

GEOLOGIC MAP OF THE YUCAIPA QUADRANGLE, CALIFORNIA

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Geology by
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YUCAIPA QUADRANGLE
CALIFORNIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 REDLANDS 15' QUADRANGLE
1:250,000 FEET (5)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

Qrs
Qa Qf Qls
Surficial
sediments
Qrs, river sand
and gravel
Qa, alluvium
Qf, alluvial
fan gravel
Qls, landslide
rubble

Qoa Qof
Older surficial
sediments
Qoa, older
alluvium
(sand, gravel
and clay)
Qof, older
alluvial
fan gravel
UNCONFORMITY

Tp
Tpe Tps
Potato
Formation
(terrestrial
sedim. rocks)
Tp, buff
sandstone &
gray shale
Tpe, red ark.
conglomerate
& sandstone
Tps, gray con-
glomerate of
Pelona Schist
UNCONFORMITY

f
Felsitic to
porphyritic
dikes

gr
Granitic rock
(qtz. monzonite)

gmp
Porphyritic
quartz
monzonite

grd
Granodiorite
to biotite-rich
quartz diorite

hd
Hornblende
diorite or
gabbro

gn
Granitic
gneiss and
biotite-rich
gneiss

my
Mylonite,
mylonitic
gneiss &
mylonitic
schist

sc
Pelona
Schist

Contact
(shown dashed
where
gradational
or approxi-
mated)

Fault
shown dashed
where uncertain
dotted where
concealed

30
Strike and
dip of bedding

⊕
Bedding
horizontal

30
Strike and
dip of
foliation

Strike of
vertical
foliation



Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and USCE

Topography from aerial photographs by multiplex methods

and by plane-table surveys 1939

Aerial photographs taken 1952. Field check 1954

Polyconic projection. 1927 North American datum

10,000-foot grids based on California coordinate system, zones 5 and 6

Red tint indicates areas in which only landmark buildings are shown

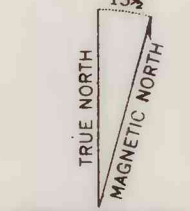
Dashed laid lines indicate approximate locations

1000-meter Universal Transverse Mercator grid ticks,

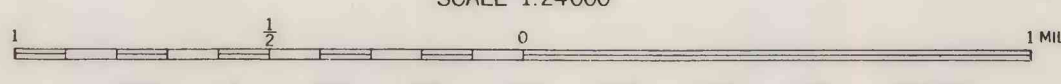
zone 11, shown in blue

This map is preliminary

subject to corrections



SCALE 1:24,000



CONTOUR INTERVAL 40 FEET

DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

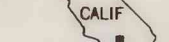
ROAD CLASSIFICATION

Heavy duty ——— Light duty ———

Medium-duty ——— Unimproved dirt ———

U. S. Route ——— State Route ———

QUADRANGLE LOCATION



YUCAIPA, CALIF.

SE/4 REDLANDS 15' QUADRANGLE

N 3400—W 11700/7.5

1954

U. S. GEOLOGICAL SURVEY

OPEN-FILE MAP AUGUST 20 1968