EXPLANATION

UNCONSOLIDATED DEPOSITS

Holocene

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 mudflow debris, locally derived; largely above the water table; yield little water to wells

Qp — Playa deposits
Silt and clay beneath lakebeds; yield almost no water to wells

Qls — Lakeshore deposits
Gravel and sand with some silt and clay; above the water table

Qds — Dune sand
Sand, actively drifting; locally contains perched water

Pleistocene

Qo — Older alluvium
Generally weathered arkosic gravel, sand, silt, and clay; yields water freely to wells

Qof — Older fan deposits
Moderately to highly indurated boulder gravel, cobble-pebble gravel, and sand; yield little water to wells

Qos — Old windblown sand
Unconsolidated to moderately indurated sand; largely inactive; locally contains perched water

QUATERNARY

CONSOLIDATED ROCKS

Miocene(?) and Pliocene

Tb — Basalt
Extrusive amygdaloidal olivine basalt and intrusive diabasic basalt; yields little water to wells

Tv — Volcanic rocks
Felsic rocks with some andesite and dacite; yield little water to wells

Tc — Continental sedimentary rocks
Conglomerate, sandstone, siltstone, shale, limestone, and water-laid tuff and agglomerate; yield little or no water to wells

TERTIARY

pTb — Basement complex
Undifferentiated quartz monzonite and some granite, gneiss, schist, metavolcanics, and pegmatite dikes; locally deeply weathered; yields a little water from cracks and residuum

PRE-TERTIARY

MAP SYMBOLS

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

Cut shoreline of ancestral lake

Boundary of base

Domestic, stock, or unused well

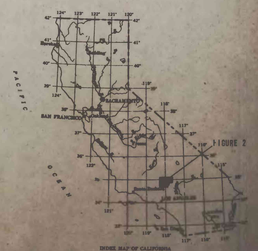
Public-supply, industrial, or irrigation well. Letters and numbers in parentheses are USAF supply-well numbers

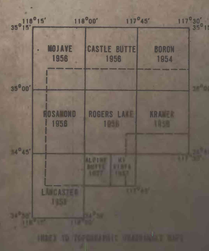
Dry or destroyed well

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





MAP OF EDWARDS AIR FORCE BASE AND VICINITY, CALIFORNIA

SHOWING GEOLOGY AND LOCATION OF SELECTED WELLS

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