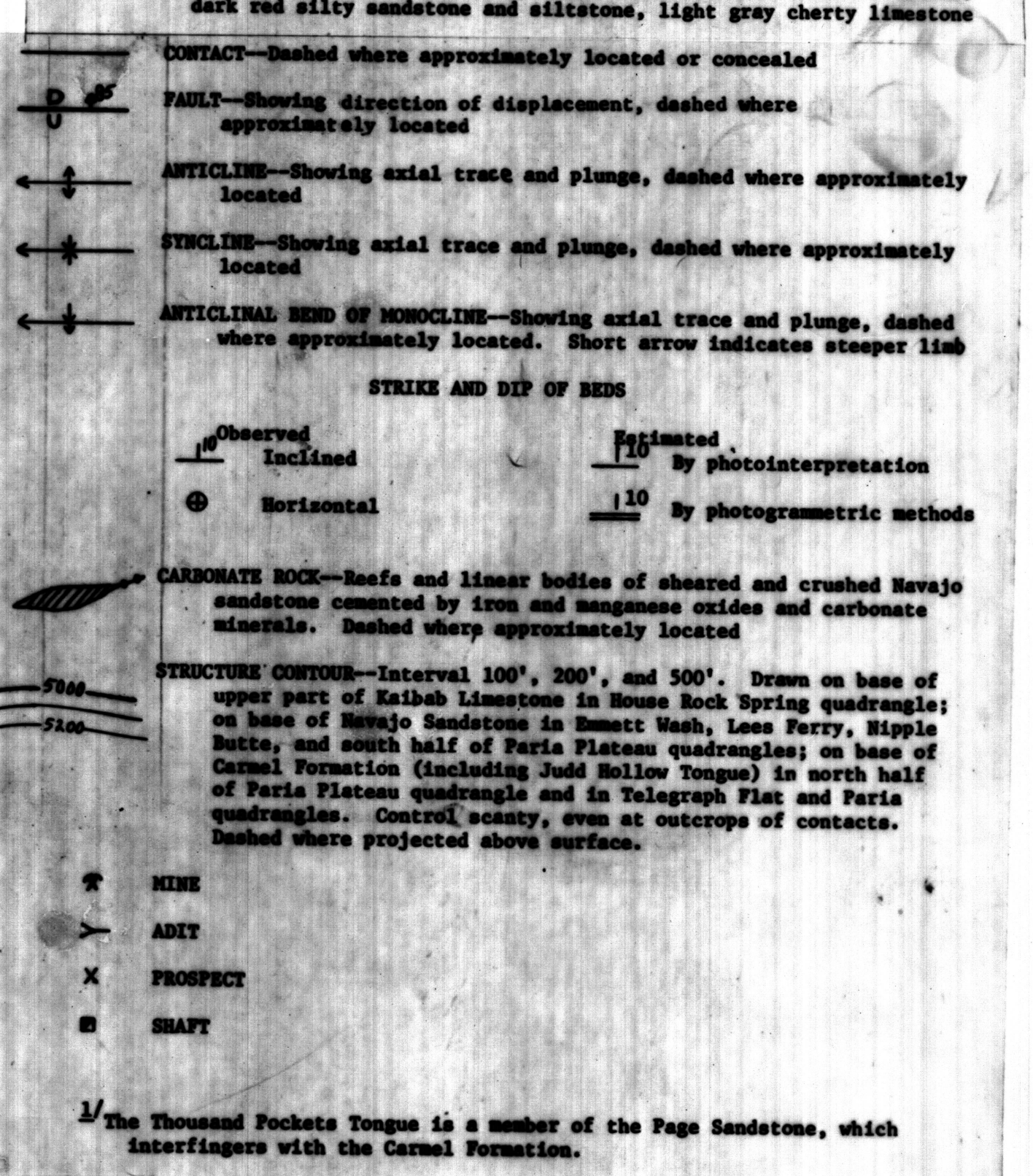
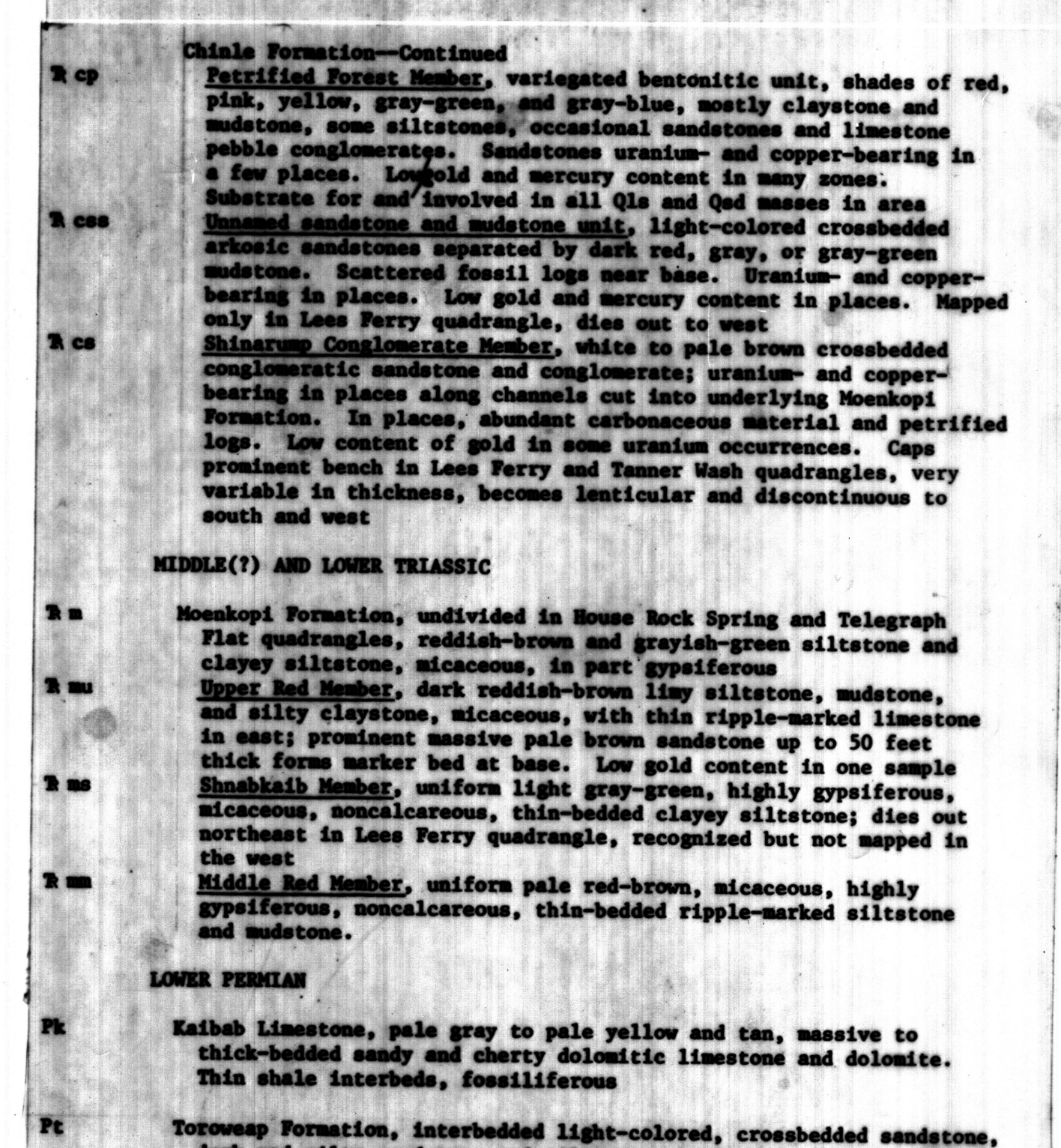
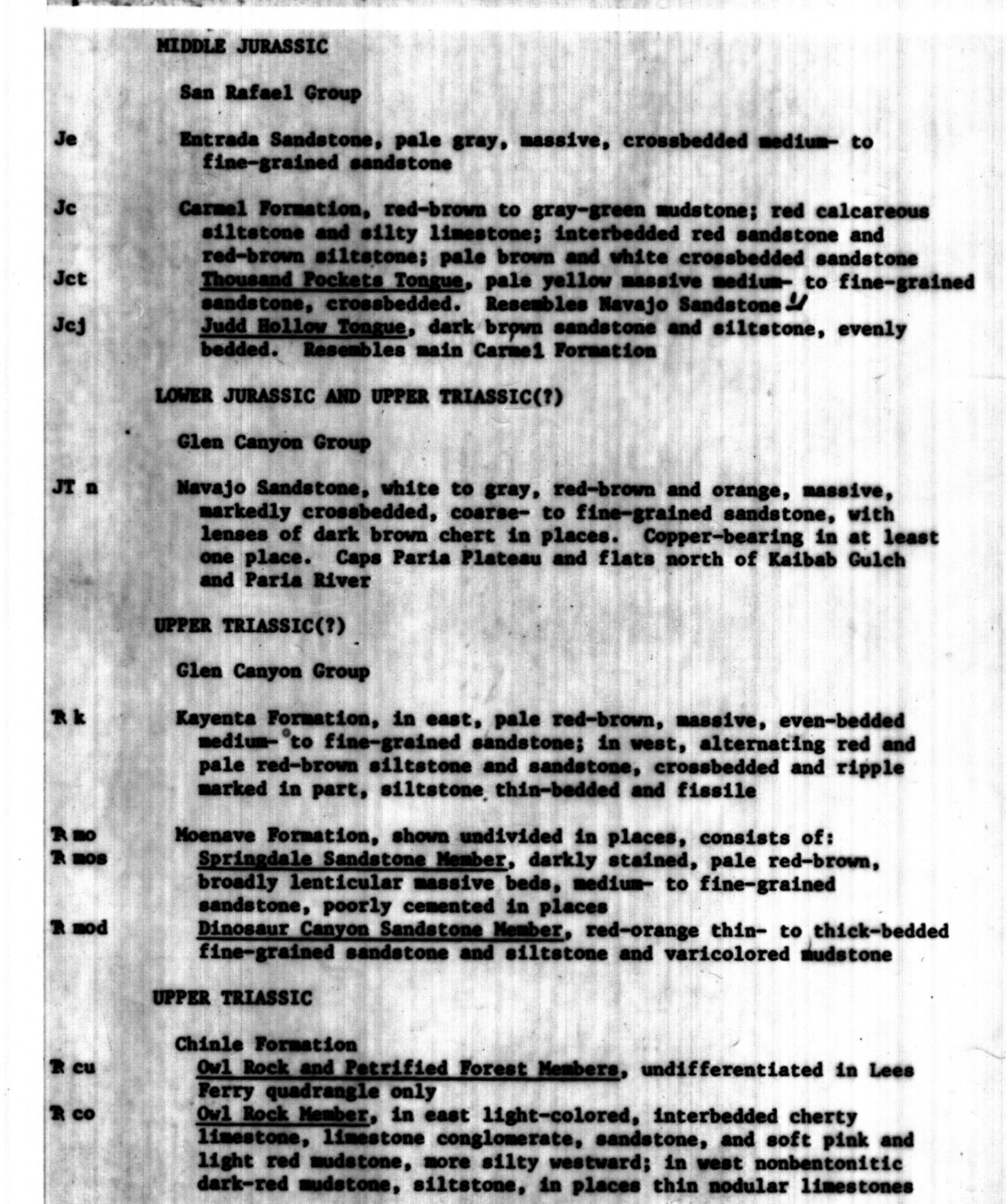
