

Table 1 Mean, median and 90% percentile (P90) for 2D amplification factors for anti-plane horizontal component (for all Sites 1-7 and all EGM characteristics). Frequency range: 0.2-20 Hz.

Site	Profile	2D amplification factors for anti-plane horizontal component, [0.2, 20]Hz																													
		$\overline{AF}\{pga\}$			$\overline{AF}\{pgv\}$			$\overline{F_A}$			$\overline{F_V}$			$\overline{F_0}$			$\overline{F_L}$			$\overline{AF}\{a_{rms}\}$			$\overline{AF}\{SI\}$			$\overline{AF}\{CAV\}$			$\overline{AF}\{I_A\}$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	3.54	3.52	3.77	3.10	3.11	3.90	3.37	3.33	3.78	3.71	3.72	5.58	3.38	2.87	5.58	4.70	4.58	5.58	3.39	3.35	3.79	3.65	3.64	5.05	5.08	4.70	6.23	18.00	17.69	22.06
	E	3.44	3.24	4.19	2.99	3.02	3.22	3.28	3.01	4.19	3.66	3.82	4.31	3.66	3.82	4.31	4.39	4.38	5.05	3.27	3.10	4.18	3.53	3.55	3.96	4.88	4.91	5.22	16.71	16.06	21.48
	W	3.37	3.25	4.15	3.14	3.12	3.54	3.13	3.01	3.97	3.83	3.91	4.82	3.56	3.81	4.51	4.30	4.19	4.97	3.10	3.01	4.20	3.72	3.71	4.40	4.97	5.03	5.49	16.28	15.03	22.50
Site 2	P1	2.29	2.19	2.83	2.57	2.44	3.28	2.12	2.02	2.75	3.18	3.10	4.25	3.03	3.28	4.15	3.50	3.44	4.15	1.92	1.78	2.34	2.96	2.87	3.78	4.59	4.67	5.31	9.74	8.76	12.99
	P2	2.36	2.28	2.81	2.69	2.68	3.15	2.16	2.07	2.63	3.34	3.47	4.11	3.14	3.46	4.31	3.70	3.68	4.34	2.01	1.94	2.61	3.10	3.17	3.59	4.70	4.91	5.36	10.42	10.48	12.63
	P3	2.30	2.28	2.65	2.68	2.65	3.20	2.11	2.07	2.53	3.39	3.39	4.17	3.20	3.46	4.13	3.68	3.60	4.48	1.97	1.93	2.30	3.13	3.11	3.80	4.42	4.59	5.07	9.68	9.43	12.39
	P4	2.11	2.03	2.54	2.42	2.41	2.70	1.95	1.81	2.51	3.04	3.07	3.68	3.02	3.27	3.98	3.48	3.49	4.04	1.78	1.58	2.58	2.76	2.75	3.28	4.08	4.12	4.62	7.91	7.61	9.76
Site 4	S4	2.93	2.90	3.77	1.82	1.75	2.43	3.37	3.27	4.24	1.33	1.23	1.74	2.57	2.42	3.78	3.35	3.32	3.99	2.91	2.89	3.73	1.77	1.67	2.35	3.24	3.17	4.29	10.12	9.31	16.37
Site 5	S5	1.81	1.79	2.01	1.67	1.68	1.83	1.79	1.76	2.03	1.74	1.75	1.89	1.70	1.74	1.83	1.75	1.75	1.88	1.69	1.69	1.83	1.78	1.79	1.94	2.33	2.33	2.51	4.19	4.13	4.86
Site 6	S6g	2.37	2.34	2.57	1.91	1.94	2.13	2.47	2.44	2.76	2.00	2.12	2.38	2.15	2.24	2.50	2.44	2.43	2.64	2.34	2.35	2.57	2.06	2.13	2.34	2.88	2.90	3.07	6.96	6.87	7.97
	S6h	2.12	2.12	2.21	1.65	1.67	1.84	2.34	2.33	2.45	1.68	1.79	1.98	1.76	1.85	2.01	2.03	1.99	2.35	2.10	2.10	2.27	1.74	1.77	1.97	2.38	2.38	2.51	5.11	5.08	5.67
Site 7	S7	3.01	2.96	3.30	2.49	2.46	2.72	3.03	2.97	3.28	2.71	2.74	2.98	2.55	2.62	2.83	2.87	2.83	3.35	2.66	2.65	2.89	2.80	2.84	3.03	4.51	4.51	4.73	13.02	12.83	14.59

Table 2 Mean, median and 90% percentile (P90) for 2D amplification factors for in-plane horizontal component (for all Sites 1-7 and all EGM characteristics). Frequency range: 0.2-20 Hz.

Site	Profile	2D amplification factors for in-plane horizontal component, [0.2, 20]Hz																													
		$\overline{AF}\{pga\}$			$\overline{AF}\{pgv\}$			$\overline{F_A}$			$\overline{F_V}$			$\overline{F_0}$			$\overline{F_L}$			$\overline{AF}\{a_{rms}\}$			$\overline{AF}\{SI\}$			$\overline{AF}\{CAV\}$			$\overline{AF}\{I_A\}$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	3.57	3.49	4.34	3.31	3.28	3.79	3.58	3.43	4.61	3.52	3.50	4.98	3.15	2.94	4.76	4.60	4.52	5.13	3.56	3.39	4.55	3.62	3.54	4.50	4.94	5.01	5.45	18.66	18.10	23.82
	E	3.43	3.44	3.94	3.31	3.34	3.67	3.37	3.27	4.08	3.78	4.05	4.48	3.78	4.05	4.48	4.42	4.51	4.75	3.35	3.35	4.19	3.69	3.77	4.16	4.73	4.84	5.13	16.92	17.63	19.88
	W	3.26	3.26	3.82	3.31	3.33	3.68	3.17	3.13	3.99	3.87	4.07	4.66	3.56	3.84	4.51	4.27	4.25	4.78	3.12	3.12	4.01	3.74	3.78	4.27	4.82	4.89	5.26	16.01	15.92	19.78
Site 2	P1	1.94	1.87	2.42	2.18	2.17	2.68	1.94	1.84	2.42	2.55	2.55	3.29	2.61	2.80	3.37	2.81	3.00	3.37	1.75	1.67	2.27	2.32	2.31	2.83	3.29	3.30	3.72	6.33	5.84	8.06
	P2	2.08	2.04	2.55	2.25	2.21	2.80	2.07	2.02	2.57	2.62	2.72	3.26	2.62	2.81	3.59	2.94	3.05	3.60	1.82	1.74	2.38	2.46	2.48	3.00	3.65	3.65	4.13	7.34	6.77	10.02
	P3	2.14	2.11	2.36	2.34	2.38	2.55	2.14	2.11	2.45	2.72	2.82	3.19	2.72	2.96	3.54	3.03	3.03	3.59	1.87	1.85	2.10	2.54	2.60	2.85	3.50	3.49	3.93	7.15	6.99	8.59
	P4	1.99	1.90	2.39	2.26	2.29	2.50	1.98	1.87	2.46	2.66	2.73	3.13	2.81	3.00	4.08	3.12	3.09	4.08	1.69	1.56	2.29	2.42	2.44	2.71	3.42	3.49	3.81	6.28	6.16	7.71
Site 4	S4	2.94	2.96	3.96	2.01	2.01	2.69	3.40	3.42	4.36	1.37	1.31	1.75	2.60	2.39	4.13	3.35	3.38	4.23	2.98	2.94	4.04	1.90	1.84	2.61	3.30	3.25	4.57	10.82	9.78	19.08
Site 5	S5	1.75	1.75	1.87	1.70	1.72	1.79	1.79	1.77	1.96	1.66	1.68	1.76	1.63	1.66	1.73	1.68	1.68	1.76	1.66	1.67	1.80	1.74	1.75	1.83	2.17	2.18	2.33	3.87	3.90	4.49
Site 6	S6g	2.35	2.33	2.53	2.01	1.99	2.22	2.53	2.50	2.73	1.94	1.97	2.41	2.10	2.11	2.53	2.40	2.35	2.61	2.28	2.25	2.50	2.08	2.03	2.43	2.86	2.87	3.04	6.92	6.82	7.95
	S6h	2.16	2.15	2.30	1.75	1.75	1.90	2.42	2.42	2.55	1.64	1.65	2.03	1.74	1.75	2.06	2.06	2.02	2.34	2.07	2.06	2.24	1.79	1.76	2.05	2.51	2.52	2.63	5.49	5.51	6.08
Site 7	S7	3.08	3.01	3.38	2.67	2.69	2.83	3.17	3.08	3.51	2.53	2.57	2.73	2.37	2.46	2.58	2.71	2.60	3.45	2.80	2.76	3.21	2.79	2.82	2.98	4.40	4.39	4.72	13.57	13.37	16.29

Table 3 Mean, median and 90% percentile (P90) for 2D amplification factors for vertical component (for all Sites 1-7 and all EGM characteristics). Frequency range: 0.2-20 Hz.

