

Folio of the Ketchikan and Prince Rupert Quadrangles, Alaska
Elliott and others -- Mineral Deposits

CORRELATION OF MAP UNITS

[Geologic map generalized from Berg and others (1978)]

Qu	} Quaternary	QUATERNARY
QTV		QUATERNARY AND TERTIARY
Temp	} Miocene	TERTIARY
TeP		
TKp	} Lower Cretaceous	TERTIARY OR CRETACEOUS
KUp		
Kds	} Upper Jurassic	CRETACEOUS OR JURASSIC
Kdv		
JhT	} Upper Triassic	JURASSIC OR TRIASSIC
Jhvs		
MsPp	} Middle and Upper Paleocene	TRIASIC MESOZOIC OR PALEOZOIC
MsPcu		
Pzs	} Silurian	PALEOZOIC OR OLDER
Pzv		
PzP	} Older	
Pzsv		

DESCRIPTION OF MAP UNITS

Qu	UNCONSOLIDATED DEPOSITS, UNDIVIDED (Quaternary)
QTV	VOLCANIC ROCKS (Quaternary and Tertiary)
Temp	UNDIVIDED MIOCENE PLUTONIC ROCKS
TeP	UNDIVIDED EOCENE PLUTONIC ROCKS
TKp	UNDIVIDED TERTIARY OR CRETACEOUS PLUTONIC ROCKS
KUp	GRAVINA ISLAND FORMATION AND UNNAMED CORRELATIVE ROCKS (Lower Cretaceous or Upper Jurassic)
Kds	Ultrabasic and other plutonic rocks
Kdv	Metasedimentary rocks
JhT	Metavolcanic rocks
Jhvs	TEXAS CREEK GRANODIORITE (Jurassic or Triassic)
Jhvs	METAMORPHOSED VOLCANIC AND SEDIMENTARY ROCKS (Jurassic or Triassic)
Jhvs	METAMORPHOSED SEDIMENTARY AND VOLCANIC ROCKS (Upper Triassic)
MsPp	PARAGNEISS AND AMPHIBOLITE (Mesozoic or Paleozoic)
MsPcu	METAMORPHIC ROCKS, UNDIVIDED (Mesozoic or Paleozoic)
Pzs	METAMORPHOSED SEDIMENTARY AND MINOR VOLCANIC ROCKS (Middle and upper Paleozoic)
Pzv	FELSIC METAVOLCANIC ROCKS (Paleozoic or older)
PzP	PLUTONIC ROCKS, CHIEFLY TRONDHJEMITE (Silurian or older)
Pzsv	METAMORPHOSED SEDIMENTARY AND VOLCANIC ROCKS (Silurian or older)

SYMBOLS

- Contact. Approximately located; dotted where concealed
- - - High-angle fault. Dashed where inferred; dotted where concealed
- - - Thrust fault. Dashed where concealed, inferred, or assumed. Sawtooth on upper plate

