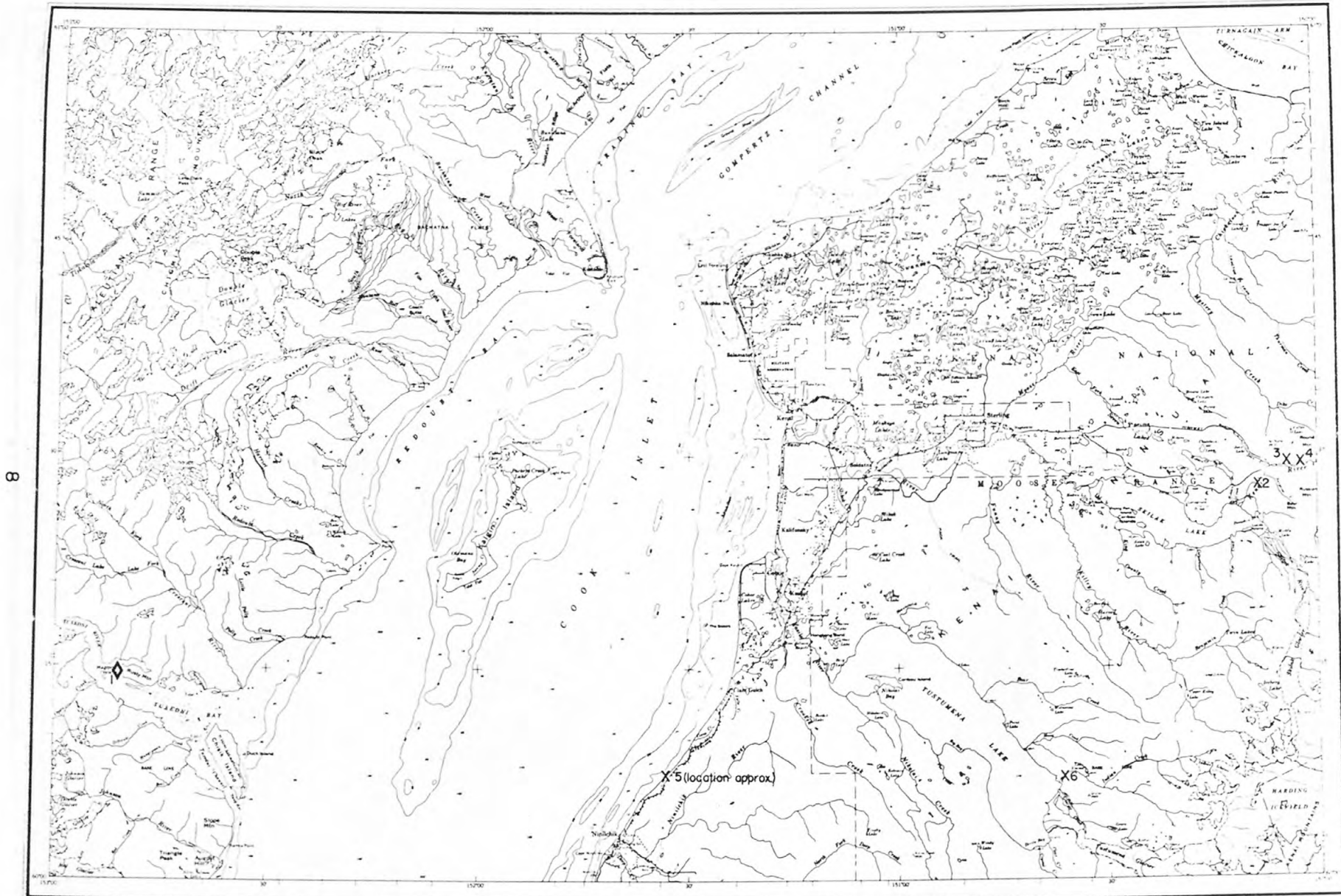
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METALLIC MINERAL RESOURCES MAP OF THE KARLUK QUADRANGLE, ALASKA