Site	Profile	2D amplification factors for vertical component, [0.2, 20]Hz																													
		$\overline{AF}\{pga\}$			$\overline{AF}\{pgv\}$			$\overline{F_A}$			$\overline{F_V}$			$\overline{F_0}$			$\overline{F_L}$			$\overline{AF}\{a_{rms}\}$			$\overline{AF}\{SI\}$			$\overline{AF}\{CAV\}$			$\overline{AF}\{I_A\}$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	2.46	2.33	3.97	2.07	1.99	3.28	2.24	2.11	3.35	1.57	1.32	2.37	2.79	2.74	4.60	2.82	2.56	4.33	2.69	2.63	4.10	2.05	1.85	3.26	2.91	2.86	4.41	8.44	7.48	18.29
	E	1.97	1.96	2.30	1.53	1.52	1.68	1.95	1.93	2.42	1.18	1.20	1.25	2.03	2.04	2.30	2.12	2.07	2.42	2.07	2.07	2.58	1.48	1.48	1.60	2.14	2.11	2.45	4.48	4.29	6.20
	W	2.19	2.00	2.81	1.90	1.76	2.49	2.06	1.88	2.42	1.55	1.56	1.93	2.46	2.23	3.55	2.53	2.29	3.40	2.33	2.12	3.25	1.88	1.74	2.41	2.67	2.50	3.27	6.46	5.36	10.25
Site 2	P1	4.16	4.19	5.05	4.90	5.06	6.25	3.18	3.12	3.86	6.23	6.62	8.04	5.36	5.67	6.93	5.99	6.30	7.92	4.24	4.29	5.22	5.71	6.00	7.16	6.62	6.72	7.97	29.12	28.87	41.94
	P2	3.82	3.96	4.49	4.32	4.65	5.48	2.97	2.96	3.53	5.27	5.88	7.00	5.37	5.99	7.13	5.56	6.30	7.25	3.77	3.91	4.49	4.94	5.41	6.33	6.27	6.71	7.35	24.77	26.61	32.42
	P3	3.90	3.95	4.54	4.17	4.26	5.32	3.05	3.05	3.49	4.85	5.15	6.79	5.26	5.56	7.11	5.56	5.75	7.27	3.82	3.86	4.50	4.66	4.80	6.10	5.89	6.08	6.87	23.31	23.85	30.15
	P4	3.01	2.82	3.98	3.54	3.62	4.91	2.41	2.37	3.02	4.29	4.85	5.83	4.29	4.85	5.83	4.61	4.85	5.94	2.81	2.77	3.47	4.03	4.32	5.45	5.00	5.36	6.03	14.90	15.10	21.49
Site 4	S4	2.34	2.07	3.40	1.50	1.39	1.98	2.53	2.29	3.72	1.06	1.04	1.14	2.53	2.29	3.72	2.59	2.36	3.78	2.50	2.17	3.71	1.39	1.29	1.75	2.47	2.25	3.48	6.65	4.89	12.78
Site 5	S5	1.61	1.56	1.85	1.51	1.48	1.72	1.58	1.57	1.79	1.51	1.50	1.72	1.62	1.59	1.90	1.71	1.66	2.03	1.65	1.61	1.91	1.55	1.52	1.78	1.98	1.95	2.23	3.31	3.15	4.26
Site 6	S6g	1.89	1.86	2.09	1.43	1.43	1.57	1.93	1.91	2.13	1.12	1.13	1.20	1.90	1.93	2.13	1.99	1.97	2.15	1.96	1.96	2.21	1.38	1.39	1.51	2.05	2.09	2.24	4.05	4.03	4.89
	S6h	1.58	1.57	1.74	1.30	1.32	1.44	1.59	1.60	1.72	1.09	1.10	1.17	1.58	1.60	1.80	1.64	1.64	1.77	1.63	1.66	1.81	1.27	1.28	1.39	1.68	1.71	1.81	2.76	2.81	3.25
Site 7	S7	2.54	2.40	3.62	2.14	2.07	2.75	2.34	2.19	3.21	1.72	1.74	1.92	2.72	2.73	3.37	2.87	2.79	3.49	2.58	2.40	3.62	2.13	2.07	2.78	3.45	3.38	4.05	9.19	8.36	14.31

Table 4 Mean, median and 90% percentile (P90) for 2D/1D aggravation factors for anti-plane horizontal component (for all Sites 1-7 and all EGM characteristics). Frequency range: 0.2-20 Hz.

Site	Profile	2D/1D aggravation factors for anti-plane horizontal component, [0.2, 20]Hz																													
		$AGF_{21}\left[\overline{AF}\{pga\}\right]$			$AGF_{21}\left[\overline{AF}\{pgv\}\right]$			$AGF_{21}\left[\overline{F_A}\right]$			$AGF_{21}\left[\overline{F_V}\right]$			$AGF_{21}\left[\overline{F_0}\right]$			$AGF_{21}\left[\overline{F_L}\right]$			$AGF_{21}\left[\overline{AF}\{a_{rms}\}\right]$			$AGF_{21}\left[\overline{AF}\{SI\}\right]$			$AGF_{21}\left[\overline{AF}\{CAV\}\right]$			$AGF_{21}\left[\overline{AF}\{I_A\}\right]$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	1.10	1.08	1.28	1.11	1.09	1.24	1.09	1.08	1.19	1.19	1.10	1.44	1.17	1.07	1.41	1.22	1.19	1.41	1.06	1.05	1.22	1.18	1.11	1.38	1.46	1.32	1.82	1.62	1.48	2.16
	E	1.06	1.00	1.30	1.05	1.00	1.21	1.07	1.01	1.26	1.10	1.08	1.20	1.10	1.08	1.20	1.15	1.12	1.35	1.00	0.92	1.31	1.09	1.08	1.22	1.37	1.37	1.43	1.43	1.32	1.82
	W	1.08	1.03	1.22	1.07	1.02	1.19	1.07	1.02	1.20	1.13	1.11	1.30	1.12	1.10	1.26	1.17	1.15	1.34	0.99	0.95	1.26	1.13	1.12	1.28	1.46	1.49	1.59	1.51	1.45	1.92
Site 2	P1	1.19	1.13	1.49	1.15	1.09	1.44	1.18	1.12	1.52	1.24	1.20	1.62	1.17	1.17	1.43	1.25	1.25	1.52	1.04	0.96	1.41	1.25	1.21	1.61	1.69	1.71	1.98	1.95	1.71	2.89
	P2	1.21	1.19	1.40	1.23	1.21	1.41	1.18	1.14	1.44	1.33	1.34	1.60	1.26	1.26	1.56	1.35	1.36	1.59	1.05	1.03	1.33	1.32	1.34	1.56	1.73	1.80	2.00	2.02	1.97	2.66
	P3	1.17	1.15	1.32	1.19	1.14	1.39	1.14	1.12	1.30	1.28	1.27	1.57	1.23	1.26	1.51	1.30	1.28	1.53	1.00	0.97	1.21	1.26	1.26	1.49	1.60	1.66	1.87	1.77	1.75	2.32
	P4	1.09	1.08	1.24	1.08	1.07	1.18	1.08	1.06	1.23	1.17	1.18	1.32	1.17	1.17	1.35	1.23	1.22	1.43	0.96	0.94	1.15	1.16	1.17	1.29	1.48	1.50	1.69	1.56	1.49	2.04
Site 4	S4	1.23	1.18	1.44	1.12	1.09	1.28	1.27	1.20	1.54	1.02	1.01	1.05	1.14	1.12	1.30	1.21	1.17	1.38	1.26	1.22	1.50	1.10	1.09	1.21	1.33	1.30	1.58	1.71	1.58	2.33
Site 5	S5	1.05	1.04	1.16	1.04	1.04	1.14	1.05	1.04	1.17	1.08	1.08	1.17	1.06	1.06	1.13	1.06	1.07	1.14	0.99	0.99	1.08	1.07	1.08	1.16	1.33	1.34	1.43	1.38	1.38	1.60
Site 6	S6g	1.09	1.08	1.18	1.07	1.07	1.14	1.10	1.09	1.21	1.07	1.06	1.15	1.09	1.08	1.19	1.14	1.14	1.23	1.09	1.09	1.16	1.09	1.09	1.16	1.30	1.30	1.39	1.45	1.43	1.66
	S6h	1.05	1.04	1.15	1.03	1.03	1.08	1.05	1.05	1.12	1.04	1.04	1.08	1.06	1.05	1.12	1.08	1.07	1.14	1.05	1.04	1.13	1.05	1.04	1.08	1.16	1.15	1.23	1.23	1.23	1.41
Site 7	S7	1.05	1.04	1.13	1.06	1.05	1.17	1.04	1.03	1.11	1.16	1.16	1.30	1.14	1.14	1.25	1.16	1.16	1.26	0.94	0.94	1.05	1.12	1.12	1.22	1.48	1.48	1.57	1.49	1.45	1.74

Table 5 Mean, median and 90% percentile (P90) for 2D/1D aggravation factors for in-plane horizontal component (for all Sites 1-7 and all EGM characteristics). Frequency range: 0.2-20 Hz.

