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Johns River Quarry

Environmental Monitoring Report

Blast Monitoring Data

April 2026

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 2261 (EPL: 2261 – Boral Teven Quarry)

Johns River Quarry Information	
Premise Details	Boral – Johns River Quarry
Address	Bulleys Road Johns River NSW 2443
Licensee	Boral Resources (Country) Pty Ltd
EPL No	4812
EPL Location	ViewPOEOLicence.aspx (nsw.gov.au)
Date of dataset update	16/04/2026

Monitoring data in this report relates to the monitoring undertaken in the reporting period for the following environmental pollutants:

- Blasting

Blasting

Blast monitoring is conducted as per condition M8 of EPL 4812.

Qualifications related to blasting:

Extracted from EPL: 4812 – L5.1 to L5.5

- Blasting operations at the premises only take place between 9:00am and 3:00 pm Monday to Friday and 9:00am and 1:30 pm Saturday. Where compelling safety reasons exist, the Environment Protection Authority May permit a blast to occur outside the abovementioned hours. Prior written notification of any such blast must be made to the Environment Protection Authority at hunter.region@epa.nsw.gov.au).

- The airblast overpressure level from blasting operations at the premises must not exceed:

  - 115dB (Lin Peak) at any noise sensitive locations for more than five percent of the total number of blasts over each reporting period, or one blast in each reporting period, whichever is the greater.

  - 120 dB (Lin Peak) at any time at any residence or noise sensitive location.

- Ground vibration peak particle velocity from the blasting operations at the premises must not exceed:

  - 10mm/sec at any time at any noise sensitive locations.

  - 5mm/sec at any noise sensitive locations for more than five percent of the total number of blasts in the reporting period, or one blast in each reporting period, whichever is the greater.

* NOTE: Where no data has been published for a particular date there has been no blasting activity undertaken for that date

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TABLE 1: Johns River Quarry – Blast Monitoring Results

EPA ID (Blast #)	Monitoring Frequency	Blast Date	Blast Time	Blast Results		Trigger Level (dB)	Trigger Level (mm/s)	Sampling Location	Compliant Blast (Y/N)	Comments
				Overpressure (dB)	Ground Vibration (mm/s)					
JRQ26-02	Per Blast	16/03/2026	13:42	112.0	1.90			Frost Residence	Y	
JRQ26-01	Per Blast	28/01/2026	11:38	106.9	0.17			Frost Residence	Y	
JRQ25-01	Per Blast	10/04/2025	12:09	96.0	0.51			Frost Residence	Y	
JRQ24-04	Per Blast	10/12/2024	12:18	106.5	1.00			Frost Residence	Y	
JRQ24-03	Per Blast	24/07/2024	12:07	110.2	0.76			Frost Residence	Y	
JRQ24-02	Per Blast	15/05/2024	12:24	111.4	0.46			Frost Residence	Y	
JRQ24-01	Per Blast	23/04/2023	14:33	106.6	1.16			Frost Residence	Y	
JRQ-23-08	Per Blast	04/12/2023	12:45	102.6	1.48			Frost Residence	Y	
JRQ-23-07	Per Blast	09/10/2023	12:10	105.0	1.85			Frost Residence	Y	
JRQ-23-06	Per Blast	17/07/2023	13:46	105.0	0.19			Frost Residence	Y	
JRQ-23-05	Per Blast	17/07/2023	13:32	107.5	2.90			Frost Residence	Y	
JRQ-23-04	Per Blast	07/06/2023	12:44	109.2	2.93			Frost Residence	Y	
JRQ-23-03	Per Blast	05/05/2023	12:21	109.5	2.81			Frost Residence	Y	
JRQ-23-02	Per Blast	27/03/2023	12:56	104.2	3.11			Frost Residence	Y	
JRQ-23-01	Per Blast	24/02/2023	11:27	109.2	3.97			Frost Residence	Y	
JRQ-22-05	Per Blast	01/11/2022	11:57	97.17	2.9			Frost Residence	Y	
JRQ-22-06	Per Blast	31/10/2022	10:22	103.5	3.5			Frost Residence	Y	
JRQ-22-04	Per Blast	30/09/2022	11:09	101.6	3.9			Frost Residence	Y	
JRQ-22-03	Per Blast	29/08/2022	12:02	100.9	4.13			Frost Residence	Y	
JRQ-22-02	Per Blast	07/05/2022	12:36	No Trigger	No Trigger	100	0.5	Frost Residence	Y	