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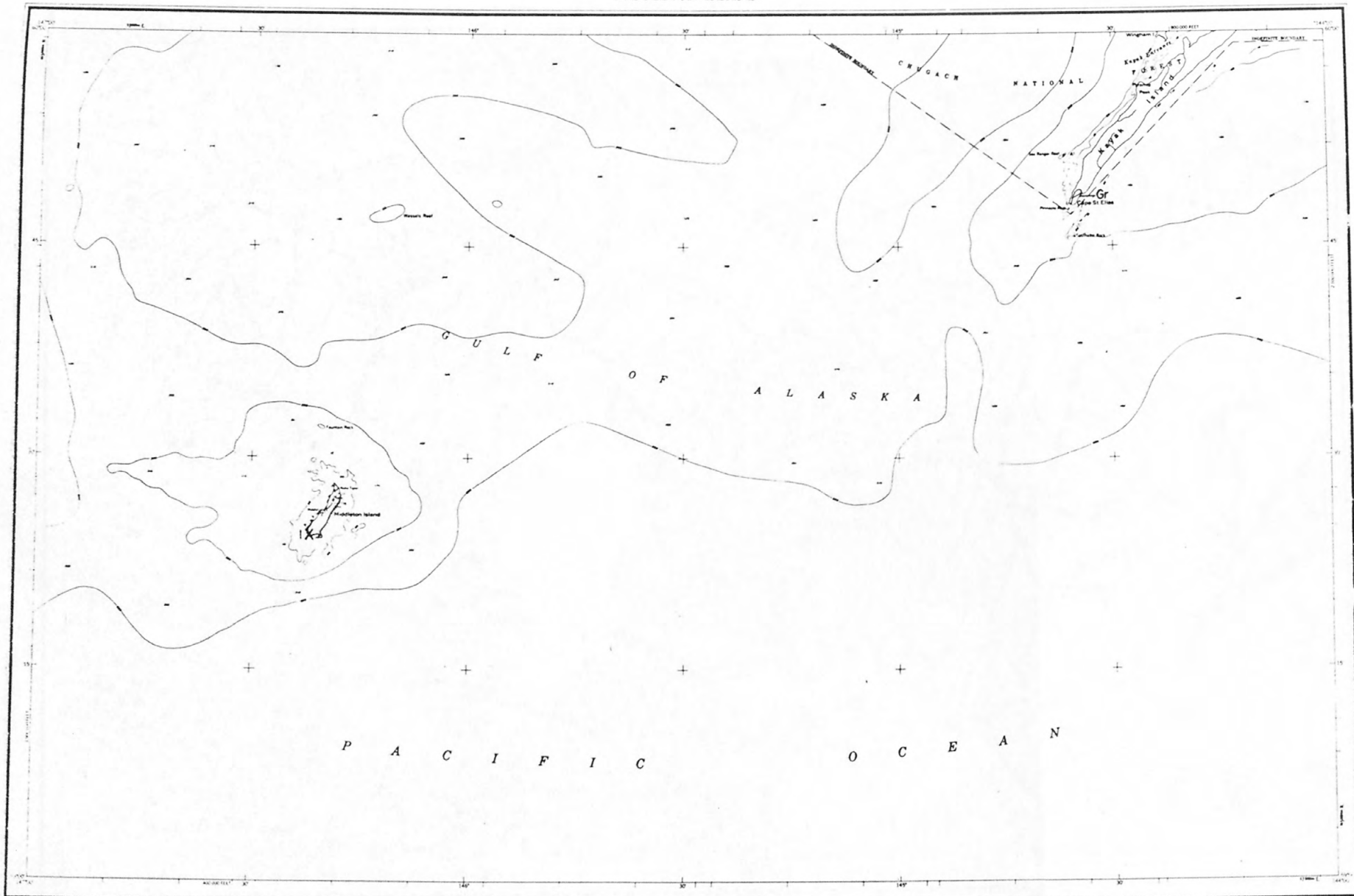


