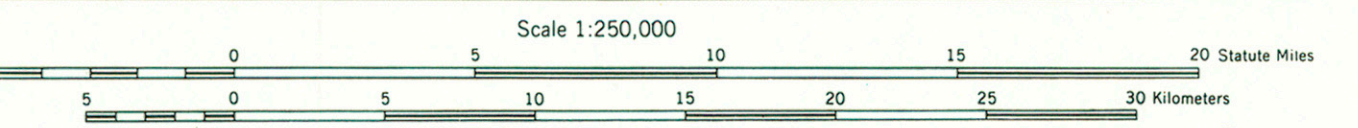
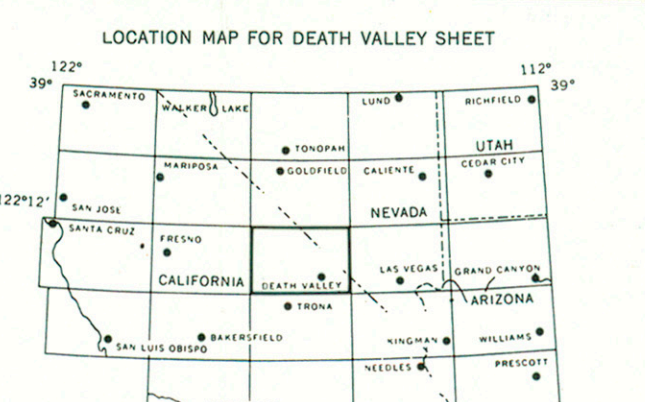
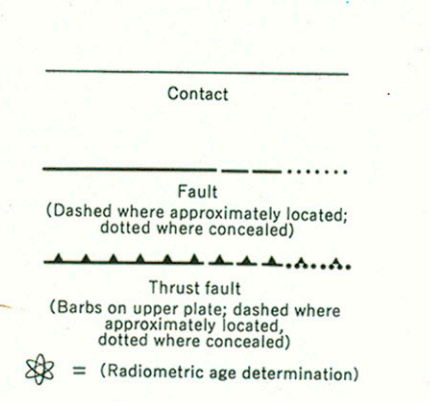