Site	Profile	2D/1D aggravation factors for in-plane horizontal component, [0.2, 20]Hz																													
		$AGF_{21}[\overline{AF}\{pga\}]$			$AGF_{21}[\overline{AF}\{pgv\}]$			$AGF_{21}[\overline{F_A}]$			$AGF_{21}[\overline{F_V}]$			$AGF_{21}[\overline{F_0}]$			$AGF_{21}[\overline{F_L}]$			$AGF_{21}[\overline{AF}\{a_{rms}\}]$			$AGF_{21}[\overline{AF}\{SI\}]$			$AGF_{21}[\overline{AF}\{CAV\}]$			$AGF_{21}[\overline{AF}\{I_A\}]$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	1.17	1.16	1.30	1.11	1.10	1.24	1.18	1.17	1.36	1.13	1.08	1.33	1.10	1.08	1.23	1.20	1.18	1.34	1.10	1.08	1.30	1.15	1.14	1.27	1.44	1.43	1.67	1.66	1.69	2.03
	E	1.10	1.09	1.21	1.06	1.07	1.17	1.11	1.09	1.25	1.11	1.12	1.20	1.11	1.12	1.20	1.16	1.16	1.24	1.02	1.01	1.22	1.11	1.11	1.18	1.34	1.36	1.46	1.44	1.43	1.65
	W	1.10	1.08	1.21	1.07	1.05	1.17	1.10	1.08	1.22	1.13	1.12	1.28	1.11	1.11	1.22	1.16	1.15	1.30	1.00	1.03	1.19	1.13	1.13	1.24	1.42	1.45	1.58	1.48	1.46	1.71
Site 2	P1	1.05	0.99	1.36	0.99	0.98	1.25	1.08	1.02	1.41	1.01	1.02	1.32	1.03	1.04	1.22	1.02	1.07	1.20	1.00	0.95	1.37	1.01	1.03	1.31	1.31	1.30	1.54	1.40	1.30	2.06
	P2	1.10	1.08	1.35	1.03	1.03	1.27	1.13	1.11	1.41	1.06	1.08	1.27	1.07	1.05	1.32	1.09	1.12	1.32	0.99	0.96	1.29	1.08	1.08	1.35	1.45	1.50	1.69	1.55	1.50	2.25
	P3	1.13	1.11	1.22	1.05	1.06	1.15	1.15	1.13	1.26	1.06	1.07	1.28	1.06	1.04	1.32	1.10	1.06	1.32	1.00	0.98	1.16	1.08	1.08	1.27	1.37	1.39	1.54	1.45	1.43	1.81
	P4	1.08	1.08	1.20	1.04	1.05	1.14	1.10	1.09	1.22	1.05	1.07	1.20	1.11	1.08	1.43	1.13	1.12	1.43	0.96	0.96	1.11	1.06	1.08	1.19	1.35	1.38	1.54	1.37	1.39	1.78
Site 4	S4	1.22	1.19	1.53	1.11	1.10	1.25	1.30	1.27	1.61	1.02	1.02	1.06	1.13	1.07	1.40	1.21	1.22	1.42	1.22	1.22	1.48	1.10	1.09	1.22	1.33	1.31	1.62	1.69	1.61	2.45
Site 5	S5	1.04	1.04	1.11	1.03	1.04	1.07	1.05	1.05	1.15	1.03	1.04	1.09	1.01	1.02	1.06	1.02	1.03	1.07	0.96	0.96	1.05	1.03	1.05	1.09	1.22	1.23	1.32	1.25	1.26	1.43
Site 6	S6g	1.11	1.11	1.19	1.05	1.05	1.10	1.14	1.14	1.23	1.03	1.02	1.18	1.06	1.04	1.20	1.12	1.11	1.22	1.05	1.04	1.14	1.06	1.06	1.16	1.27	1.27	1.36	1.40	1.38	1.61
	S6h	1.08	1.09	1.16	1.03	1.03	1.08	1.12	1.11	1.20	1.02	1.00	1.15	1.04	1.02	1.17	1.10	1.09	1.18	1.04	1.02	1.16	1.04	1.03	1.12	1.21	1.21	1.29	1.31	1.29	1.52
Site 7	S7	1.09	1.07	1.20	1.05	1.06	1.12	1.09	1.08	1.18	1.07	1.09	1.17	1.05	1.07	1.14	1.10	1.10	1.20	0.96	0.96	1.08	1.08	1.09	1.14	1.41	1.41	1.49	1.47	1.46	1.70

Table 6 Mean, median and 90% percentile (P90) for 2D/1D aggravation factors for vertical component (for all Sites 1-7 and all EGM characteristics). Frequency range: 0.2-20 Hz.

Site	Profile	2D/1D aggravation factors for vertical component, [0.2, 20]Hz																													
		$AGF_{21}[\overline{AF}\{pga\}]$			$AGF_{21}[\overline{AF}\{pgv\}]$			$AGF_{21}[\overline{F_A}]$			$AGF_{21}[\overline{F_V}]$			$AGF_{21}[\overline{F_0}]$			$AGF_{21}[\overline{F_L}]$			$AGF_{21}[\overline{AF}\{a_{rms}\}]$			$AGF_{21}[\overline{AF}\{SI\}]$			$AGF_{21}[\overline{AF}\{CAV\}]$			$AGF_{21}[\overline{AF}\{I_A\}]$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	1.44	1.32	2.21	1.50	1.38	2.10	1.28	1.20	1.87	1.31	1.18	1.77	1.75	1.62	2.49	1.56	1.39	2.32	1.56	1.42	2.29	1.52	1.37	2.19	1.75	1.67	2.56	2.88	2.47	5.87
	E	1.15	1.09	1.39	1.14	1.12	1.26	1.11	1.07	1.33	1.03	1.03	1.07	1.17	1.14	1.34	1.16	1.11	1.38	1.19	1.13	1.42	1.12	1.09	1.23	1.27	1.23	1.45	1.52	1.38	1.96
	W	1.29	1.16	1.66	1.33	1.23	1.79	1.19	1.09	1.42	1.19	1.14	1.43	1.49	1.32	2.15	1.43	1.29	1.94	1.36	1.24	1.92	1.33	1.24	1.80	1.59	1.51	1.96	2.25	1.88	3.56
Site 2	P1	2.36	2.39	2.92	2.62	2.67	3.12	1.94	1.92	2.42	3.15	3.23	3.75	2.86	2.91	3.39	2.83	2.95	3.63	2.36	2.39	2.96	2.94	3.02	3.38	3.48	3.51	4.17	8.59	8.50	12.53
	P2	2.16	2.24	2.58	2.37	2.48	2.83	1.80	1.83	2.16	2.76	2.88	3.28	2.79	2.90	3.33	2.65	2.94	3.38	2.09	2.17	2.57	2.61	2.72	3.05	3.30	3.48	3.81	7.27	7.78	9.50
	P3	2.21	2.27	2.63	2.29	2.31	2.79	1.86	1.88	2.17	2.53	2.58	3.20	2.67	2.70	3.37	2.65	2.70	3.41	2.10	2.09	2.50	2.48	2.56	2.97	3.08	3.15	3.58	6.79	6.68	8.85
	P4	1.70	1.61	2.25	1.87	1.82	2.52	1.46	1.41	1.82	2.12	2.23	2.68	2.12	2.23	2.68	2.13	2.19	2.75	1.56	1.53	1.93	2.04	2.07	2.62	2.64	2.79	3.18	4.42	4.43	6.44
Site 4	S4	1.36	1.29	1.65	1.21	1.17	1.39	1.37	1.31	1.63	1.03	1.02	1.06	1.37	1.31	1.63	1.31	1.24	1.61	1.43	1.35	1.72	1.19	1.17	1.34	1.51	1.46	1.76	2.17	1.94	3.01
Site 5	S5	1.17	1.15	1.34	1.20	1.18	1.36	1.11	1.10	1.26	1.22	1.19	1.39	1.30	1.26	1.52	1.36	1.32	1.60	1.19	1.17	1.37	1.25	1.21	1.45	1.45	1.43	1.63	1.75	1.69	2.23
Site 6	S6g	1.16	1.15	1.28	1.12	1.10	1.20	1.15	1.14	1.23	1.02	1.01	1.06	1.16	1.18	1.23	1.15	1.14	1.22	1.18	1.17	1.29	1.10	1.10	1.17	1.29	1.30	1.37	1.53	1.53	1.76
	S6h	1.14	1.14	1.24	1.11	1.09	1.19	1.13	1.11	1.20	1.02	1.01	1.06	1.15	1.14	1.24	1.13	1.13	1.22	1.16	1.17	1.26	1.09	1.08	1.15	1.24	1.24	1.32	1.45	1.44	1.65
Site 7	S7	1.48	1.40	2.08	1.48	1.43	1.86	1.32	1.26	1.77	1.29	1.26	1.43	1.78	1.74	2.15	1.74	1.70	2.17	1.49	1.40	2.07	1.51	1.45	1.90	2.05	2.01	2.42	3.16	2.92	4.96

Table 7 Mean, median and 90% percentile (P90) for 3D amplification factors for anti-plane horizontal component (for Sites 1-2 and all EGM characteristics). Frequency range: 0.5-5 Hz.

Site	Profile	3D amplification factors for anti-plane horizontal component, [0.5, 5]Hz																													
		$\overline{AF}\{pga\}$			$\overline{AF}\{pgv\}$			$\overline{F}_A$			$\overline{F}_V$			$\overline{F}_0$			$\overline{F}_L$			$\overline{AF}\{a_{rms}\}$			$\overline{AF}\{SI\}$			$\overline{AF}\{CAV\}$			$\overline{AF}\{I_A\}$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	3.69	3.78	4.23	3.72	3.64	5.23	3.62	3.70	4.05	4.24	3.69	7.38	3.97	4.19	5.37	4.49	4.35	5.87	3.47	3.60	4.11	3.92	3.50	6.32	6.24	5.44	9.83	24.19	21.20	42.87
	E	3.44	3.42	4.18	3.46	3.64	3.93	3.36	3.29	4.10	4.02	4.43	4.83	3.83	4.26	4.62	4.34	4.46	4.94	3.23	3.01	4.34	3.63	3.90	4.19	5.74	5.95	7.11	20.08	21.05	24.14
	W	3.67	3.59	4.49	3.79	3.96	4.39	3.59	3.46	4.52	4.44	4.82	5.58	4.25	4.32	5.06	4.33	4.30	5.01	3.43	3.30	4.52	4.04	4.30	4.78	6.13	6.30	7.67	22.39	21.58	29.32
Site 2	P1	2.55	2.51	2.92	2.92	2.86	3.53	2.59	2.53	2.98	3.64	3.77	4.20	3.39	3.46	3.99	3.42	3.34	4.01	1.74	1.69	2.10	3.15	3.18	3.67	7.15	7.66	8.36	14.95	14.84	19.18
	P2	2.63	2.65	3.13	2.92	2.86	3.43	2.60	2.60	3.09	3.52	3.56	4.42	3.41	3.45	4.28	3.31	3.27	4.15	1.93	1.84	2.54	3.08	3.07	3.78	6.20	6.87	7.59	13.66	13.35	19.85
	P3	2.53	2.54	2.91	2.81	2.83	3.24	2.51	2.52	2.81	3.35	3.42	3.86	3.22	3.25	3.68	3.15	3.16	3.60	1.73	1.73	2.03	2.95	3.02	3.35	5.82	6.14	6.87	11.99	12.54	14.98
	P4	2.33	2.31	2.80	2.56	2.60	3.13	2.41	2.46	2.95	3.24	3.49	3.97	3.19	3.49	3.86	3.18	3.39	3.86	1.62	1.50	2.04	2.78	2.95	3.36	6.66	7.74	8.46	13.04	13.57	19.19

Table 8 Mean, median and 90% percentile (P90) for 3D amplification factors for in-plane horizontal component (for Sites 1-2 and all EGM characteristics). Frequency range: 0.5-5 Hz.

