

DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY

POTASSIUM-ARGON AGE DETERMINATIONS AND SELECTED MAJOR-ELEMENT CHEMICAL ANALYSES

Map and tables showing potassium-argon age determinations and selected major-element chemical analyses from the Circle quadrangle, Alaska

Gregory D. DuBois, Frederic H. Wilson, and Nora Shew

This report is part of a geologic map of Alaska and surrounding areas... The potassium-argon age determinations were made on 100 samples... The major-element chemical analyses were made on 100 samples...

Table 1.—Circle quadrangle K-Ar age determinations and T1/T2 ratios

Table with columns: Sample No., Locality, Rock Type, Mineral, Age (Ma), T1/T2, and Reference. Contains data for samples 79AW569 through 79AW103.

Table 2.—Rock descriptions

Table with columns: Sample No., Locality, Rock Type, Mineral, and Description. Provides detailed descriptions for rock units 79AW569 through 79AW103.

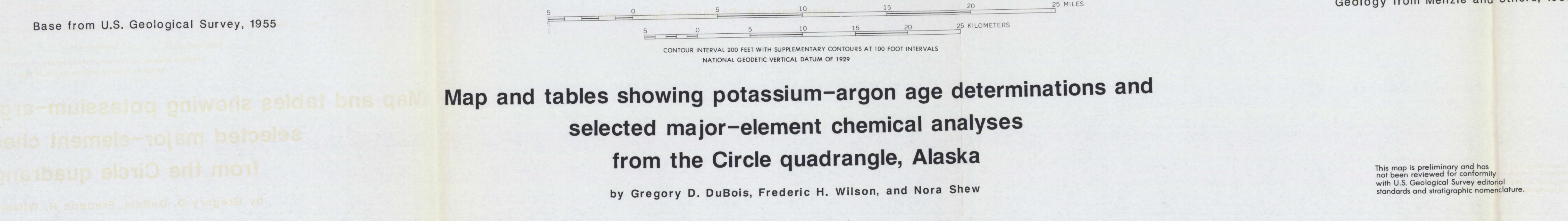


DEFINITION OF MAP UNITS and GEOLOGIC SYMBOLS. Includes legends for UNCONSOLIDATED DEPOSITS, SEDIMENTARY ROCKS, UNMETAMORPHOSED IGNEOUS ROCKS, and various fault types.

CORRELATION OF MAP UNITS. A stratigraphic column showing the relationship between geological units from the Quaternary to Precambrian eras.

Base from U.S. Geological Survey, 1955. This map is preliminary and has not been approved for publication with U.S. Geological Survey symbols and nomenclature.

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