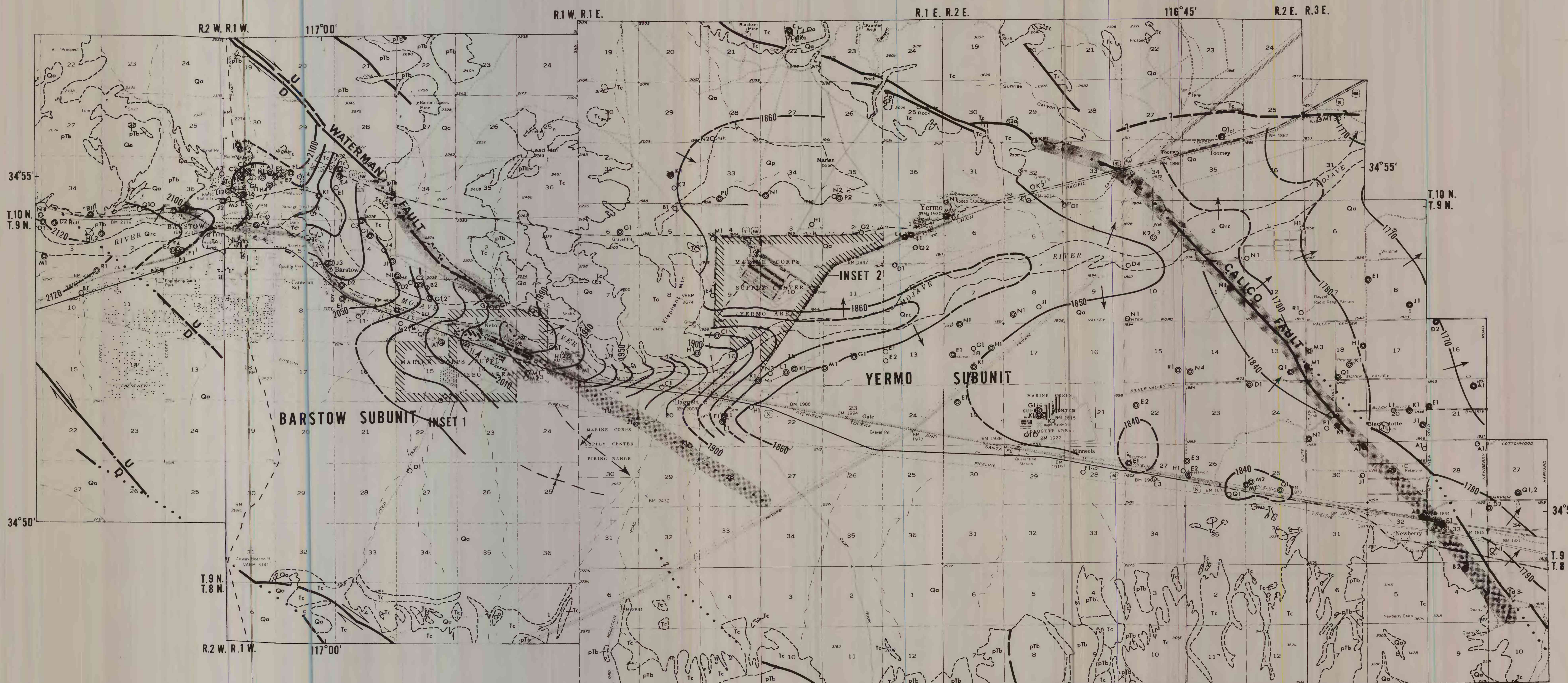
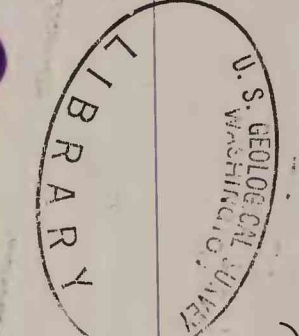


