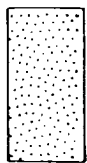
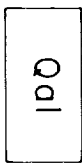


EXPLANATION



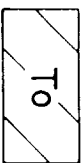
Sand

Thin cover of drift sand in most places; locally dunes 20-40 feet high



Alluvium

Sand and gravel along dry washes; silt and sand in lake beds; includes some wind-deposited sand around depressions



Ogallala formation

Chiefly sand, poorly to well-cemented with calcium carbonate; contains some clay, silt, and gravel; capped in most places by caliche

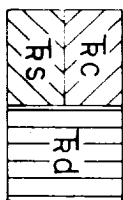
QUATERNARY

TERTIARY

Upper Triassic



*Cretaceous rocks, undifferentiated
Slumped blocks of buff, tan, or white fossiliferous limestone*



Dockum group

*Rc-Chinle formation, red and green claystone, minor siltstone, and fine-grained sandstone;
Rs-Santa Rosa sandstone, red to white poorly sorted, coarse-grained, crossbedded sandstone; Rd-rocks of the Dockum group, undifferentiated*

TRIASSIC

CRETACEOUS

3500

Contours on the red-bed surface

Dashed where approximate or inferred.

Contour interval 50 feet. Datum

mean sea level

20'

R. 36 E.

R. 37 E.

R. 38 E.

R. 39 E.

103°10'