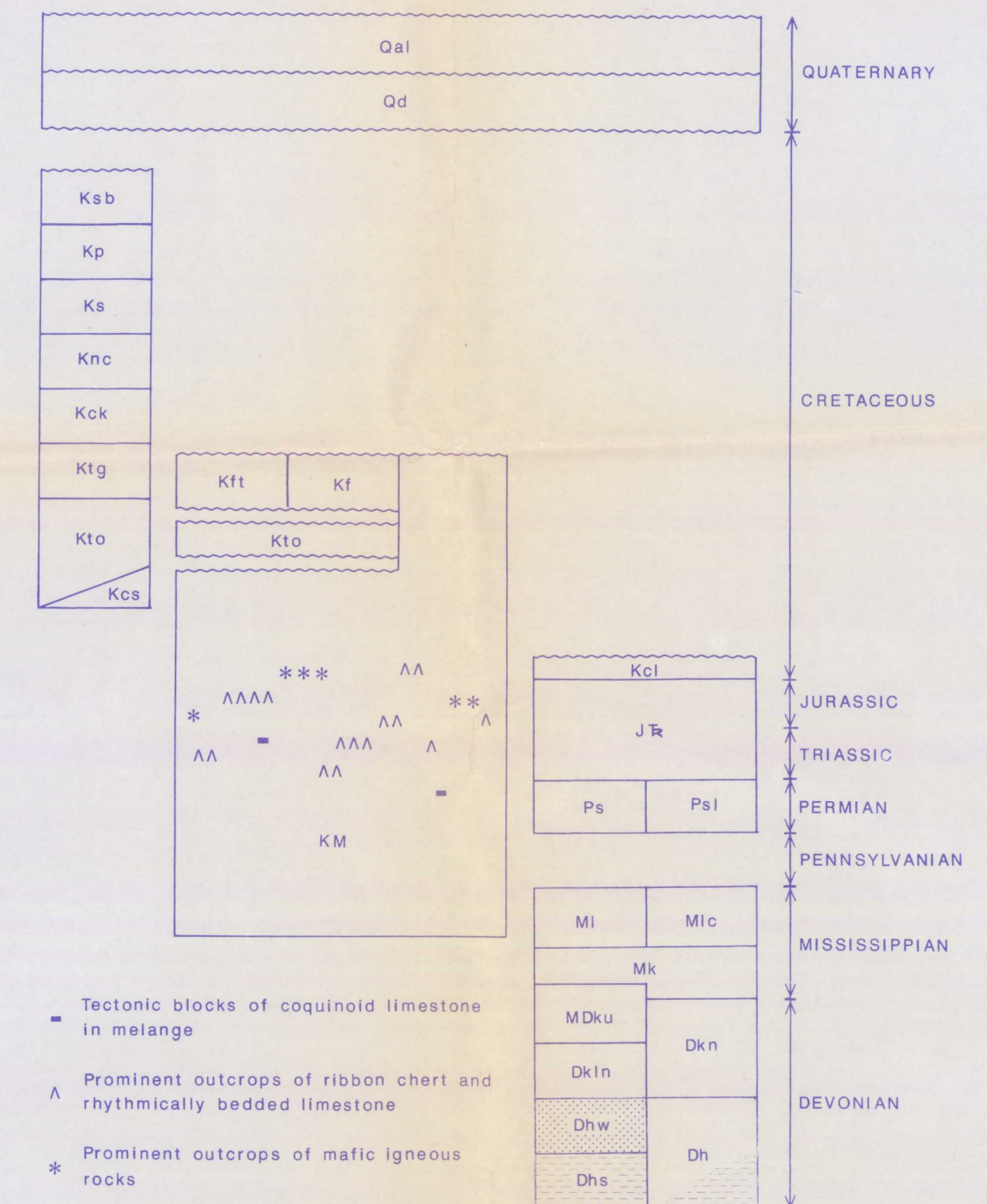


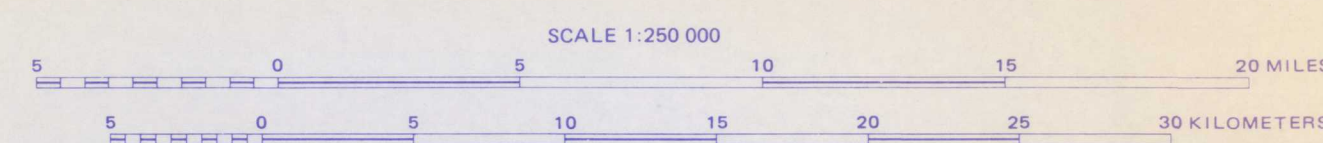
CORRELATION OF MAP UNITS



EXPLANATION OF MAP SYMBOLS

- Depositional contact
- Anticline, trace of axial plane, arrow shows direction of plunge
- Overturned anticline, trace of axial plane, arrow shows direction of plunge
- Syncline, trace of axial plane, arrow shows direction of plunge, dashed trace of axial plane shows inferred position where the strata that form the syncline occur in an upper thrust plate and have been removed by erosion
- Strongly asymmetrical anticline, trace of axial plane, double dip arrow identifies steeper dipping limb
- Overturned anticline, trace of axial plane
- Overturned syncline, trace of axial plane
- Thrust fault, teeth on upper plate
- Detachment surface, teeth on upper plate, approximately located
- Fault, nature uncertain, dip ticks indicate hanging wall block
- Strike and dip of bedding
- Shear zone, melange, zone of pervasively sheared and structurally mixed strata
- Prominent outcrops of ribbon chert and rhythmically bedded limestone
- Prominent outcrops of mafic igneous rocks
- Tectonic blocks of coquinooid limestone in melange
- Well drilled for oil and gas, abandoned

Base from U. S. Geological Survey Chandler Lake, 1956



GEOLOGY FROM: Published sources: Bowsher and Dutro, 1957, Broge and others (1960), Detterman and others (1963), Patton and Tailleux (1964), Porter (1966), Broge and others (1979), Kelley (1984a and b), and Kelley (1988). See text for references cited.

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DRAFT GENERALIZED GEOLOGIC MAP OF THE CHANDLER LAKE QUADRANGLE, NORTH-CENTRAL ALASKA

By
John S. Kelley
1989

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