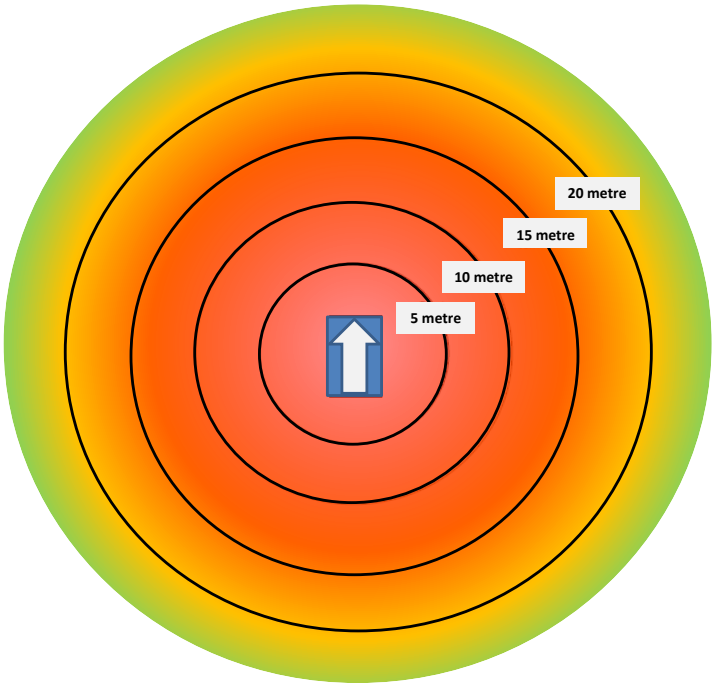
Noise Assessment Record
Junttan PM20 (G18)

Greenpiling

Task undertaken	Installation of precast concrete piles



Location	Sound Pressure Level, LAeq	
Cab (Window closed)	82	dB(A)
Cab (Window open)	87	dB(A)
5m from machine	95.5	dB(A)
10m from machine	91.6	dB(A)
15m from machine	88.4	dB(A)
20m from machine	84.6	dB(A)
Background noise	80	dB(A)

Daily Personal Noise Exposure ($L_{EP,d}$)		
Operatives 5m from machine	95	dB(A)
Machine operator (window closed)	83	dB(A)

Note: Sound levels radiating from the machine will vary depending on prevailing site conditions and proximity of surrounding structures

Noise Control Measures

- Engine bay doors closed during operation.
- Regular maintenance of equipment conducted
- Wooden packers within helmet reduces noise slightly
- Correctly fitted hearing protection with minimum SNR value of 30 must be worn within 20metres of the rig. Rig operator may remove hearing protection provided windows remain closed
- The Principal Contractor shall be notified of the noise levels so that the risks to other contractors on site can be determined