METALLIC MINERAL RESOURCES MAP OF THE KENAI QUADRANGLE, ALASKA

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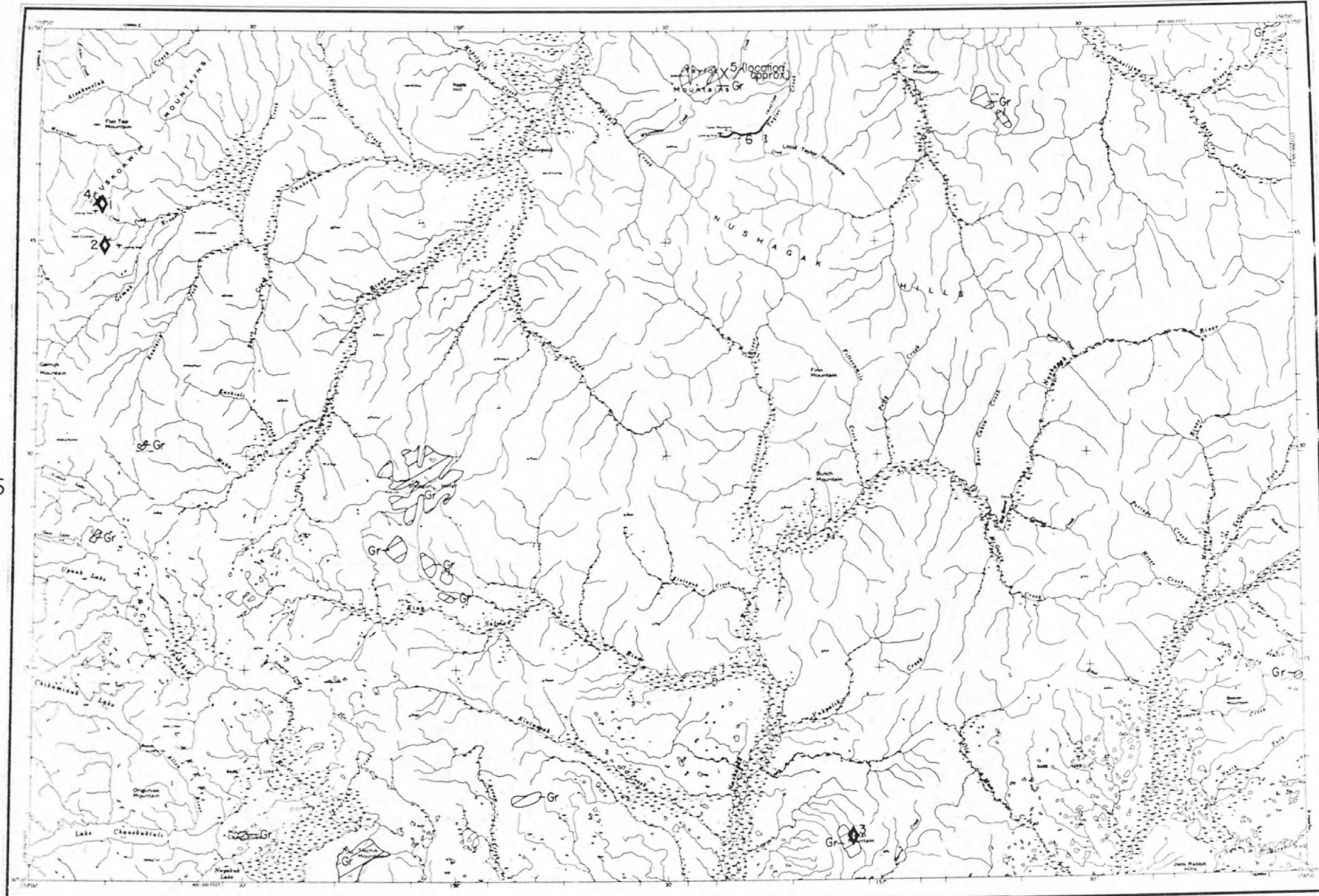


