

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-19	21.01.2019	1814	Cadira Vale	0.55	5	97.5	115	N/C
			Hartley Cottage	0	5	0	115	No Trigger Activation
			Access road	0	5	0	115	No Trigger Activation
			Fairview	1.37	5	104.2	115	N/C
			Cadira	0	5	0	115	No Trigger Activation
Feb-19	25.02.2019	1901	Cadira Vale	0	5	0	115	No Trigger Activation
			Hartley Cottage	0	5	0	115	No Trigger Activation
			Access road	0	5	0	115	No Trigger Activation
			Fairview	0.85	5	102.3	115	N/C
			Cadira	0	5	0	115	No Trigger Activation
Mar-19	25.03.2019	1902	Cadira Vale	0.76	5	106	115	N/C
			Hartley Cottage	0.76	5	107.5	115	N/C
			Access road	0	5	0	115	No Trigger Activation
			Fairview	1.65	5	101	115	N/C
			Cadira	0	5	0	115	No Trigger Activation
Apr-19	10.04.2019	1903	Cadira Vale	0	5	0	115	No Trigger Activation
			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
May-19	03.05.2019	1904	Cadira Vale	0	5	0	115	No Trigger Activation
			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
May-19	23.05.2019	1905	Cadira Vale	0.76	5	104.9	115	N/C
			Hartley Cottage	0	5	0	115	No Trigger Activation
			Access road	0.51	5	97.5	115	N/C
			Fairview	0	5	0	115	No Trigger Activation
			Cadira	0	5	0	115	No Trigger Activation
Jun-19	07.06.2019	1906	Cadira Vale	0.51	5	109.5	115	N/C
			Hartley Cottage	0	5	0	115	No Trigger Activation
			Access road	0	5	0	115	No Trigger Activation
			Fairview	0.89	5	104.2	115	N/C
			Cadira	0	5	0	115	No Trigger Activation
Jul-19	8.7.19	43665	Cadira Vale	3.77	5	106.5	115	ok
			Hartley Cottage	0.53	5	119.2	115	Exceedance
			Access road	0	5	0	115	No Trigger Activation
			Fairview	0.56	5	108	115	ok
			Cadira	0	5	0	115	No Trigger Activation
Aug-19	Nil Blasts		Cadira Vale		5		115	
			Hartley Cottage		5		115	
			Access road		5		115	
			Fairview		5		115	
			Cadira		5		115	
Sep-19	3.9.19	1909	Cadira Vale	0	5	0	115	No Trigger Activation
			Hartley Cottage	0	5	0	115	No Trigger Activation
			Access road	0	5	0	115	No Trigger Activation
			Fairview	0.925	5	103.5	115	ok
			Cadira	0.813	5	107	115	ok
Sep-19	26.9.19	1908	Cadira Vale	1.98	5	104.9	115	ok
			Hartley Cottage	0.524	5	107	115	ok
			Access road	0.582	5	101.9	115	ok
			Fairview	0	5	0	115	No Trigger Activation
			Cadira	0.648	5	98.8	115	At Cadira House
			Cadira Vale	0.62	5	105.5	115	ok
			Hartley Cottage	0	5	0	115	No Trigger Activation

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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 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 5% of the total blasts in a 12 month period
120 dB (Lin Peak) 0% at any time

Key:

BM4175 (Cadira Vale)
BM4188 (Hartley Cottage)
BM4189 (Access Road)
BM4190 (Fairview)

Oct-19	24.10.19	1910	<i>Access road</i>	0	5	0	115	No Trigger Activation
			<i>Fairview</i>	0.741	5	104.9	115	ok
			<i>Cadira</i>	0	5	0	115	No Trigger Activation
Nov-19	8.11.19	1911	<i>Cadira Vale</i>	3.96	5	102.8	115	ok
			<i>Hartley Cottage</i>	0.915	5	109.6	115	ok
			<i>Access road</i>	0	5	0	115	No Trigger Activation
			<i>Fairview</i>	0	5	0	115	No Trigger Activation
			<i>Cadira</i>	0	5	0	115	No Trigger Activation
Dec-19	3.12.19	1911	<i>Cadira Vale</i>	0.51	5	106.5	115	ok
			<i>Hartley Cottage</i>		5		115	No Trigger Activation
			<i>Access road</i>	0.63	5	114	115	ok
			<i>Fairview</i>	1.02	5	103.5	115	ok
			<i>Cadira</i>		5		115	No Trigger Activation