DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT
81-27-M

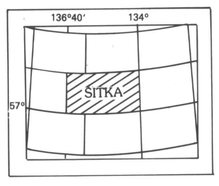
CORRELATION OF MAP UNITS

Qal		QUATERNARY
Tf	Tm	TERTIARY(?)
Kd		CRETACEOUS(?)
Ks		CRETACEOUS
Kkb		
KJf	KJm	CRETACEOUS AND JURASSIC
Trw		TRIASSIC(?)
Trg		
MzPzu		MESOZOIC AND PALEOZOIC(?)

LIST OF MAP UNITS

Qal	ALLUVIAL DEPOSITS--Undivided
Tf	FELSIC PLUTONIC ROCKS--Dominantly tonalitic
Tm	MAFIC PLUTONIC ROCKS--Dominantly gabbroic
Kd	DIORITE SILL--Extensively altered
Ks	SITKA GRAYWACKE
Kkb	KELP BAY GROUP--Metasediments and metavolcanics
KJf	FELSIC PLUTONIC ROCKS--Dominantly granodiorite
KJm	MAFIC PLUTONIC ROCKS--Dominantly quartz diorite, diorite, and gabbro
Trw	WHITESTRIPE MARBLE
Trg	GOON DIP GREENSTONE
MzPzu	UNDIVIDED METASEDIMENTARY--Metavolcanic and metaplutonic rocks

QUADRANGLE LOCATION



INDEX SHOWING LOCATION OF STUDY AREA

Base from U.S. Geological Survey 1:250,000, 1951
Sitka; Mt. Fairweather

Geology simplified by B.R. Johnson and S.M. Karl, 1981

SCALE 1:125 000

2 0 2 4 6 8 MILES

2 0 2 4 6 8 KILOMETERS

MAP SHOWING STREAM-SEDIMENT SAMPLES IN THE WEST CHICAGOF-YAKOBI WILDERNESS STUDY AREA, SITKA QUADRANGLE, SOUTHEASTERN ALASKA

By
T.D. Hessin, W.K. Everman, and G.L. Crenshaw
1981

Studies Related to Wilderness

The Wilderness Act (Public Law 88-577, Sept. 3, 1964) and related Acts require the U.S. Geological Survey to survey certain areas on Federal lands to determine their mineral resource potential. Results must be made available to the public and be submitted to the President and the Congress. This report presents the results of a geochemical survey of the West Chicagof-Yakobi Wilderness Study Area, Sitka quadrangle, southeastern Alaska.