

81-372

EXPLANATION

SYMBOLS

Contact
shown dashed where gradational or approximately located; shown dashed between members of formations

Fault
shown dashed where inferred; dotted where concealed; U - upthrown side; D - down-thrown side, relatively; arrow indicates observed dip of fault plane; parallel arrows indicate probable strike-slip

Anticline Syncline
Axis of fold arrow on axis indicates direction of plunge

↓ inclined
X vertical
X overthrust

Strike and dip of bedding numbers indicate amount of dip in degrees

Direction of landslide movement

Sandstone bed
Conglomerate bed
Sandy algal limestone

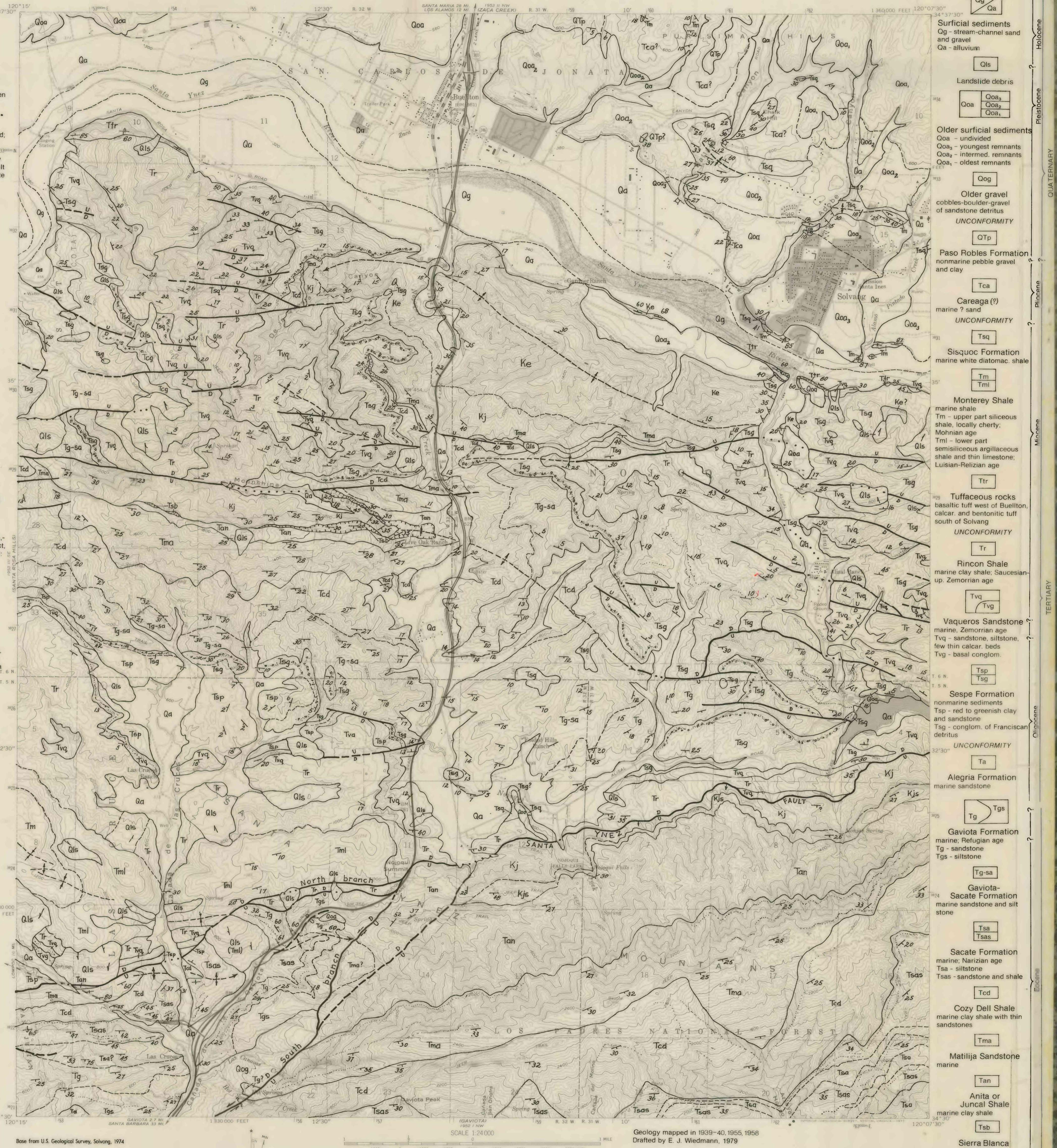
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GEOLOGIC MAP OF THE SOLVANG QUADRANGLE, CALIFORNIA

By Thomas W. Dibblee, Jr.

1981

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

Ke
Espada Formation
marine shale and thin sandstone

Lower

Jalamo Formation
marine
Kjs - sandstone
Kj - shale

Upper



CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

SCALE 1:24,000
0 1000 2000 3000 4000 5000 6000 7000 FEET
1 1000 2000 3000 4000 5000 6000 7000 METER
1 1000 2000 3000 4000 5000 6000 7000 MILS
1 1000 2000 3000 4000 5000 6000 7000 KM

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

HFM GRID AND 1974 MAGNETIC NORTH
ELEVATION BY CENTER OF SHEET

Geology mapped in 1939-40, 1955, 1958
Drafted by E. J. Wiedmann, 1979