

**Table S1.** Site amplification file for B soil class (Klimis et al, 2006).

<b>f (Hz)</b>	<b>Amp</b>
0.11	1.309
0.16	1.3229
0.3	1.3709
0.46	1.4316
0.79	1.5733
1.06	1.6795
1.25	1.7377
1.54	1.8174
1.76	1.8692
2.07	1.9337
2.55	2.0197
3.42	2.1513
4.94	2.3258
7.24	2.5332
9.2	2.6685
15.72	2.9683
23.49	3.1921
30.42	3.3262
45.38	3.5247

*Amplifications are provided without high frequency attenuation ( $\kappa$ ) effects and are corrected for crustal amplification effects according to Boore et al. (2009). Notice that amplifications are the same for both stations listed in the parameter file (MYKO and ZKR), as both are bedrock stations. The values provided here correspond to file “BGR\_N.txt.mod” listed in the parameter file.*