U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

MISCELLANEOUS FIELD STUDIES
MAP MF-2154-D
*Pamphlet accompanies map*

Base from U.S. Geological Survey, 1957 (revised 1971)
Universal Transverse Mercator projection

This map is part of a folio of maps of the Reno 1° × 2° quadrangle, Nevada and California, prepared under the Conterminous United States Mineral Assessment Program. Each product is designated by a different letter symbol, starting with A, in the U.S. Geological Survey Miscellaneous Field Studies Map MF–2154 folio.

SCALE 1:250 000

5 0 5 10 15 20 MILES

5 0 5 10 15 20 25 30 KILOMETERS

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100-FOOT INTERVALS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

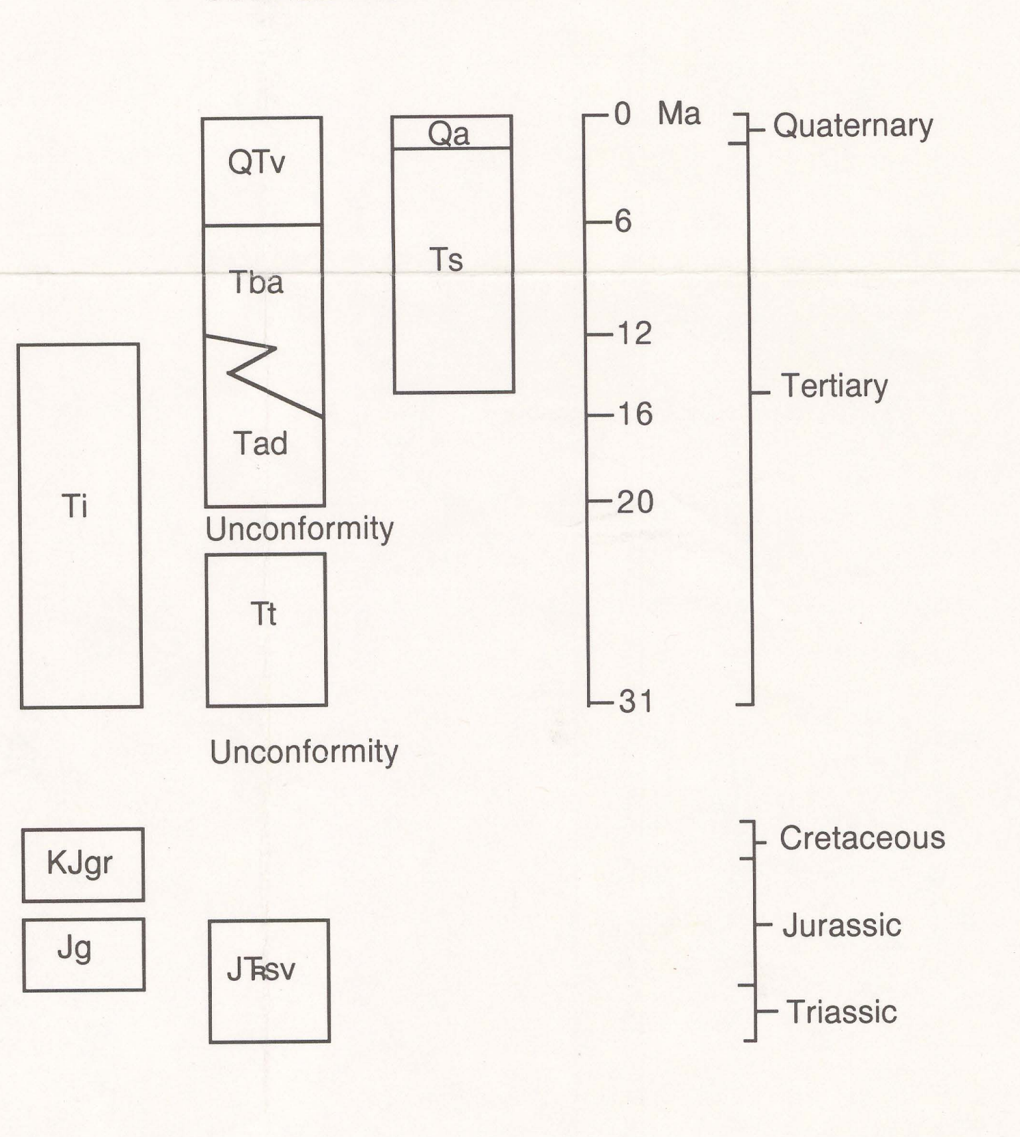
QUADRANGLE LOCATION

Data compiled by J.H. Stewart, E.H. McKee, and D.A. John, 1988–1994. Geology generalized, with modifications, from Greene and others (1991) by John, Stewart, and others (1993)

Edited by Taryn Lindquist; prepared by Lori Moore Ghequiere

Manuscript approved for publication August 1, 1994

## CORRELATION OF MAP UNITS



## DESCRIPTION OF MAP UNITS

| | |
|---|---|
| Qa | **Alluvium (Quaternary)** |
| QTv | **Volcanic rocks (Quaternary and Tertiary)**—Basalt and rhyolitic rocks |
| Ts | **Sedimentary rocks (Tertiary)** |
| Tba | **Basalt, andesite, and rhyolite (Tertiary)**—Mostly basalt and andesite, minor rhyolitic flows, domes, and shallow intrusive rocks. Bimodal basalt-rhyolite assemblage |
| Ti | **Intrusive rocks (Tertiary)**—Includes granitic and fine-grained to porphyritic rocks |
| Tad | **Andesite and dacite (Tertiary)**—Western andesite assemblage |
| Tt | **Ash-flow tuff and minor andesitic to rhyolitic flows, domes, and shallow intrusive rocks (Tertiary)**—Interior andesite and rhyolite assemblage |
| KJgr | **Granitic rocks (Cretaceous and Jurassic)** |
| Jg | **Gabbroic rocks (Jurassic)** |
| JTRsv | **Metasedimentary and metavolcanic rocks (Jurassic and Triassic)** |
| — | **Contact** |
| ━ | **Fault**—Dotted where inferred |
| •12 | **Location of isotopically dated Cenozoic rocks**—Number, when combined with letter that designates quadrangle (shown in upper left-hand corner of each quadrangle), makes up locality number listed in section entitled "Sample Localities and Ages" (for example, G12; see pamphlet) |

# MAP SHOWING COMPILATION OF ISOTOPIC AGES OF CENOZOIC ROCKS IN THE RENO 1°×2° QUADRANGLE, NEVADA AND CALIFORNIA

By

**John H. Stewart, Edwin H. McKee, and David A. John**

1994

INTERIOR—GEOLOGICAL SURVEY, RESTON, VA—1994

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