



# TEVEN QUARRY

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Blast Monitoring Data





Licensee	Boral Resources (Country) Pty Ltd
Facility Address	North Teven Road, Teven NSW 2478
Premises Details	Boral - Teven Quarry
EPL No	2261
Link to Public Register	<a href="http://epa.nsw.gov.au/epo/epoapp/ViewFOI/Licence.aspx?DOCID=1681848&amp;SYDID=1&amp;LICID=2261">http://epa.nsw.gov.au/epo/epoapp/ViewFOI/Licence.aspx?DOCID=1681848&amp;SYDID=1&amp;LICID=2261</a>
Date of dataset update	4/09/2023

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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)

**Qualifications Related to Blasting**

LS.3 The airblast overpressure level from blasting operations in or on the premise must not exceed:  
(a) 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.  
when measured at any non-project related residential building or other noise sensitive location such as a school or hospital that is not subject to a private agreement between the owner of the residence or noise sensitive location. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not these limits have been exceeded.

LS.4: The ground 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 over each reporting period or one blast in each reporting period (whichever is the greater); and  
(b) 10mm/s at any time.  
when measured at any non-project related residential building or other noise sensitive location such as a school or hospital that is not subject to a private agreement between the owner of the residence or noise sensitive location. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not these limits have been exceeded.

NOTE: Where no data has been published for a particular date there has been no blasting activity undertaken for that date<sup>19</sup>

Teven Quarry: EPL 2261 - Blast Monitoring Results											
EPL Identification (Shot Number)	Monitoring Frequency	Date Sampled	Date Results Obtained	Date Results Published	Blast Results		Trigger Level (dB)		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					
2307	Per Blast	31/08/2023	1/09/2023	4/09/2023	103.9	1.37			54 Beacons Road	YES	
2306	Per Blast	24/08/2023	25/08/2023	4/09/2023	111.3	1.13			54 Beacons Road	YES	
2305	Per Blast	19/07/2023	21/07/2023	27/07/2023	104.9	1.22			54 Beacons Road	YES	
2304	Per Blast	09/05/2023	10/05/2023	27/07/2023	114.8	6.83			660 Teven Road	YES	1 blast per reporting period allowed over 5mm/s and under 10mm/s
2303	Per Blast	28/04/2023	8/05/2023	27/07/2023	109.9	3.05			54 Beacons Road	YES	
2302	Per Blast	27/02/2023	1/03/2023	2/03/2023	108.4	2.475			660 Teven Road	YES	
2301	Per Blast	20/02/2023	22/02/2023	24/02/2023	110.7	1.94			54 Beacons Road	YES	
2209	Per Blast	10/01/2023	12/01/2023	17/01/2023	104.2	1.47			54 Beacons Road	YES	
2208	Per Blast	09/11/2022	10/11/2022	24/11/2022	101.9	0.63			660 Teven Road	YES	
2207	Per Blast	03/11/2022	5/11/2022	24/11/2022	100	1.22			660 Teven Road	YES	
2206	Per Blast	01/09/2022	2/9/2022	20/09/2022	101.9	0.33			54 Beacon Road	YES	
2203	Per Blast	27/07/2022	27/7/2022	10/08/2022	102	0.1			54 Beacon Road	YES	
2204/05	Per Blast	17/06/2022	17/6/2022	20/06/2022	101	0.97			660 Teven Road	YES	
2201/2202	Per Blast	18/02/2022	22/2/2022	25/02/2022	109.5	1.403			54 Beacons Road	YES	
2109	Per Blast	16/9/2021	17/9/2021	18/9/2021	104	1.16			660 Teven Road	YES	
2107	Per Blast	4/8/2021	5/8/2021	6/8/2021	109.2	3.45			54 Beacons Road	YES	
2105	Per Blast	16/07/2021	16/07/2021	30/07/2021	113.1	2.296			660 Teven Road	YES	
2103	Per Blast	28/05/2021	29/05/2021	2/06/2021	114.2	1.049			54 Beacons Road	YES	
2104	Per Blast	27/04/2021	28/04/2021	10/05/2021	113.8	1.287			54 Beacons Road	YES	
2102	Per Blast	29/03/2021	30/03/2021	15/04/2021	109.2	1.815			54 Beacons Road	YES	
2101	Per Blast	05/02/2021	5/02/2021	15/02/2021	109.5	2.283			54 Beacons Road	YES	
2018	Per Blast	21/12/2020	21/12/2020	23/12/2020	112.6	3.01			660 Teven Road	YES	
2017	Per Blast	16/11/2020	16/11/2020	18/11/2020	107	1.49			54 Beacons Road	YES	
2016	Per Blast	28/10/2020	28/10/2020	3/11/2020	114.6	1.36			54 Beacons Road	YES	
2013	Per Blast	16/09/2020	16/09/2020	21/09/2020	107	1.81			54 Beacons Road	YES	
2012	Per Blast	28/07/2020	28/07/2020	20/08/2020	No Trigger	No Trigger	110	0.25	660 Teven Road	YES	
2011	Per Blast	22/07/2020	22/07/2020	20/08/2020	108.4	2.775			54 Beacons Road	YES	
2010	Per Blast	3/07/2020	3/07/2020	20/08/2020	108.4	1.404			54 Beacons Road	YES	
2008	Per Blast	19/05/2020	19/05/2020	20/08/2020	112	1.251			54 Beacons Road	YES	
2009	Per Blast	11/05/2020	11/05/2020	20/05/2020	101.9	0.387			54 Beacons Road	YES	

