Table A1 Information for the selected eight natural ground motion records

Table 111 information for the selected			- I I I I I I I I I I I I I I I I I I I					
Record name	Earthquake name	Station name	Epicentre distance (km)	Vs30 (m/s)	PGA (g)	T0.300S (g)	T1.000S (g)	T3.000S (g)
SanFernando _NO_68	San Fernando	LA - Hollywood Stor FF	39.49	316.46	0.217	0.859	0.268	0.098
Coalinga- 03_NO_393	Coalinga-03	Sulphur Baths (temp)	15.76	617.43	0.041	0.221	0.085	0.038
SuperstitionH ills- 02_NO_719	Superstition Hills-02	Brawley Airport	29.91	208.71	0.126	0.552	0.342	0.070
Erzican,Turke y_NO_821	Erzican, Turkey	Erzincan	8.97	352.05	0.445	1.845	1.004	0.412
BigBear- 01_NO_909- PW	Big Bear-01	Indio - Riverside Co Fair Grnds	78.7	282.14	0.065	0.330	0.121	0.065
HectorMine_ NO_1768	Hector Mine	Barstow	78.44	370.08	0.064	0.418	0.122	0.070
Chi- Chi,Taiwan- 03_NO_2474	Chi-Chi, Taiwan-03	CHY050	74.19	538.93	0.022	0.125	0.051	0.021
TH1TG055	San Fernando	C&GS Station 172	42.23	-	0.130	0.349	0.198	0.048

Vs30: time-averaged shear-wave velocity in the top 30 m at the recording sites.

T0.300S, T1.000S, and T3.000S: pseudo spectral accelerations (5%-damped) at 0.3, 1.0, and 3.0s.