

Table 4. Summary of Quaternary faulting along the Death Valley fault zone, California

[Inferred geomorphic surfaces are described in table 2. n.o., none observed; —, value is unknown; >, more than; <, less than; , about]

Fault-section abbreviation (fig. 2)	Oldest unfaulted surface	Surface faulted	Scarp		Maximum right-lateral separation (m)	Length of continuous surface breakage in section (km)	Remarks
			Maximum slope angle	Maximum vertical separation (m)			
SA	Q _{1A}	Q _{1B}	31°	3.0	n.o.	2.3	Displaces 2,000-year-old shoreline.
MC	Q _{1C}	n.o.	n.o.	n.o.	n.o.	n.o.	No distinct faulting in section.
GO	Q _{1A}	Q _{1B}	57°	2.3	n.o.	8.7	Possibly two faulting events in Q _{1B} .
AD	Q _{1A}	Q _{1B}	22°	1.2	n.o.	13.1	Appears older than faulting in GO section.
	Q _{1A}	Q _{1C}	48°	5.0	n.o.	13.1	
	Q _{1A}	Q ₂	—	4.8	n.o.	—	Large, rounded scarps.
BT	Q _{1A}	Q _{1B}	—	.15	n.o.	—	On main fault trace.
	Q _{1A}	Q _{1C}	32°	2.7	n.o.	6.5	On main fault trace.
	Q _{1A}	Q ₂	—	9.0	n.o.	6.5	On main fault trace.
	Q _{1A}	Q _{1B}	—	.2	n.o.	—	On branch fault.
	Q _{1A}	Q _{1C}	—	.5	.2	6.5?	On branch fault.
	Q _{1A}	Q ₂	12°	.7	n.o.	6.5?	On branch fault.
BM	Q _{1A}	Q _{1B}	32°	.2	n.o.	11.2?	On main fault.
	Q _{1A}	Q _{1C}	~ 50°	1.5	n.o.	—	On main fault.
	Q _{1A}	Q ₂	90°	10.4	n.o.	11.2	On main fault.
	Q _{1A}	Q _{1B}	64°	—	n.o.	—	On branch faults at base of alluvial fans.
	Q _{1A}	Q ₂	—	1.2	n.o.	1.2	On branch fault.
CO	Q _{1A}	Q _{1B}	—	0.6	n.o.	5.8?	On main fault trace.
	Q _{1A}	Q _{1C}	—	4.5	n.o.	5.8	On main fault trace.
	Q _{1A}	Q ₂	90°	15	n.o.	5.8	On main fault trace.
	Q _{1B}	Q _{1C}	—	1.5	3.6	—	On branch fault.
WC	Q _{1A}	Q _{1B}	—	<.9	n.o.	—	On secondary fault.
	Q _{1A}	Q _{1C}	70°	2.4	n.o.	5.5?	On main fault trace.
	Q _{1A}	Q ₂	>90°	>9.0	n.o.	5.5	On main fault trace.
GP	Q _{1A}	Q _{1B}	52°	1.5	n.o.	8.9?	On main fault trace.
	Q _{1A}	Q _{1C}	37°	4.5	n.o.	8.9	On main fault trace.
	Q _{1A}	Q ₂	34°	8.8	n.o.	8.9	On main fault trace.
NM	Q _{1A}	Q _{1B}	38°	1.5	n.o.	—	
	Q _{1A}	Q ₂	40°	6.6	n.o.	5.8	On main fault trace.
SM	Q _{1A}	Q _{1B}	22°	.6	n.o.	—	
	Q _{1A}	Q _{1C}	27°	2.7	n.o.	2.7	