2007	Per Blast	16/04/2020	16/04/2020	20/05/2020	109.5	1.844				54 Beacons Road	YES	
2003	Per Blast	20/03/2020	20/03/2020	20/05/2020	104.2	0.959				660 Teven Road	YES	
2006	Per Blast	16/03/2020	16/03/2020	20/05/2020	104.2	0.452				54 Beacons Road	YES	
2004	Per Blast	4/03/2020	4/03/2020	20/05/2020	104.9	4.653				54 Beacons Road	YES	
2002	Per Blast	12/02/2020	12/02/2020	26/02/2020	94	0.356				660 Teven Road	YES	
2001	Per Blast	16/01/2020	16/01/2020	26/02/2020	107	1.242				54 Beacons Road	YES	
1922	Per Blast	19/12/2019	19/12/2019	26/02/2020	102.8	1.53				660 Teven Road	YES	
1921	Per Blast	11/12/2019	11/12/2019	26/02/2020	113.8	1.163				54 Beacons Road	YES	
1920	Per Blast	6/12/2019	6/12/2019	26/02/2020	No Trigger	No Trigger	110	0.5		54 Beacons Road	YES	
1919	Per Blast	5/12/2019	5/12/2019	26/02/2020	No Trigger	No Trigger	110	0.5		54 Beacons Road	YES	
1918	Per Blast	21/11/2019	21/11/2019	26/02/2020	No Trigger	No Trigger	110	0.5		54 Beacons Road	YES	
1917	Per Blast	20/11/2019	20/11/2019	26/02/2020	103.5	2.1				54 Beacons Road	YES	
1916	Per Blast	24/10/2019	24/10/2019	26/02/2020	101	0.6				54 Beacons Road	YES	
1915	Per Blast	17/10/2019	17/10/2019	26/02/2020	97.5	0.6				54 Beacons Road	YES	
1914	Per Blast	30/09/2019	30/09/2019	26/02/2020	No Trigger	No Trigger	110	0.5		54 Beacons Road	YES	
1913	Per Blast	27/09/2019	27/09/2019	26/02/2020	No Trigger	No Trigger	110	0.5		54 Beacons Road	YES	
1912	Per Blast	23/09/2019	23/09/2019	26/02/2020	No Trigger	No Trigger	110	0.5		54 Beacons Road	YES	
1911	Per Blast	20/09/2019	20/09/2019	26/02/2020	100	1.2				54 Beacons Road	YES	
1908	Per Blast	2/09/2019	2/09/2019	26/02/2020	104.2	0.9				54 Beacons Road	YES	
1910	Per Blast	29/08/2019	29/08/2019	26/02/2020	110	0.3				54 Beacons Road	YES	
1909	Per Blast	28/08/2019	28/08/2019	26/02/2020	98.8	3.7				54 Beacons Road	YES	
1907	Per Blast	8/08/2019	8/08/2019	26/02/2020	101.9	0.7				54 Beacons Road	YES	
1906	Per Blast	8/07/2019	8/07/2019	26/02/2020	101.9	0.8				54 Beacons Road	YES	
1905	Per Blast	19/06/2019	19/06/2019	24/06/2019	105.5	1.245				660 Teven Road	YES	
1904	Per Blast	31/05/2019	31/05/2019	24/06/2019	107	3.1				54 Beacons Road	YES	
1903	Per Blast	15/04/2019	15/04/2019	24/06/2019	109.2	4.1				54 Beacons Road	YES	
1802	Per Blast	13/03/2019	13/03/2019	24/06/2019	109.5	1.31				660 Teven Road	YES	
1902A	Per Blast	4/03/2019	4/03/2019	24/06/2019	102.8	2.5				54 Beacons Road	YES	
1901	Per Blast	31/01/2019	31/01/2019	24/06/2019	110.9	2.3				54 Beacons Road	YES	
1814	Per Blast	20/12/2018	20/12/2018		109.9	2.1				54 Beacons Road	YES	
1813A	Per Blast	11/12/2018	11/12/2018		108.8	2.5				54 Beacons Road	YES	
1813B	Per Blast	11/12/2018	11/12/2018		108.8	2.6				54 Beacons Road	YES	
1812A	Per Blast	5/11/2018	5/11/2018		107	1.4				54 Beacons Road	YES	
1811	Per Blast	11/09/2018	11/09/2018		106.5	2.4				54 Beacons Road	YES	
1810	Per Blast	30/08/2018	30/08/2018		107.5	3.4				54 Beacons Road	YES	
1809	Per Blast	10/08/2018	10/08/2018		110.6	2.2				54 Beacons Road	YES	
