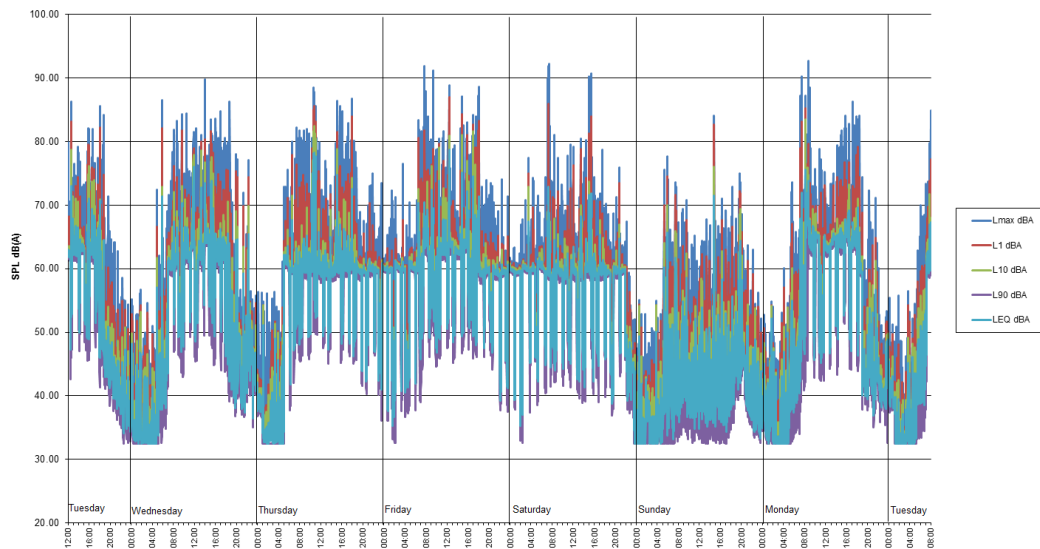


## PALMER ACOUSTICS (Australia) Pty Ltd

### MEMS BASED ENVIRONMENTAL NOISE LOGGERS

Palmer Acoustics have developed a range of MEMS (micro electro mechanical systems) environmental noise loggers. These loggers using MEMS microphones are capable of providing the same output as supplied by a standard environmental noise logger. The noise loggers provide as a minimum ANSI Class Type 2 accuracy and have been found to provide data to within 1 dB of the data measured with a NATA calibrated Type 2 noise logger. These loggers are able to log noise as below, with a noise floor down to under 35 dB(A).



These loggers, with windshield protection, are able to withstand heavy rain and wind conditions.

The loggers are of 2 types:

1. **Logger Model 1:** Noise logger mounted in a fixed location and able to log for up to 1 week on its internal battery.

These loggers are unobtrusive, light weight, easy to install with cable ties and are not easily damaged. They can easily be transported and often are supplied to site pre-programmed and operating.



These loggers are hired out at \$15/day (GST inc).

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2. **Logger Model 2:** Noise logger in fixed location with WiFi output.

These loggers through a solar 5V power supply and 3G connection are able to send data back to an internet connected computer. The instrument is able to upload and present data at pre-set intervals (down to 5 minutes) and send emailed alarm messages if required.

These loggers are hired out at \$20/day (GST inc).



Should it be required that the logged data be analysed and presented by our office this service will be charged at our standard rate of \$190/hr (GST inc).

For any enquiries regarding noise logging or any of our other acoustic engineering services please do not hesitate to contact us as below.

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