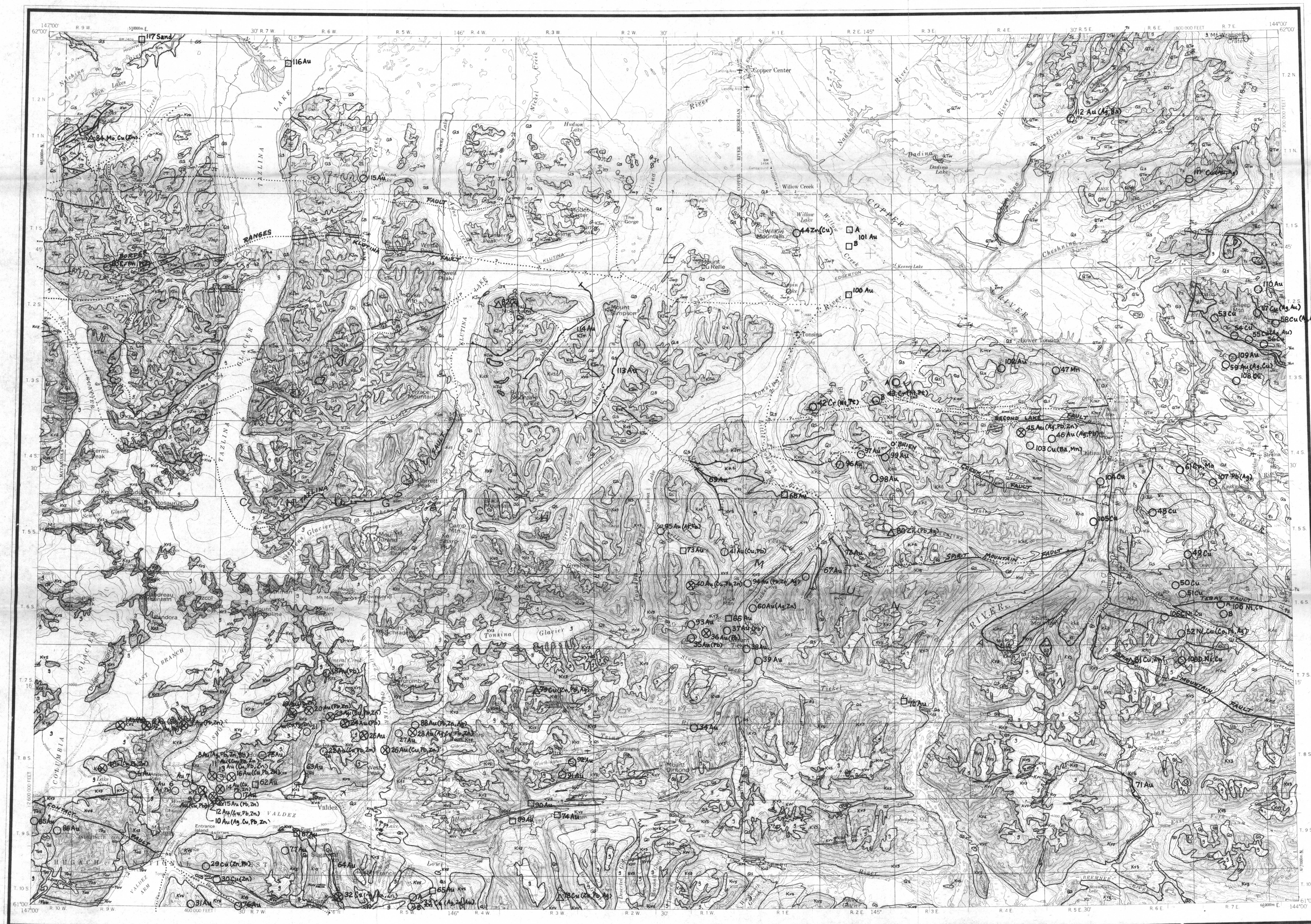


U.S. GEOLOGICAL SURVEY
 OPEN FILE REPORT 80-892-B
 FOLIO OF THE VALDEZ QUADRANGLE, ALASKA
 WINKLER AND OTHERS--MINERAL DEPOSITS
 Sheet 1 of 2