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METALLIC MINERAL RESOURCES MAP OF THE MIDDLETON ISLAND QUADRANGLE, ALASKA
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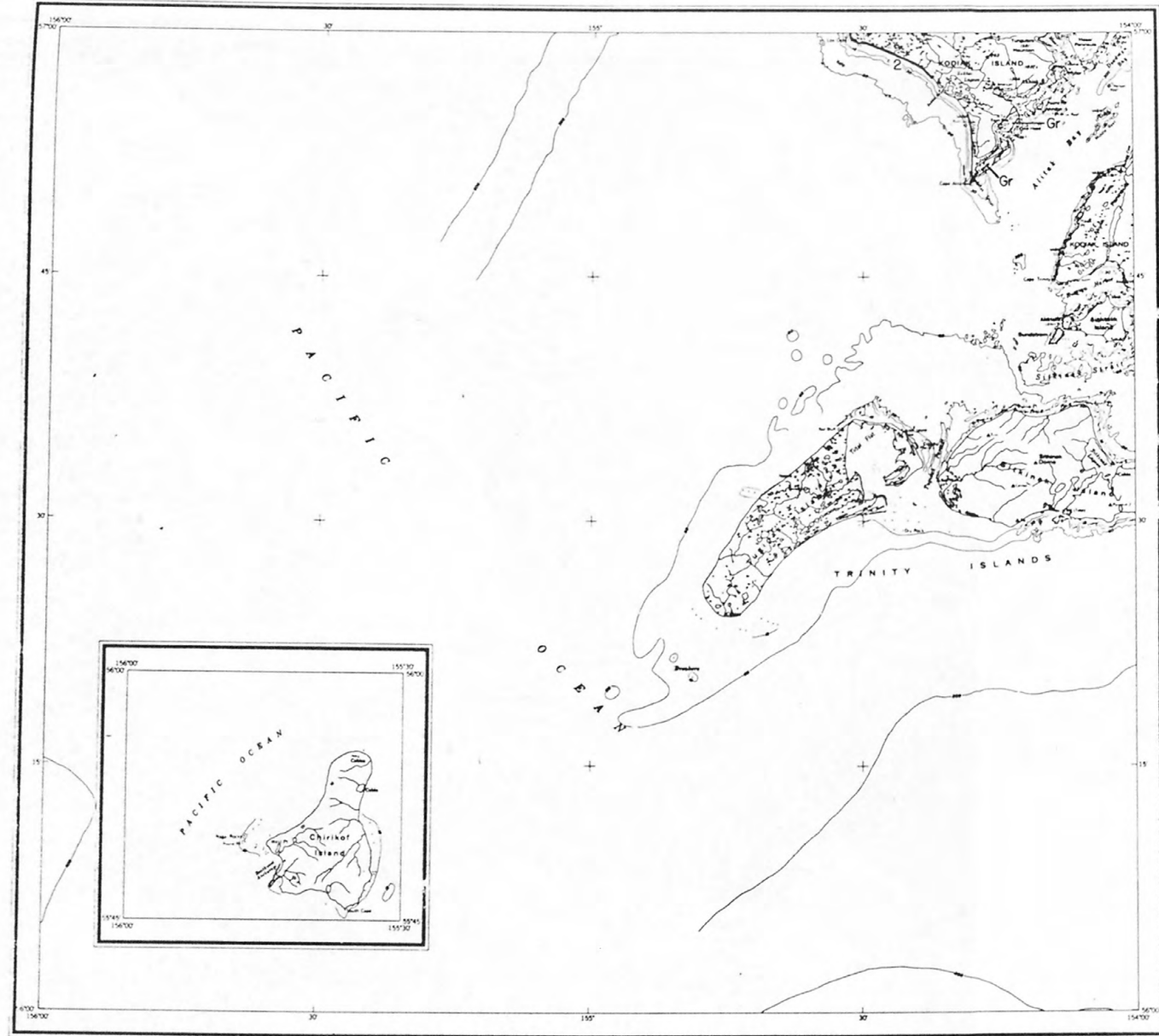


