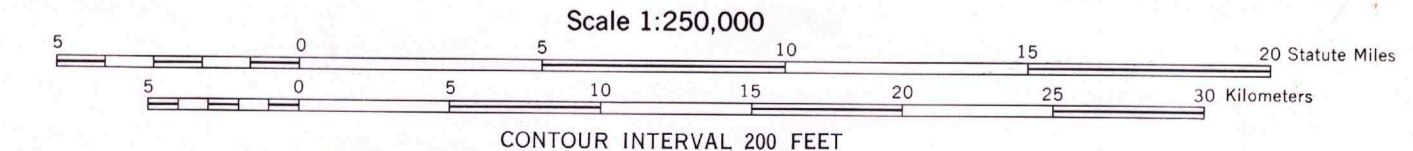
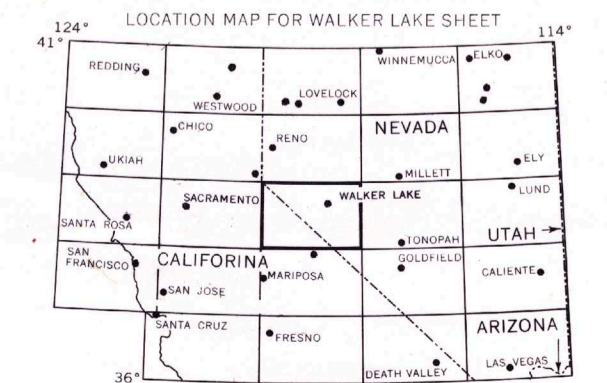


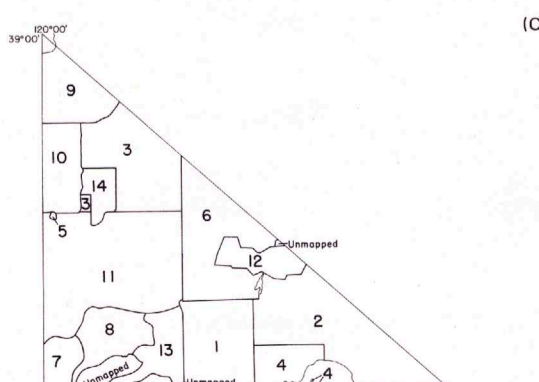
SEDIMENTARY AND METASEDIMENTARY ROCKS		IGNEOUS AND META-IGNEOUS ROCKS	
Qs	Dune sand	Qv	Recent volcanic: Qv <sup>r</sup> - rhyolite; Qv <sup>a</sup> - andesite; Qv <sup>b</sup> - basalt; Qv <sup>p</sup> - pyroclastic rocks
Qal	Alluvium		
Qsc	Stream channel deposits		
Qf	Fan deposits		
Qb	Basin deposits		
Qsd	Salt deposits		
Ql	Quaternary lake deposits		
Qg	Glacial deposits		
Qnt	Quaternary nonmarine terrace deposits		
Qm	Pleistocene marine and marine terrace deposits	Qm <sup>v</sup>	Pleistocene volcanic: Qm <sup>v</sup> - rhyolite; Qm <sup>a</sup> - andesite; Qm <sup>b</sup> - basalt; Qm <sup>p</sup> - pyroclastic rocks
Qn	Pleistocene nonmarine		
Qp	Plio-Pleistocene nonmarine		Quaternary and/or Pliocene cinder cones
U	Undivided Pliocene nonmarine		
Uu	Upper Pliocene nonmarine		
Um	Upper Pliocene marine	Uv	Pliocene volcanic: Uv <sup>r</sup> - rhyolite; Uv <sup>a</sup> - andesite; Uv <sup>b</sup> - basalt; Uv <sup>p</sup> - pyroclastic rocks
M	Middle and/or lower Pliocene nonmarine		
Mm	Middle and/or lower Pliocene marine		
Uu	Undivided Miocene nonmarine		
Um	Upper Miocene nonmarine		
Mm	Upper Miocene marine	Mv	Miocene volcanic: Mv <sup>r</sup> - rhyolite; Mv <sup>a</sup> - andesite; Mv <sup>b</sup> - basalt; Mv <sup>p</sup> - pyroclastic rocks
Mm	Middle Miocene nonmarine		
Mm	Middle Miocene marine		
Lm	Lower Miocene marine		
O	Oligocene nonmarine	Ov	Oligocene volcanic: Ov <sup>r</sup> - rhyolite; Ov <sup>a</sup> - andesite; Ov <sup>b</sup> - basalt; Ov <sup>p</sup> - pyroclastic rocks
Om	Oligocene marine		
E	Eocene nonmarine	E <sup>v</sup>	Eocene volcanic: E <sup>v</sup> - rhyolite; E <sup>a</sup> - andesite; E <sup>b</sup> - basalt; E <sup>p</sup> - pyroclastic rocks
Em	Eocene marine		
P	Paleocene nonmarine		
Pm	Paleocene marine		
Cn	Cenozoic nonmarine	Cv	Cenozoic volcanic: Cv <sup>r</sup> - rhyolite; Cv <sup>a</sup> - andesite; Cv <sup>b</sup> - basalt; Cv <sup>p</sup> - pyroclastic rocks
Tn	Tertiary nonmarine	T <sup>v</sup>	Tertiary volcanic: T <sup>v</sup> - rhyolite; T <sup>a</sup> - andesite; T <sup>b</sup> - basalt; T <sup>p</sup> - pyroclastic rocks
Tl	Tertiary lake deposits		
Tm	Tertiary marine		
Uc	Undivided Cretaceous marine		
Ucm	Upper Cretaceous marine	Kv	Franciscan volcanic and metavolcanic rocks
Lc	Lower Cretaceous marine	G	Mesozoic granitic rocks: G <sup>a</sup> - granite and andesite; G <sup>g</sup> - granodiorite; G <sup>t</sup> - tonalite and diorite
K	Knoxville Formation	Mi	Mesozoic basic intrusive rocks
J	Upper Jurassic marine	U	Mesozoic ultrabasic intrusive rocks
Jl	Middle and/or Lower Jurassic marine	M	Jura-Trias metavolcanic rocks
T	Triassic marine	Pr	Pre-Cretaceous metavolcanic rocks
Pr	Pre-Cretaceous metamorphic rocks (ls = limestone or dolomite)	Pg	Pre-Cretaceous granitic and metamorphic rocks
Pr	Pre-Cretaceous metasedimentary rocks	Pm	Paleozoic metavolcanic rocks
P	Paleozoic marine (ls = limestone or dolomite)	Pv	Permian metavolcanic rocks
P	Permian marine	Cv	Carboniferous metavolcanic rocks
C	Undivided Carboniferous marine		
Pp	Pennsylvanian marine		
M	Mississippian marine		
D	Devonian marine	Dv	Devonian metavolcanic rocks
S	Silurian marine	Dv	Devonian and pre-Devonian and Devonian metavolcanic rocks
Pr	Pre-Silurian meta-sedimentary rocks	Pr	Pre-Silurian metamorphic rocks
Pr	Pre-Silurian metamorphic rocks	Pr	Pre-Silurian metavolcanic rocks
C	Cambrian marine		
C	Cambrian - Precambrian marine		
U	Undivided Precambrian metamorphic rocks	U	Undivided Precambrian granitic rocks
U	Late Precambrian sedimentary and metamorphic rocks		
U	Earlier Precambrian metamorphic rocks		

