UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

WHISPERING PINES QUADRANGLE
CALIFORNIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 LOWER LAKE 15' QUADRANGLE

1461 IV NE (KELSEYVILLE)
1461 I NE (LOWER LAKE)
1461 I NW (CLEARLAKE HIGHLANDS)
1461 IV SE (THE GEYSERS)
1461 I SE (MIDDLETOWN)
1461 III NE (JIMTOWN)
1461 II NW (MOUNT ST. HELENA)
1461 II NE (DETERT RESERVOIR)

122°45′ 38°52′30″ 522000m E. 1 820 000 FEET 122°37′30″ 38°52′30″
4302000m N. 4301 T. 12 N. 4300 4299 T. 11 N. 4298 50′ 4297 4296 4295 4294 4293 4292 4291 4291000m N. 47′30″ 4289 38°45′
400 000 FEET
T. 11 N. T. 10 N.
R. 8 W. R. 7 W.
42′30″ 40′
522 523 524 525 526 529 530 531 532
1 790 000 FEET
531000m E.

LAKEPORT 20 MI.
KELSEYVILLE 12 MI.
LOWER LAKE 6.1 MI.
CLEARLAKE OAKS 15 MI.
KELSEYVILLE 11 MI.
MIDDLETOWN 10 MI.
CALISTOGA 26 MI.
MIDDLETOWN 0.6 MI.
CALISTOGA 17 MI.
LAKE CO
SONOMA CO

Seigler Mtn
VABM 3692
Ben Lomond Radio Tower
Seigler Springs
BM 2476
Perini Hill
HOBERGS AIRPORT
Seigler Valley
Snows Lake
Loch Lomond
BM 2806
Bonanza Springs
BM 2810
BM 2793
Howard Springs
Adams
Ettawa Springs
Grouse Spring
Hobergs
BM Water 3026
BM 2894
BM 2375
Cobb Valley Sch
Pine Grove
Nutmeg Spring
Cobb
Golf Course
Houghton Water
Water
Jones Water
Forest Lake
Gravel Pit
Whispering Pines
Cobb Mtn
Ford Flat
BM 2243
BM 2018
Harbin Springs Annex
Harbin Springs
Harbin Mtn
Anderson Springs
Water
Hot Spring
Castle Rock Springs
Big Chief Mine
BM 3202
BM 3066
Divide VABM 3439
Wardlow Rock
Thorne Mine
Big Injun Mine
BM 1610
BM 1752
BM 1287
BM 1201
BM 1129
Lincoln Rock
BM 2428
Sugarloaf
Harbin Springs
Childers Peak
BM 1505

Creek
Canyon
Valley
Ridge
Flat
Spring
Trail
Road
Golf Course
Cutoff
Fire Road
Jeep Trail
Mine Road
Ford Flat Road
Harrington Flat Road
Sulphur Creek Rd
Landing Strip
Perini Road
Howard Canyon Road
Socrates Mine Road
Dry Creek Cutoff
Harbin Springs Road

BOGGS MTN STATE FOREST
MAYACMAS MOUNTAINS
COLLAYOMI VALLEY

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1957. Advance field check 1958

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
To place on the predicted North American Datum 1983
move the projection lines 17 meters north and
95 meters east as shown by dashed corner ticks
Where omitted, land lines have not been established

There may be private inholdings within the boundaries of
the National or State reservations shown on this map

UTM GRID AND 1958 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET
GN MN 0°50′ 15 MILS 18° 320 MILS

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

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

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

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

QUADRANGLE LOCATION
CALIF
Map photoinspected 1975
No major culture or drainage changes observed

WHISPERING PINES, CALIF.
SW/4 LOWER LAKE 15' QUADRANGLE
N3845—W12237.5/7.5

1958
PHOTOINSPECTED 1975
DMA 1461 I SW—SERIES V895

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