Site	Profile	3D amplification factors for in-plane horizontal component, [0.5, 5]Hz																													
		$\overline{AF}\{pga\}$			$\overline{AF}\{pgv\}$			$\overline{F}_A$			$\overline{F}_V$			$\overline{F}_0$			$\overline{F}_L$			$\overline{AF}\{a_{rms}\}$			$\overline{AF}\{SI\}$			$\overline{AF}\{CAV\}$			$\overline{AF}\{I_A\}$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	3.41	3.52	4.01	3.53	3.74	4.62	3.38	3.47	3.89	4.17	3.94	6.84	3.97	4.29	5.21	4.45	4.76	5.45	3.19	3.18	4.12	3.83	3.79	5.56	5.84	5.80	8.50	20.90	20.99	32.44
	E	3.24	3.32	3.77	3.47	3.63	4.00	3.20	3.25	3.75	4.18	4.66	5.07	4.00	4.46	4.89	4.41	4.68	5.00	3.05	3.16	3.88	3.75	4.09	4.38	5.53	6.05	6.60	18.60	19.85	23.28
	W	3.35	3.27	4.12	3.80	3.90	4.49	3.30	3.20	4.03	4.79	5.35	5.73	4.33	4.43	5.12	4.39	4.43	5.27	3.05	3.00	3.92	4.20	4.51	4.86	5.88	6.12	7.14	19.65	18.98	26.17
Site 2	P1	1.86	1.80	2.21	2.23	2.25	2.72	1.90	1.85	2.25	3.12	3.26	3.69	2.81	2.88	3.31	2.83	2.88	3.47	1.31	1.30	1.52	2.57	2.63	3.03	5.53	5.67	6.82	8.74	8.47	11.47
	P2	2.08	2.06	2.55	2.49	2.45	2.94	2.13	2.09	2.60	3.33	3.53	4.15	3.20	3.39	3.97	3.05	3.12	3.84	1.49	1.48	1.84	2.80	2.91	3.31	5.69	6.08	7.24	10.06	9.82	14.34
	P3	2.14	2.12	2.39	2.39	2.45	2.61	2.19	2.19	2.39	2.94	3.04	3.48	2.81	2.90	3.27	2.76	2.81	3.24	1.36	1.34	1.74	2.58	2.62	2.87	5.10	5.46	6.15	8.39	8.48	10.42
	P4	2.19	2.19	2.60	2.62	2.51	3.12	2.25	2.29	2.64	3.52	3.71	4.38	3.48	3.72	4.29	3.43	3.57	4.24	1.56	1.52	1.95	2.96	3.00	3.56	6.41	7.01	8.10	11.78	12.13	16.34

Table 9 Mean, median and 90% percentile (P90) for 3D amplification factors for vertical component (for Sites 1-2 and all EGM characteristics). Frequency range: 0.5-5 Hz.

Site	Profile	3D amplification factors for vertical component, [0.5, 5]Hz																													
		$\overline{AF}\{pga\}$			$\overline{AF}\{pgv\}$			$\overline{F_A}$			$\overline{F_V}$			$\overline{F_0}$			$\overline{F_L}$			$\overline{AF}\{a_{rms}\}$			$\overline{AF}\{SI\}$			$\overline{AF}\{CAV\}$			$\overline{AF}\{I_A\}$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	2.78	2.63	5.00	2.23	1.90	3.90	2.74	2.72	4.74	1.63	1.33	2.67	2.75	2.53	4.85	2.91	2.88	4.85	2.96	2.74	5.08	2.00	1.73	3.37	3.09	2.71	5.34	11.28	7.25	27.67
	E	1.84	1.95	2.18	1.44	1.54	1.61	1.94	2.00	2.31	1.14	1.16	1.23	2.01	2.14	2.47	2.04	2.15	2.51	1.95	2.00	2.48	1.35	1.42	1.48	1.92	2.11	2.31	3.81	4.33	5.52
	W	2.69	2.45	3.79	2.27	2.35	2.83	2.67	2.43	3.70	1.89	1.73	2.65	2.68	2.64	3.55	2.89	2.70	3.95	2.95	2.64	4.36	2.13	2.22	2.65	3.15	3.35	3.80	9.50	8.84	15.75
Site 2	P1	5.32	5.45	6.64	6.17	6.60	7.64	5.23	5.33	6.55	7.55	8.25	9.55	7.15	7.84	9.06	6.64	7.09	8.73	4.44	4.48	5.43	6.67	7.08	8.35	12.34	12.90	15.53	61.57	62.05	88.36
	P2	5.43	5.63	7.24	6.02	6.50	8.23	5.28	5.47	6.96	6.93	7.61	9.40	6.54	7.10	8.86	6.49	7.05	8.92	4.44	4.59	6.11	6.14	6.61	8.31	10.87	11.87	14.55	55.55	57.43	90.17
	P3	4.98	5.19	6.21	5.20	5.37	6.88	4.86	5.03	6.09	5.87	6.42	8.20	5.63	6.07	7.55	5.73	5.84	7.48	3.58	3.71	4.25	5.21	5.36	7.07	9.70	10.26	12.58	41.22	43.16	61.62
	P4	4.77	5.05	6.37	5.56	5.91	7.36	4.71	5.05	6.17	6.78	7.68	9.10	6.42	7.20	8.45	6.25	7.09	7.89	3.99	4.20	5.14	5.89	6.39	7.65	11.27	12.88	13.90	51.23	57.21	72.87

Table 10 Mean, median and 90% percentile (P90) for 3D/2D aggravation factors for anti-plane horizontal component (for Sites 1-2 and all EGM characteristics). Frequency range: 0.5-5 Hz.

Site	Profile	3D/2D aggravation factors for anti-plane horizontal component, [0.5, 5]Hz																													
		$AGF_{32}\left[\overline{AF}\{pga\}\right]$			$AGF_{32}\left[\overline{AF}\{pgv\}\right]$			$AGF_{32}\left[\overline{F_A}\right]$			$AGF_{32}\left[\overline{F_V}\right]$			$AGF_{32}\left[\overline{F_0}\right]$			$AGF_{32}\left[\overline{F_L}\right]$			$AGF_{32}\left[\overline{AF}\{a_{rms}\}\right]$			$AGF_{32}\left[\overline{AF}\{SI\}\right]$			$AGF_{32}\left[\overline{AF}\{CAV\}\right]$			$AGF_{32}\left[\overline{AF}\{I_A\}\right]$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	0.93	0.95	1.05	1.00	1.03	1.12	0.92	0.92	1.04	1.04	1.04	1.20	0.99	1.02	1.07	0.97	1.02	1.09	0.95	0.97	1.13	1.02	1.03	1.17	1.03	1.04	1.27	1.00	1.03	1.31
	E	0.91	0.93	1.00	0.94	0.97	1.02	0.89	0.91	0.98	1.00	0.98	1.18	0.99	0.98	1.15	0.98	1.00	1.15	0.92	0.94	1.03	0.96	0.97	1.09	0.99	0.99	1.21	0.93	0.95	1.17
	W	0.98	0.99	1.08	1.03	1.03	1.18	0.96	0.98	1.06	1.10	1.10	1.32	1.07	1.10	1.33	1.06	1.07	1.33	1.03	1.00	1.29	1.06	1.05	1.25	1.06	1.05	1.34	1.08	1.03	1.53
Site 2	P1	0.98	1.00	1.10	1.05	1.03	1.20	1.03	1.04	1.19	1.12	1.12	1.26	1.09	1.09	1.21	1.06	1.08	1.20	0.84	0.84	0.98	1.07	1.08	1.20	1.35	1.38	1.49	1.19	1.21	1.39
	P2	0.95	0.93	1.09	0.98	0.98	1.12	0.98	0.97	1.14	1.02	1.01	1.17	1.02	1.01	1.15	0.95	0.95	1.08	0.85	0.84	0.98	0.99	0.98	1.10	1.11	1.14	1.31	0.96	0.93	1.22
	P3	0.95	0.95	1.06	0.94	0.95	1.05	0.98	0.99	1.09	0.96	0.96	1.04	0.96	0.97	1.05	0.96	0.95	1.08	0.80	0.80	0.91	0.95	0.95	1.05	1.12	1.11	1.23	0.94	0.93	1.11
	P4	1.00	1.03	1.21	0.97	1.02	1.18	1.07	1.08	1.34	1.01	1.05	1.28	1.03	1.06	1.31	0.99	1.04	1.25	0.84	0.86	1.19	0.99	1.02	1.24	1.41	1.49	1.72	1.27	1.34	1.83

Table 11 Mean, median and 90% percentile (P90) for 3D/2D aggravation factors for in-plane horizontal component (for Sites 1-2 and all EGM characteristics). Frequency range: 0.5-5 Hz.

