Table 1. Comparison of soil development properties from this study to regional chronosequences

Location/ Geomorphic Surface/ Pedon ID	Mapping Unit	Preferred Age; Age Range (ka)	SDI- Weighted Mean[d]	Rubification Index- field description[e]	Profile clay%, weighted mean	Maximum clay value
Mission Creek[a]						
Surface A2/MC2	Qvof3/S2		0.45	11.3	13.2	17.3
Surface B2/MC1	Qof1/ S2		0.51	---	18	22.5
Surface B3/ LDM 43	Qof1/ S2		0.31	15	7.2	17
Merced[b]						
R30	Riverbank, lower unit	330; 250-570	0.32	7.5	18.6	25.4
T2	Turlock Lake	600; 570-615	0.54	15	20	37.7
T6		600; 570-615	0.52	15	15	27.1
T11		600; 570-615	0.45	15	18.2	28.9
CH1	China Hat	3000; 730 - 4000	0.61	15	44	55.8
CH2		3000; 730 - 4000	0.53	15	43.5	52.9
CH3		3000; 730 - 4000	0.5	15	37.3	62.6
Cajon Pass[c]						
RW-14	Qoae	500; 300 - 700	0.4	11.3	14.6	34.5

[a]This study; LDM 43 soil described by McFadden, 1982
[b]Data from Harden, 1982, 1987
[c]Data from McFadden and Weldon, 1987
[d]Using soil properties rubification, structure, dry consistence, clay films, and total texture; method after Harden (1982) and Harden and Taylor (1983).
[e]Using Munsell Soil Color Chart. Hue multiplied by Chroma, divided by Value, after Torrent et al., 1980.