

Build something great™



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	https://app.epa.nsw.gov.au/prpoeapp/ViewPOEOLicence.aspx?DOCID=168184&SYSUID=1&LICID=2261
Date of dataset update	20/08/2020

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

L4.3: 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.

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.

L4.4: 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.

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.

NOTE: Where no data has been published for a particular date there has been no blasting activity undertaken for that date¹⁷⁴

Teven Quarry: EPL 2261 - Blast Monitoring Results													
EPL Identification (Shot Number)	Monitoring Frequency	Date Sampled	Date Results Obtained	Date Results Published	660 Teven Rd		54 Beacons Rd		Trigger Level (dB)	Trigger Level (mm/s)	Most affected residence	Sample Compliant (YES/NO)	Comments
					Over pressure (dB)	Peak Vibration (mm/s)	Over pressure (dB)	Peak Vibration (mm/s)					
					115	5	115	5					
					120	10	120	10					
2010	Per Blast	3/07/2020	3/07/2020	20/08/2020	100	0.367	108.4	1.404			54 Beacons Road		
2008	Per Blast	19/05/2020	19/05/2020	20/08/2020	104.2	0.337	112	1.251			54 Beacons Road	YES	
2009	Per Blast	11/05/2020	11/05/2020	20/05/2020	105.5	1.992	101.9	0.387			54 Beacons Road	YES	
2007	Per Blast	16/04/2020	16/04/2020	20/05/2020	104.2	0.593	109.5	1.844			54 Beacons Road	YES	
2003	Per Blast	20/03/2020	20/03/2020	20/05/2020	104.2	0.959	No Trigger	No Trigger	110	0.5	660 Teven Road	YES	
2006	Per Blast	16/03/2020	16/03/2020	20/05/2020	103.5	2.09	104.2	0.452			54 Beacons Road	YES	
2004	Per Blast	4/03/2020	4/03/2020	20/05/2020	104.2	0.521	104.9	4.653			54 Beacons Road	YES	
2002	Per Blast	12/02/2020	12/02/2020	26/02/2020	94	0.356	No Trigger	No Trigger	110	0.5	660 Teven Road	YES	
2001	Per Blast	16/01/2020	16/01/2020	26/02/2020	101	0.489	107	1.242			54 Beacons Road	YES	
1922	Per Blast	19/12/2019	19/12/2019	26/02/2020	102.8	1.53	101	0.478			660 Teven Road	YES	
1921	Per Blast	11/12/2019	11/12/2019	26/02/2020	98.84	1.432	113.8	1.163			54 Beacons Road	YES	
1920	Per Blast	6/12/2019	6/12/2019	26/02/2020	No Trigger	No Trigger	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	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	No Trigger	No Trigger	110	0.5	54 Beacons Road	YES	
1917	Per Blast	20/11/2019	20/11/2019	26/02/2020	105.5	0.567	103.5	2.1			54 Beacons Road	YES	
1916	Per Blast	24/10/2019	24/10/2019	26/02/2020	No Trigger	No Trigger	101	0.6			54 Beacons Road	YES	
1915	Per Blast	17/10/2019	17/10/2019	26/02/2020	No Trigger	No Trigger	97.5	0.6			54 Beacons Road	YES	
1914	Per Blast	30/09/2019	30/09/2019	26/02/2020	No Trigger	No Trigger	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	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	No Trigger	No Trigger	110	0.5	54 Beacons Road	YES	
1911	Per Blast	20/09/2019	20/09/2019	26/02/2020	No Trigger	No Trigger	100	1.2			54 Beacons Road	YES	
1908	Per Blast	2/09/2019	2/09/2019	26/02/2020	No Trigger	No Trigger	104.2	0.9			54 Beacons Road	YES	
1910	Per Blast	29/08/2019	29/08/2019	26/02/2020	No Trigger	No Trigger	110	0.3			54 Beacons Road	YES	
1909	Per Blast	28/08/2019	28/08/2019	26/02/2020	No Trigger	No Trigger	98.8	3.7			54 Beacons Road	YES	
1907	Per Blast	8/08/2019	8/08/2019	26/02/2020	No Trigger	No Trigger	101.9	0.7			54 Beacons Road	YES	
1906	Per Blast	8/07/2019	8/07/2019	26/02/2020	No Trigger	No Trigger	101.9	0.8			54 Beacons Road	YES	
1905	Per Blast	19/06/2019	19/06/2019	24/06/2019	105.5	1.245	105.5	0.8			660 Teven Road	YES	
1904	Per Blast	31/05/2019	31/05/2019	24/06/2019	101.9	1.3	107	3.1			54 Beacons Road	YES	
1903	Per Blast	15/04/2019	15/04/2019	24/06/2019	106	0.54	109.2	4.1			54 Beacons Road	YES	
1802	Per Blast	13/03/2019	13/03/2019	24/06/2019	109.5	1.31	104.9	1.1			660 Teven Road	YES	
1902A	Per Blast	4/03/2019	4/03/2019	24/06/2019	102.8	0.44	102.8	2.5			54 Beacons Road	YES	
1901	Per Blast	31/01/2019	31/01/2019	24/06/2019	110	0.51	110.9	2.3			54 Beacons Road	YES	
1814	Per Blast	20/12/2018	20/12/2018		104.2	0.71	109.9	2.1					
1813A	Per Blast	11/12/2018	11/12/2018		No Trigger	No Trigger	108.8	2.5					

