

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-15			Cadira Vale					No Blasting
			Hartley Cottage					-
			Access road					-
			Fairview					-
Feb-15			Cadira Vale					No Blasting
			Hartley Cottage					-
			Access road					-
			Fairview					-
Mar-15	25.03.2015	1503/ 2015	Cadira Vale	1.94	5	105.9	115	-
			Hartley Cottage	0.56	5	104.8	115	-
			Access road	0.59	5	105.5	115	-
			Fairview	0.64	5	114.7	115	-
Apr-15			Cadira Vale					No Blasting
			Hartley Cottage					-
			Access road					-
			Fairview					-
May-15	15.05.2015	1504/ 2015	Cadira Vale	2.45	5	103.2	115	-
			Hartley Cottage	0.57	5	108.5	115	-
			Access road	0.79	5	113.2	115	-
			Fairview	0.66	5	114.7	115	-
Jun-15	06.06.2015	1505/ 1506	Cadira Vale	3.69	5	105.3	115	-
			Hartley Cottage	0.64	5	111.8	115	-
			Access road	0.65	5	111.7	115	-
			Fairview	0.66	5	112.1	115	-
Jul-15	09.07.2015	1507/ 1508	Cadira Vale	2.52	5	100.6	115	-
			Hartley Cottage	0.58	5	114.8	115	-
			Access road	0.82	5	114.8	115	-
			Fairview	0.72	5	114.3	115	-
Aug-15	18.08.2015	1509/ 1510	Cadira Vale	2.7	5	89.7	115	-
			Hartley Cottage	0.65	5	91.6	115	-
			Access road	0.57	5	90.6	115	-
			Fairview	0.5	5	95.6	115	-
Sep-15	10.09.2015	1511/ 1512	Cadira Vale	0	5	0	115	Device malfunction (battery wold
			Hartley Cottage	0.81	5	105	115	-
			Access road	0.75	5	114.7	115	-
			Fairview	0.58	5	88.9	115	-
Oct-15	07.10.2015	1515	Cadira Vale	1.8	5	108.1	115	-
			Hartley Cottage	0.58	5	100.7	115	-
			Access road	0.55	5	92.6	115	-
			Fairview	0.51	5	102.7	115	-
Nov-15	30.11.2015	1517/ 1518	Cadira Vale	2.64	5	102.3	115	-
			Hartley Cottage	1.65	5	105.2	115	-
			Access road	1.19	5	103.4	115	-
			Fairview	1.48	5	102.4	115	-
Dec-15	16.12.2015	1519/ 1520	Cadira Vale	2.51	5	102.8	110	-
			Hartley Cottage	1.14	5	106.7	115	-
			Access road	0.84	5	112.3	115	-
			Fairview	0.78	5	112.4	115	-

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Licensee Address: 3410 Mitchell Highway, East Guyong NSW 2798

EPL No: 20150 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