

EXPLANATION

UNCONSOLIDATED DEPOSITS

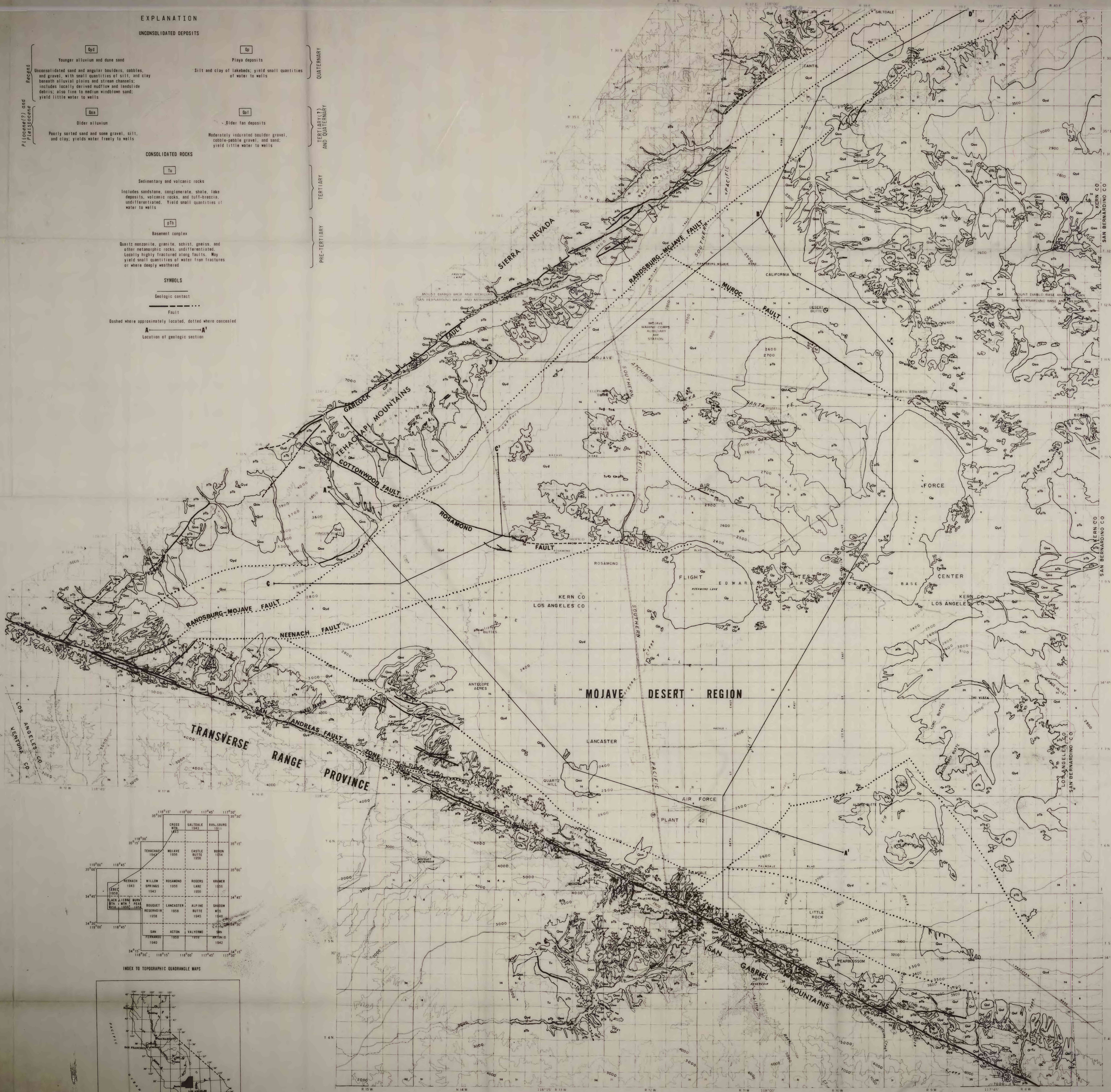
- | | | | |
|--|---|--|-------------------------------|
| Recent Pliocene(?) and Pleistocene | Q _{yd} | Q _u | QUATERNARY |
| | Q _{oa} | Q _{ol} | |
| | Younger alluvium and dune sand Unconsolidated sand and angular boulders, cobbles, and gravel, with small quantities of silt, and clay beneath alluvial plains and stream channels; includes locally derived mudflow and landslide debris; also fine to medium windblown sand; yield little water to wells | Playa deposits Silt and clay of lakebeds; yield small quantities of water to wells | |
| | Older alluvium Poorly sorted sand and some gravel, silt, and clay; yields water freely to wells | Older fan deposits Moderately indurated boulder gravel, cobble-pebble gravel, and sand; yield little water to wells | TERTIARY AND QUATERNARY |

