

Environmental Impact Assessment Report

Appendix 12.3

Volume 3 Part 7



APPENDIX 12.3 – SOURCE BAND LEVELS

Unweighted source band levels for the three types of piling.

Centre band frequency [Hz]	Impact piling Single blow SEL	Vibration piling round piles 1 second SPL	Vibration piling sheet piles 1 second SPL
316	196	186	162
398	197	211	172
501	196	190	167
631	207	185	183
794	186	185	180
1000	189	173	185
1250	196	151	188
1600	194	161	201
2000	194	146	194
2500	196	158	187
3150	199	160	181
4000	197	134	189
5000	196	122	192
6300	191	115	195
8000	191	169	187
10000	194	151	180
12500	187	90	171
16000	171	112	147