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METALLIC MINERAL RESOURCES MAP OF THE TAYLOR MOUNTAINS QUADRANGLE, ALASKA
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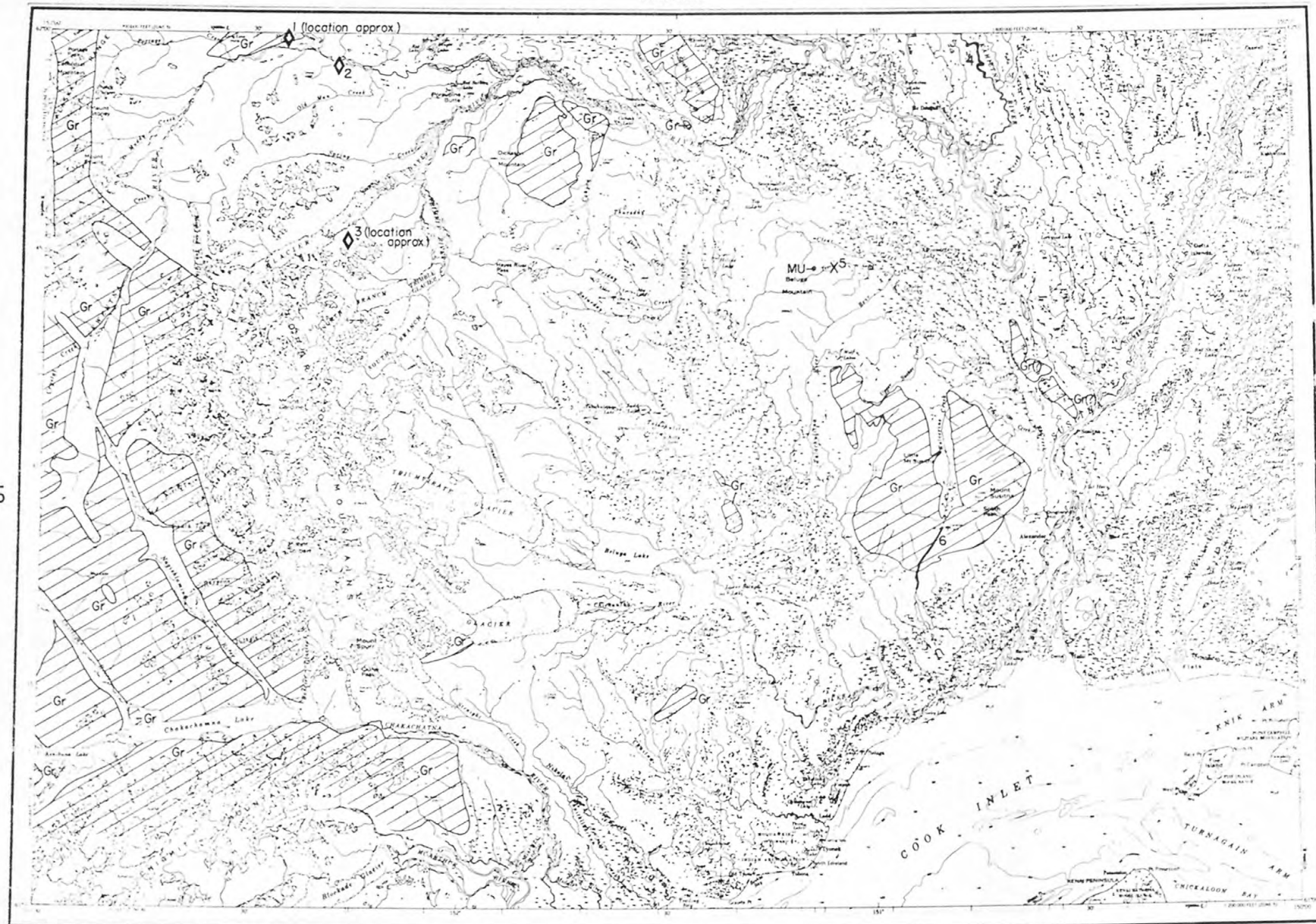
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METALLIC MINERAL RESOURCES MAP OF THE TRINITY ISLANDS QUADRANGLE, ALASKA

