Map Unit Correlation Table: Pu‘ukoholā Heiau National Historic Site

Geologic units mapped within Pu‘ukoholā Heiau National Historic Site are indicated with a dashed outline. Colors match those on the Overview of Digital Geologic Data. Modified from U.S. Geological Survey Data Series 144 (Trusdell et al. 2006).

Age		Age Group*	Surficial Deposits					Regional Ash Deposits	Kīlauea Volcano				Mauna Loa Volcano				Hualālai Volcano			Mauna Kea Volcano				Kohala Volcano						
									Spatter or tuff cones	Lava Flows		Littoral Cones	Tephra Deposits	Spatter or scoria cones		Lava Flows		Littoral Cones	Tephra Deposits	Spatter or Scoria Cones	Lava Flows	Tephra Deposits	Scoria Cones	Lava Flows	Tephra Deposits	Glacial Deposits	Scoria Cones	Lava domes		Lava Flows			Tephra Deposits
Quaternary	Holocene	Historic 1750 or younger)	Qf						Qpc5	Qp5		Qpld5	Qpa5	Qkc5		Qk5		Qkld5		Qhc5	Qh5												
		200-400		Qls					Qpc4y	Qp4	Qp4y			Qkc4		Qk4		Qkld4		Qhc4	Qh4	Qha4											
		400-750							Qpc4o		Qp4o	Qpld4o	Qpa4o																				
		750-1,500			Qac				Qpc3	Qp3		Qpld3		Qkc3		Qk3		Qkld3	Qka3	Qhc3	Qh3												
		1,500-3,000							Qpc2	Qp2			Qpa2	Qkc2		Qk2		Qkld2		Qhc2	Qh2												
		3,000-5,000								Qp1y				Qkc1	Qkc1y	Qk1	Qk1y	Qkld1		Qhc1y	Qh1y												
		5,000-10,000								Qp1o					Qkc1o		Qk1o			Qhc1o	Qh1o		Qlcy		Qly		Qlay						
	Pleistocene	>10,000				Qe	Qsd	Qpha						Qkc		Qk				Qhc	Qh							Qla					
										Qhi						Qkh							Qlc	Qlbc	Ql	Qlb			Qlmt	Qlmo			
																				Qwc	Qw		Qhmc		Qhm				Qhmw				
																Qn																	
																												Qhwc	Qhwbc	Qhwd	Qhwbd	Qhwtd	Qhw	Qhwb	Qhwt	Qhwa
																												Qplc	Qplmc	Qpld			Qpl	Qplm		

* = Ages in “Age Group” are in radiocarbon years and have not been calibrated to calendar years (Wolfe and Morris 1996a). Ages in calendar years are older than radiocarbon years.
The discrepancy increases as ages increase. For example, radiocarbon ages of a few hundred or few thousand years may only differ by tens or hundreds of years, respectively. Ages of tens of thousands of years can differ by a few thousand years.

The Map Unit Properties Table contains additional information regarding the age of geologic units.