

# Environmental Monitoring Report I

## Blast Monitoring Data

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# Bombo Quarry

December 2023

Date Published: 28th November 2023



This monitoring report is to satisfy the requirements of Section 66 (6) of the Protection of the Environment and Operations Act 1997, to make available, within 14 days of obtaining any monitoring data that relates to pollution under an Environment Protection Licence.

The monitoring of pollutants provided in this report is undertaken as per the requirements of Environment Protection Licence 313 (EPL 313 . Boral Bombo Quarry).

This report provides environmental monitoring data for Bombo Quarry for April 2016 to present day. If there is a gap in data presented in the report this is because there was no monitoring data to present for the relevant period. Note there was no blasting at Bombo for the period of April 2016 to November 2023.

**Bombo Quarry Information Report (BT/F2 12 T**

Blast monitoring is conducted as per condition M4.1 of EPL 313.

**Qualifications related to blasting:  
Extracted from EPL: 313**

L2.1 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 5mm/second at any time.

L2.2 The overpressure level from blasting operations on the premises must not exceed 120 (Lin Peak) at any time.

L2.3 Blasting operations at the premises may only take place between 08:30 hours and 17:00 hours, Monday to Friday. (Where compelling safety reasons exist, the Authority may permit a blast to occur outside the abovementioned hours. Prior written (or facsimile) notification of any such blast must be made to the Authority).

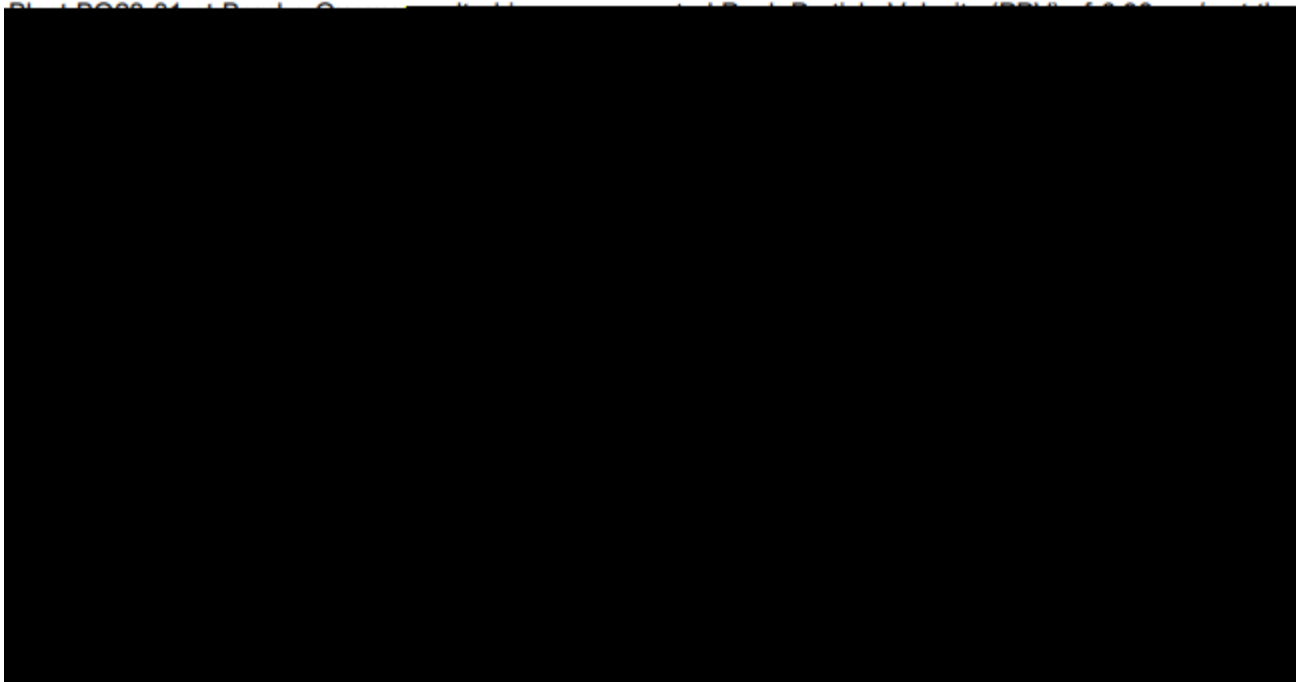
M4.1 Each production blast must be monitored and recorded at the points E, G and K set out on the

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## Blast Monitoring Results

EPA ID (Shot Number)	Monitoring Frequency	Date Sampled	Date Results Obtained	Date Results Published	Blast Results		Trigger Level (dB)	Trigger Level (mm/s)	Most affected residence	Sample Compliant? (YES/NO)	Comments
					Over Pressure (dB)	Peak Vibration (mm/s)	Over Pressure (dB)	Peak Vibration (mm/s)			
					115	5					
					120	10					

\*\* Summary of investigation into elevated vibration at point K on 4 December 2023



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## Bombo Quarry- Blast Monitoring Location

### Blast Monitoring Results -