Figure 3 to FER-176: Geologic strip map along the Helendale fault. Base maps from Dibblee (1960a, 1960b, 1960c, 1960d, 1964a, 1964b, 1972); see source maps for cross sections and complete geologic legends. Comments in green are from Bull (1978, fig. 17).

Fault: Solid line indicates accurately located; dashed line, indefinitely located; dotted where concealed; U & D indicate relative upthrown and downthrown blocks, respectively; double arrows indicate probable lateral displacement on map with vertical displacement shown in cross section; single arrow indicates observed dip of fault plane.

Anticline

Syncline

Partial list of geologic units

Qq	alluvium	Holocene (Holocene and Pleistocene, undifferentiated, in Lake Arrowhead and Lucerne Valley quadrangles)
Qf	fanglomerate	
Qc	clay	
Qoa	older alluvium	Pleistocene
Qof	older fanglomerate	
Qoc	older clay	
Qls	landslide deposits	
To	Old Woman Sandstone	Tertiary
qm	Quartz monzonite	Mesozoic
gqm	Granite and quartz monzonite	
qrd	Granodiorite	
bqm	Biotite quartz monzonite	
flg	Furnace Limestone; gray carbonate rocks	Paleozoic
gn	Quartz diorite gneiss	

Recency of faulting

(H) Oldest unit not faulted

[HP] Youngest unit faulted

H Holocene
HP Holocene and Pleistocene, undifferentiated
P Pleistocene
B Pre-Quaternary bedrock

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