

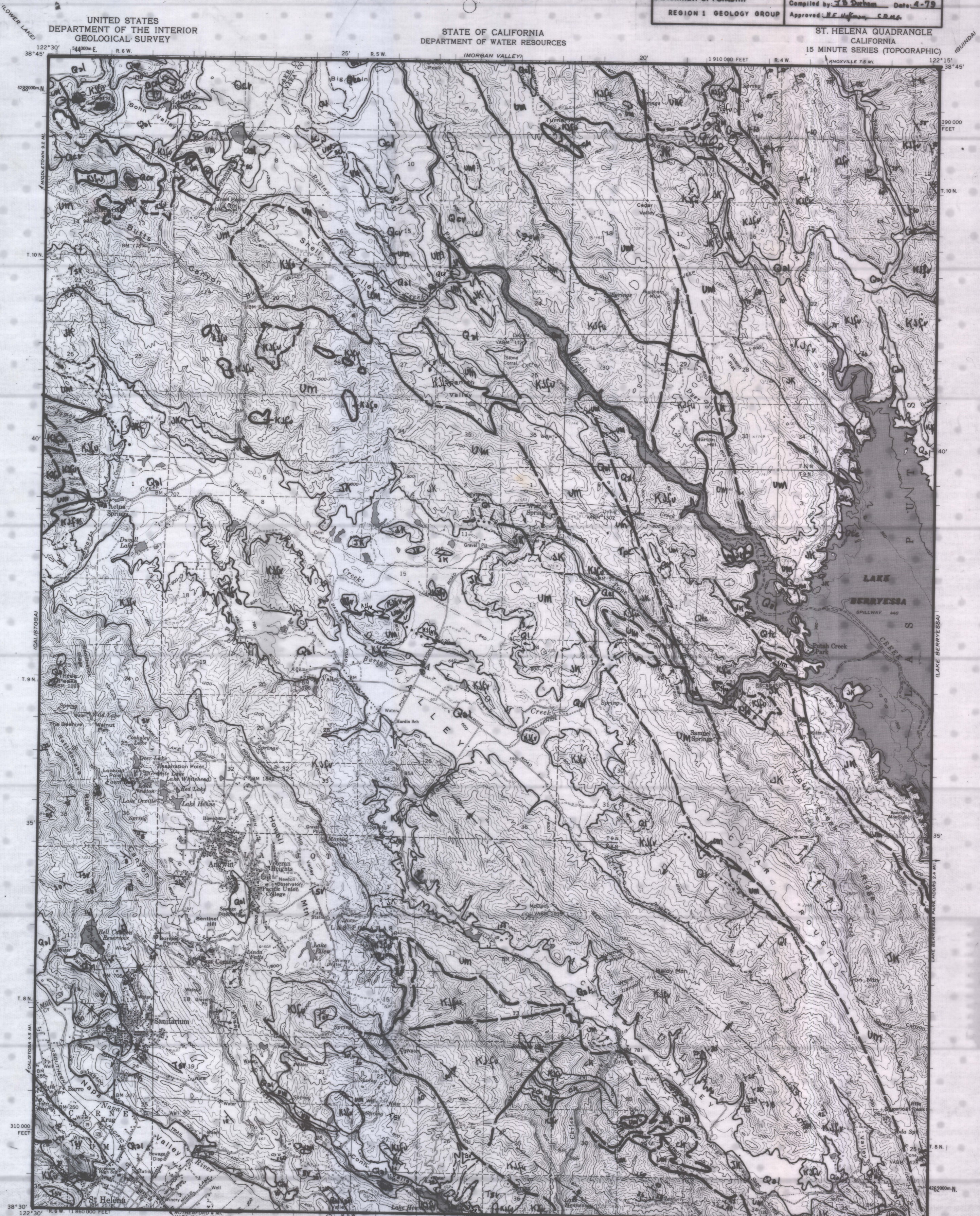
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
(MORGAN VALLEY)

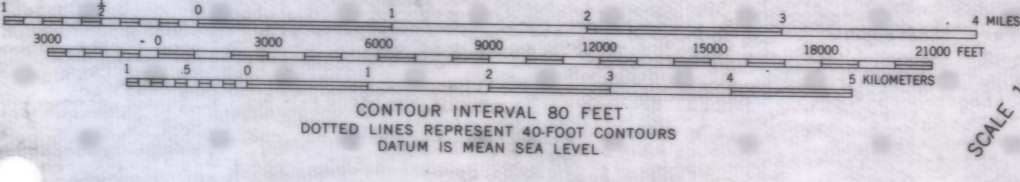
STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF FORESTRY
REGION 1 GEOLOGY GROUP

GEOLOGIC MAP
ST. HELENA
QUADRANGLE
Compiled by J. S. Durbin Date 4-79
Approved H. E. Hoffman, C.R.M.

ST. HELENA QUADRANGLE
CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE
Compiled in 1961 from 1:24 000-scale maps of Walter Springs,
Acton Springs, St. Helena, and Chiles Valley 7.5 minute
quadrangles surveyed 1958, 1959, and 1960
Topography from aerial photographs by photogrammetric methods
with underwater contours by U. S. Bureau of Reclamation
Aerial photographs taken 1957
Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 2
1000-meter Universal Transverse Mercator grid ticks,
zone 10, shown in blue
Red tint indicates area in which only landmark buildings are shown
Dashed land lines indicate approximate locations
Land lines omitted in parts of T. 8 and 9 N.—R. 4 W.
because of insufficient data



ROAD CLASSIFICATION
Medium-duty Light-duty
Unimproved dirt
State Route



This area also covered by 1:24 000-scale maps of
Walter Springs 1958, Acton Springs 1958, St. Helena 1960,
and Chiles Valley 1958 7.5 minute quadrangles
ST. HELENA, CALIF.
N3830-W12215/15
1960

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