CORRELATION MAP UNITS
 (Symbols have been modified from previous editions, 1981)

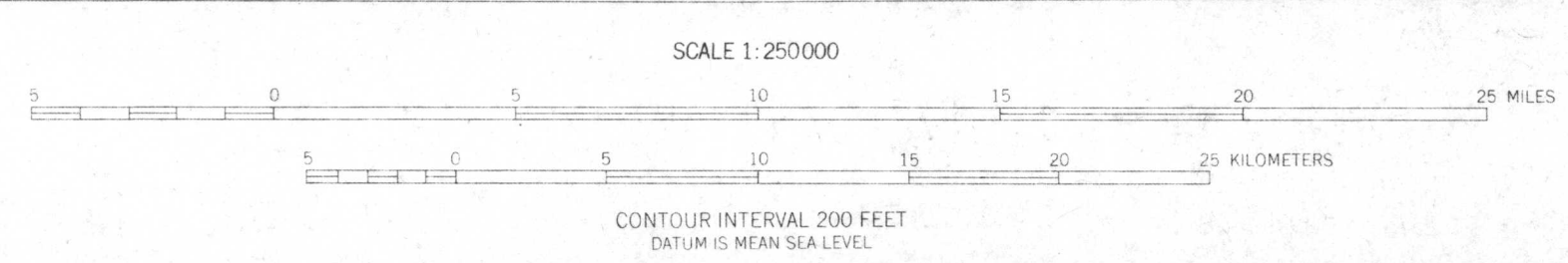
Geological units are divided into four facies-based groups that differ in their degree of metamorphism and in the composition of their rocks. The units are defined on the basis of their lithology, structure, and metamorphic grade. The units are defined as follows: Group 1 (Lower Cretaceous to Tertiary), Group 2 (Jurassic to Tertiary), Group 3 (Triassic to Tertiary), and Group 4 (Permian to Tertiary). The units are defined as follows: Group 1 (Lower Cretaceous to Tertiary), Group 2 (Jurassic to Tertiary), Group 3 (Triassic to Tertiary), and Group 4 (Permian to Tertiary).

UNIT	DESCRIPTION	AGE
1	Lower Cretaceous to Tertiary	CRETACEOUS AND TERTIARY
2	Jurassic to Tertiary	JURASSIC AND TERTIARY
3	Triassic to Tertiary	TRIASSIC AND TERTIARY
4	Permian to Tertiary	PERMIAN AND TERTIARY

DESCRIPTION OF MAP UNITS

UNIT	DESCRIPTION	AGE
1	Lower Cretaceous to Tertiary	CRETACEOUS AND TERTIARY
2	Jurassic to Tertiary	JURASSIC AND TERTIARY
3	Triassic to Tertiary	TRIASSIC AND TERTIARY
4	Permian to Tertiary	PERMIAN AND TERTIARY

Base from USGS 1:250,000 topo series: Valdez, Alaska (1960)



LOCATION INDEX

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

Geology compiled from unpublished mapping by J.E. Case, Arthur Grantz, C.D. Holloway, K.M. Johnson, E.M. MacKevett, Jr., P.A. Metz, R.L. Miller, W.J. Pritchard, George Plafker, M.L. Silberman, R.G. Tysdal, W.K. Wallace, J.R. Williams, and G.R. Winkler, 1964-1979; isolated outcrops west of the Copper River between Willow Creek and Kenny Lake are from Nichols and Yehle (1969)

- EXPLANATION
- ⊗ Mine
 - Prospect
 - △ Occurrence
 - ~ Drainage worked for placer gold
 - Placer gold locality
- Number at location corresponds to map number given in the accompanying descriptive table
- Chemical symbols at location—for example, Cu (copper)—indicate the metal commodities; symbols in parentheses represent apparent minor constituents or potential byproducts

MAP AND SUMMARY TABLE DESCRIBING MINERAL DEPOSITS IN THE VALDEZ QUADRANGLE, SOUTHERN ALASKA

By
 G.R. Winkler, R.J. Miller, E.M. MacKevett, Jr., and C.D. Holloway

1981

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