

East Guyong Quarry Blast Monitoring Data



Month/Year	Blast Date	Production Shot/Tonnage	Location	Ground Vibration Results mm/s	Ground Vibration Compliant mm/s	Overpressure Result (lin peak)	Overpressure Compliant db (lin peak)	Comments
Jan-17	24.01.2017	1701	Cadira Vale	4.47	5	110.1	115	-
			Hartley Cottage	1.22	5	114.3	115	-
			Access road	0.66	5	102.7	115	-
			Fairview	1.08	5	113.6	115	-
Feb-17	22.02.2017	1702	Cadira Vale	4.91	5	105.1	115	-
			Hartley Cottage	1.14	5	105.3	115	-
			Access road	0	5	0	115	No Trigger Activated
			Fairview	1.53	5	108.8	115	-
Mar-17	22.03.2017	1703	Cadira Vale	4.78	5	113.2	115	-
			Hartley Cottage	1.09	5	113.5	115	-
			Access road	0.37	5	108.7	115	-
			Fairview	1.14	5	105.6	115	-
Apr-17	20.04.2017	1704	Cadira Vale	4.8	5	107.7	115	-
			Hartley Cottage	1.52	5	109.6	115	-
			Access road	0.37	5	111	115	-
			Fairview	1.14	5	105.6	115	-
May-17	09.05.2017	1705	Cadira Vale	4.96	5	113.4	115	-
			Hartley Cottage	1.21	5	112.1	115	-
			Access road	0	5	0	115	No Trigger Activated
			Fairview	1.26	5	114	115	-
Jun-17	06.06.2017	1706	Cadira Vale	3.99	5	113.8	115	-
			Hartley Cottage	0.87	5	114.1	115	-
			Access road	0.41	5	110.6	115	-
			Fairview	0.83	5	106.5	115	-
Jul-17	05.07.2017	1707/8	Cadira Vale	3.43	5	107.6	115	-
			Hartley Cottage	0.46	5	110.1	115	-
			Access road	0	5	0	115	No Trigger Activated
			Fairview	0.64	5	95.1	115	-
Aug-17	29.08.2017	1709/10	Cadira Vale	3.27	5	109	115	-
			Hartley Cottage	0.55	5	111.7	115	-
			Access road	0.17	5	109.7	115	-
			Fairview	0.77	5	104.2	115	-
Sep-17	22.09.2017	1711/12	Cadira Vale	3.45	5	109.2	115	-
			Hartley Cottage	0.48	5	110.9	115	-
			Access road	0	5	0	115	No Trigger Activated
			Fairview	0	5	0	115	No Trigger Activated
Oct-17	06.10.2017	1713	Cadira Vale	4.28	5	109.2	115	-
			Hartley Cottage	0.83	5	108	115	-
			Access road	0	5	0	115	No Trigger Activated
			Fairview	0	5	0	115	No Trigger Activated
Nov-17	09.11.2017	1714	Cadira Vale	4.09	5	114.2	115	-
			Hartley Cottage	0.57	5	84.5	115	-
			Access road	0	5	0	115	No Trigger Activated
			Fairview	0.59	5	107.8	115	-
Dec-17	19.12.2017	1715	Cadira Vale	4.82	5	110.1	115	-
			Hartley Cottage	0.5	5	84.5	115	-
			Access road	0	5	1	115	No Trigger Activated
			Fairview	1.73	5	109.4	115	-

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Licensee Address: 2410 Mitchell Highway, East Guyong NSW 2798
 EPL No: 20190 Hanson Construction Materials Pty Ltd

Qualifications related to Blasting

The Ground Vibration 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 in a 12 month period & 10 mm/s for more than 0% at any time

The Air Blast Overpressure level from blasting operations in or on the premises must not exceed:
 115 dB (Lin Peak) for more than