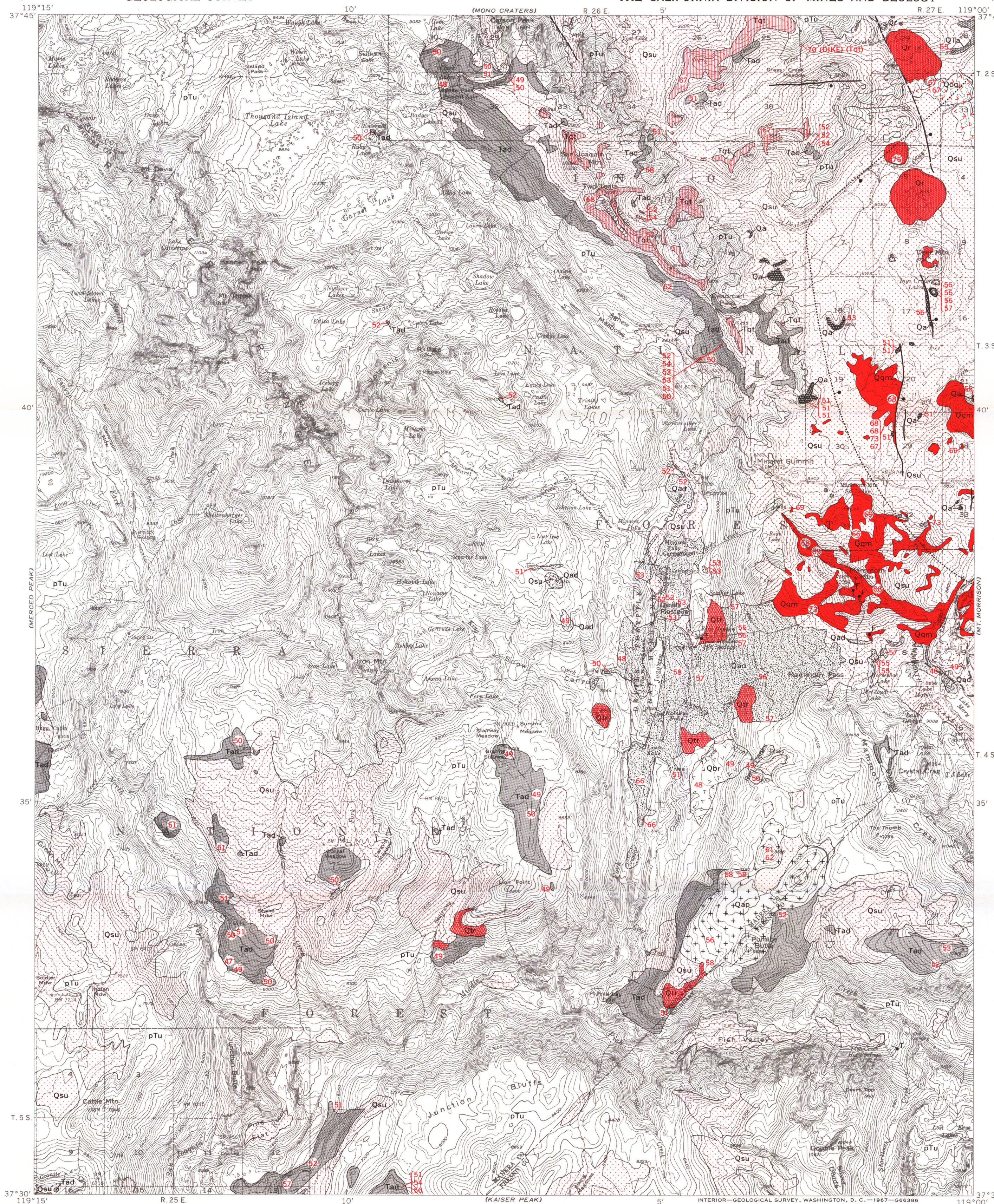
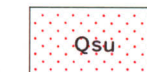




EXPLANATION

SURFICIAL DEPOSITS

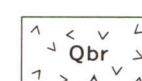


Surficial deposits undivided
Include alluvial, colluvial, and glacial deposits,
and pumice that covers extensive areas east of
Mammoth Mountain-San Joaquin Mountain
ridge. Omitted from most of northwest
quadrant of map

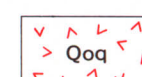
VOLCANIC ROCKS



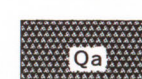
Rhyolite



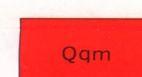
Basalt of the Red Cones



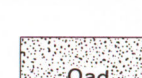
Olivine-bearing quartz latite



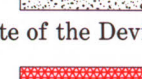
Andesite
In Dry Creek area



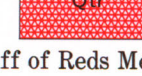
Quartz latite of Mammoth Mountain



Andesite of Pumice Butte
Age relationship uncertain



Andesite of the Devils Postpile



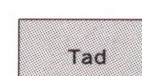
Tuff of Reds Meadow
Rhyolite ash-flow tuff, in part welded



Andesite
In Deadman-Glass Creeks area.
Age relationship uncertain

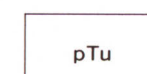


Quartz latite of Two Teats

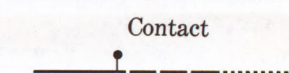


Andesite of Deadman Pass
Includes scattered remnants on Broad
Valley erosion surface of Matthes
(1960)

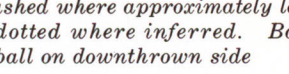
IGNEOUS AND METAMORPHIC ROCKS



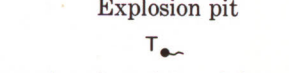
Igneous and metamorphic rocks undivided
Predominantly of Mesozoic age



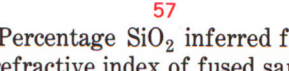
Contact



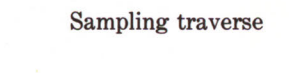
Fault



Explosion pit



Thermal springs (T) and fumaroles (F)



Percentage SiO₂ inferred from
refractive index of fused sample



Sampling traverse

Base by U.S. Geological Survey, 1953

Geology by N. King Huber and C. Dean Rinehart,
1956-59; assisted by R. V. Sharp, 1956

GEOLOGIC MAP SHOWING CENOZOIC VOLCANIC ROCKS OF THE DEVILS POSTPILE QUADRANGLE
SIERRA NEVADA, CALIFORNIA

SCALE 1:62 500