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EPA ID (Blast #)	Monitoring Frequency	Blast Date	Blast Time	Blast Results		Trigger Level (dB)	Trigger Level (mm/s)	Sampling Location	Compliant Blast (Y/N)	Comments
				Overpressure (dB)	Ground Vibration (mm/s)					
JRQ-22-01	Per Blast	22/03/2022	09:07	104.9	**10.2**			Frost Residence	N	Reported to EPA
JRQ-21-07	Per Blast	15/12/2021	11:20	103.1	1.163			Frost Residence	Y	
JRQ-21-05/06	Per Blast	05/10/2021		104.1	0.985			Frost Residence	Y	
JRQ-21-02	Per Blast	29/07/2021		100	0.284			Frost Residence	Y	
JRQ-21-03/04	Per Blast	14/07/2021		119.4	1.396			Frost Residence	N	Reported to EPA
JRQ-21-01	Per Blast	20/04/2021		107	0.2081			Frost Residence	Y	
JRQ-20-06	Per Blast	22/01/2021		100.8	0.2393			Frost Residence	Y	
JRQ-20-05	Per Blast	11/11//2020		112.1	0.8728			Frost Residence	Y	
JRQ-20-04	Per Blast	5/08/2020		105.5	1.274			Frost Residence	Y	
JRQ-20-03	Per Blast	5/08/2020		105.5	1.274			Frost Residence	Y	
JRQ-20-02	Per Blast	3/06/2020		103.2	0.214			Frost Residence	Y	
JRQ-20-01	Per Blast	14/02/2020		104.3	2.567			Frost Residence	Y	
JRQ-19-04	Per Blast	14/10/2019		112.9	2.898			Frost Residence	Y	
JRQ-19-03	Per Blast	12/06/2019		91.5	2.524			Frost Residence	Y	
JRQ-19-02	Per Blast	30/06/2019		111	3.884			Frost Residence	Y	
JRQ-19-01	Per Blast	4/02/2019		No Trigger	No Trigger	100	0.5	Frost Residence	Y	

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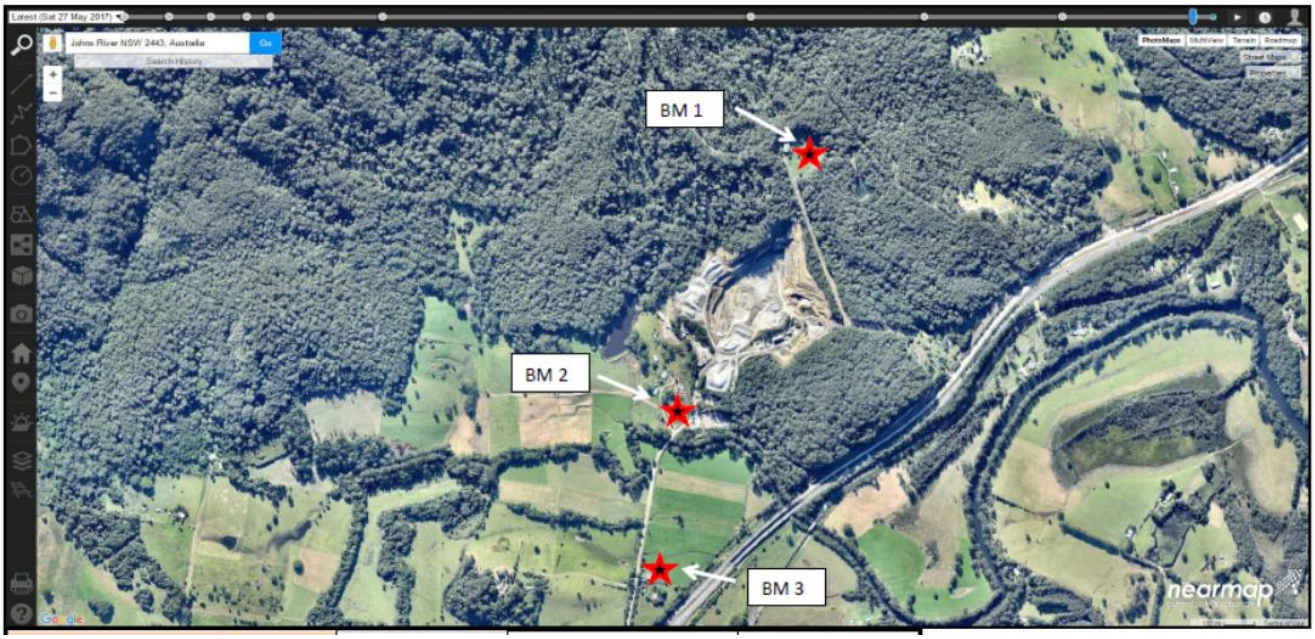
TABLE 2: Blast Monitoring Results – Corrections Log

Date of Data (sample Date)	Old Published Data	Corrected Data	Reason for Update / Correction	Update Person	Date corrected Data Published	Comments

Note: The table above details the corrections made to published data due to incorrect reporting or misleading published data

FIGURE 1 Johns River Quarry- Blast Monitoring Locations



NOTE: Blast Monitor 3 (**BM3 – Frost Residence**) is the Licensed Monitoring Location under EPL 4812.