Table 3. Summary of Quaternary faulting along the Furnace Creek fault zone, California and Nevada

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

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)			
CK	Q_{1A}	Q_{1B}	—	—	—	—	Q_{1B} faulted at two localities and by three separate events (M.C. Reheis, written commun., 1989).
	Q_{1A}	Q_{1C}	20°	1.8	15	19.1	Scarps define broad zone of faulting curving in trend from N. 30° W. on south to N. 34° E.
	Q_{1A}	Q_2	32°	21.5	132	19.1	Slopes of about 17° and 8° above face of scarp suggest multiple faulting events.
DS	Q_{1A}	Q_{1B}	—	—	n.o.	—	Minor fault scarps at the mouth of McAfee Creek and near the mouth of Busher Creek; may represent different faulting events.
	Q_{1A}	Q_2	30°	64	n.o.	10.4	Section contains scarps with largest vertical separation along Furnace Creek fault zone.
OS (eastern zone)	Q_{1A}?	Q_{1A}?	8°	1.4	n.o.	>6	Continuous with youngest faults in the Horse Thief Canyon section.
OS (central zone)	Q_{1B}?	Q_{1C}	—	0.9	n.o.	8.7	Main fault trace. Scarps in Q_2 extend northward into the Chiatovich Creek section. Historic fissures may be fault related.
	Q_{1B}?	Q_2	33°	30	120	11.8	
OS (western zone)	Q_{1A}	Q_{1B}?	22°	1.5	n.o.	5.5	Q_{1B} is not present at fault scarps, but prominence of scarps suggests faulting occurred after Q_{1B} was deposited.
	Q_{1A}	Q2	27°	21	n.o.	7.0	
HT	None?	Q_{1A}	—	n.o.	n.o.	7.7	Vegetation lineaments continue an additional 6 km north into Oasis section.
	None?	Q_2	—	—	n.o.	>6.0?	West-facing breached small scarps; appears to continue into the Cucomungo Canyon section.
CC	Q_{1A}	Q_{1B}	—	1.5	6.4	<10	Fault surface exposed in bedrock dips 60–90° SW.
	Q_{1A}	Q_2	15°	4.8	46	>10?	
SS	Q_{1B}?	Q_{1C}?	—	—	—	—	Faulting appears to be distributed over a broad zone; many small scarps are east of main trace, cutting Q_2 surface on Oriental Wash fan. Holocene (Q_{1C}?) surface offset at south end of section (M.C. Reheis, written commun., 1989).
	Q_{1B}?	Q_2	<15°	3.0	n.o.	24.7	
GC	Q_{1B}	Q_{1C}	10°	1.5	8.5	23.8	Dip slip is about 10 percent of right slip.
	Q_{1B}	Q_2	—	20	21	>23.8	
RF	Q_{1B}	Q_{1C}	—	2.0	2.7	>13.0	Dip slip is about one-third of right slip.
	Q_{1B}	Q_2	33°	23	n.o.	>13.0	
TF	Q_{1A}	Q_{1B}	—	.5	n.o.	4.9?	Mole tracks.
	Q_{1A}	Q_{1C}	32°	.9	1.2	>4.9	Multiple parallel scarps.
MF	Q_{1A}	Q_{1B}	—	1.8	n.o.	8.1	Mainly vegetation lineaments.
DB	Q_{1A}	Q_{1B}	27°	1.5	<.6	>5.0	Continuous north into MF section.
	Q_{1A}	Q_{1C}	—	—	n.o.	4.1	Continuous to south in BJ section. Unit Q_2 has larger scarps than unit Q_{1C}.
BJ	Q_{1A}	Q_{1B}	—	.3	1.8	>7.8	May extend into DB section.
	Q_{1A}	Q_{1C}	24°	.3	1.5	>11.7	At least three events; may extend into SA section to south.
	Q_{1A}	Q_2	—	2.4	7.3	>19.5	Two events noted.