UNITED STATES DEPARTMENT OF THE INTERIOR
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PROFESSIONAL PAPER 623
PLATE 1

# MAP SHOWING DISTRIBUTION OF MESOZOIC GRANITIC ROCKS IN CALIFORNIA AND WESTERN NEVADA

## EXPLANATION

- Upper Cretaceous — Cathedral Range intrusive rocks — CRETACEOUS
- Lower Cretaceous — Huntington Lake intrusive rocks — CRETACEOUS
- Upper Jurassic — Yosemite intrusive rocks — JURASSIC
- Lower and Middle Jurassic — Inyo Mountains intrusive rocks — JURASSIC
- Middle and Upper Triassic — Lee Vining intrusive rocks — TRIASSIC

Mesozoic granitic rocks with potassium-argon mineral ages that reflect deep burial, abnormal heating, or abnormal strain prior to present exposure

Mesozoic granitic rocks for which data are insufficient to permit assignment to an intrusive epoch

Contact
*Dashed where approximately located*

Fault
*Dotted where concealed or inferred. Arrows indicate direction of relative movement on strike-slip faults*

- ⊙3 University of California, Berkeley
- ▲240 US Geological Survey, Menlo Park; this report
- ▲160 Curtis, Evernden, and Lipson (1958)
- ⊙207 Hall and MacKevett (1962)
- ⊙170 Kistler, Bateman, and Brannock (1965)
- ▲167 Kistler and Dodge (1966)
- ×250 Compton (1966)

Sample locality
*Type of symbol indicates data source. Numbers correspond to location numbers in table 5*

SCALE 1:1 250 000

0 25 50 75 100 MILES
25 0 25 50 75 100 KILOMETERS

Geology from Geologic Map of California, compiled by U.S. Geological Survey and California Division of Mines and Geology, 1966

359-835 O - 69 (In pocket)