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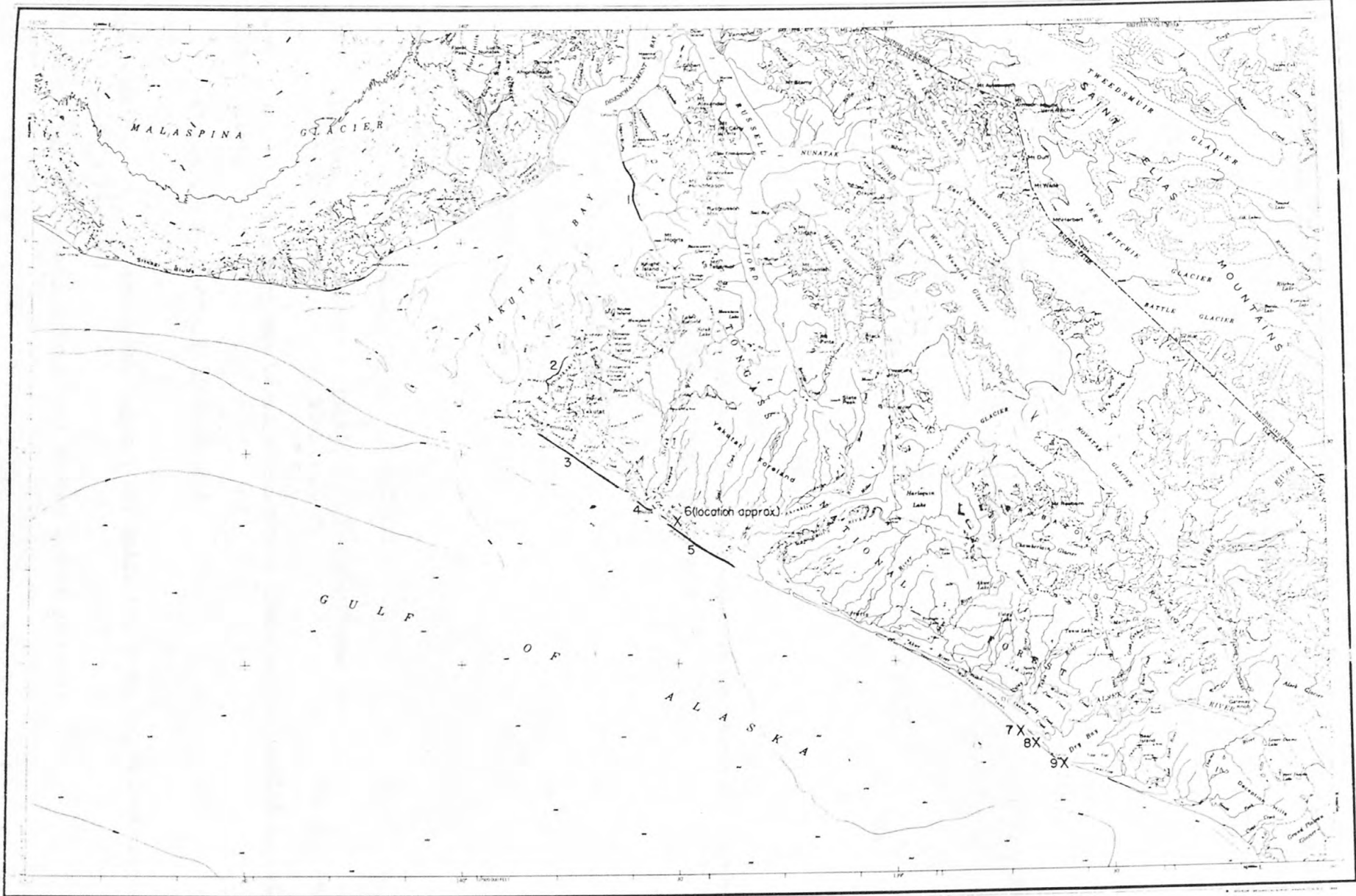
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METALLIC MINERAL RESOURCES MAP OF THE TYONEK QUADRANGLE, ALASKA
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METALLIC MINERAL RESOURCES MAP OF THE YAKUTAT QUADRANGLE, ALASKA
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Number Name and principal reference(s) Commodity 1/, 2/

