



Base map from U.S. Geological Survey
Mount Dome, 1950, Medicine Lake, 1952,
Tule Lake, 1953, and Timber Mountain, 1952

0 1 2 3 4 5 MILES

Geology adapted from California Division
of Mines, 1958, Alturas sheet

EXPLANATION

VOLCANIC ROCKS		SEDIMENTARY ROCKS	
<div>Qbu</div> Upper basalt	QUATERNARY	<div>Qal</div> Alluvium	QUATERNARY
<div>Qs</div> Basaltic scoria and ash (cinder-cone deposits)			
<div>Qt</div> Palagonite tuff			
<div>Qbi</div> Intermediate basalt			
	TERTIARY	<div>Tn</div> Nonmarine deposits	
<div>Tt</div> Tuffaceous rocks		<div>Tbl</div> Lower basalt	

Geologic contact
Fault
Queried where inferred.
U = upthrown side
D = downthrown side
Boundary of Lava Beds National Monument

Water-level contours
Queried where inferred. Datum is
mean sea level. Contour interval
10 feet
Water-level measurements were made in
wells penetrating the unconfined water
body in the volcanic rocks and the un-
confined water body in the lake deposits.
Contours assume a continuous water
table in these two water bodies
Water well Test well
Upper figure is well number (explained
in text). Lower number indicates
altitude of water surface, in feet
above mean sea level datum

GENERALIZED GEOLOGIC MAP, LAVA BEDS NATIONAL MONUMENT AND VICINITY, CALIFORNIA, SHOWING
WATER-LEVEL CONTOURS, AUTUMN 1965 THROUGH SPRING 1966