70-190



- EXPLANATION**
- UNCONSOLIDATED DEPOSITS**
- Qrc** River-channel deposits
Stream-deposited sand, largely unsaturated, but highly permeable; during periods of streamflow transmit large seepage losses to ground-water basins
 - Qa** Alluvium
Gravel, sand, silt, and clay; unconsolidated to moderately consolidated; includes some lacustrine deposits north of Nebo and some wind-deposited sand northwest of Newberry; where saturated yields water readily to wells
 - Qp** Playa deposits
Clay, silt, and some sand, beneath playa areas; yield small quantities of water to wells where saturated; in many places water is of poor chemical quality
- CONSOLIDATED ROCKS**
- Tc** Continental rocks
Two general types: (1) Continental sedimentary rocks—conglomerate, sandstone, siltstone, mudstone, shale, water-laid volcanic tuff and agglomerate, and some limestone; yield little water to wells; water may be of poor chemical quality; and (2) volcanic rocks—extrusive felsite, latite, andesite, rhyolite, basalt, and intrusive dacite; in part tuff-breccia and tuff; in places intercalated with continental sedimentary rocks; yield little water to wells
 - pTb** Basement complex
Quartz monzonite, granite, granodiorite, hornblende, diorite, gneiss, schist, and metavolcanics; yields little water to wells
- MAP SYMBOLS**
- Geologic contact
 - Fault
 - Anticline
 - Syncline
 - Boundary of ground-water subunit
 - Water-level contour, spring 1969
 - Irrigation, public-supply, industrial, or stock well with 5-hp motor or larger
 - Domestic, unused, or other well with smaller than 5-hp motor
 - Dry or destroyed well
- WELL-NUMBERING SYSTEM**
- Letter after well indicates position in section thus:
- | | | | |
|---|---|---|---|
| D | C | B | A |
| E | F | G | H |
| M | L | K | J |
| N | P | Q | R |
- For a complete description of well-numbering system, see text

