

## Appendix 4.6

TIL,dB	Octave Band Center Frequency – Hz																			
	6.3	8	10	12.5	16	20	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
Type 1a	3.0	1.0	0.0	0.0	-1.0	-4.0	-5.0	-3.0	-3.0	0.0	-9.0	-13.0	-10.0	-12.0	-12.0	-13.0	-12.0	-10.0	-5.0	-5.0
Type 1b	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	-3.0	-14.0	-20.0	-15.0	-15.0	-13.0	-21.0	-18.0	-16.0	-12.0	-9.0

Type 1a: A medium attenuation baseplate or booted dual sleepers based on a bonded or non-bonded compression style baseplate with a resilient elastomeric element having static stiffness of about 25 kN/mm, to be fitted atop the concrete sleepers or atop the invert,

Type 1b: Resiliently supported sleepers whose resilient support pad is manufactured from natural rubber and has a static stiffness in the order of 15kN/mm to 20 kN/mm;

