EXPLANATION

QUATERNARY

Pleistocene and Recent

Sand

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

Qal

Alluvium

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

TERTIARY

Pliocene

To

Ogallala formation

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

CRETACEOUS

Ku

Cretaceous rocks, undifferentiated

Slumped blocks of buff, tan, or white fossiliferous limestone

TRIASSIC

Upper Triassic

TRc TRs TRd

Dockum group

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

3500

Contours on the red-bed surface

Dashed where approximate or inferred. Contour interval 50 feet. Datum mean sea level