Site	Profile	3D/2D aggravation factors for in-plane horizontal component, [0.5, 5]Hz																													
		$AGF_{32} \left[\overline{AF} \{ pga \} \right]$			$AGF_{32} \left[\overline{AF} \{ pgv \} \right]$			$AGF_{32} \left[\overline{F_A} \right]$			$AGF_{32} \left[\overline{F_V} \right]$			$AGF_{32} \left[\overline{F_0} \right]$			$AGF_{32} \left[\overline{F_L} \right]$			$AGF_{32} \left[\overline{AF} \{ a_{rms} \} \right]$			$AGF_{32} \left[\overline{AF} \{ SI \} \right]$			$AGF_{32} \left[\overline{AF} \{ CAV \} \right]$			$AGF_{32} \left[\overline{AF} \{ I_A \} \right]$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	0.90	0.92	1.03	0.98	0.98	1.17	0.88	0.89	1.01	1.09	1.06	1.37	1.01	1.02	1.17	1.00	1.02	1.26	0.86	0.88	1.03	1.01	1.00	1.23	1.02	0.99	1.27	0.90	0.89	1.26
	E	0.87	0.90	0.95	0.93	0.96	1.05	0.86	0.89	0.94	1.01	1.01	1.18	1.00	1.00	1.16	0.98	1.01	1.16	0.87	0.89	0.99	0.96	0.96	1.07	0.99	0.98	1.24	0.87	0.87	1.18
	W	0.94	0.93	1.05	1.05	1.06	1.20	0.92	0.92	1.04	1.17	1.20	1.38	1.08	1.09	1.27	1.07	1.07	1.27	0.94	0.95	1.08	1.09	1.11	1.24	1.02	1.01	1.24	0.97	0.92	1.32
Site 2	P1	0.93	0.95	1.10	1.02	1.02	1.19	0.96	0.98	1.11	1.20	1.15	1.50	1.12	1.09	1.34	1.13	1.10	1.48	0.77	0.77	0.92	1.11	1.08	1.31	1.45	1.42	1.74	1.18	1.16	1.50
	P2	0.95	0.96	1.10	1.08	1.06	1.28	0.98	0.99	1.12	1.23	1.24	1.48	1.22	1.22	1.44	1.12	1.09	1.42	0.82	0.80	0.98	1.13	1.11	1.37	1.30	1.36	1.54	1.10	1.08	1.43
	P3	0.97	0.96	1.06	1.00	1.00	1.09	1.00	1.00	1.09	1.06	1.04	1.16	1.04	1.03	1.15	1.02	1.01	1.14	0.75	0.72	0.97	1.02	1.02	1.10	1.25	1.26	1.47	1.00	1.00	1.16
	P4	1.05	1.02	1.26	1.10	1.10	1.30	1.09	1.10	1.29	1.28	1.33	1.59	1.29	1.33	1.59	1.25	1.30	1.55	0.92	0.95	1.06	1.19	1.24	1.44	1.65	1.76	2.07	1.58	1.78	2.16

Table 12 Mean, median and 90% percentile (P90) for 3D/2D aggravation factors for vertical component (for Sites 1-2 and all EGM characteristics). Frequency range: 0.5-5 Hz.

Site	Profile	3D/2D aggravation factors vertical component, [0.5, 5]Hz																													
		$AGF_{32} \left[\overline{AF} \{ pga \} \right]$			$AGF_{32} \left[\overline{AF} \{ pgv \} \right]$			$AGF_{32} \left[\overline{F_A} \right]$			$AGF_{32} \left[\overline{F_V} \right]$			$AGF_{32} \left[\overline{F_0} \right]$			$AGF_{32} \left[\overline{F_L} \right]$			$AGF_{32} \left[\overline{AF} \{ a_{rms} \} \right]$			$AGF_{32} \left[\overline{AF} \{ SI \} \right]$			$AGF_{32} \left[\overline{AF} \{ CAV \} \right]$			$AGF_{32} \left[\overline{AF} \{ I_A \} \right]$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	0.92	0.90	1.07	0.94	0.93	1.05	0.92	0.90	1.06	0.96	0.95	1.06	0.91	0.89	1.09	0.92	0.90	1.09	0.88	0.85	1.04	0.93	0.92	1.05	0.94	0.92	1.12	0.85	0.82	1.18
	E	0.95	0.96	1.03	0.95	0.96	1.01	0.95	0.95	1.02	0.97	0.97	1.01	0.94	0.95	1.02	0.94	0.96	1.02	0.92	0.92	0.99	0.96	0.97	1.00	0.96	0.95	1.04	0.88	0.88	1.03
	W	1.07	1.06	1.29	1.10	1.07	1.39	1.05	1.06	1.23	1.16	1.05	1.56	1.07	1.04	1.26	1.06	1.06	1.24	1.06	1.03	1.33	1.10	1.05	1.37	1.07	1.05	1.26	1.15	1.05	1.55
Site 2	P1	0.90	0.90	1.06	0.98	0.97	1.12	0.93	0.93	1.09	1.10	1.10	1.26	1.10	1.11	1.27	1.04	1.06	1.22	0.76	0.77	0.87	1.04	1.03	1.17	1.40	1.39	1.63	1.11	1.07	1.40
	P2	1.01	1.00	1.23	1.07	1.07	1.24	1.03	1.03	1.22	1.18	1.17	1.41	1.17	1.16	1.39	1.11	1.08	1.39	0.86	0.83	1.07	1.10	1.08	1.29	1.28	1.26	1.58	1.13	1.05	1.59
	P3	0.93	0.91	1.09	0.97	0.95	1.08	0.95	0.93	1.10	1.06	1.07	1.22	1.04	1.04	1.16	0.99	0.96	1.14	0.71	0.68	0.88	1.00	0.99	1.11	1.25	1.24	1.49	0.96	0.91	1.19
	P4	1.20	1.11	1.71	1.30	1.22	1.76	1.23	1.15	1.74	1.52	1.43	1.86	1.50	1.44	1.83	1.34	1.35	1.73	1.14	1.09	1.62	1.37	1.31	1.77	1.75	1.81	2.03	2.02	1.95	3.06

Table 13 Mean, median and 90% percentile (P90) for 2D amplification factors for anti-plane horizontal component (for Sites 1-2 and all EGM characteristics). Frequency range: 0.5-5 Hz.

Site	Profile	2D amplification factors for anti-plane horizontal component, [0.5, 5]Hz																													
		$\overline{AF}\{pga\}$			$\overline{AF}\{pgv\}$			$\overline{F}_A$			$\overline{F}_V$			$\overline{F}_0$			$\overline{F}_L$			$\overline{AF}\{a_{rms}\}$			$\overline{AF}\{SI\}$			$\overline{AF}\{CAV\}$			$\overline{AF}\{I_A\}$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	3.96	3.93	4.71	3.66	3.83	4.79	3.96	3.93	4.51	3.96	4.12	5.87	4.00	4.40	5.23	4.58	4.55	5.52	3.66	3.61	4.22	3.76	3.88	5.08	5.82	5.43	7.77	23.18	23.45	31.77
	E	3.80	3.65	4.54	3.63	3.72	4.02	3.80	3.61	4.49	3.98	4.09	4.73	3.81	3.96	4.51	4.45	4.49	5.16	3.52	3.33	4.66	3.73	3.77	4.25	5.69	5.86	6.17	21.61	20.34	28.88
	W	3.76	3.65	4.67	3.67	3.67	4.27	3.75	3.64	4.72	4.00	4.00	5.01	3.96	3.83	4.76	4.14	3.95	4.91	3.38	3.31	4.57	3.80	3.74	4.56	5.76	5.95	6.60	21.13	18.78	28.98
Site 2	P1	2.62	2.53	3.06	2.81	2.70	3.60	2.55	2.45	2.99	3.27	3.19	4.31	3.15	3.05	4.15	3.23	3.06	4.15	2.11	2.00	2.57	2.95	2.85	3.78	5.25	5.43	6.12	12.66	11.85	17.33
	P2	2.78	2.74	3.35	2.99	3.00	3.42	2.67	2.61	3.22	3.48	3.60	4.25	3.38	3.49	4.14	3.48	3.55	4.14	2.28	2.25	2.89	3.13	3.16	3.71	5.53	5.75	6.39	14.26	14.36	17.78
	P3	2.68	2.63	3.08	2.99	3.02	3.44	2.58	2.53	3.01	3.50	3.56	4.23	3.36	3.35	3.97	3.30	3.29	3.69	2.15	2.08	2.51	3.12	3.21	3.68	5.16	5.42	5.88	12.86	12.65	15.92
	P4	2.39	2.29	2.99	2.65	2.59	3.25	2.30	2.20	2.87	3.23	3.16	4.08	3.12	3.16	4.01	3.23	3.23	4.01	2.01	1.86	2.63	2.83	2.79	3.47	4.67	4.63	5.23	10.47	9.90	13.49

Table 14 Mean, median and 90% percentile (P90) for 2D amplification factors for in-plane horizontal component (for Sites 1-2 and all EGM characteristics). Frequency range: 0.5-5 Hz.

