DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

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CORRELATION OF MAP UNITS

Geologic map revised and generalized from Berg and others, (1974)

	Qu	QUATERNARY
	QTv	QUATERNARY OR TERTIARY
Miocene	Tmv	TERTIARY
Eocene	Tev	
	Tpz	TERTIARY TO JURASSIC
	Kv	CRETACEOUS
Lower Cretaceous or Upper Jurassic	Kmv – Kdv / Kvm – Kdv	CRETACEOUS OR JURASSIC
	Jd	JURASSIC
	JTr – JTrv	JURASSIC OR TRIASSIC
Middle or Upper Triassic	Trv – Tr	TRIASSIC
	MzPzd – MzPzv	MESOZOIC OR PALEOZOIC
Upper Silurian to Permian	Pzs	PALEOZOIC
Silurian	Pzg	
Silurian or older	Pzv	

DESCRIPTION OF MAP UNITS

Qu	UNCONSOLIDATED DEPOSITS (Quaternary)
QTv	VOLCANIC ROCKS (Quaternary and Tertiary)
Tmi	MIOCENE PLUTONIC ROCKS
Tep	EOCENE PLUTONIC ROCKS
Tdp	TERTIARY TO JURASSIC PLUTONIC ROCKS
Kp	CRETACEOUS PLUTONIC ROCKS
Kmp	ULTRAMAFIC PLUTONIC ROCKS (Cretaceous or Jurassic)
Kdp	INTERMEDIATE PLUTONIC ROCKS (Cretaceous or Jurassic)
Kgr	GRAVINA ISLAND FORMATION (Lower Cretaceous and Upper Jurassic)
Kmv	Metavolcanic rocks
Kvd	Metasedimentary rocks
Jdi	INTERMEDIATE PLUTONIC ROCKS (Jurassic)
JTk	TEXAS CREEK GRANODIORITE (Jurassic or Triassic)
TRv	METAMORPHOSED VOLCANIC AND SEDIMENTARY ROCKS (Jurassic or Triassic)
Trv	METAMORPHOSED SEDIMENTARY AND VOLCANIC ROCKS (Middle or Upper Triassic)
Tr	FELSIC METAVOLCANIC ROCKS (Middle or Upper Triassic)
MzPz	UNDIVIDED METAMORPHIC ROCKS (Mesozoic or Paleozoic)
MzPzd	PARAGNEISS AND AMPHIBOLITE (Mesozoic or Paleozoic)
Pzs	METAMORPHOSED STRATIFIED ROCKS (Upper Silurian to Permian)
Pzg	PLUTONIC ROCKS, CHIEFLY TRONDHJEMITE (Silurian)
Pzv	UNDIVIDED METAMORPHIC ROCKS (Silurian or older)

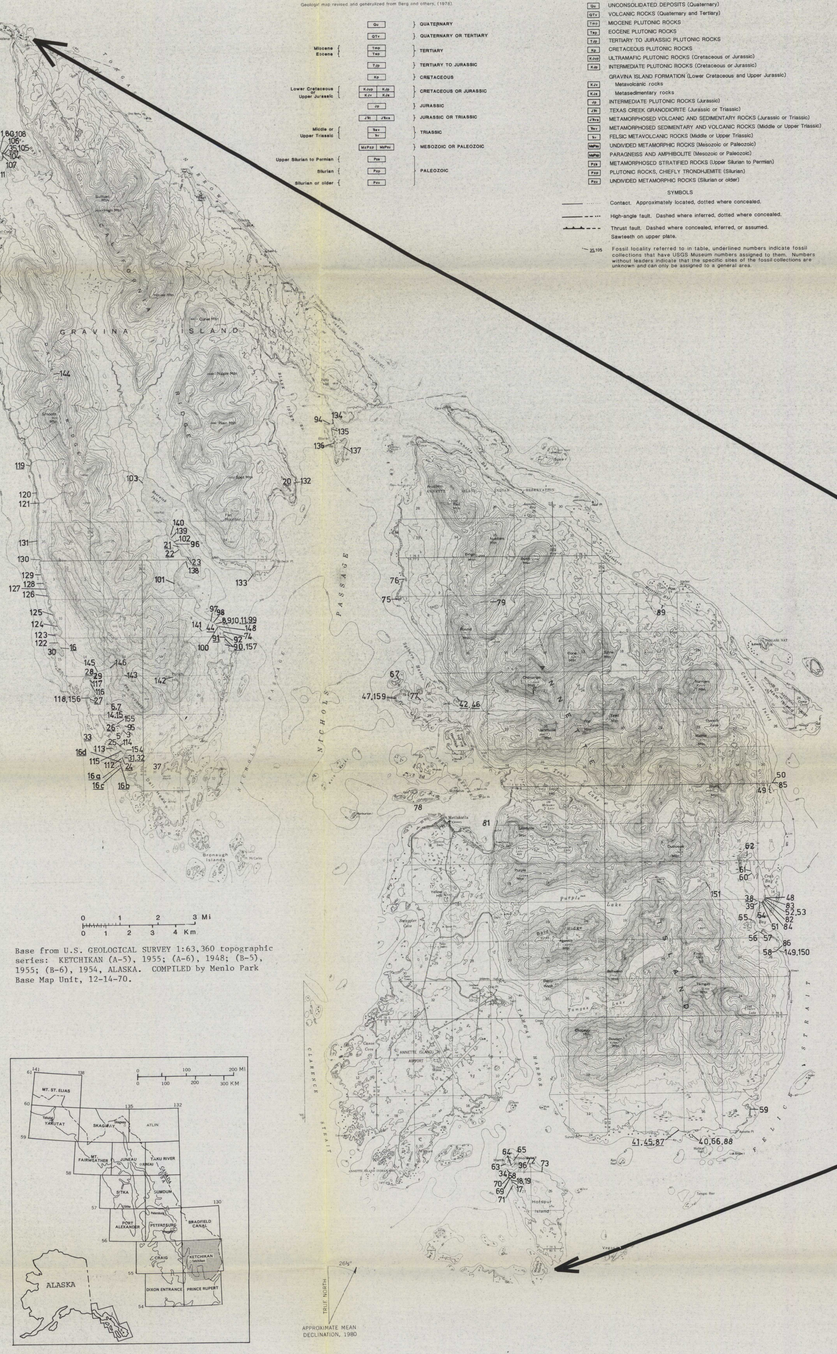
SYMBOLS

Contact. Approximately located, dotted where concealed.

