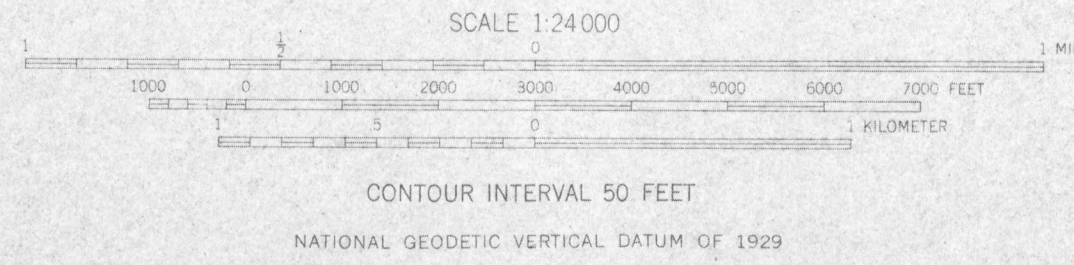
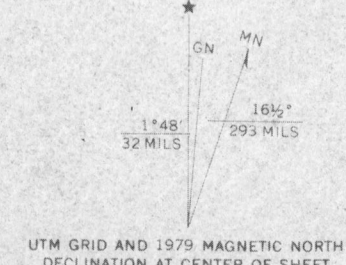


2009 IV
LAKE ELEANOR
1:62,500



- JURASSIC PHYLLITE AND GREENSCHIST**
- S₁ - DOMINANT PHYLLITIC CLEAVAGE AND LITHOLOGIC LAYERING
- THE CALAVERAS COMPLEX**
- S₀ = BEDDING
 - S₂ = FLATTENING FOLIATION F₁ FOLD AXIS
 - S₃ = SLIP CLEAVAGE F₂ FOLD AXIS
- THE SHOO FLY COMPLEX**
- S₁, S₂ = PRE-THRUST SCHISTOSITY F₁ OR F₂ AXIS
 - S₃ = CALAVERAS-SHOO FLY THRUST FOLIATION F₃ AXIS
 - S₄ = SLIP CLEAVAGE F₄ AXIS
 - YOUNGER OBUCTION CLEAVAGE S₅, S₆, S₇
 - AXIAL SURFACES OF FOLDS F₁, F₂, F₃, ETC.
 - SYMBOLS CAN BE MIXED POINT OF INTERSECTION IS OBSERVATION POINT
 - AREAS OF MORE OR LESS CONTINUOUS EXPOSURE OF BEDROCK
- LEGEND**
- gr GRANITIC ROCKS
 - gb GABBROIC ROCKS
 - Jp JURASSIC PHYLLITE AND GREENSCHIST
 - Pzu UPPER PALEOZOIC-LOWER MESOZOIC(?) CALAVERAS COMPLEX
 - Pzl LOWER PALEOZOIC SHOO FLY COMPLEX
- THrust Faults**
- CALAVERAS-SHOO FLY THRUST
 - INFERRED
 - UNNAMED THRUST
 - OVERTURNED
 - LITHOLOGIC CONTACT
 - INFERRED
- SOME LITHOLOGIC CONTACTS AND SOME GRANITE CONTACTS FROM G.E. BOWEN, 1969.

Maped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA
Topography from aerial photographs by multiplex methods
Aerial photographs taken, 1945. Field check, 1947
Polyconic projection, 1927 North American datum
10,000-foot grid based on California coordinate system,
zone 3
1000-meter Universal Transverse Mercator grid ticks,
zone 10, shown in blue
To place on the predicted North American Datum 1983
move the projection lines 11 meters north and
88 meters east as shown by dashed corner ticks
There may be private inholdings within the boundaries of
the National or State reservations shown on this map



Geology by Charles Merguerian
Assisted by S. K. Logan (1981)

ROAD CLASSIFICATION
Light-duty
Unimproved dirt
State Route



JAWBONE RIDGE, CALIF.
N3745-W12000/7.5

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple compiled by the U.S. Forest Service
from aerial photographs taken 1973 and other source data
This information not field checked. Map edited by the
Geological Survey 1979

1947
PHOTOREVISED 1979
DMA 1959 I SE-SERIES V895

1989 NW
TREVILLE

2009 IV
LAKE ELEANOR
1:62,500