

East Guyong Quarry Blast Monitoring Data



Month/Year	Blast Date	Production Shot	Location	Ground Vibration Results mm/s	Ground Vibration Compliant mm/s	Overpressure Result db (lin peak)	Overpressure Compliant db (lin peak)	Comments
Jan-16	13.01.2016	1601/2	Cadira Vale	2.67	5	105.7	115	-
			Hartley Cottage	1.34	5	107.3	115	-
			Access road	0.9	5	104.9	115	-
			Fairview	0.72	5	109.1	115	-
Jan-16	27.01.2016	1603	Cadira Vale	1.86	5	107.5	115	-
			Hartley Cottage	0.74	5	106	115	-
			Access road	0.82	5	110.4	115	-
			Fairview	0.99	5	113.9	115	-
Feb-16			Cadira Vale					No Blasting
			Hartley Cottage					-
			Access road					-
			Fairview					-
Mar-16	02.03.2016	1604/ 1605	Cadira Vale	1.15	5	100.6	115	-
			Hartley Cottage	0.82	5	105.6	115	-
			Access road	0.8	5	96	115	-
			Fairview	0.52	5	110	115	-
Apr-16	15.04.2016	1606	Cadira Vale	4.88	5	107.5	115	-
			Hartley Cottage	2.67	5	100.7	115	-
			Access road	0.53	5	98.2	115	-
			Fairview	0	5	0	115	No Reading Recorded
May-16	06.05.2016	1607	Cadira Vale	4.88	5	105.3	115	-
			Hartley Cottage	0.96	5	112.5	115	-
			Access road	0	5	0	115	No Trigger Activated
			Fairview	1.3	5	112.4	115	-
Jun-16	01.06.2016	1608/9	Cadira Vale	3.33	5	106	115	-
			Hartley Cottage	0.97	5	106.7	115	-
			Access road	0	5	0	115	No Trigger Activated
			Fairview	0	5	0	115	No Trigger Activated
Jul-16			Cadira Vale					No Blasting
			Hartley Cottage					-
			Access road					-
			Fairview					-
Aug-16	02.08.2016	1610/11	Cadira Vale	0	5	0	115	No Trigger Activated
			Hartley Cottage	1.29	5	110.3	115	-
			Access road	0.79	5	109.7	115	-
			Fairview	1.5	5	114.8	115	-
Sep-16	01.09.2016	1612/13	Cadira Vale	0	5	0	115	No Trigger Activated
			Hartley Cottage	0.83	5	90.5	115	-
			Access road	0	5	0	115	No Trigger Activated
			Fairview	0	5	0	115	No Trigger Activated
Oct-16	13.10.2016	1614	Cadira Vale	4.46	5	87.4	115	-
			Hartley Cottage	1.33	5	111.7	115	-
			Access road	1.57	5	88.7	115	-
			Fairview	0.94	5	114	115	-
Nov-16	29.11.2016	1615	Cadira Vale	4.27	5	112.3	115	-
			Hartley Cottage	1.47	5	114.3	115	-
			Access road	1.41	5	108.7	115	-
			Fairview	1.17	5	110.6	115	-
Dec-16	21.12.2016	1616	Cadira Vale	1.4	5	109.4	115	-
			Hartley Cottage	1.58	5	114.9	115	-
			Access road	2.51	5	106.8	115	-
			Fairview	1.4	5	109.4	115	-

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Licensee Address: 3410 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