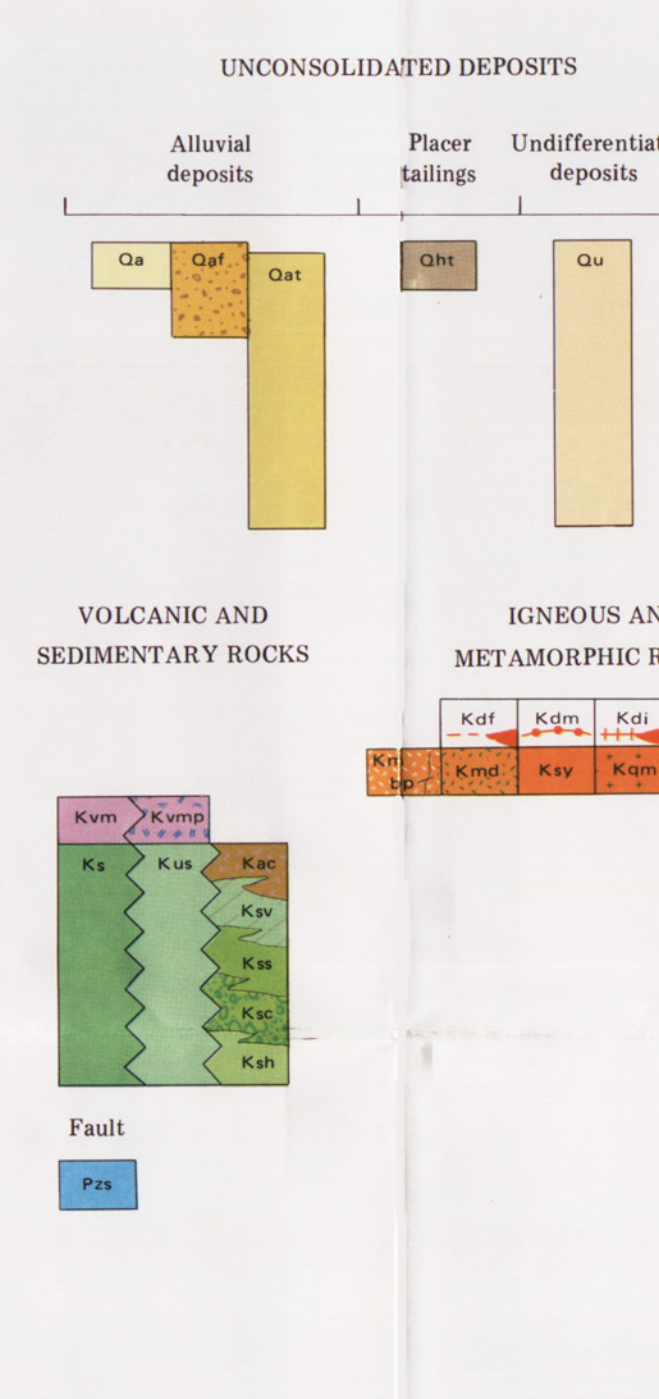


CORRELATION OF MAP UNITS



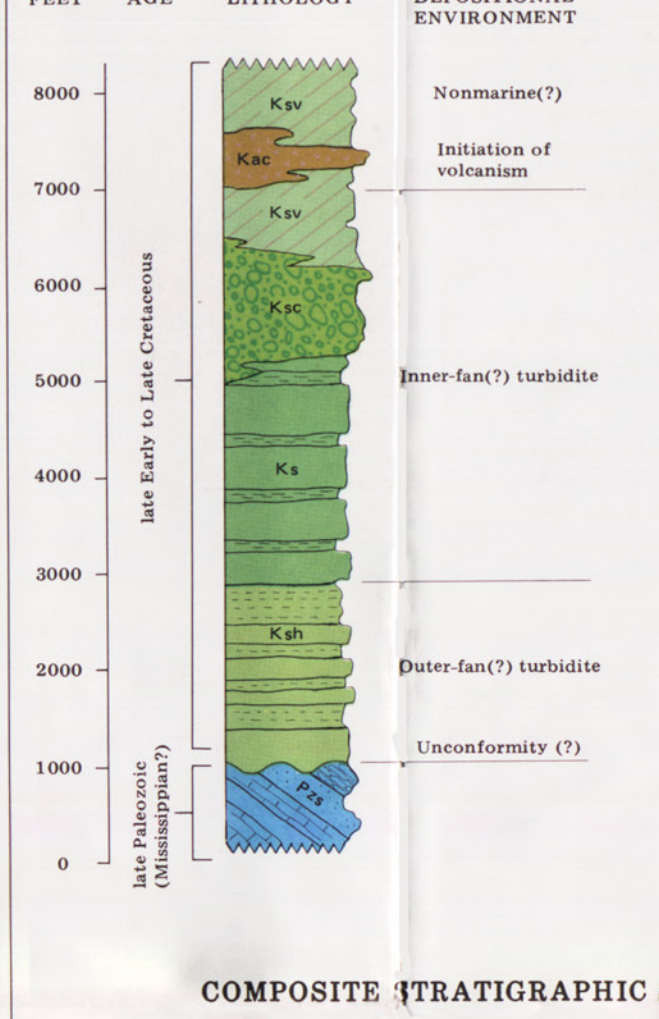
DESCRIPTION OF MAP UNITS

- UNCONSOLIDATED DEPOSITS: Alluvial deposits, Placer fillings, Undifferentiated deposits.
VOLCANIC AND SEDIMENTARY ROCKS: Stream alluvium, Alluvial-fan deposits, Terrace alluvium, Placer-mine tailings, Quaternary deposits.
IGNEOUS AND METAMORPHIC ROCKS: Mafic volcanic rocks, Porphyritic volcanic rocks, Agglomerate, chert, tuff, and sandstone, Siliceous volcaniclastic sandstone, Lithic sandstone, Sandstone.

INTRUSIVE AND METAMORPHIC ROCKS

- Dikes and subvolcanic rocks, Monzonite, Monzodiorite, Syenite, Quartz monzonite, Hornfels or metasomattite, Undifferentiated bedrock.

COMPOSITE STRATIGRAPHIC SECTION OF THE IDITAROD D-1 QUADRANGLE, ALASKA



INTERPRETATION OF SEDIMENTARY SECTION

This structural area of late Paleozoic limestone, chert, and orthoquartzite... The 6,500-ft-thick Cretaceous section appears to represent a gradual progression from a turbidite-fan facies to a shallow marine to nonmarine progradational river-delta facies.

Table 1. Analytical data for 40K-40Ar age determinations.

Table with columns for Map (field) number, Rock type, Mineral dated, K2O (wt%), Sample wt(g), 40Ar(rad), 40Ar(total), Age (m.y.) ± 1σ, and constants used in age calculations.