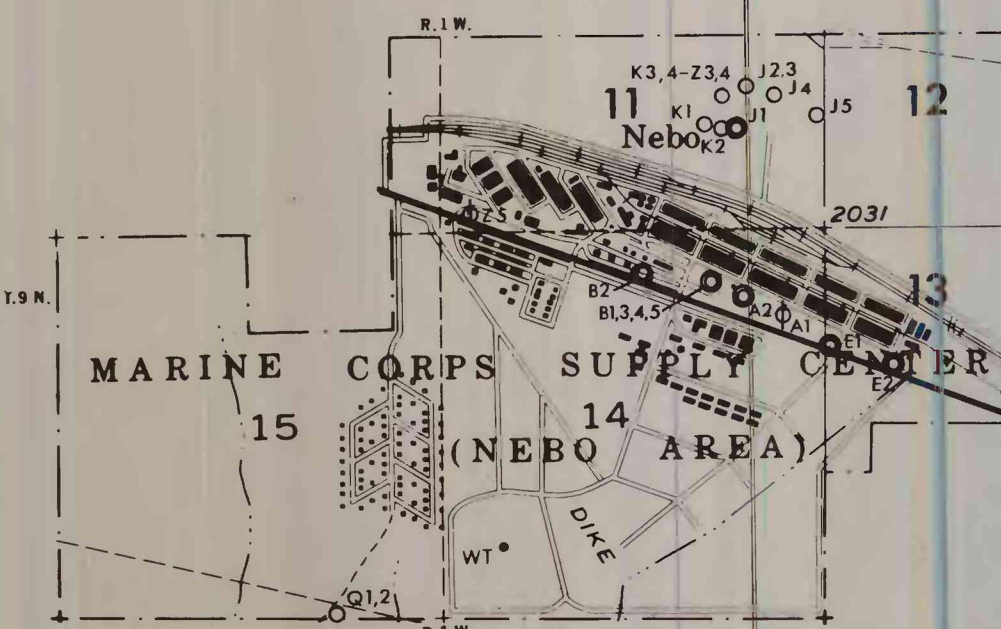
Pleistocene and Holocene

Miocene and Pliocene

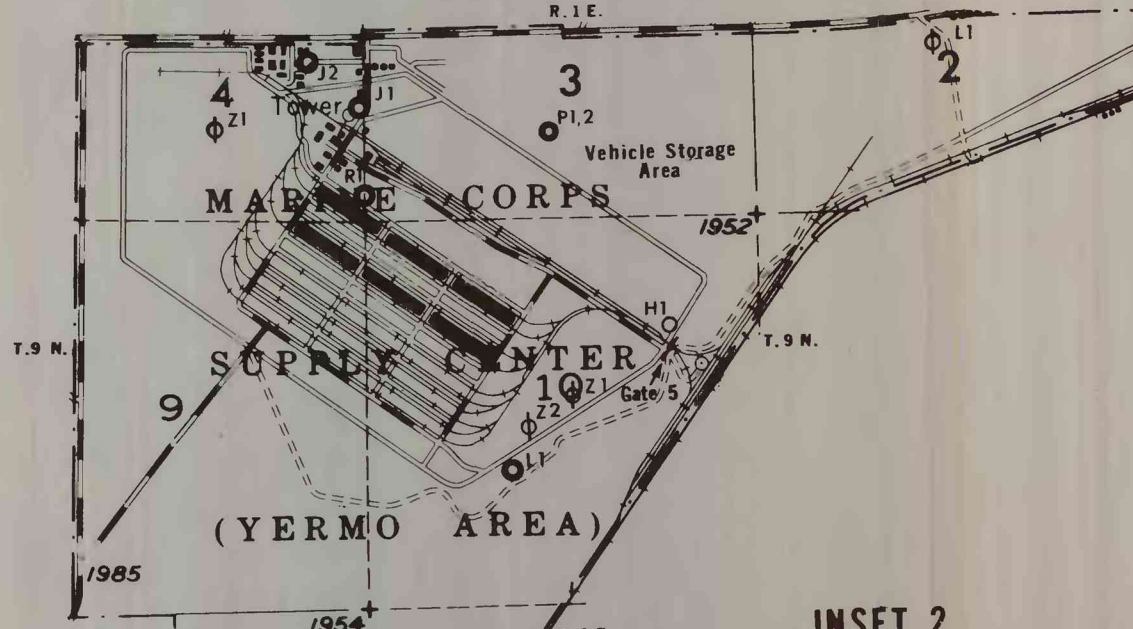
QUATERNARY

TERTIARY

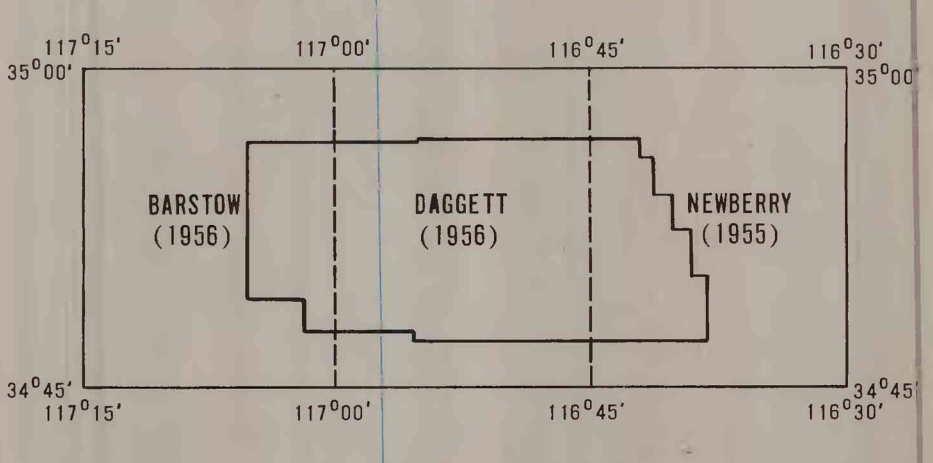
PRE-TERTIARY



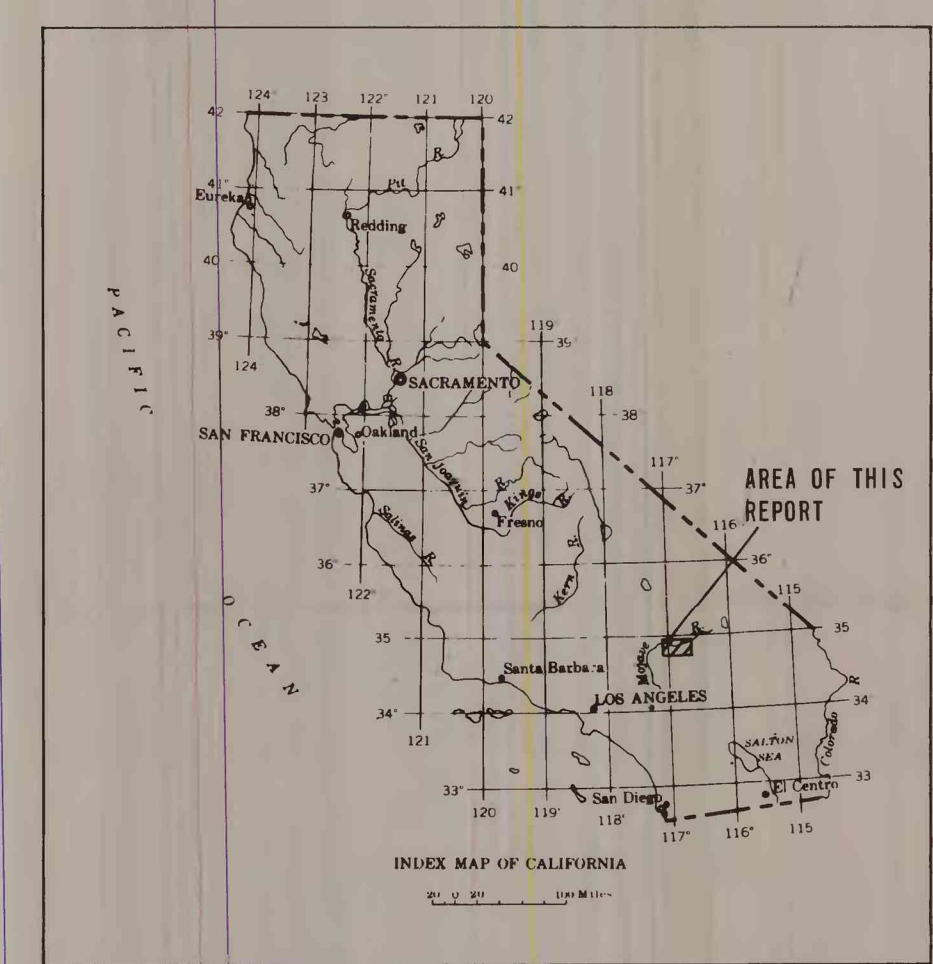
INSET 1



