

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 db (lin peak)	Overpressure Compliant db (lin peak)	Comments
Jan-18	23.01.2018	1801 - 20,986	Cadira Vale	3.45	5	102.5	115	-
			Hartley Cottage	2.84	5	88	115	-
			Access road	0	5	0	115	No Trigger Activation
			Fairview	1.67	5	107.3	115	-
			Cadira	2.65	5	85.8	115	No Trigger Activation
Feb-18	13.02.2018	1802 - 34,331	Cadira Vale	3.92	5	99.4	115	-
			Hartley Cottage	3.16	5	84.5	115	-
			Access road	0	5	0	115	No Trigger Activation
			Fairview	1.54	5	101.6	115	-
			Cadira	0	5	0	115	Not used due to approved site personnel not being available
Feb-18	27.02.2018	1803 - 35,996	Cadira Vale	2.82	5	106.5	115	-
			Hartley Cottage	3.82	5	96.5	115	-
			Access road	0	5	0	115	No Trigger Activation
			Fairview	2.5	5	107.6	115	-
			Cadira	0	5	0	115	No Trigger Activation
Mar-18			Cadira Vale		5		115	No Blasting
			Hartley Cottage		5		115	
			Access road		5		115	
			Fairview		5		115	
			Cadira		5		115	
Apr-18	10.04.2018	1804 - 18,500	Cadira Vale	2.69	5	107.4	115	-
			Hartley Cottage	1.41	5	85.8	115	-
			Access road	0	5	0	115	No Trigger Activation
			Fairview	0	5	0	115	No Trigger Activation
			Cadira	0	5	0	115	No Trigger Activation
May-18	14.05.2018	1805 - 18,000	Cadira Vale	1.83	5	103.7	115	-
			Hartley Cottage	0.41	5	105.1	115	-
			Access road	0.58	5	96	115	-
			Fairview	0.56	5	109.7	115	-
			Cadira	0	5	0	115	Not placed due to low staff members
May-18	28.05.2018	1806 - 11,216	Cadira Vale	2.32	5	106.1	115	-
			Hartley Cottage	0.96	5	88.2	115	-
			Access road	3.67	5	103.4	115	-
			Fairview	0	5	0	0	No Trigger Activation
			Cadira	0	5	0	0	No Trigger Activation
Jun-18	26.06.2018	1807/8 - 19,000	Cadira Vale	4.93	5	108.2	115	-
			Hartley Cottage	0	5	0	115	No Trigger Activation
			Access road	0.69	5	96	115	-
			Fairview	1.34	5	101.4	115	-
			Cadira	0	5	0	115	No Trigger Activation
Jul-18	23.07.2018	1809 - 19,000	Cadira Vale	2.36	5	100.4	115	-
			Hartley Cottage	0	5	0	115	No Trigger Activation
			Access road	0	5	0	115	No Trigger Activation
			Fairview	0	5	0	115	No Trigger Activation
			Cadira	0	5	0	115	No Trigger Activation
Aug-18	22.08.2018	1810 - 21,000	Cadira Vale	0.63	5	110.2	115	-
			Hartley Cottage	0	5	0	115	No Trigger Activation
			Access road	0	5	0	115	No Trigger Activation
			Fairview	0	5	0	115	No Trigger Activation
			Cadira	0	5	0	115	No Trigger Activation
Sep-18	24.09.2018	1811 - 26,000	Cadira Vale	0.76	5	106.9	115	-
			Hartley Cottage	0.51	5	103.5	115	-
			Access road	0	5	0	115	No Trigger Activation
			Fairview	0	5	0	115	No Trigger Activation
			Cadira	0	5	0	115	No Trigger Activation
Oct-18	16.10.2018	1812 - 24,000	Cadira Vale	0.63	5	109.2	115	-
			Hartley Cottage	0	5	0	115	No Trigger Activation
			Access road	0.51	5	110.2	115	-
			Fairview	0	5	0	115	No Trigger Activation
			Cadira	0	5	0	115	No Trigger Activation
Nov-18	19.11.2018	1813 - 30,000	Cadira Vale	2.35	5	103.5	115	-
			Hartley Cottage	0	5	0	115	No Trigger Activation
			Access road	0.55	5	95.9	115	-
			Fairview	1.82	5	100	115	-
			Cadira	0	5	0	115	No Trigger Activation
Dec-18			Cadira Vale	0	5	0	115	Blast scheduled for Jan 2019
			Hartley Cottage	0	5	0	115	
			Access road	0	5	0	115	
			Fairview	0	5	0	115	
			Cadira	0	5	0	115	

East Guyong Quarry Blast Monitoring Data

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