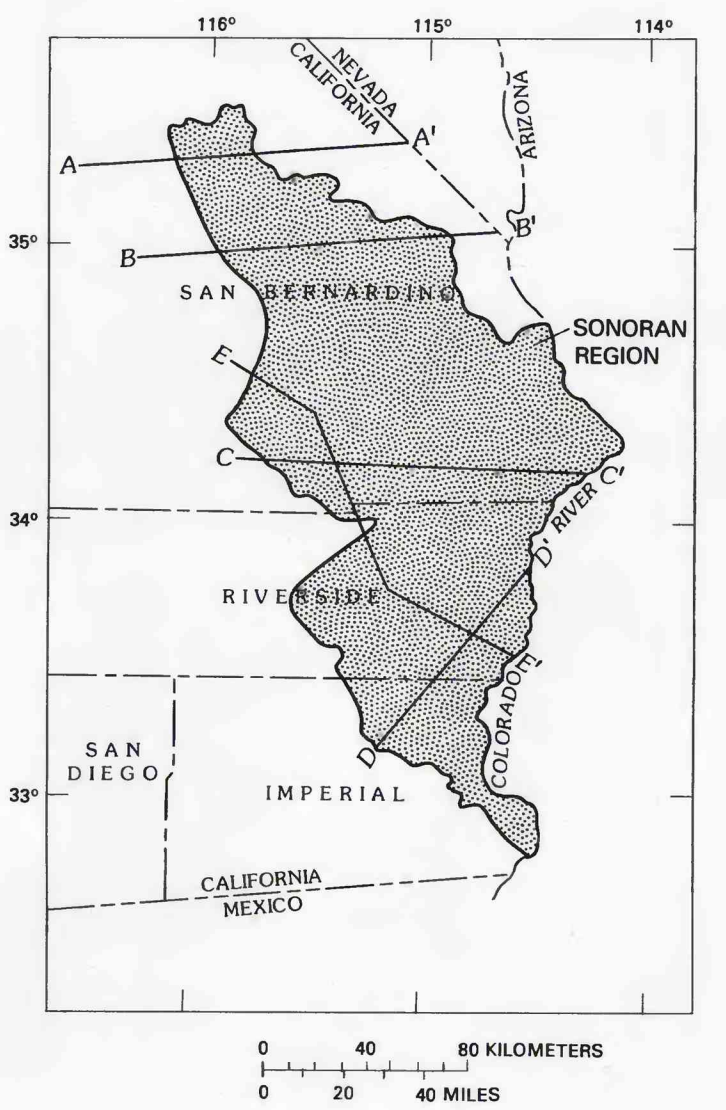


- EXPLANATION**
- Qal** ALLUVIUM-Of late Quaternary age, undissected
 - Ql** PLAYA LAKE SILT AND CLAY (Ql) AND SOLUBLE SALT (Qa)-Known or inferred to be of late and middle Quaternary age
 - Qc** CONTINENTAL SEDIMENTS-Known or inferred to be of Quaternary age but older than alluvium; mostly coarse to fine gravel or coarse sand
 - Qv** VOLCANIC ROCKS-Known or inferred to be of late and middle Quaternary age; includes intrusive necks and extrusive flows, pyroclastic breccias, and tuffs
 - QTc** CONTINENTAL SEDIMENTS-Known or inferred to be of early Quaternary and late Tertiary age; mostly coarse to fine gravel or coarse sand
 - QTV** VOLCANIC ROCKS-Known or inferred to be of early Quaternary and late Tertiary age; includes intrusive necks and extrusive flows, pyroclastic breccias, and tuffs
 - QTI** PLAYA LAKE SILT AND CLAY (QTI) AND SOLUBLE SALT (QTS)-Known or inferred to be of early Quaternary and late Tertiary age
 - Tc** CONTINENTAL SEDIMENTS-Known or inferred to be of Tertiary (Miocene and Oligocene) age; mostly coarse to fine gravel or coarse sand
 - Tv** VOLCANIC ROCKS-Known or inferred to be of Tertiary (Miocene and Oligocene) age. Mostly extrusive flows, pyroclastic breccias, and tuffs
 - Msp** PLUTONIC ROCKS-Generally of late Mesozoic age
 - Mss** SEDIMENTARY AND VOLCANIC ROCKS-Generally of early Mesozoic age; maximum thickness about 3,000 meters in the north, 7,300 meters in the southeast
 - PMs** SEDIMENTARY ROCKS-Generally of Permian, Pennsylvanian, and Mississippian age; mostly clastic rocks in northwestern part of area, which grade east and south into carbonate rocks
 - MCs** SEDIMENTARY ROCKS-Generally of Lower Mississippian through Cambrian age; mostly carbonate rocks
 - CpCs** SEDIMENTARY ROCKS-Generally of Middle Cambrian to late Precambrian age
 - pCm** METAMORPHIC ROCKS-Known or inferred to be of Precambrian age; includes both metasedimentary and metaplutonic rocks
- CONTACT—Solid where reasonably constrained, dashed where purely hypothetical
- FAULT—Solid where reasonably constrained, dashed where purely hypothetical, dotted where concealed or projected, shown vertical unless dip is known or is clearly at a low angle



GEOLOGIC SECTIONS, SONORAN REGION, CALIFORNIA