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					Over pressure (dB)	Peak Vibration (mm/s)	Over pressure (dB)	Peak Vibration (mm/s)					
1813B	Per Blast	11/12/2018	11/12/2018		No Trigger	No Trigger	108.8	2.6					
1812A	Per Blast	5/11/2018	5/11/2018		95.92	0.62	107	1.4					
1811	Per Blast	11/09/2018	11/09/2018		100	0.54	106.5	2.4					
1810	Per Blast	30/08/2018	30/08/2018		94	0.6	107.5	3.4					
1809	Per Blast	10/08/2018	10/08/2018		102.8	0.69	110.6	2.2					
1808	Per Blast	9/07/2018	9/07/2018		98.84	0.57	112.8	2.5					
1807	Per Blast	25/06/2018	25/06/2018		108	2.1	102.8	0.8					
1806	Per Blast	12/06/2018	12/06/2018		100	0.794	111.2	2.3					
1805	Per Blast	1/05/2018	1/05/2018		104.2	0.84	108.4	2.4					
1804	Per Blast	16/04/2018	16/04/2018		97.5	1.03	112.6	2.1					
1803	Per Blast	28/03/2018	28/03/2018		92.5	0.62	112.3	1.4					
1801	Per Blast	20/02/2018	20/02/2018		104.9	0.43	108.8	2.1					
1711	Per Blast	11/01/2018	11/01/2018		101	0.41	111.2	2.1					
1710	Per Blast	8/12/2017	8/12/2017		105.5	2.21	111.5	1.7					
1709	Per Blast	6/11/2017	6/11/2017		104.2	0.6	108.8	1.8					
1708	Per Blast	19/09/2017	19/09/2017		95.9	0.59	101	0.6					
1707	Per Blast	11/09/2017	11/09/2017		95.9	0.56	108.4	2.3					
1706	Per Blast	29/08/2017	29/08/2017		No Trigger	No Trigger	0	0.0					
TQ-1705	Per Blast	28/07/2017	28/07/2017		93.9	0.47	111.8	1.8					
TQ-1704	Per Blast	10/04/2017	10/04/2017		88.00	0.15	101.9	2.8					
TQ-1702	Per Blast	13/03/2017	13/03/2017		93.00	0.56	112.8	2.8					
TQ-1701	Per Blast	30/01/2017	30/01/2017		102.80	1.30	114.4	0.2					
TQ-1606	Per Blast	7/10/2016	7/10/2016		No Trigger	No Trigger	<110	<0.51					
TQ1605	Per Blast	9/09/2016	9/09/2016		91.48	1.27	108.8	2.4					
TQ1604	Per Blast	29/06/2016	29/06/2016		No Trigger	No Trigger	102.8	0.7					
TQ1602/03	Per Blast	3/05/2016	3/05/2016		No Trigger	No Trigger	107.5	2.5					
TQ1601	Per Blast	24/03/2016	24/03/2016		98.80	0.89	104.9	1.1					
BA 2959-07	Per Blast	23/10/2015	23/10/2015		98.84	0.51	110.6	0.8					
BA 2959-11	Per Blast	16/10/2015	16/10/2015		97.50	0.97	107.0	2.1					
BA 2959-10	Per Blast	1/10/2015	1/10/2015		100.00	0.60	106.0	2.1					
BA 2959-09	Per Blast	22/09/2015	22/09/2015		98.80	0.51	114.4	1.5					
BA 2959-08	Per Blast	8/09/2015	8/09/2015		n/a ¹	n/a ¹	109.9	2.0					
BA 2959-06	Per Blast	29/06/2015	29/06/2015		100.0	0.952	115.9	1.29					Blast result reported to EPA and CCC
BA 2959-05	Per Blast	4/06/2015	4/06/2015		100.0	1.54	109.5	1.984					
BA 2959-04	Per Blast	8/05/2015	8/05/2015		104.2	0.635	103.5	0.762					
BA 2959-03	Per Blast	2/04/2015	2/04/2015		103.5	1.4	109.9	3.29					
BA 2959-02	Per Blast	25/02/2015	25/02/2015		100	1.651	107.0	2.302					
BA 2959-01	Per Blast	24/11/2014	24/11/2014		98.8	0.57	102.8	1.49					
BA 2835-99	Per Blast	5/11/2014	5/11/2014		104.2	1.49	110.9	1.64					
92	Per Blast	22/10/2014	22/10/2014		No Trigger	No Trigger	106.5	1.48					
98	Per Blast	17/09/2014	17/09/2014		91.5	0.635	116.9	3.38					Blast result reported to EPA and CCC
97	Per Blast	6/08/2014	6/08/2014		106.0	1.44	103.5	1.32					
96	Per Blast	16/07/2014	16/07/2014		No Trigger	No Trigger	112.8	1.19					
95	Per Blast	21/05/2014	21/05/2014		98.8	2.24	107.5	2.44					

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					Over pressure (dB)	Peak Vibration (mm/s)	Over pressure (dB)	Peak Vibration (mm/s)	Over pressure (dB)	Peak Vibration (mm/s)			

Blast Monitoring Results - Corrections Log					
Details of corrections made to published data due to incorrect or misleading data ^{1,7,7}					
Date of data (sample date)	Old published data	Correct updated data	Reason for Update/Correction	Update Person	Date corrected data published