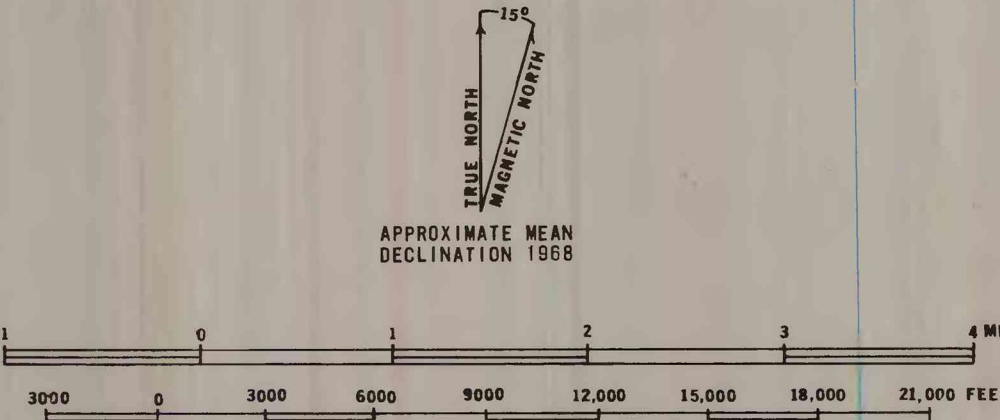
INSET 2



INDEX TO TOPOGRAPHIC QUADRANGLE MAPS



INDEX MAP OF CALIFORNIA



MAP OF MARINE CORPS SUPPLY CENTER AREA, BARSTOW, CALIFORNIA SHOWING GENERALIZED GEOLOGY, LOCATION OF SELECTED WELLS AND WATER-LEVEL CONTOURS, SPRING 1969