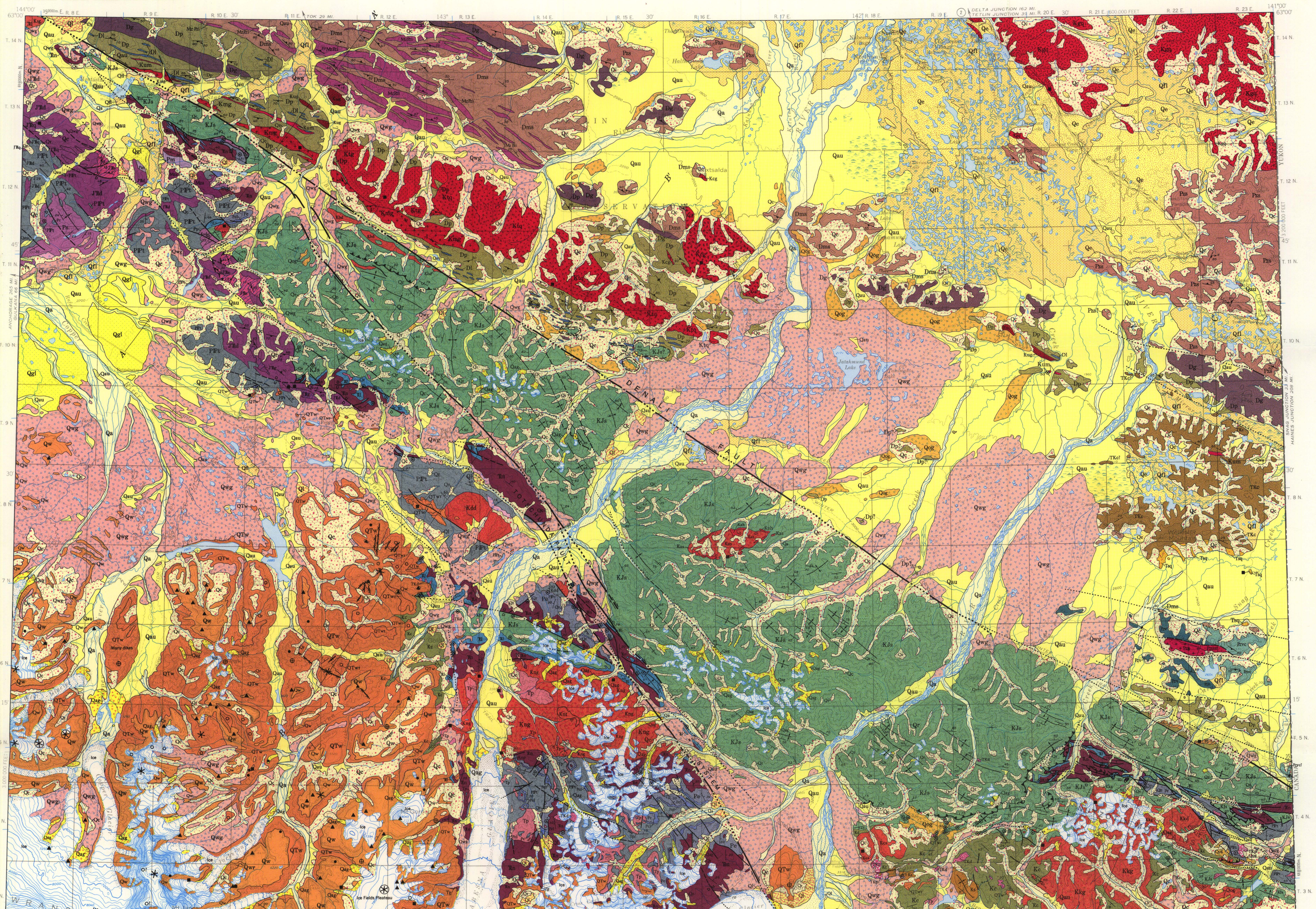
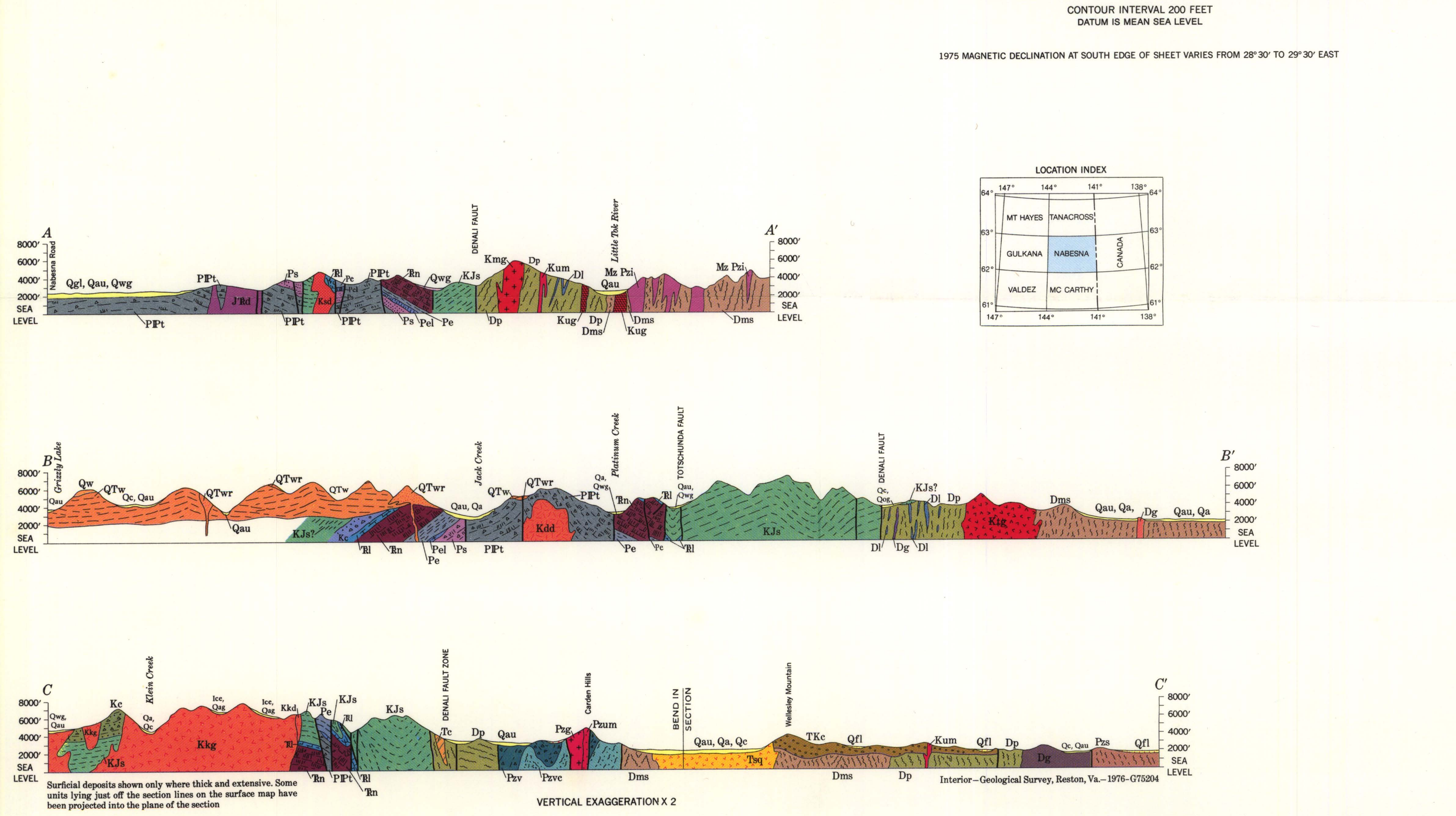