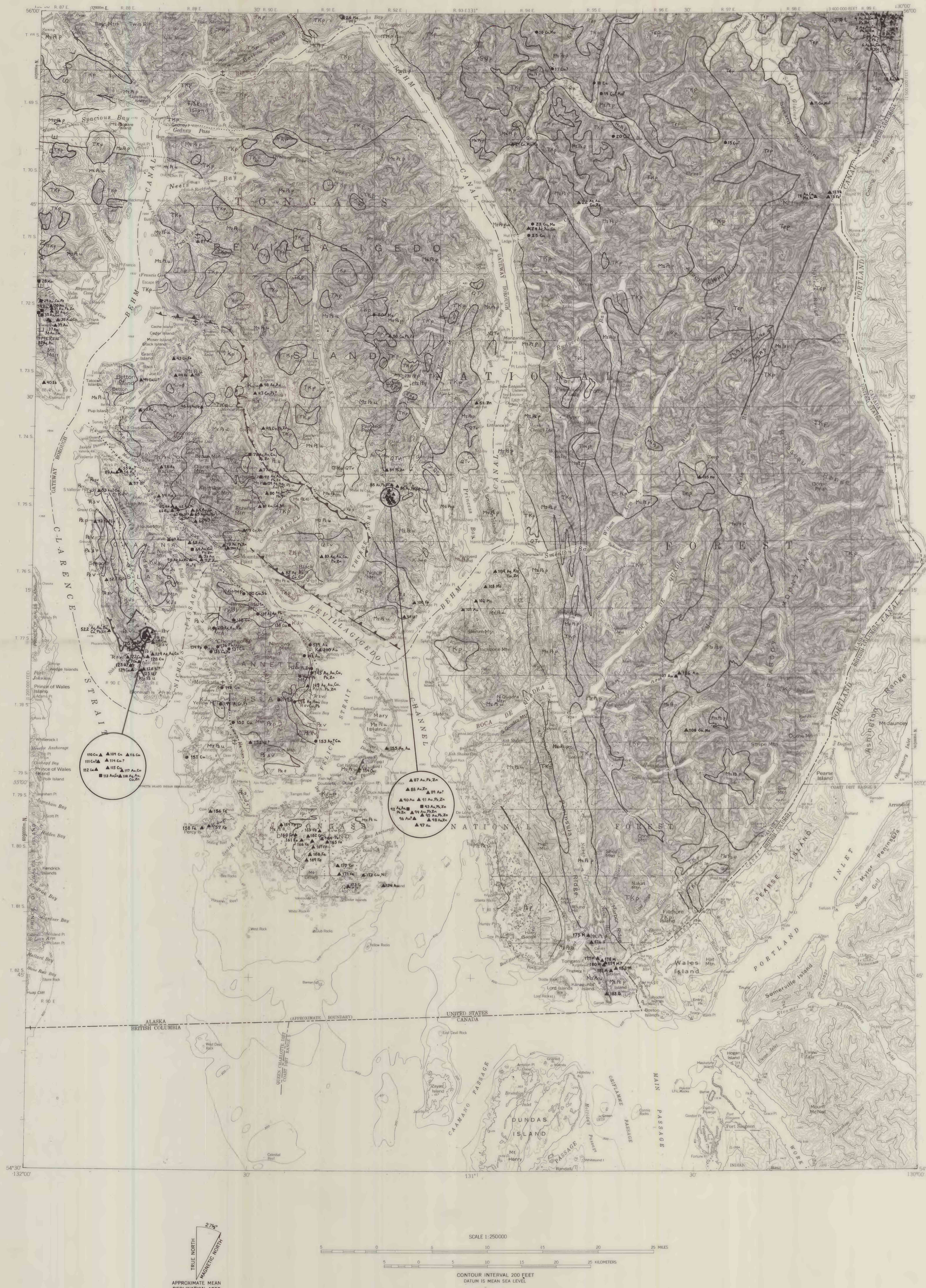
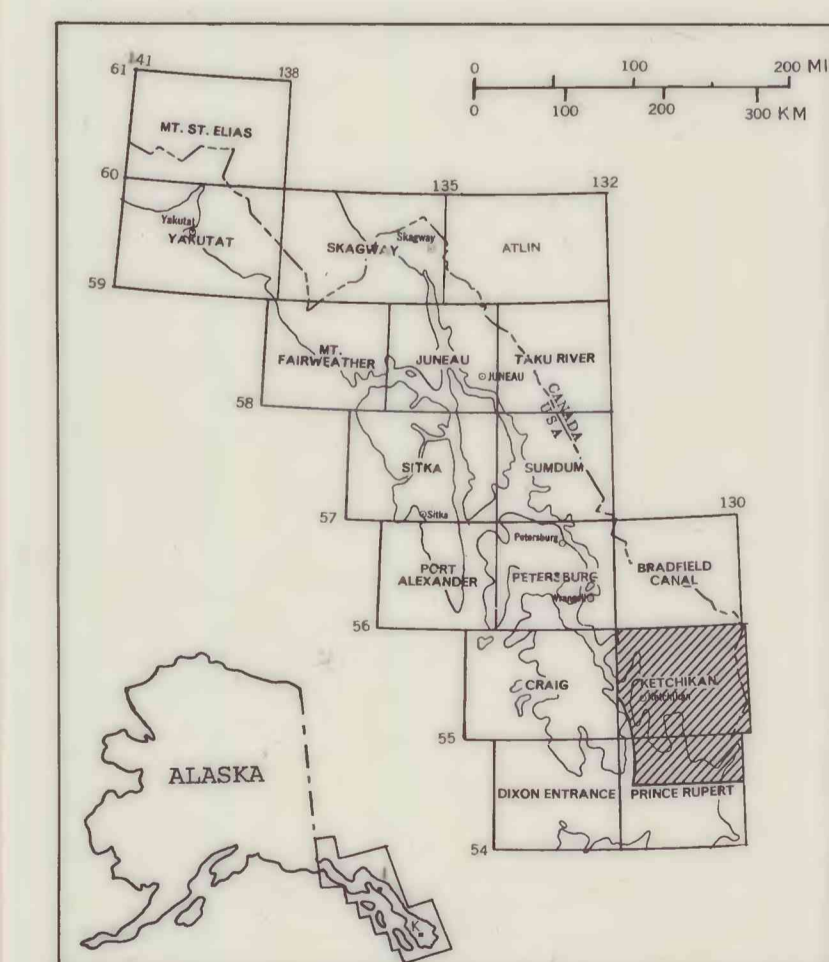
EXPLANATORY NOTE

This map and accompanying table (in pamphlet) provide information on the known metalliferous and selected nonmetalliferous mineral deposits of the Ketchikan and Prince Rupert quadrangles in southeastern Alaska. The term "mineral deposits" is used in the broad sense to include deposits at mines and prospects, or occurrences of possible economic significance, which may be unclaimed. Unvaluated or unworked occurrences of apparently anomalous metals in rock geochemical samples (Koch and Elliott, 1978a, b) are excluded. Many occurrences or prospects are known only from U.S. Bureau of Mines claim maps (1974, 1977); information on these deposits generally is limited to reported commodities and category of deposit. At three such localities (7, 9, 45) only the category of deposit is known. Only a few nonmetallic commodities, including asbestos, barite, feldspar, garnet, and mica are known in the study area and are described in this report. Nonmetallic commodities such as construction materials and decorative stone may also occur but are not described. Geothermal resources are also excluded from this report. Fossil fuel resources are not known in the study area.

Numbers adjacent to the symbols on the map correspond to map numbers in the descriptive table that accompanies this report.

SYMBOLS

- Minor or unvaluated occurrence of mineral commodity(ies)
- ▲ Prospect. Reported or assumed development or assessment work. Claims may or may not be active.
- Mine. Has produced, but not necessarily shipped, ore. Claims may or may not be active.
- Reported commodity(ies). Listed in alphabetical order without implying abundance or commercial value. Quoted where presence of commodity is inferred from indirect evidence or based on unverified reports.
- ⌋ Metalliferous commodities are abbreviated using their standard chemical symbols; nonmetalliferous commodities are abbreviated as follows: A, asbestos; B, barite; F, feldspar; G, garnet; M, mica



MAP AND TABLE DESCRIBING METALLIFEROUS AND SELECTED NONMETALLIFEROUS MINERAL DEPOSITS,
KETCHIKAN AND PRINCE RUPERT QUADRANGLES, ALASKA

by

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