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Teven Quarry

Environmental Monitoring Report

Blast Monitoring Data

July 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 – Teven Quarry
Address	North Teven Road, Teven NSW 2478
Licensee	Boral Resources (Country) Pty Ltd
EPL No	2261
EPL Location	ViewPOEOLicence.aspx
Date of dataset update	10/07/2026

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 L5 of EPL 2261.

- Blasting in or on the premises must only be carried out between 0900 hours and 1600 hours, Monday to Friday. Blasting in or on the premises must not take place on weekends or public holidays without the prior approval of the EPA.

- Blasting at the premises is limited to 1 blast on each day on which blasting is permitted.

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

    - 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period or one blast in each reporting period (whichever is the greater); and

    - (b) 120 dB (Lin Peak) at any time,

- The ground peak particle velocity from blasting operations carried out in or on the premises must not exceed:
    - 5mm/s for more than 5% of the total number of blasts over each reporting period or one blast in each reporting period (whichever is the greater); and

    - 10mm/s at any time,

- To determine compliance
    - Airblast overpressure level and ground vibration peak particle velocity must be measured at the 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 airblast overpressure level and/or ground vibration peak particle velocity for all blasts carried out in or on the premises;

    - Instrumentation used to measure the airblast overpressure level and ground vibration peak particle velocity must meet the current Australian Standard AS 2187.2-2006.

* 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: Teven Quarry – Blast Monitoring Results

EPA ID (Blast #)	Monitoring Frequency	Blast Date	Blast Time	Blast Results				Trigger Level (dB)	Trigger Level (mm/s)	Comments
				660 Teven Road		54 Beacons Road				
				Overpressure (dB)	Ground Vibration (mm/s)	Overpressure (dB)	Ground Vibration (mm/s)			
				115	5	115	5			
				120	10	120	10			
BTQ-2606	Per Blast	04/06/2026	13:30	100.0	0.43	114.2	2.04			
BTQ-2605	Per Blast	21/04/2026	11:37	95.9	1.12	98.8	0.36			
BTQ-2604	Per Blast	27/03/2026	13:05	110.6	0.47	113.3	1.34			
BTQ-2602	Per Blast	10/02/2026	12:12	96.7	0.34	94.6	0.85			
BTQ-2601	Per Blast	20/01/2026	14:10	93.5	0.51	109.0	1.15			
BTQ-2509	Per Blast	05/11/2025	11:29	104.3	0.83	101.3	0.36			
BTQ-2508	Per Blast	03/11/2025	11:57	no trigger	no trigger	113.3	1.43	100	0.5	
BTQ-2507	Per Blast	12/09/2025	13:48	no trigger	no trigger	102.8	2.83	100	0.5	
BTQ-2505	Per Blast	04/07/2025	12:10	101.2	1.11	90.50	0.52			
BTQ-2503	Per Blast	24/06/2025	12:02	111.2	1.14	107.0	2.75			
BTQ-2502	Per Blast	23/04/2025	13:48	no trigger	no trigger	112.7	1.02	100	0.5	
BTQ-2406	Per Blast	04/02/2025	12:39	no trigger	no trigger	109.9	1.90	100	0.5	
BTQ-2407	Per Blast	22/01/2025	11:26	102.2	1.74	90.7	0.56			
BTQ-2404	Per Blast	23/09/2024	12:00	no trigger	no trigger	no trigger	no trigger	100	0.5	
BTQ-2403	Per Blast	18/06/2024	13:19	94.2	0.82	101.5	1.95			
BTQ-2402	Per Blast	20/05/2024	12:00	no trigger	no trigger	no trigger	no trigger	100	0.5	
BTQ-2401	Per Blast	05/02/2024	13:15	98.8	0.44	108.4	0.65			
BTQ-2309	Per Blast	01/12/2023	11:29	no trigger	no trigger	114.5	1.37	100	0.5	