Site	Profile	2D amplification factors for in-plane horizontal component, [0.5, 5]Hz																													
		$\overline{AF}\{pga\}$			$\overline{AF}\{pgv\}$			$\overline{F}_A$			$\overline{F}_V$			$\overline{F}_0$			$\overline{F}_L$			$\overline{AF}\{a_{rms}\}$			$\overline{AF}\{SI\}$			$\overline{AF}\{CAV\}$			$\overline{AF}\{I_A\}$		
		Mean	Median	p90	Mean	Median	p90	Mean	Median	p90	Mean	Median	p90	Mean	Median	p90	Mean	Median	p90	Mean	Median	p90	Mean	Median	p90	Mean	Median	p90	Mean	Median	p90
Site 1	C	3.77	3.82	4.38	3.58	3.59	4.46	3.84	3.84	4.37	3.72	3.77	5.19	3.91	4.15	5.04	4.41	4.48	5.12	3.69	3.64	4.50	3.71	3.74	4.75	5.60	5.77	6.72	22.49	23.30	30.25
	E	3.69	3.69	4.19	3.68	3.74	4.14	3.70	3.65	4.20	4.06	4.31	4.78	3.92	4.19	4.66	4.45	4.56	4.86	3.50	3.55	4.26	3.87	3.98	4.45	5.52	5.75	6.33	21.14	22.48	26.31
	W	3.57	3.53	4.08	3.62	3.67	4.10	3.57	3.51	4.10	4.05	4.20	4.94	3.99	4.02	4.71	4.11	4.02	4.83	3.28	3.20	4.13	3.84	3.88	4.45	5.70	5.90	6.49	20.41	20.16	25.51
Site 2	P1	2.04	1.98	2.41	2.22	2.18	2.81	2.02	1.95	2.34	2.64	2.66	3.44	2.56	2.54	3.28	2.55	2.55	3.25	1.76	1.71	2.13	2.36	2.37	2.96	3.80	3.89	4.41	7.69	7.41	9.43
	P2	2.20	2.14	2.65	2.31	2.27	2.83	2.19	2.14	2.68	2.71	2.79	3.38	2.64	2.73	3.31	2.74	2.72	3.31	1.85	1.79	2.38	2.47	2.50	3.00	4.27	4.42	4.93	8.99	8.65	12.48
	P3	2.22	2.20	2.50	2.38	2.42	2.62	2.21	2.17	2.50	2.77	2.90	3.22	2.69	2.76	3.10	2.70	2.74	3.02	1.84	1.82	2.13	2.53	2.60	2.86	4.01	4.07	4.58	8.40	8.28	10.42
	P4	2.10	2.05	2.31	2.37	2.34	2.61	2.07	2.05	2.27	2.75	2.78	3.17	2.68	2.70	3.21	2.75	2.73	3.17	1.69	1.61	2.10	2.49	2.48	2.69	3.84	3.92	4.24	7.44	7.34	9.34

Table 15 Mean, median and 90% percentile (P90) for 2D amplification factors for vertical component (for Sites 1-2 and all EGM characteristics). Frequency range: 0.5-5 Hz.

Site	Profile	2D amplification factors for vertical component, [0.5, 5]Hz																													
		$\overline{AF}\{pga\}$			$\overline{AF}\{pgv\}$			$\overline{F}_A$			$\overline{F}_V$			$\overline{F}_0$			$\overline{F}_L$			$\overline{AF}\{a_{rms}\}$			$\overline{AF}\{SI\}$			$\overline{AF}\{CAV\}$			$\overline{AF}\{I_A\}$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	3.03	2.84	5.19	2.37	2.09	4.09	3.00	2.91	4.96	1.68	1.34	2.69	3.00	2.76	5.00	3.18	3.13	5.07	3.36	3.24	5.53	2.13	1.90	3.42	3.22	3.11	5.27	12.88	9.56	27.89
	E	1.94	1.98	2.34	1.51	1.55	1.75	2.05	2.07	2.49	1.16	1.19	1.25	2.14	2.22	2.61	2.17	2.23	2.66	2.13	2.16	2.73	1.41	1.45	1.58	2.00	2.11	2.40	4.32	4.52	6.24
	W	2.61	2.22	4.09	2.11	1.92	2.92	2.61	2.22	4.03	1.63	1.63	2.15	2.55	2.27	3.81	2.80	2.37	4.29	2.90	2.45	4.90	1.95	1.78	2.67	2.98	2.83	4.03	9.16	6.64	18.05
Site 2	P1	6.04	6.20	7.78	6.41	6.73	8.33	5.73	5.89	7.43	6.88	7.25	8.86	6.49	6.84	8.38	6.39	6.74	8.32	6.00	6.19	7.77	6.42	6.72	8.05	8.74	9.11	10.82	56.54	58.54	84.44
	P2	5.46	5.79	6.91	5.66	6.19	7.42	5.19	5.47	6.57	5.88	6.59	7.88	5.61	6.29	7.51	5.84	6.48	7.47	5.30	5.71	6.89	5.60	6.18	7.22	8.29	9.06	10.09	48.42	52.99	69.80
	P3	5.41	5.79	6.68	5.38	5.57	7.15	5.15	5.49	6.23	5.53	5.95	7.71	5.43	5.75	7.37	5.84	6.08	7.46	5.20	5.35	6.59	5.22	5.43	6.96	7.63	8.07	8.93	43.09	44.81	58.39
	P4	4.21	4.29	5.83	4.46	4.60	6.55	4.02	4.25	5.54	4.62	5.50	6.24	4.41	5.23	5.90	4.73	5.21	5.87	3.70	3.92	4.60	4.42	4.87	6.14	6.43	6.96	7.87	27.41	28.23	39.23

Table 16 Mean, median and 90% percentile (P90) for 2D/1D aggravation factors for anti-plane horizontal component (for Sites 1-2 and all EGM characteristics). Frequency range: 0.5-5 Hz.

Site	Profile	2D/1D aggravation factors for anti-plane horizontal component, [0.5, 5]Hz																													
		$AGF_{21}[\overline{AF}\{pga\}]$			$AGF_{21}[\overline{AF}\{pgv\}]$			$AGF_{21}[\overline{F}_A]$			$AGF_{21}[\overline{F}_V]$			$AGF_{21}[\overline{F}_0]$			$AGF_{21}[\overline{F}_L]$			$AGF_{21}[\overline{AF}\{a_{rms}\}]$			$AGF_{21}[\overline{AF}\{SI\}]$			$AGF_{21}[\overline{AF}\{CAV\}]$			$AGF_{21}[\overline{AF}\{I_A\}]$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	1.15	1.13	1.30	1.13	1.10	1.30	1.14	1.13	1.34	1.22	1.13	1.50	1.19	1.12	1.44	1.21	1.20	1.45	1.07	1.06	1.26	1.19	1.13	1.38	1.53	1.39	1.98	1.75	1.65	2.45
	E	1.07	1.03	1.29	1.04	1.00	1.20	1.07	1.03	1.31	1.12	1.10	1.24	1.10	1.08	1.20	1.15	1.11	1.35	1.00	0.93	1.29	1.10	1.08	1.23	1.43	1.43	1.53	1.51	1.39	1.93
	W	1.10	1.05	1.29	1.09	1.04	1.21	1.10	1.04	1.32	1.15	1.14	1.34	1.13	1.07	1.29	1.14	1.09	1.35	1.00	0.95	1.30	1.14	1.12	1.29	1.52	1.57	1.68	1.62	1.56	2.07
Site 2	P1	1.24	1.17	1.50	1.21	1.14	1.58	1.24	1.18	1.51	1.26	1.25	1.67	1.24	1.21	1.63	1.23	1.17	1.63	1.03	0.97	1.38	1.25	1.21	1.62	1.84	1.92	2.16	2.09	1.95	3.00
	P2	1.30	1.30	1.53	1.30	1.30	1.50	1.29	1.28	1.54	1.34	1.37	1.61	1.33	1.34	1.60	1.32	1.30	1.60	1.08	1.08	1.37	1.33	1.35	1.56	1.91	2.02	2.23	2.27	2.28	2.99
	P3	1.24	1.20	1.43	1.27	1.22	1.55	1.23	1.20	1.40	1.31	1.33	1.64	1.29	1.30	1.58	1.25	1.22	1.45	1.01	1.00	1.23	1.29	1.29	1.56	1.77	1.89	2.09	2.01	2.09	2.57
	P4	1.14	1.11	1.33	1.10	1.09	1.21	1.14	1.11	1.40	1.21	1.24	1.35	1.20	1.23	1.32	1.22	1.23	1.39	0.98	1.00	1.20	1.18	1.17	1.33	1.63	1.61	1.89	1.71	1.61	2.19

Table 17 Mean, median and 90% percentile (P90) for 2D/1D aggravation factors for in-plane horizontal component (for Sites 1-2 and all EGM characteristics). Frequency range: 0.5-5 Hz.