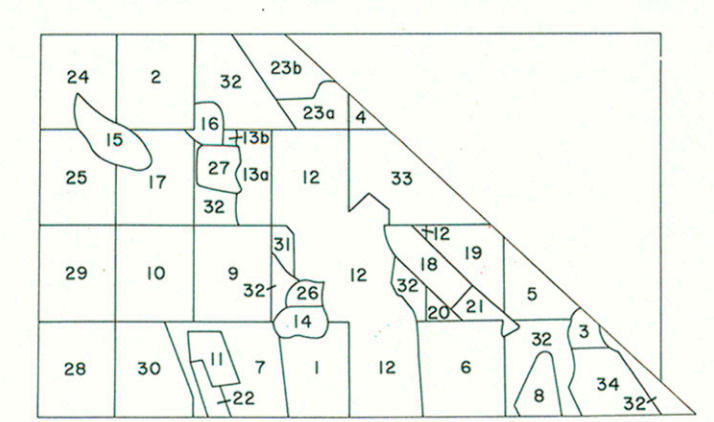
SEDIMENTARY AND METASEDIMENTARY ROCKS		IGNEOUS AND META-IGNEOUS ROCKS	
Qa	Dune sand	Qv	Recent volcanic: Qv <sup>r</sup> -rhyolite; Qv <sup>a</sup> -andesite; Qv <sup>b</sup> -basalt; Qv <sup>p</sup> -pyroclastic rocks
Qal	Alluvium		
Qsc	Stream channel deposits		
Qf	Fan deposits		
Qb	Basin deposits		
Qst	Salt deposits		
Ql	Quaternary lake deposits		
Qg	Glacial deposits		
Qnt	Quaternary nonmarine terrace deposits		
Qm	Pleistocene marine and marine terrace deposits	Qv <sup>p</sup>	Pleistocene volcanic: Qv <sup>p</sup> -rhyolite; Qv <sup>a</sup> -andesite; Qv <sup>b</sup> -basalt; Qv <sup>p</sup> -pyroclastic rocks
Qc	Pleistocene nonmarine		
Qp	Plio-Pleistocene nonmarine		
Qn	Undivided Pliocene nonmarine		
Qm	Upper Pliocene nonmarine		
Qv	Upper Pliocene marine		
Qm	Middle and/or lower Pliocene nonmarine		
Qm	Middle and/or lower Pliocene marine		
Qm	Undivided Miocene nonmarine		
Qm	Upper Miocene nonmarine		
Qm	Middle Miocene nonmarine		
Qm	Middle Miocene marine		
Qm	Lower Miocene marine		
Qm	Oligocene nonmarine		
Qm	Oligocene marine		
Qm	Eocene nonmarine		
Qm	Eocene marine		
Qm	Paleocene nonmarine		
Qm	Paleocene marine		
Qm	Cenozoic nonmarine		
Qm	Tertiary nonmarine		
Qm	Tertiary lake deposits		
Qm	Tertiary marine		
Qm	Undivided Cretaceous marine		
Qm	Upper Cretaceous marine		
Qm	Lower Cretaceous marine		
Qm	Knoxville Formation		
Qm	Upper Jurassic marine		
Qm	Middle and/or Lower Jurassic marine		
Qm	Triassic marine		
Qm	Pre-Cretaceous metamorphic rocks (ls = limestone or dolomite)		
Qm	Pre-Cretaceous metasedimentary rocks		
Qm	Paleozoic marine (ls = limestone or dolomite)		
Qm	Permian marine		
Qm	Undivided Carboniferous marine		
Qm	Pennsylvanian marine		
Qm	Mississippian marine		
Qm	Devonian marine		
Qm	Silurian marine		
Qm	Pre-Silurian metasedimentary rocks		
Qm	Ordovician marine		
Qm	Cambrian marine		
Qm	Cambrian-Precambrian marine		
Qm	Undivided Precambrian metamorphic rocks (g = gneiss, sch = schist)		
Qm	Later Precambrian sedimentary and metamorphic rocks		
Qm	Earlier Precambrian metamorphic rocks		
Qm	Franciscan volcanic and metavolcanic rocks		
Qm	Mesozoic granitic rocks: g <sup>r</sup> -granite and andesite; g <sup>a</sup> -granodiorite; g <sup>d</sup> -gabbro and diorite		
Qm	Mesozoic basic intrusive rocks		
Qm	Mesozoic ultrabasic intrusive rocks		
Qm	Jura-Trias metavolcanic rocks		
Qm	Pre-Cretaceous metavolcanic rocks		
Qm	Pre-Cretaceous granitic and metamorphic rocks		
Qm	Paleozoic metavolcanic rocks		
Qm	Permian metavolcanic rocks		
Qm	Carboniferous metavolcanic rocks		
Qm	Devonian metavolcanic rocks		
Qm	Devonian and pre-Devonian? metavolcanic rocks		
Qm	Pre-Silurian metamorphic rocks		
Qm	Pre-Silurian metavolcanic rocks		
Qm	Undivided Precambrian granitic rocks		
Qm	Precambrian igneous and metamorphic rock complex		
Qm	Precambrian anorthosite		

TOPOGRAPHIC BASE MAP  
Prepared by the U.S. Army Topographic Command (CGPM), Washington, D.C. Compiled in 1956 by photogrammetric methods and from United States quadrangles 1:50,000 and 1:62,500, 1951-54. Planimetry revised in part from aerial photographs taken 1952. Photographs field annotated 1954. Revised by the U.S. Geological Survey 1970.



Scale 1:250,000  
CONTOUR INTERVAL 200 FEET  
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS  
**GEOLOGIC MAP OF CALIFORNIA  
DEATH VALLEY SHEET**  
COMPILATION BY ROBERT STREITZ AND MELVIN C. STINSON, 1974

Third Printing, 1991



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  - Wilhelms, D. E., unpublished

HEAVY BOLD LINE IN INDEX INDICATES UNITS THAT APPEAR ON THIS SHEET