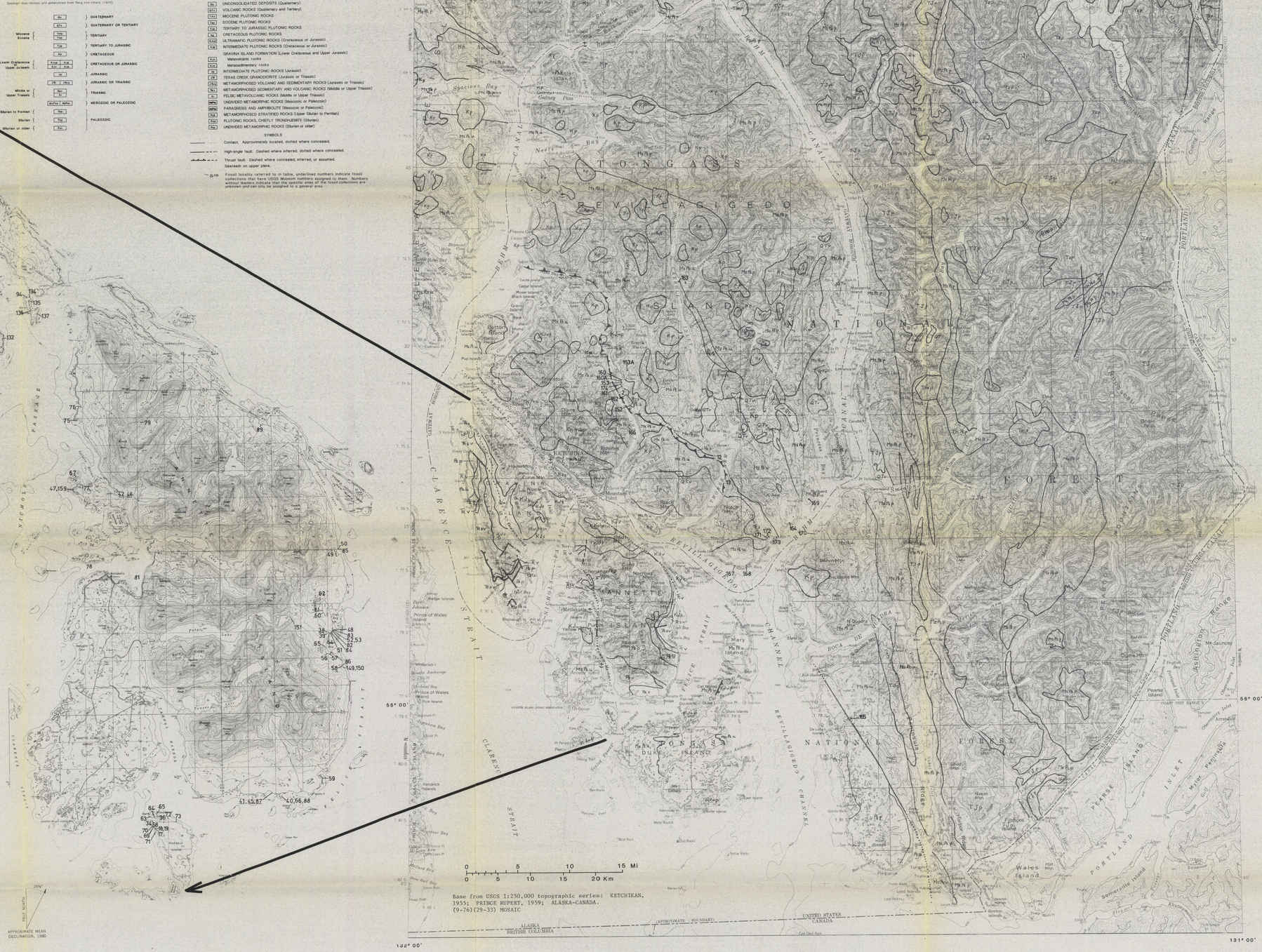
High-angle fault. Dashed where inferred, dotted where concealed.

Thrust fault. Dashed where concealed, inferred, or assumed. Sawteeth on upper plate.

Fossil locality referred to in table, underlined numbers indicate fossil collections that have USGS Museum numbers assigned to them. Numbers without leaders indicate that the specific sites of the fossil collections are unknown and can only be assigned to a general area.



Base from U.S. GEOLOGICAL SURVEY 1:63,360 topographic series: KETCHIKAN (A-5), 1955; (A-6), 1948; (B-5), 1955; (B-6), 1954, ALASKA. COMPILED by Menlo Park Base Map Unit, 12-14-70.



Base from USGS 1:250,000 topographic series: KETCHIKAN, 1955; PRINCE RUPERT, 1959; ALASKA-CANADA. (9-76)(29-33) MOSAIC

MAP SHOWING LOCATIONS OF FOSSIL COLLECTIONS AND RELATED SAMPLES IN THE KETCHIKAN AND PRINCE RUPERT QUADRANGLES, SOUTHEASTERN ALASKA

by

Henry C. Berg and Edwin L. Cruz

1982

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards.