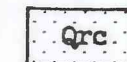


GEOLOGIC MAP OF PAUMA INDIAN RESERVATION
AND VICINITY, SAN DIEGO COUNTY, CALIFORNIA

EXPLANATION



Channel deposits

Unconsolidated sand, gravel, boulders, and silt along flood channel of Pauma Creek. Moderately permeable, but largely above saturated zone. Thickness: 0-50+ ft.



Younger fanglomerate

Unconsolidated to somewhat indurated, ill-sorted alluvial-fan detritus ranging from silt and clay to large cobbles and boulders. Sand and gravel lenses moderately permeable.



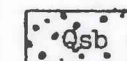
Intermediate fanglomerate

Similar in lithology to younger fanglomerate. No wells in vicinity of reservation start in this material. Forms terraces topographically below older fanglomerate and above younger fanglomerate.



Older fanglomerate

Similar in lithology to intermediate and younger fanglomerates. Not tapped by wells near reservation. Forms topographically highest terrace in area.



Slide breccia

Coarse landslide detritus at base of Agua Tibia Mountains escarpment. Hydrologically unimportant except as a ground-water intake area.



Crystalline basement complex

Schist, mixed rock, granodioritic rocks. Small amounts of water contained in weathered and fractured zones, but not likely to be developed as a source of ground water in the reservation area.

Contact

Dashed where approximately located

Water well

Contour interval 40 feet

Dashed land lines projected for reference only

QUATERNARY
CRETACEOUS AND
OLDER