Table 4. Paleozoic data from Cretaceous sedimentary rocks, Iditarod D-1 Quadrangle, Alaska.

Table with columns for Map number, Location and description of collection site, Azimuth, Grand mean, Standard deviation, and Remarks.

Table 5. Cretaceous plant-fossil identifications from McGrath-Upper Innokov River area, Alaska.

Table with columns for Map number, Location and description of collection site, and Remarks.

Table 6. Invertebrate fossil identifications, Iditarod D-1 Quadrangle, Alaska.

Table with columns for Map number, Location and description of collection site, and Remarks.

Table 2. Description and analytical results of mineral occurrences and prospects, Iditarod D-1 Quadrangle, Alaska.

Table with columns for Map no., Field no., Au, Ag, Cu, Pb, Zn, Ni, Cr, V, Y, and Remarks.

Table 3. Major oxide analyses and CIPW norms of igneous rocks in the Iditarod D-1 Quadrangle, Alaska.

Table with columns for Map no., Field no., Rock type, and various chemical elements (SiO2, Al2O3, FeO, MgO, Na2O, K2O, TiO2, H2O, LOI, etc.) and CIPW norms.

REFERENCES CITED

List of references including Bundtzen and Laird (1980), Hantzschel (1975), Jones et al. (1977), and others.