AFOGNAK QUADRANGLE

Lode deposit

1 Malina Bay: Capps (1937), p. 176 Au, Ag

Placer deposit

2 Raspberry Beach (Driver Bay): Capps (1937), p. 172 Au

BEAVER QUADRANGLE

Lode deposit

1 Trout Creek: Smith (1942), p. 197; Berg and Cobb (1967),
 p. 240 Mo, Zn

Placer deposit

2 Trout Creek: Berg and Cobb (1967), p. 240 Au

BERING GLACIER QUADRANGLE

Lode deposits

1 Bearhole Creek: Brabb and Miller (1962) Cu

2 Unnamed occurrence: Brabb and Miller (1962) Au

3 Natural Arch: Brabb and Miller (1962) Cu

Placer deposits

4 White River: Maddren (1914), p. 138-141 Au

5 Yakataga Beach: Maddren (1914), p. 134-138; Thomas and
 Berryhill (1962), p. 7, 16-17, 19-20 Cr, Cu, Au, Fe

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

 Kiagna River: Moffit (1916), p. 135 Au

1/ Symbols - Cr, chromite; Cu, copper; Au, gold; Fe, iron; Mo, molybdenum; Ag, silver; Zn, zinc.

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

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(s) Commodity 1/, 2/, 3/

KENAI QUADRANGLE

Lode deposit

1 Tuxedni Bay: Grantz (1956), p. 96-106 Fe

Placer deposits

2 Kenai River: Martin, Johnson, and Grant (1915), p. 181-182,
197 Au

3 Unnamed occurrence: Jasper (1967), p. 42 W

4 Unnamed occurrence: Jasper (1967), p. 43 W

5 Ninilchik: Martin, Johnson, and Grant (1915), p. 111 Au

6 Indian Creek: Martin, Johnson, and Grant, (1915), p. 111 Au

MIDDLETON ISLAND QUADRANGLE

Placer deposit

1 Middleton Island: Brooks (1913), p. 43 Au

TAYLOR MOUNTAINS QUADRANGLE

Lode deposits

1 Broken Shovel: Cady and others (1955), p. 115 Sb, Hg
Cinnabar Creek: Sainsbury and MacKevett (1965), p. 38-40 Sb, Hg
Schaeffer: Sainsbury and MacKevett (1965), p. 40-41 Sb, Hg

2 Lucky Day: Cady and others (1955), p. 113-115; Sainsbury
and MacKevett (1965), p. 41-42 Sb, Hg
Redskin: Cady and others (1955), p. 115 Hg

3 Sleitat Mountain: Mertie (1938), p. 91 Au

Placer deposits

4 Cinnabar Creek: Sainsbury and MacKevett (1965), p. 42-43 Hg

5 Stevens Creek: Cady and others (1955), p. 121 W

1/ Symbols - Sb, antimony; Au, gold; Fe, iron; Hg, mercury; W, tungsten.

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

3/ Symbol underlined indicates recorded lode production.

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.



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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