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				Overpressure (dB)	Ground Vibration (mm/s)	Overpressure (dB)	Ground Vibration (mm/s)			
				115	5	115	5			
				120	10	120	10			
BTQ-2308	Per Blast	07/11/2023	09:07	no trigger	no trigger	112.9	0.83	100	0.5	
BTQ-2307	Per Blast	31/08/2023	11:10	98.1	0.68	103.9	1.37			
BTQ-2306	Per Blast	24/08/2023	13:21	108.8	0.55	111.3	1.13			
BTQ-2305	Per Blast	19/07/2023	12:20	106.0	0.60	104.9	1.26			
BTQ-2304	Per Blast	09/05/2023	12:46	115.9	1.22	97.5	0.41			Exceeded 115dB (allowable for 1 blast per annum – Condition L5.3 EPL 2261)
BTQ-2303	Per Blast	28/04/2023	15:32	106.0	1.98	109.9	4.78			
BTQ-2302	Per Blast	27/02/2023	13:37	108.4	2.48	101.9	0.57			
BTQ-2301	Per Blast	20/02/2023	15:47	101.9	0.69	110.7	1.94			
BTQ-2209	Per Blast	10/01/2023	14:44	101.9	1.17	104.2	1.38			
BTQ-2208	Per Blast	09/11/2022	12:10	101.9	0.92	104.9	0.59			
BTQ-2207	Per Blast	03/11/2022	14:33	100.0	1.22	109.2	0.73			
BTQ-2206	Per Blast	01/09/2022	12:55	106.5	1.18	101.9	0.33			
BTQ-2203	Per Blast	27/07/2022	11:49	125.2*	0.75	116.1	0.29	100	0.5	* Blast was wind affected. Compliant Blast
BTQ-2205	Per Blast	17/06/2022	13:47	97.6	1.13	103.5	0.87			
BTQ-2204	Per Blast	17/06/2022	11:35	101.0	0.97	103.5	0.37			
BTQ-2202	Per Blast	18/02/2022	15:09	no trigger	no trigger	no trigger	no trigger	100	0.5	
BTQ-2201	Per Blast	18/02/2022	15:09	no trigger	no trigger	no trigger	no trigger	100	0.5	
BTQ-2110	Per Blast	16/09/2021	09:00	104.0	1.16	102.0	0.15			
BTQ-2109	Per Blast	16/09/2021	09:00	104.0	1.16	102.0	0.15			

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				660 Teven Road		54 Beacons Road				
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				115	5	115	5			
				120	10	120	10			
BTQ-2108	Per Blast	16/09/2021	09:00	104.0	1.16	102.0	0.15			
BTQ-2107	Per Blast	04/08/2021	11:58	109.2	3.00	101.0	0.54			
BTQ-2106	Per Blast	15/07/2021	12:25	100.3	1.14	100.0	0.10			
BTQ-2105	Per Blast	16/07/2021	14:30	113.1	2.14	110.2	0.40			
BTQ-2104	Per Blast	27/04/2021	12:00	100.0	0.10	113.8	1.16			
BTQ-2103	Per Blast	28/05/2021	11:34	100.0	0.87	114.2	0.95			
BTQ-2102	Per Blast	29/03/2021	13:17	100.0	0.29	109.2	1.70			
BTQ-2101	Per Blast	05/02/2021	13:32	98.8	0.63	109.5	2.25			
BTQ-2018	Per Blast	21/12/2020	15:09	112.6	3.00	101.0	0.43			
BTQ-2017	Per Blast	16/11/2020	11:36	100.0	0.65	107.5	1.49			
BTQ-2016	Per Blast	28/10/2020	12:54	no trigger	no trigger	114.6	1.14	100	0.5	
BTQ-2013	Per Blast	16/09/2020	11:10	105.0	0.49	107.0	1.52			
BTQ-2012	Per Blast	28/07/2020	11:59	no trigger	no trigger	115.9	1.52	100	0.5	Exceeded 115dB (allowable for 1 blast per annum – Condition L5.3 EPL 2261)
BTQ-2011	Per Blast	22/07/2020	12:00	98.8	0.56	108.4	2.43			
BTQ-2010	Per Blast	03/07/2020	11:50	100.0	0.35	108.4	1.33			
BTQ-2008	Per Blast	19/05/2020	12:59	104.2	0.32	112.0	1.03			
BTQ-2009	Per Blast	11/05/2020	13:03	105.5	1.92	101.9	0.35			
BTQ-2007	Per Blast	16/04/2020	14:21	104.2	0.54	109.5	1.79			

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
28/05/2021	Blast ID 2104	Blast ID 2103	Blast ID was incorrectly identified. Blast ID was updated for Blast 2103 and 2104	Rod Johnson	22/06/2021

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

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