CONSOLIDATED ROCKS

- | | |
|---|----------|
| T _u | TERTIARY |
| P _{th} | |
| Sedimentary and volcanic rocks Includes sandstone, conglomerate, shale, lake deposits, volcanic rocks, and tuff-breccia, undifferentiated. Yield small quantities of water to wells | |
| Basement complex Quartz monzonite, granite, schist, gneiss, and other metamorphic rocks, undifferentiated. Locally highly fractured along faults. May yield small quantities of water from fractures or where deeply weathered | |

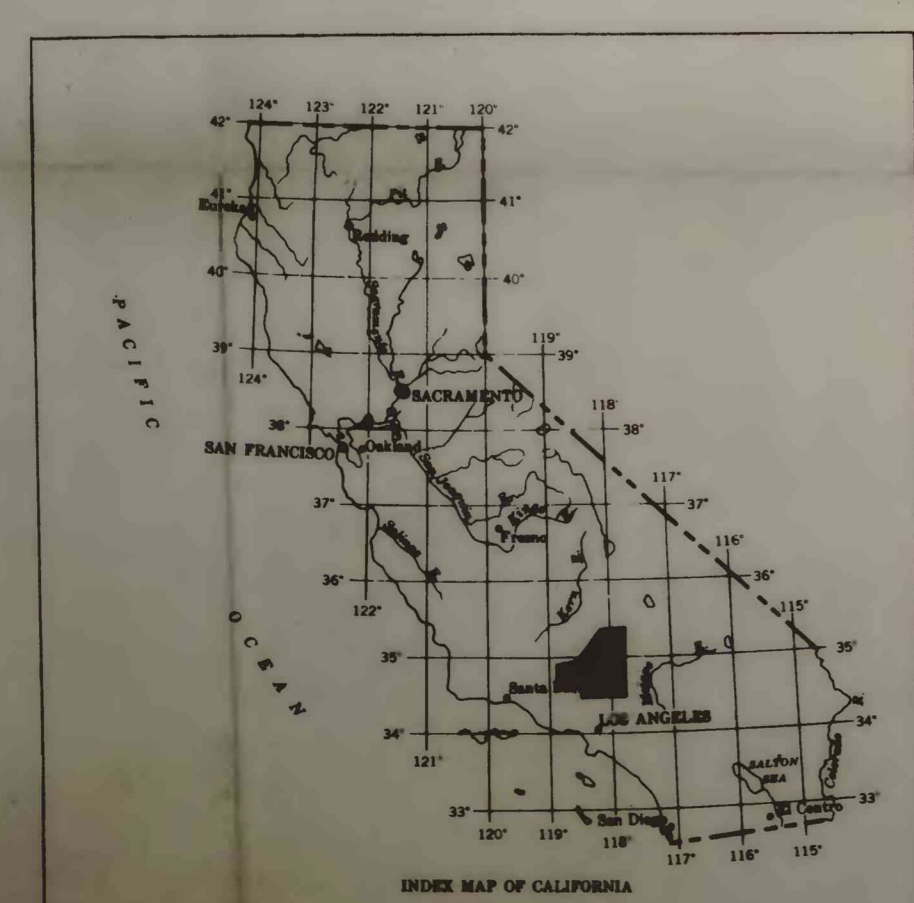
SYMBOLS

- Geologic contact
Fault
Dashed where approximately located, dotted where concealed
Location of geologic section



INDEX TO TOPOGRAPHIC QUADRANGLE MAPS

| | | | |
|---------|-------------------|---------------------|-------------------|
| 118°15' | 118°00' | 117°45' | 117°30' |
| 35°15' | CROSS BUTTES 1943 | SALIDA 1943 | PARLOR 1943 |
| 35°00' | TEHACHA 1943 | MOJAVE 1958 | CASTLE BUTTE 1958 |
| 34°45' | NEENACH 1943 | WILLOW SPRINGS 1943 | ROSGAMOND 1958 |
| 34°30' | ROSGAMOND 1958 | LANCASTER 1958 | ALPINE BUTTE 1943 |
| 34°15' | ROSGAMOND 1958 | LANCASTER 1958 | ALPINE BUTTE 1943 |
| 34°00' | ROSGAMOND 1958 | LANCASTER 1958 | ALPINE BUTTE 1943 |
| 33°45' | ROSGAMOND 1958 | LANCASTER 1958 | ALPINE BUTTE 1943 |
| 33°30' | ROSGAMOND 1958 | LANCASTER 1958 | ALPINE BUTTE 1943 |
| 33°15' | ROSGAMOND 1958 | LANCASTER 1958 | ALPINE BUTTE 1943 |
| 33°00' | ROSGAMOND 1958 | LANCASTER 1958 | ALPINE BUTTE 1943 |



CONTOUR INTERVALS 100 AND 1,000 FEET
DATUM IS MEAN SEA LEVEL

APPROXIMATE MEAN DECLINATION, 1958

**MAP OF THE ANTELOPE VALLEY-EAST KERN WATER AGENCY AREA, CALIFORNIA
SHOWING GENERALIZED GEOLOGY**