

# Geology of the North half of the Lake Tahoe Basin, California and Nevada

by  
Robert A. Matthews

1968

**EXPLANATION**

- Recent lake beds
- Older lake beds
- Alluvium
- Landslides
- Glacial deposits  
Qg=glacial outwash  
Qm=glacial moraines  
*Glacial stages are indicated by superscripts from youngest (1) to oldest (5)*
- Cinder cone
- Intrusive volcanic rocks mainly latite
- Latite
- Basalt
- Volcanic rocks undifferentiated
- Intra-volcanic sedimentary rocks
- Intrusive volcanic rocks mainly andesite
- Andesite
- Pyroclastic rocks
- Volcanic rocks undifferentiated
- Granitic intrusive rocks
- Diorite intrusive rocks
- Metasedimentary rocks
- Metavolcanic rocks
- Metamorphic rocks undifferentiated

**SYMBOLS**

- Rock contact  
(dashed where approximate, dotted where concealed)
- Fault  
(dashed where approximate, dotted where concealed  
U-upthrown side  
D-downthrown side)

Boundary of the Lake Tahoe drainage basin