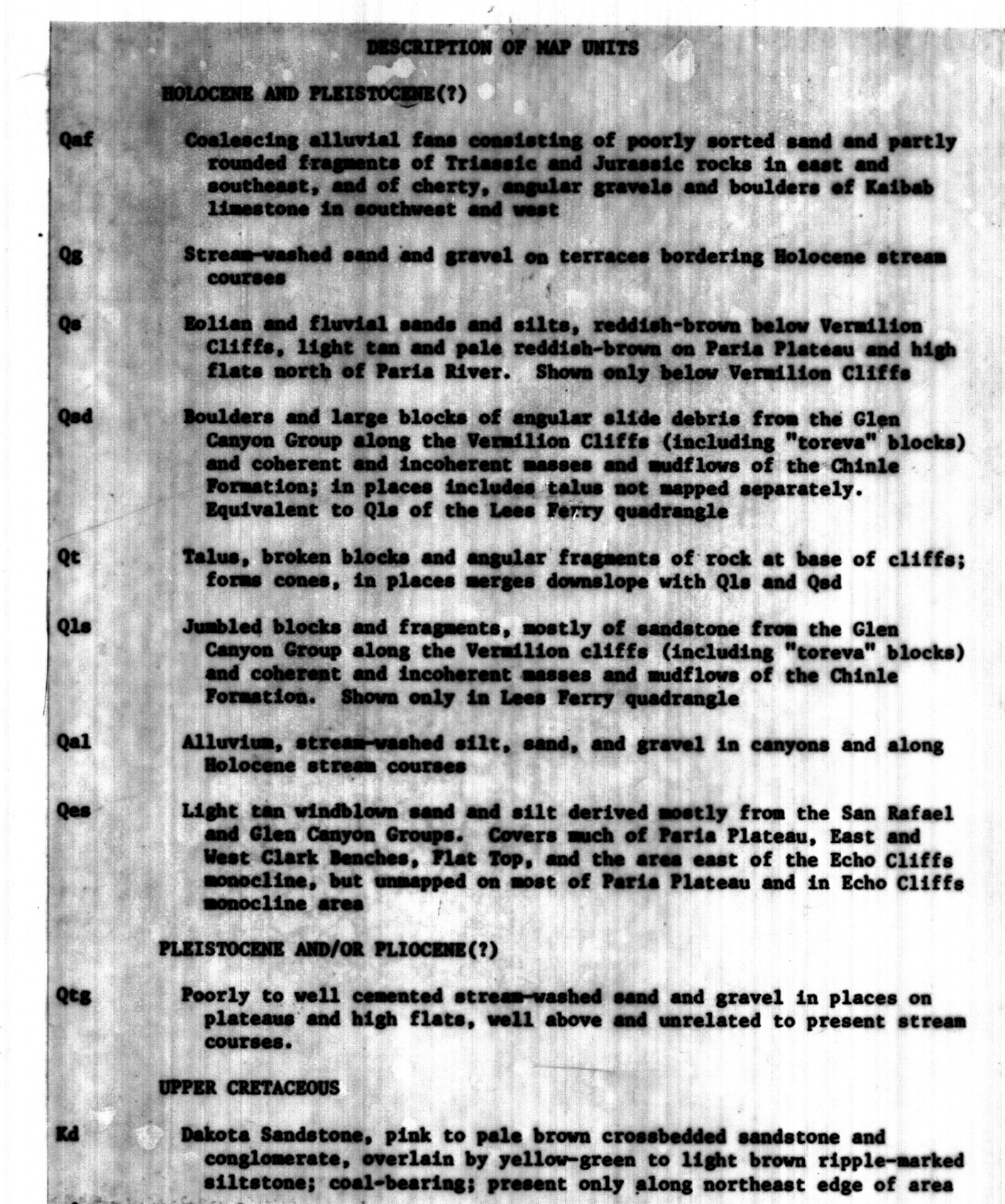
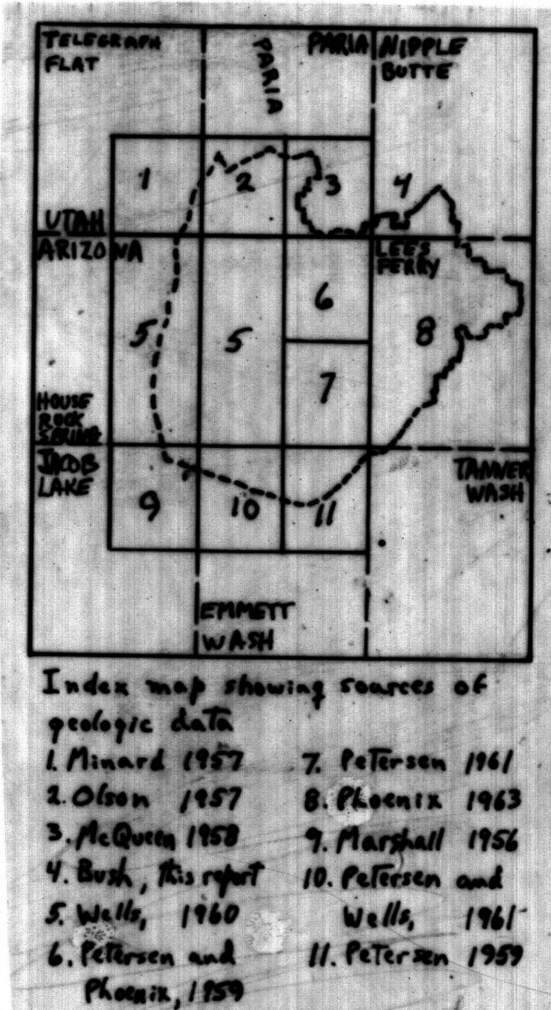




Geology from sources listed,
compiled by and with modifications
and additions by Bush. 1979



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PLATE 1.-PRELIMINARY GEOLOGIC MAP OF THE VERMILION CLIFFS-PARIA CANYON INSTANT STUDY AREA, COCONINO COUNTY, ARIZONA AND KANE COUNTY, UTAH, BY ALFRED L. BUSH, U.S. GEOLOGICAL SURVEY.