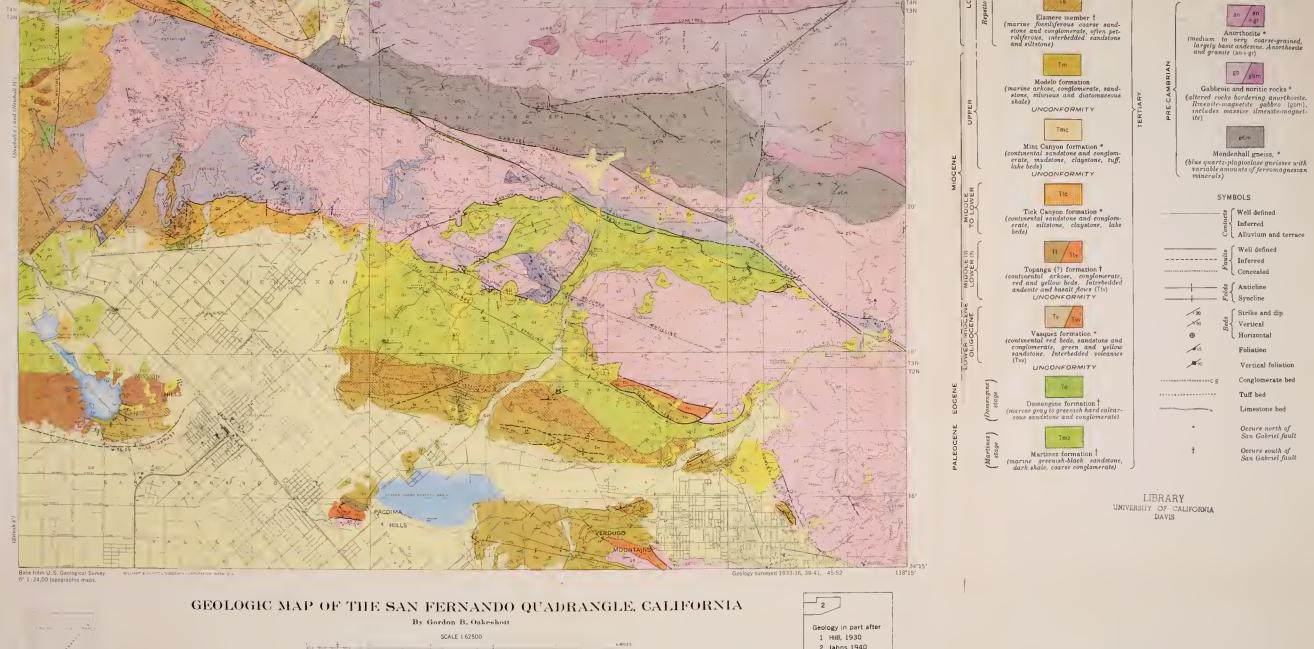
STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES R14W R13W (Red Rover 6) LETIN :72 PLATE 1 DIVISION OF MINES OLAF P. JENKINS, CHIEF (Bouquet Reservoir 6') (San Francisquito 6') LEGEND SEDIMENTARY AND VOLCANIC ROCKS INTRUSIVE AND METAMORPHIC ROCKS Qal grp Alluvium Pegmatite (chiefly alkali granite pegmatites) Ql's-Landalide Granite\*
(buff to pink; includes some quartz
monzonite. Pegmatoid and gneissoid facies. Inclusions of older
rocks) Terrace deposits
(fanglomerate and terrace gravels) UNCONFORMITY (includes some quartz diorite and quartz monzonite; also pink Pacoima formation (dark brown breecia and fanglom-erate, locally folded) MAJOR UNCONFORMITY Syenite \* (dark, red-weathering augite and quartz-augite syenite. High in pink Saugus formation (continental light-colored conglome-rate and sandstone) microperthite) LOCAL UNCONFORMITY Hornblende diorite \* (dark, brown-weathering; high in white andesine, minor pink microcline; probably facies of the specific Sunshine Ranch member (continental and brackish-water greenish sandstone, mudstone, consyenite) glomerate, red beds and thin line-stone beds (Is) Diorite gneiss (dark gneisses; includes some biotite schist. Where injected by granodior-ite (dgn+gd); including Placerita Upper Pico member (marine sandstone and mudstone, formation rocks (dgn+gd+pi). Hornconglomerate; fossiliferous) blende-rich facies (h) Lower Pico member (marine conglomerate, sandstone, siltstone, fossiliferous calcareous sandstone) Placerita formation † (graphite, sillimanite, biotite schists; quartzite. Limestone, dolomite (pl) Repetto formation (undifferentiated) (marine siltstone and mudstone, ark-Pelona schist \* (chlorite and actinolite schists, quartose, sandstone and conglomerate) zite. Many quartz veinlets) Elsmere member † (marine fossiliferous coarse sand-stone and conglomerate, often pet-roliferous; interbedded sandstone and siltstone) Anorthosite \* (medium to very coarse-grained, largely basic andesine. Anorthosite and granite (an+gr) Modelo formation
(marine arkose, conglomerate, sandstone, silicious and diatomaceous Gabbroic and noritic rocks \* (altered rocks bordering anorthosite. Ilmenite-magnetite gabbro (gbm), includes massive ilmenite-magnetshale) UNCONFORMITY





By Gordon B. Oakeshott

SCALE 162500

Contour interval 200 feet

Contours from 1 : 24000 maps