TOPOGRAPHIC BASE MAP  
Prepared by the Army Map Service (HCLD, Corps of Engineers, U.S. Army, Washington, D.C.) compiled in 1959 by photogrammetric methods and from United States Quadrangles, 1:25,000, 1:48,000, 1:62,500, U.S. Geological Survey and AMS, 1954-56. Planimetric detail revised by photo-planimetric methods. Horizontal and vertical control by USGS, USC&GS and CE. Photography field annotated 1957.  
Corrections and additions to culture by California Division of Mines and Geology, 1963.  
Land Net prepared by U.S. Geological Survey.  
Depth contours in Lake Tahoe in feet - compiled from soundings shown on U.S. Coast and Geodetic Survey Chart 6001

Contact  
(Dashed where approximately located, gradational or inferred)  
Fault  
(Dashed where approximately located, gradational or inferred)



CONTOUR INTERVAL 200 FEET  
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS  
**GEOLOGIC MAP OF CALIFORNIA**  
OLAF P. JENKINS EDITION  
**WALKER LAKE SHEET**  
COMPILATION BY JAMES B. KOENIG, 1963



- INDEX TO GEOLOGIC MAPPING  
(COMPLETE INDEX ON EXPLANATORY DATA SHEET)
1. Chesterman, C. W., unpublished
  2. Chesterman, C. W. and Gray, C. H., Jr., unpublished
  3. Fredericks, F., unpublished
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  8. Gillett, F. L., unpublished
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  13. Curtis, G. H., unpublished
  14. Lingren, W., 1913
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  17. Ransome, F. L., 1898
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  19. Johnson, R. F., unpublished
  20. Wahlgattig, C., unpublished
  21. Wilshire, H. G., unpublished and 1957

HEAVY BORDER ON BOXES INDICATES UNITS THAT APPEAR ON THIS SHEET