

STRATIGRAPHIC NOMENCLATURE—NEEDLES SHEET

Table with columns: AGE, STATE MAP SYMBOL, STATE MAP UNIT, STRATIGRAPHIC UNITS AND CHARACTERISTIC LITHOLOGIES. Includes geological periods like Quaternary, Pleistocene, Pliocene, Miocene, Tertiary, Cretaceous, Jurassic, and Triassic.

STRATIGRAPHIC NOMENCLATURE—Continued

Table with columns: AGE, STATE MAP SYMBOL, STATE MAP UNIT, STRATIGRAPHIC UNITS AND CHARACTERISTIC LITHOLOGIES. Focuses on Mesozoic and Paleozoic eras, including sub-periods like Mesozoic, Paleozoic, Devonian, Cambrian, and Precambrian.

NOTES

- 1. Fossil vertebrates found in the Sacramento Mountains are of a fairly primitive species of Merychippus and are probably middle Miocene according to John F. Lance, personal communication 12/18/1963.
2. Radiometric dates of granite rocks from the following areas indicate: Marble Mountains (central part) 165 million years (minimum), Pb/U, L. T. Silver, personal communication, 2/5/1964.
3. The age of some of these rocks is uncertain and actually may be younger than Precambrian.
4. Radiometric dates of granite rocks from the following areas indicate: Marble Mountains (southern part) 1410 million years (± 20 m.y.), Pb/U, Silver, L. T. and McKinney, C. R., 1963, U/Pb isotopic age studies of a Precambrian granite, Marble Mountains: Geol. Soc. Amer. Spec. Papers, No. 73 (1962 meetings), p. 65 (abstract).