

SYMBOLS

Contact
shown dashed where
gradational or approxi-
mately located, and be-
tween members of for-
mations

Fault
shown dashed where in-
ferred; dotted where con-
cealed; U - upthrown
side, D - downthrown
side, relatively

Axis of syncline
arrow on axis indicates
direction of plunge

Strike and dip
of bedding, numbers in-
dicate amount of dip in
degrees

Sandstone

Conglomerate

Carbonate bed
(1/3 to 1m thick)

PERTINENT REFERENCES

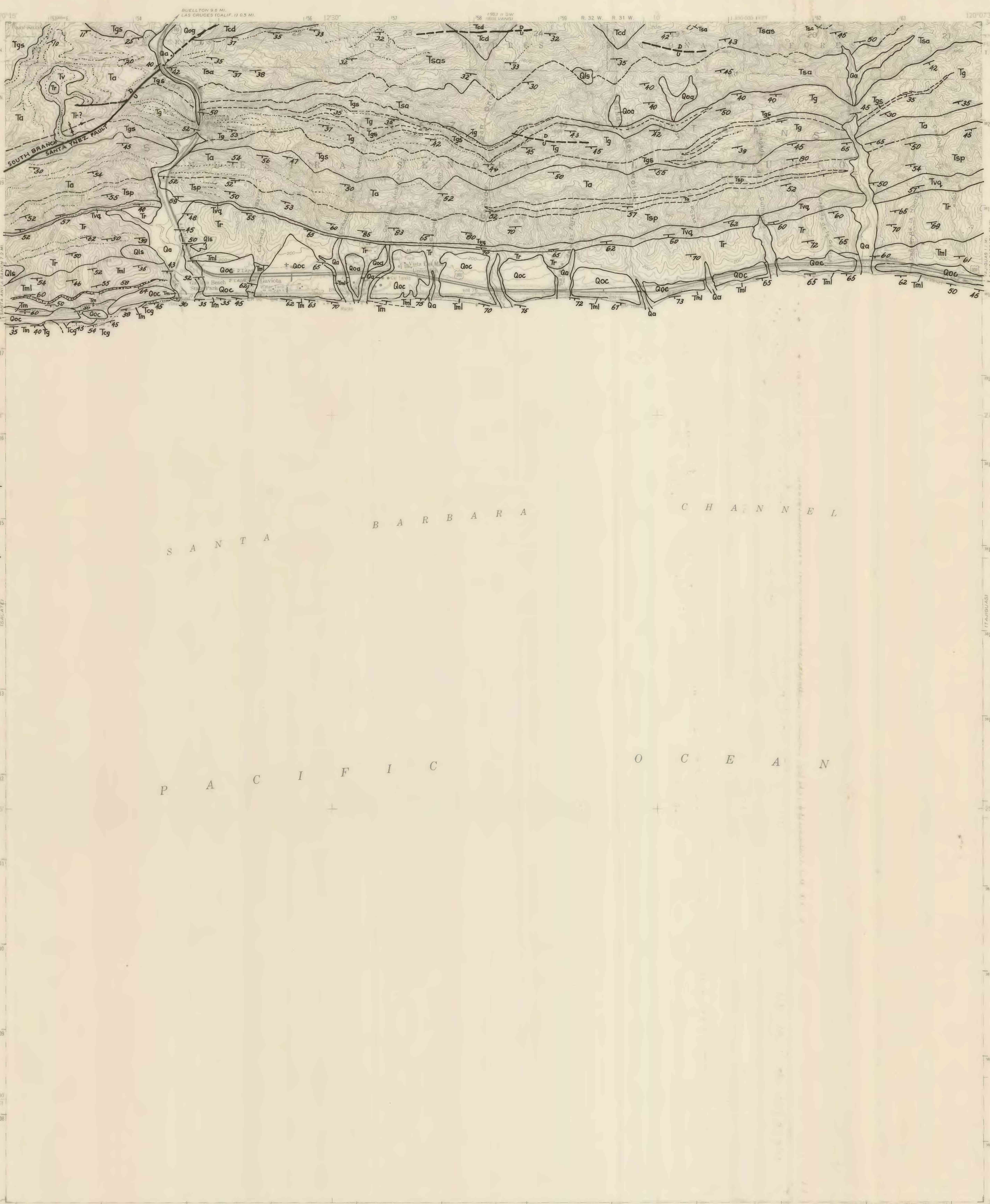
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Wilson, E. J., 1954. Foraminifera from the Gaviota Formation east of Gaviota Creek, California: Univ. Calif. pub. Geol. Sci. v.30, no.2, pp. 103-107

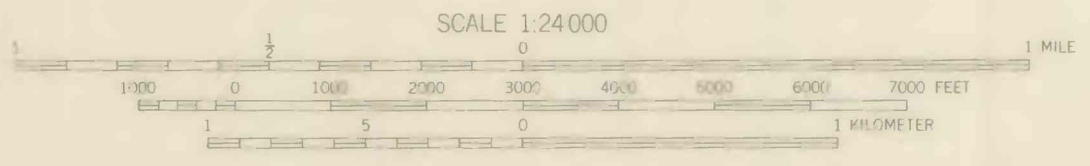
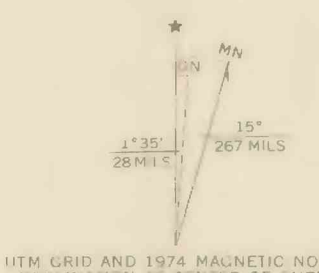
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EXPLANATION

- Qa Alluvium
- Qls Landslide debris
- UNCONFORMITY
- Qog Qoc Older, dissected alluvium
- UNCONFORMITY
- Tsq Siquoc Formation marine mudstone (offshore)
- Tcg Conglomerate Monterey shale detritus with tar sand
- Tm Monterey Shale marine siliceous shale
- Tml Monterey shale detritus with tar sand
- Tr Rincon Shale marine mudstone; Saucian and up. Zemorrian ages
- Tvq Vaqueros Sandstone marine; Zemorrian age
- Tsp Sespe Formation nonmarine sandstone and red to green clay
- Ta Alegria Formation marine sandstone and shale; Refugian age
- Tg Tgs Gaviota Formation marine sandstone and shale; Refugian age
- Tsa Tsas Sacate Formation marine; Narizian age
- Tcd Cozy Dell Shale marine; Narizian age



Base from U.S. Geological Survey, Gaviota, 1974



CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
SPORADIC STORM RUNOFFS REPRESENT THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE ANGLE OF TIDE IS APPROXIMATELY 4 DEGREES

Geology mapped by
T. W. Dibblee Jr., 1938, 1953
Drafted by E. J. Wiedmann, 1979

GEOLOGIC MAP OF THE GAVIOTA QUADRANGLE, CALIFORNIA

By Thomas W. Dibblee Jr.

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.