

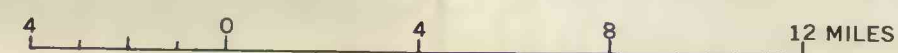
EXPLANATION

- QUATERNARY**
- Qal**  
Alluvium  
Stream-deposited gravel, sand, silt, and clay. Includes deposits underlying the lower stream terraces. Yields small to large quantities of water to wells in the valleys of Frenchman, Springs, and Sinking Water Creeks.
  - Qds**  
Dune sand  
Very fine to very coarse sand. Generally lies above the water table. Important as catchment area for recharge.
  - Qs**  
Sanborn formation  
Tan to light-brown silt, locally containing large quantities of sand and loess; includes slope deposits. Generally lies above the water table.
- TERTIARY**
- To**  
Ogallala formation  
Gravel, sand, silt, and clay, predominantly calcareous, partly consolidated; contains beds of caliche and discontinuous capping bed of limestone; includes deposits underlying the higher stream terraces. Yields moderate to large quantities of water to wells.

Approximate surface contact



MAP SHOWING AREAL GEOLOGY OF FRENCHMAN CREEK BASIN



Base map prepared by U. S. Bureau of Reclamation