

Explanation of Map Units

Surficial Units

Qmf	fill (Modern)
Qml	modern lake deposits (Modern)
HI	Tule Lake sediments (Holocene)
Qal	alluvium (Holocene)
Qaf	alluvial fan deposits (Holocene)
Qls	landslide deposits (Holocene and Quaternary)
Qas	aeolian and lacustrine sands (Holocene and Quaternary)
Qrt	talus deposits (Quaternary)
Qs	valley floor sediments (Quaternary)
Qoaf	older alluvial fan deposits (Quaternary)
QTg	conglomerate (Pliocene-Pleistocene?)





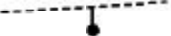



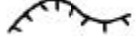


Tertiary Sedimentary Units

Tm	basin sedimentary rocks (Pliocene and Miocene)
Tms/a	altered mudstone, siltstone, and sandstone deposits (Pliocene and Miocene)
Tms	upland sedimentary rocks (Pliocene-Miocene)

Tertiary Volcanic Units

Volcanoclastic Units		Basalt units		Basaltic andesite flows	
TV	vent deposits (Pliocene and/or Miocene)	Tbcj	basalt of Captain Jack Lake (Pliocene or Miocene)	Ta	basaltic andesite aa flows (Miocene)
Tvs	volcanic tuff deposits (Pliocene and/or Miocene)	Tbe	basalt of Easy Creek (Pliocene or Miocene)	Tba	undifferentiated basalt and basaltic andesite (Pliocene?)
Tpb	pillow breccia deposits (Pliocene and/or Miocene)	Tbmfr	basalt of McFall Reservoir (Pliocene or Miocene)	Tbab	basaltic andesite of Buck Butte (Miocene)
		Tbgr	basalt of Grohs Reservoir (Pliocene or Miocene)	Tbap	basaltic andesite of Adams Point (Miocene)
		Tbth	basalt of Turkey Hill (Pliocene or Miocene)		
		Tbma	basalt of Malin (Pliocene or Miocene)		
		Tbjw	basalt of Johns Waterhole (Pliocene or Miocene)		
		Tbu	basalt, undivided (Pliocene or Miocene)		

Symbols

	contact, approximately located		location of sample with geochemical analysis, labeled with sample code
	fault, approximately located, ball on downthrown side		location of sample with radiometric age date, labeled with station number
	buried fault, ball on downthrown side		fossil locale, labeled with station number
	1905 Tulelake shoreline		water well, labelled with OWRD#
	landslide scarp, where landslide deposit is separated from scarp.		measured strike and dip of beds
			strike and dip of beds inferred from air photos labelled with inferred dip where possible.

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