1808	Per Blast	9/07/2018	9/07/2018		112.8	2.5				54 Beacons Road	YES	
1807	Per Blast	25/06/2018	25/06/2018		108	2.1				660 Teven Road	YES	
1806	Per Blast	12/06/2018	12/06/2018		111.2	2.3				54 Beacons Road	YES	
1805	Per Blast	1/05/2018	1/05/2018		108.4	2.4				54 Beacons Road	YES	
1804	Per Blast	16/04/2018	16/04/2018		112.6	2.1				54 Beacons Road	YES	
1803	Per Blast	28/03/2018	28/03/2018		112.3	1.4				54 Beacons Road	YES	
1801	Per Blast	20/02/2018	20/02/2018		108.8	2.1				54 Beacons Road	YES	
1711	Per Blast	11/01/2018	11/01/2018		111.2	2.1				54 Beacons Road	YES	
1710	Per Blast	8/12/2017	8/12/2017		111.5	1.7				54 Beacons Road	YES	
1709	Per Blast	6/11/2017	6/11/2017		108.8	1.8				54 Beacons Road	YES	
1708	Per Blast	19/09/2017	19/09/2017		101	0.6				54 Beacons Road	YES	
1707	Per Blast	11/09/2017	11/09/2017		108.4	2.3				54 Beacons Road	YES	
1706	Per Blast	29/08/2017	29/08/2017		No Trigger	No Trigger	110	0.51		660 Teven Road	YES	
TQ-1705	Per Blast	28/07/2017	28/07/2017		111.8	1.8				54 Beacons Road	YES	
TQ-1704	Per Blast	10/04/2017	10/04/2017		101.9	2.8				54 Beacons Road	YES	
TQ-1702	Per Blast	13/03/2017	13/03/2017		112.8	2.8				54 Beacons Road	YES	
TQ-1701	Per Blast	30/01/2017	30/01/2017		114.4	0.2				54 Beacons Road	YES	
TQ-1606	Per Blast	7/10/2016	7/10/2016		<110	<0.51				54 Beacons Road	YES	
TQ1605	Per Blast	9/09/2016	9/09/2016		108.8	2.4				54 Beacons Road	YES	
TQ1604	Per Blast	29/06/2016	29/06/2016		102.8	0.7				54 Beacons Road	YES	
TQ1602/03	Per Blast	3/05/2016	3/05/2016		107.5	2.5				54 Beacons Road	YES	
TQ1601	Per Blast	24/03/2016	24/03/2016		104.9	1.1				54 Beacons Road	YES	
BA 2959-07	Per Blast	23/10/2015	23/10/2015		110.6	0.8				54 Beacons Road	YES	
BA 2959-11	Per Blast	16/10/2015	16/10/2015		107.0	2.1				54 Beacons Road	YES	
BA 2959-10	Per Blast	1/10/2015	1/10/2015		106.0	2.1				54 Beacons Road	YES	
BA 2959-09	Per Blast	22/09/2015	22/09/2015		114.4	1.5				54 Beacons Road	YES	
BA 2959-08	Per Blast	8/09/2015	8/09/2015		109.9	2.0				54 Beacons Road	YES	
BA 2959-06	Per Blast	29/06/2015	29/06/2015		115.9	1.29				54 Beacons Road	NO	Blast result reported to EPA and CCC
BA 2959-05	Per Blast	4/06/2015	4/06/2015		109.5	1.984				54 Beacons Road	YES	

BA 2959-04	Per Blast	8/05/2015	8/05/2015		104.2	0.635			660 Teven Road	YES	
BA 2959-03	Per Blast	2/04/2015	2/04/2015		109.9	3.29			54 Beacons Road	YES	
BA 2959-02	Per Blast	25/02/2015	25/02/2015		107.0	2.302			54 Beacons Road	YES	
BA 2959-01	Per Blast	24/11/2014	24/11/2014		102.8	1.49			54 Beacons Road	YES	
BA 2835-99	Per Blast	5/11/2014	5/11/2014		110.9	1.64			54 Beacons Road	YES	
92	Per Blast	22/10/2014	22/10/2014		106.5	1.48			54 Beacons Road	YES	
98	Per Blast	17/09/2014	17/09/2014		116.9	3.38			54 Beacons Road	NO	Blast result reported to EPA and CCC
97	Per Blast	6/08/2014	6/08/2014		106.0	1.44			660 Teven Road	YES	
96	Per Blast	16/07/2014	16/07/2014		112.8	1.19			54 Beacons Road	YES	
95	Per Blast	21/05/2014	21/05/2014		107.5	2.44			54 Beacons Road	YES	