Site	Profile	2D/1D aggravation factors for in-plane horizontal component, [0.5, 5]Hz																													
		$AGF_{21}[\overline{AF}\{pga\}]$			$AGF_{21}[\overline{AF}\{pgv\}]$			$AGF_{21}[\overline{F_A}]$			$AGF_{21}[\overline{F_V}]$			$AGF_{21}[\overline{F_0}]$			$AGF_{21}[\overline{F_L}]$			$AGF_{21}[\overline{AF}\{a_{rms}\}]$			$AGF_{21}[\overline{AF}\{SI\}]$			$AGF_{21}[\overline{AF}\{CAV\}]$			$AGF_{21}[\overline{AF}\{I_A\}]$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	1.14	1.14	1.29	1.11	1.12	1.24	1.15	1.16	1.28	1.14	1.10	1.37	1.16	1.14	1.37	1.17	1.17	1.32	1.09	1.07	1.22	1.15	1.15	1.29	1.47	1.48	1.80	1.69	1.79	2.22
	E	1.09	1.08	1.20	1.07	1.08	1.19	1.09	1.07	1.20	1.13	1.13	1.23	1.12	1.12	1.21	1.15	1.17	1.24	1.01	1.01	1.19	1.11	1.13	1.19	1.39	1.41	1.58	1.49	1.48	1.81
	W	1.08	1.06	1.19	1.08	1.07	1.19	1.08	1.07	1.19	1.15	1.15	1.32	1.12	1.13	1.28	1.13	1.11	1.31	0.99	0.99	1.18	1.13	1.12	1.26	1.49	1.55	1.69	1.55	1.57	1.85
Site 2	P1	1.02	1.00	1.23	0.99	0.98	1.26	1.03	1.01	1.23	1.04	1.05	1.38	1.02	1.01	1.33	1.00	1.01	1.33	0.97	0.96	1.27	1.02	1.03	1.31	1.42	1.45	1.69	1.47	1.44	1.97
	P2	1.09	1.09	1.36	1.03	1.05	1.25	1.10	1.10	1.39	1.07	1.10	1.31	1.06	1.08	1.31	1.06	1.08	1.27	0.98	0.96	1.31	1.06	1.10	1.30	1.58	1.66	1.84	1.66	1.68	2.47
	P3	1.11	1.11	1.24	1.06	1.08	1.22	1.12	1.12	1.25	1.07	1.13	1.30	1.07	1.10	1.27	1.07	1.07	1.26	0.97	0.97	1.17	1.07	1.10	1.25	1.48	1.55	1.69	1.54	1.59	2.01
	P4	1.07	1.07	1.18	1.05	1.09	1.13	1.09	1.06	1.20	1.05	1.08	1.17	1.05	1.07	1.18	1.07	1.06	1.24	0.93	0.92	1.09	1.07	1.09	1.16	1.46	1.46	1.65	1.45	1.40	1.74

Table 18 Mean, median and 90% percentile (P90) for 2D/1D aggravation factors for vertical component (for Sites 1-2 and all EGM characteristics). Frequency range: 0.5-5 Hz.

Site	Profile	2D/1D aggravation factors for vertical component, [0.5, 5]Hz																													
		$AGF_{21}[\overline{AF}\{pga\}]$			$AGF_{21}[\overline{AF}\{pgv\}]$			$AGF_{21}[\overline{F_A}]$			$AGF_{21}[\overline{F_V}]$			$AGF_{21}[\overline{F_0}]$			$AGF_{21}[\overline{F_L}]$			$AGF_{21}[\overline{AF}\{a_{rms}\}]$			$AGF_{21}[\overline{AF}\{SI\}]$			$AGF_{21}[\overline{AF}\{CAV\}]$			$AGF_{21}[\overline{AF}\{I_A\}]$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	1.95	1.76	2.99	1.74	1.65	2.66	1.88	1.72	2.88	1.39	1.23	1.91	1.90	1.72	2.76	1.93	1.76	2.80	2.11	1.94	3.11	1.62	1.51	2.34	2.10	1.97	3.05	4.79	3.79	9.19
	E	1.20	1.16	1.39	1.15	1.13	1.28	1.20	1.16	1.39	1.04	1.03	1.08	1.22	1.18	1.41	1.22	1.17	1.42	1.27	1.22	1.55	1.11	1.09	1.21	1.26	1.23	1.43	1.60	1.52	2.02
	W	1.61	1.39	2.47	1.46	1.31	2.10	1.57	1.36	2.45	1.23	1.16	1.53	1.55	1.38	2.29	1.62	1.43	2.47	1.75	1.57	2.82	1.39	1.26	1.92	1.85	1.71	2.41	3.39	2.56	6.33
Site 2	P1	3.07	3.05	3.94	3.09	3.11	3.75	2.94	2.96	3.78	3.34	3.38	4.03	3.21	3.27	3.85	2.98	3.06	3.75	3.01	3.03	3.84	3.18	3.26	3.70	4.20	4.23	5.02	13.32	13.19	19.58
	P2	2.79	2.84	3.43	2.79	2.86	3.34	2.67	2.71	3.31	2.94	3.07	3.47	2.86	2.97	3.38	2.78	2.99	3.42	2.70	2.80	3.48	2.84	2.93	3.33	4.06	4.20	4.63	11.61	11.87	16.01
	P3	2.66	2.74	3.32	2.60	2.65	3.19	2.56	2.64	3.16	2.73	2.80	3.41	2.70	2.73	3.41	2.72	2.83	3.46	2.53	2.51	3.34	2.63	2.69	3.25	3.57	3.68	4.11	9.65	9.64	13.33
	P4	2.20	2.12	2.90	2.17	2.11	2.92	2.13	2.14	2.81	2.19	2.36	2.78	2.14	2.31	2.69	2.23	2.29	2.74	1.92	1.90	2.26	2.17	2.22	2.78	3.18	3.31	3.70	6.74	6.76	8.71

Table 19 Mean, median and 90% percentile (P90) for 1D amplification factors for horizontal component (for all Sites 1-7 and all EGM characteristics). Frequency range: 0.2-20 Hz.

Site	Profile	1D amplification factors for horizontal component, [0.2, 20]Hz																													
		$\overline{AF}\{pga\}$			$\overline{AF}\{pgv\}$			$\overline{F}_A$			$\overline{F}_V$			$\overline{F}_0$			$\overline{F}_L$			$\overline{AF}\{a_{rms}\}$			$\overline{AF}\{SI\}$			$\overline{AF}\{CAV\}$			$\overline{AF}\{I_A\}$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	3.22	3.25	3.54	2.77	2.89	3.27	3.08	3.21	3.47	3.01	3.39	3.86	2.75	2.97	3.95	3.84	3.86	3.96	3.21	3.14	3.55	3.04	3.27	3.67	3.50	3.46	3.74	11.31	10.87	12.96
	E	3.24	3.24	3.59	2.87	3.01	3.13	3.06	3.01	3.37	3.33	3.69	3.81	3.33	3.69	3.81	3.82	3.85	3.94	3.26	3.30	3.54	3.24	3.48	3.63	3.57	3.62	3.67	11.67	11.73	12.81
	W	3.12	3.14	3.45	2.95	3.08	3.19	2.90	2.91	3.34	3.37	3.59	3.75	3.16	3.40	3.75	3.68	3.71	3.78	3.12	3.13	3.42	3.29	3.43	3.57	3.42	3.44	3.58	10.73	10.86	12.18
Site 2	P1	1.92	1.84	2.20	2.24	2.26	2.37	1.80	1.72	2.13	2.57	2.62	2.85	2.55	2.74	2.92	2.81	2.90	2.99	1.87	1.79	2.37	2.38	2.37	2.63	2.73	2.73	2.90	5.19	4.81	6.45
	P2	1.95	1.86	2.27	2.20	2.21	2.39	1.83	1.74	2.15	2.52	2.56	2.95	2.45	2.68	2.88	2.75	2.75	3.00	1.93	1.83	2.42	2.35	2.30	2.66	2.71	2.71	2.87	5.32	4.86	6.58
	P3	1.97	1.92	2.25	2.26	2.29	2.42	1.86	1.81	2.15	2.64	2.69	3.00	2.57	2.71	2.91	2.84	2.94	3.02	1.99	1.90	2.47	2.48	2.60	2.73	2.77	2.75	3.00	5.60	5.68	6.72
	P4	1.93	1.83	2.22	2.24	2.30	2.39	1.79	1.67	2.16	2.58	2.61	2.91	2.55	2.86	2.94	2.82	2.91	3.00	1.84	1.64	2.43	2.37	2.35	2.66	2.76	2.76	2.87	5.15	4.68	6.81
Site 4	S4	2.36	2.42	2.60	1.62	1.60	1.91	2.63	2.71	2.75	1.30	1.21	1.70	2.20	2.20	2.91	2.75	2.83	2.92	2.29	2.38	2.49	1.58	1.55	1.97	2.40	2.45	2.75	5.66	5.94	6.97
Site 5	S5	1.72	1.73	1.76	1.61	1.61	1.64	1.70	1.71	1.76	1.61	1.61	1.66	1.61	1.62	1.64	1.65	1.63	1.70	1.72	1.72	1.76	1.66	1.66	1.70	1.75	1.74	1.80	3.03	3.02	3.20
Site 6	S6g	2.17	2.16	2.26	1.78	1.83	1.92	2.25	2.26	2.32	1.86	2.01	2.08	1.96	2.06	2.11	2.14	2.12	2.16	2.16	2.18	2.24	1.88	1.94	2.06	2.22	2.21	2.27	4.79	4.80	4.99
	S6h	2.02	2.04	2.11	1.60	1.63	1.71	2.22	2.22	2.32	1.61	1.72	1.84	1.66	1.77	1.80	1.89	1.80	2.22	2.00	2.00	2.10	1.65	1.68	1.82	2.06	2.05	2.11	4.15	4.15	4.36
Site 7	S7	2.89	2.87	3.07	2.36	2.36	2.49	2.93	2.89	3.06	2.34	2.32	2.47	2.24	2.27	2.37	2.47	2.32	2.93	2.85	2.82	3.03	2.50	2.49	2.63	3.06	3.03	3.16	8.84	8.63	9.63

Table 20 Mean, median and 90% percentile (P90) for 1D amplification factors for vertical component (for all Sites 1-7 and all EGM characteristics). Frequency range: 0.2-20 Hz.

