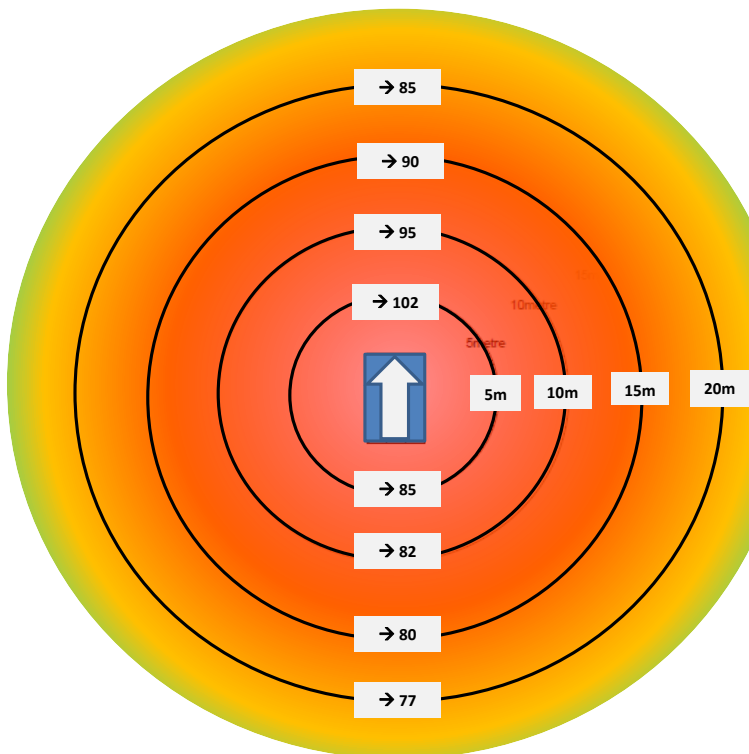


# Noise Assessment Record

## Junttan PM16

|                                                                                    |  |                                                                                                                                                                                        |       |                            |       |
|------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------|-------|
| Task undertaken                                                                    |  | Installation of 200mm sq. precast piles                                                                                                                                                |       |                            |       |
|  |  | Location                                                                                                                                                                               |       | Sound Pressure Level, LAeq |       |
|                                                                                    |  | Cab (Window closed)                                                                                                                                                                    |       | 72                         | dB(A) |
|                                                                                    |  | Cab (Window open)                                                                                                                                                                      |       | →85                        | dB(A) |
|                                                                                    |  | 5m from machine                                                                                                                                                                        |       | →102                       | dB(A) |
|                                                                                    |  | 10m from machine                                                                                                                                                                       |       | →95                        | dB(A) |
|                                                                                    |  | 15m from machine                                                                                                                                                                       |       | →90                        | dB(A) |
|                                                                                    |  | 20m from machine                                                                                                                                                                       |       | →85                        | dB(A) |
|                                                                                    |  | Background noise                                                                                                                                                                       |       | 77                         | dB(A) |
|                                                                                    |  | Daily Personal Noise Exposure (LEP,d)                                                                                                                                                  |       |                            |       |
|                                                                                    |  | Operatives 5m from machine                                                                                                                                                             |       | 100                        | dB(A) |
| Machine operator (window open)                                                     |  | 84                                                                                                                                                                                     | dB(A) |                            |       |
| Machine operator (window closed)                                                   |  | 71                                                                                                                                                                                     | dB(A) |                            |       |
| Noise Control Measures                                                             |  | Note: Sound levels radiating from the machine will vary depending on prevailing site conditions and proximity of surrounding structures                                                |       |                            |       |
|                                                                                    |  | Engine bay doors closed during operation.                                                                                                                                              |       |                            |       |
|                                                                                    |  | Regular maintenance of equipment conducted                                                                                                                                             |       |                            |       |
|                                                                                    |  | Correctly fitted hearing protection with minimum SNR value of 30 must be worn by all persons within 20m of the rig. Rig operator to wear hearing protection if the window/door is open |       |                            |       |
|                                                                                    |  | The Principal Contractor shall be notified of the noise levels so that the risks to other contractors on site can be determined                                                        |       |                            |       |

