



# Hall Quarry

## Environmental Monitoring Report

July 2018

Date Published: August 2018



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 4082 (EPL 4082 – Boral Hall Quarry)

This report provides environmental monitoring data for Hall Quarry for the period 1<sup>st</sup> November to 31<sup>st</sup> July 2018.

Hall Quarry Information	
Premise Details	Boral – Hall Quarry
Address	Kaveney Rd, Murrumbateman NSW 2582
Licensee	Boral Resources (Country) Pty Ltd
EPL No	4082
EPL Location	<a href="http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33148&amp;SYSUID=1&amp;LICID=4082">http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33148&amp;SYSUID=1&amp;LICID=4082</a>

Monitoring data in this report relates to the monitoring undertaken in June 2018 for the following environmental pollutants:

- Blasting

## Blasting

Blast monitoring is conducted as per condition L6.3 of EPL 4082. The blasting monitoring results are summarised below.

Monitoring Period: July 2018  
 Licensee: Hall Quarry  
 Licensee Address: Kaveney's Rd, Murrumbateman NSW 2582  
 EPL No: 4082

### 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
Quarry Hill	27/7/2018	27/7/2018	13:21	0.51 mm/s	Yes	103.5 dBL	Yes
Silverwattle	27/7/2018	27/7/2018	13:21	0.51 mm/s	Yes	100 dBL	Yes
Quarry Hill	5/6/2018	5/6/2018	13:29	0.51 mm/s	Yes	106.5 dBL	Yes
Silverwattle	5/6/2018	5/6/2018	13:29	0.38 mm/s	Yes	106.5 dBL	Yes
Quarry Hill	25/5/2018	25/5/2018	13:11	0.51 mm/s	Yes	105.5 dBL	Yes
Silverwattle	25/5/2018	25/5/2018	13:11	0.51mm/s	Yes	100 dBL	Yes
Quarry Hill	20/4/18	27/4/18	13:00	0.51 mm/s	Yes	105.5 dBL	Yes
Silver Wattle	20/4/18	27/4/18	13:00	0.51 mm/s	Yes	108 dBL	Yes
Quarry Hill	5/2/18	12/2/18	11:13	0.51 mm/s	Yes	100 dBL	Yes
Silver Wattle	5/2/18	12/2/18	11:13	0.51 mm/s	Yes	100 dBL	Yes
Quarry Hill	5/12/17	12/12/18	13:22	0.51 mm/s	Yes	109.5 dBL	Yes
Silver Wattle	5/12/17	12/12/2017	13:22	0.51 mm/s	Yes	100 dBL	Yes

# Hall Quarry Monitoring Locations.

## Blast Monitoring Location