Site	Profile	1D amplification factors for vertical component, [0.2, 20]Hz																													
		$\overline{AF}\{pga\}$			$\overline{AF}\{pgv\}$			$\overline{F}_A$			$\overline{F}_V$			$\overline{F}_0$			$\overline{F}_L$			$\overline{AF}\{a_{rms}\}$			$\overline{AF}\{SI\}$			$\overline{AF}\{CAV\}$			$\overline{AF}\{I_A\}$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	1.70	1.78	1.85	1.36	1.36	1.58	1.74	1.79	1.89	1.18	1.12	1.42	1.54	1.65	1.86	1.79	1.84	1.89	1.71	1.77	1.85	1.32	1.34	1.53	1.64	1.71	1.75	2.82	3.07	3.16
	E	1.73	1.72	1.92	1.34	1.35	1.40	1.75	1.72	1.93	1.14	1.15	1.22	1.74	1.81	1.84	1.83	1.83	1.93	1.75	1.73	1.90	1.32	1.36	1.38	1.69	1.70	1.77	2.98	2.96	3.37
	W	1.70	1.71	1.76	1.44	1.49	1.58	1.73	1.75	1.80	1.31	1.33	1.51	1.66	1.71	1.82	1.76	1.78	1.82	1.73	1.77	1.78	1.42	1.45	1.56	1.68	1.71	1.74	2.90	3.00	3.09
Site 2	P1	1.77	1.75	1.89	1.84	1.93	1.99	1.65	1.62	1.77	1.95	2.12	2.22	1.85	2.05	2.19	2.09	2.12	2.22	1.81	1.79	1.93	1.91	1.99	2.15	1.90	1.92	1.95	3.39	3.38	3.68
	P2	1.77	1.76	1.90	1.78	1.91	1.96	1.66	1.63	1.86	1.86	2.12	2.19	1.87	2.12	2.20	2.06	2.12	2.21	1.82	1.80	1.94	1.84	1.98	2.15	1.89	1.92	1.97	3.40	3.41	3.73
	P3	1.77	1.75	1.94	1.80	1.86	1.94	1.65	1.62	1.79	1.88	2.11	2.15	1.93	2.12	2.18	2.08	2.12	2.18	1.84	1.80	1.96	1.84	1.93	2.07	1.91	1.92	2.01	3.47	3.42	3.81
	P4	1.78	1.77	1.87	1.86	1.96	2.07	1.66	1.62	1.93	1.94	2.19	2.24	1.94	2.19	2.24	2.14	2.20	2.24	1.81	1.79	1.94	1.93	2.14	2.17	1.89	1.91	1.95	3.38	3.35	3.66
Site 4	S4	1.69	1.60	2.33	1.23	1.19	1.51	1.81	1.76	2.46	1.03	1.02	1.09	1.81	1.76	2.46	1.93	1.96	2.47	1.71	1.66	2.31	1.16	1.11	1.38	1.60	1.55	2.11	2.87	2.57	4.87
Site 5	S5	1.37	1.37	1.40	1.25	1.26	1.27	1.43	1.42	1.46	1.24	1.26	1.27	1.25	1.26	1.28	1.25	1.25	1.27	1.39	1.38	1.41	1.24	1.25	1.26	1.37	1.37	1.38	1.89	1.89	1.94
Site 6	S6g	1.64	1.60	1.81	1.28	1.29	1.33	1.69	1.69	1.81	1.10	1.10	1.16	1.63	1.68	1.75	1.74	1.76	1.81	1.66	1.64	1.79	1.25	1.30	1.30	1.58	1.58	1.67	2.64	2.60	2.99
	S6h	1.38	1.36	1.50	1.18	1.20	1.22	1.41	1.42	1.50	1.07	1.07	1.13	1.37	1.40	1.49	1.45	1.46	1.50	1.40	1.39	1.49	1.16	1.19	1.22	1.36	1.36	1.42	1.90	1.89	2.12
Site 7	S7	1.72	1.69	1.75	1.45	1.48	1.50	1.77	1.75	1.88	1.34	1.40	1.44	1.52	1.57	1.57	1.65	1.59	1.90	1.73	1.72	1.79	1.41	1.45	1.47	1.68	1.67	1.70	2.91	2.87	3.04

Table 21 Mean, median and 90% percentile (P90) for 1D amplification factors for horizontal component (for Sites 1-2 and all EGM characteristics). Frequency range: 0.5-5 Hz.

Site	Profile	1D amplification factors for horizontal component, [0.5, 5]Hz																													
		$\overline{AF}\{pga\}$			$\overline{AF}\{pgv\}$			$\overline{F_A}$			$\overline{F_V}$			$\overline{F_0}$			$\overline{F_L}$			$\overline{AF}\{a_{rms}\}$			$\overline{AF}\{SI\}$			$\overline{AF}\{CAV\}$			$\overline{AF}\{I_A\}$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	3.47	3.51	3.84	3.22	3.50	3.79	3.48	3.47	3.84	3.15	3.65	3.93	3.31	3.62	3.95	3.78	3.86	3.99	3.43	3.43	3.82	3.10	3.43	3.71	3.77	3.90	4.04	13.19	14.05	15.49
	E	3.55	3.64	3.87	3.50	3.65	3.96	3.54	3.60	3.86	3.55	3.89	4.02	3.46	3.84	3.97	3.89	3.92	4.05	3.53	3.62	3.81	3.41	3.66	3.87	3.97	4.02	4.23	14.25	14.54	15.83
	W	3.40	3.48	3.71	3.39	3.43	3.74	3.39	3.45	3.74	3.45	3.67	3.78	3.51	3.62	3.76	3.62	3.66	3.78	3.36	3.44	3.67	3.34	3.47	3.61	3.78	3.83	3.94	13.00	13.47	14.47
Site 2	P1	2.13	2.06	2.42	2.33	2.31	2.64	2.07	1.99	2.35	2.62	2.63	3.03	2.55	2.55	2.85	2.64	2.56	3.00	2.09	2.00	2.48	2.38	2.38	2.64	2.87	2.86	3.08	6.26	5.96	7.94
	P2	2.15	2.05	2.45	2.32	2.27	2.70	2.08	1.99	2.35	2.60	2.63	3.20	2.54	2.61	3.06	2.65	2.62	3.06	2.13	2.00	2.59	2.37	2.37	2.79	2.90	2.90	3.11	6.44	6.11	7.95
	P3	2.18	2.14	2.46	2.36	2.27	2.72	2.11	2.06	2.36	2.68	2.60	3.24	2.60	2.54	3.06	2.65	2.54	3.09	2.17	2.09	2.58	2.42	2.36	2.84	2.92	2.92	3.12	6.57	6.23	8.08
	P4	2.10	2.07	2.24	2.40	2.45	2.55	2.02	1.99	2.23	2.67	2.66	2.90	2.58	2.69	2.93	2.65	2.69	2.93	2.05	1.93	2.57	2.40	2.43	2.56	2.87	2.82	3.12	6.21	5.88	8.00

Table 22 Mean, median and 90% percentile (P90) for 1D amplification factors for vertical component (for Sites 1-2 and all EGM characteristics). Frequency range: 0.5-5 Hz.

Site	Profile	1D amplification factors for vertical component, [0.5, 5]Hz																													
		$\overline{AF}\{pga\}$			$\overline{AF}\{pgv\}$			$\overline{F_A}$			$\overline{F_V}$			$\overline{F_0}$			$\overline{F_L}$			$\overline{AF}\{a_{rms}\}$			$\overline{AF}\{SI\}$			$\overline{AF}\{CAV\}$			$\overline{AF}\{I_A\}$		
		Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90	Mean	Median	P90
Site 1	C	1.48	1.64	1.74	1.31	1.29	1.60	1.53	1.70	1.83	1.18	1.10	1.45	1.50	1.61	1.82	1.58	1.81	1.91	1.51	1.71	1.85	1.27	1.26	1.54	1.46	1.58	1.75	2.28	2.68	3.20
	E	1.62	1.79	1.85	1.32	1.37	1.48	1.72	1.86	1.94	1.12	1.13	1.21	1.76	1.96	2.02	1.78	1.96	2.03	1.68	1.86	1.92	1.27	1.32	1.41	1.58	1.72	1.82	2.71	3.17	3.44
	W	1.62	1.66	1.72	1.45	1.51	1.60	1.66	1.72	1.77	1.32	1.35	1.55	1.65	1.70	1.80	1.72	1.76	1.83	1.65	1.70	1.74	1.41	1.45	1.57	1.61	1.65	1.72	2.68	2.80	3.00
Site 2	P1	1.95	2.01	2.11	2.03	2.18	2.26	1.94	1.98	2.09	2.04	2.25	2.33	2.00	2.21	2.29	2.12	2.17	2.28	1.98	2.02	2.19	1.98	2.12	2.25	2.06	2.16	2.22	4.15	4.36	4.79
	P2	1.93	2.03	2.15	1.97	2.18	2.27	1.92	2.00	2.12	1.95	2.25	2.33	1.91	2.18	2.26	2.06	2.16	2.27	1.94	2.01	2.24	1.92	2.11	2.25	2.01	2.16	2.25	4.02	4.36	4.98
	P3	2.01	2.07	2.19	2.02	2.16	2.27	2.00	2.03	2.20	1.98	2.25	2.29	1.96	2.16	2.22	2.13	2.15	2.27	2.04	2.06	2.32	1.93	2.08	2.22	2.11	2.18	2.28	4.37	4.42	5.09
	P4	1.87	1.99	2.05	1.99	2.21	2.28	1.86	1.95	2.04	2.02	2.33	2.35	1.97	2.26	2.29	2.08	2.27	2.29	1.90	2.01	2.08	1.97	2.22	2.25	1.98	2.12	2.21	3.86	4.28	4.56