



# Bombala Quarry

## Environmental Monitoring Report

June 2017

Date Published: 18 July 2017



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 12891 (EPL 12891 – Boral Bombala Quarry)

This report provides environmental monitoring data for Bombala Quarry for the period 1<sup>st</sup> to 30<sup>th</sup> June 2017.

Bombala Quarry Information	
Premise Details	Boral – Bombala Quarry
Address	High Lake Rd, Bombala NSW 2632
Licensee	Boral Resources (Country) Pty Ltd
EPL No	12891
EPL Location	<a href="http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32707&amp;SYSUID=1&amp;LICID=12891">http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32707&amp;SYSUID=1&amp;LICID=12891</a>

Monitoring data in this report relates to the monitoring undertaken in June 2017 for the following environmental pollutants:

- Blasting
- Dust

## Blasting

Blast monitoring is conducted as per condition L4.1 of EPL 12891. The blasting monitoring results are summarised below.

Monitoring Period: Juney 2017  
Licensee: Bombala Quarry  
Licensee Address: High Lake Rd, Bombala NSW 2632  
EPL No: 12891

### Qualifications related to blasting:

The airblast overpressure level from blasting operations in or on the premises must not exceed:

- a) 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period; and
- b) 120 dB (Lin Peak) at any time.

The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed:

- a) 5mm/s for more than 5% of the total number of blasts carried out on the premises during each reporting period; and
- b) 10 mm/s at any time.

Airblast overpressure and ground vibration levels must be measured at most affected residence or noise sensitive location that is not owned by the licensee or subject to a private agreement between the owner of the residence or noise sensitive location and the licensee as to an alternative overpressure level.

Results							
Location	Blast Date	Results Received	Blast Time	Ground Vibration Result	GV Compliant	Overpressure Result	OP Compliant
NA	NA	NA	NA	NA	NA	NA	NA

The blast data indicates that there were no blasts in June 2017.

## Air Quality

Air Quality Monitoring is conducted as per condition P1.1 of EPL 12891. The air quality results for the reporting period are tabled below.

### Deposited Dust

Deposited Dust (g/m<sup>2</sup>/month) results for June 2017.

Sample Period: June 2017  
Date received: 17/07/17  
Licensee: Bombala Quarry  
Licensee Address: High Lake Rd, Bombala NSW 2632  
EPL No: 12891

#### Qualifications related to Dust

Air Emissions Monitoring - Dust Deposition Gauge

<b>Results</b>				
<b>Location</b>	<b>Monitoring Frequency</b>	<b>Pollutant</b>	<b>Measurement</b>	<b>Unit</b>
Monitoring Point 1	Monthly	Ash	1.27	g/m <sup>2</sup> /month
		Insoluble Solids	2.39	g/m <sup>2</sup> /month
		Soluble Matter	0.04	g/m <sup>2</sup> /month
		Total Solid Particles	2.42	g/m <sup>2</sup> /month
Monitoring Point 2	Monthly	Ash	1.58	g/m <sup>2</sup> /month
		Insoluble Solids	2.79	g/m <sup>2</sup> /month
		Soluble Matter	0.72	g/m <sup>2</sup> /month
		Total Solid Particles	3.51	g/m <sup>2</sup> /month

## Bombala Quarry Monitoring Locations.

### Blast & Dust Monitoring Locations

