

MAP SYMBOLS

— Fault
 - - - - - Dashed where approximately located, dotted where concealed, queried where doubtful, U, upthrown side; D, downthrown side. Arrows indicate relative horizontal movement.

— Strike and dip of beds

— Cut shoreline of ancestral lake

○ Domestic, stock, or unused well

⊙ Public-supply, industrial, or irrigation well

⊙ Dry or destroyed well

Letter next to well indicates position in section as shown below:

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

Letter Z indicates the well was plotted from an unverified location description.

— 2250 ——— Water-level contour; dashed where control is poor. Arrows and hachures indicate direction of ground-water movement. Number indicates altitude of water surface above mean sea level. Contour interval 10 feet.

— Border of ground water storage unit

EXPLANATION

UNCONSOLIDATED DEPOSITS

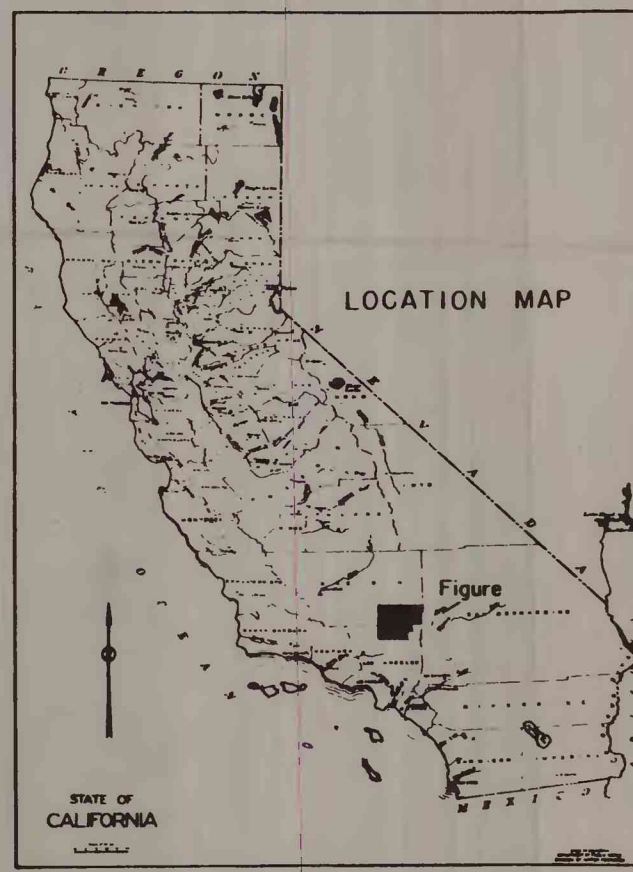
Qya Younger alluvium Gravel, sand, silt, and clay beneath alluvial plains, largely above the water table but where saturated yields water to wells	Qyf Younger fan deposits Poorly sorted gravel, sand, silt, and mudflat debris locally derived, largely above the water table, yield little water to wells	Qp Playa deposits Silt and clay beneath lakebeds, yield water above the water table	Qls Lakeshore deposits Gravel and sand and locally contains perched water	Qds Dune sand Sand, actively drifting, locally contains perched water
Qoa Older alluvium Generally weathered, indurated gravel, sand, silt, and clay, yields water freely to wells	Qof Older fan deposits Moderately to highly indurated boulder gravel, cobbles, pebbles, gravel, and sand, yield little water to wells	Qos Old windblown sand Unconsolidated to moderately indurated sand, largely inactive, locally contains perched water		

CONSOLIDATED ROCKS

Tb Basalt Extrusive amygdaloidal olivine basalt and intrusive diabasic basalt, yields little water to wells. Miocene(?) to Pliocene in age	Tov Felsic volcanic rocks Quartz latite, some andesite, rhyolite, and dacite, yield little water to wells. Miocene(?) to Pliocene in age	Tc Continental sedimentary rocks Conglomerate, sandstone, siltstone, shale, limestone, and water-laid tuff and agglomerate, yield little or no water to wells. Miocene(?) to Pliocene in age
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PRE-TERTIARY

PTu
Basement complex, undifferentiated
Quartz monzonite and some granite, gneiss, schist, metavolcanics, and pegmatite veins, locally deeply weathered, yields a little water from cracks and residuum



MAP OF EDWARDS AIR FORCE BASE AND VICINITY, CALIFORNIA, SHOWING GEOLOGY, LOCATION OF WELLS, GROUND-WATER STORAGE UNITS, AND WATER-LEVEL CONTOURS FOR MARCH 1965

SCALE 1:62,500

CONTOUR INTERVALS 10, 20, 25, 40, 50, 60, and 100 FEET

DATUM IS MEAN SEA LEVEL

Base from U.S. Geological Survey topographic maps, scale 1:62,500, 1960

Geology compiled by L.C. Dutcher 1960, largely after published and unpublished mapping by T.W. Dibblee, Jr., L.C. Dutcher, and W.R. Moyle, Jr. Water-level contours by S.G. Robson