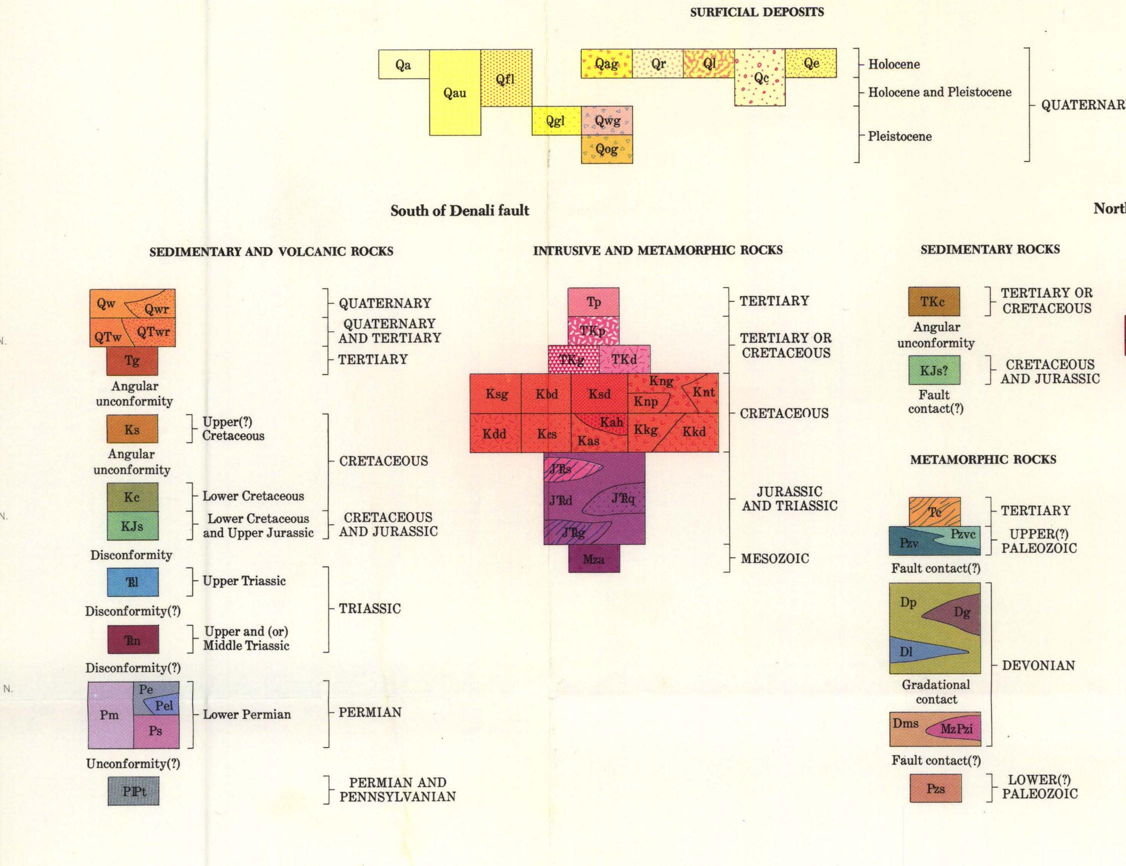
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

MISCELLANEOUS INVESTIGATIONS SERIES
MAP I-932





CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

Strata generally dip at low angles to the north and overlie older metamorphic rocks with marked angular unconformity. Locally thermally metamorphosed to dense dark conglomeratic hornfels by the Snag Creek pluton (Tsq) of Tertiary age. No fossils observed. Unit may represent shoreline facies of the Nutzotin Mountains sequence (KJs) south of the Denali fault. Thickness 0 to more than 1,500 m

KJs? MARINE SEDIMENTARY ROCKS–Dark-gray argillite, greenish-gray graywacke, and argillite-siltstone-graywacke beds similar to rocks of the Nutzotin Mountains sequence (KJs) south of the Denali fault. Exposed on four hills just north of the Denali fault (T. 10 N., R. 14, 15, and 16 E.) but largely covered by older glacial deposits and colluvium. Rocks are not regionally metamorphosed but are structurally contorted and are assumed to represent

actinolite and minor clinozoisite

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VERTICAL EXAGGERATION X 2

Interior–Geological Survey, Reston, Va.–1976–G75204

GEOLOGIC MAP OF THE NABESNA QUADRANGLE, ALASKA

By

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1976

For sale by U.S. Geological Survey, Fairbanks, Alaska 99701; Denver, Colo. 80225; or Reston, Va. 22092, price $1.00