

East Guyong Quarry Blast Monitoring Data



Month/Year	Blast Date	Shot number	Location	Ground Vibration Results mm/s	Ground Vibration Compliant mm/s	Overpressure Result db (lin peak)	Overpressure Compliant db (lin peak)	Comments
Jan-20	22.01.2020	20_03	Cadira Vale	2.2	5	107	115	Ok
			Hartley Cottage	0	5	0	115	no trigger
			Access road	0	5	0	115	no trigger
			Fairview	0.64	5	108	115	Ok
			Cadira	0	5	0	115	no trigger
Feb-20	20.02.2020	20_01	Cadira Vale	3.98	5	111.8	115	Ok
			Hartley Cottage	0.898	5	116.1	115	Exceedance
			Access road	0	5	0	115	no trigger
			Fairview	0	5	0	115	no trigger
			Cadira	1.3	5	113	115	ok
Apr-20	16.04.2020	20_02	Cadira Vale	0	5	0	115	no trigger
			Hartley Cottage	0	5	0	115	no trigger
			Access road	0.5	5	100	115	Ok
			Fairview	1.37	5	107	115	Ok
			Cadira	0.64	5	101.9	115	Ok
Jun-20	9.6.20	20_04	Cadira Vale	0	5	0	115	Pop over size, no trigger
			Hartley Cottage	0	5	0	115	Pop over size, no trigger
			Access road	0	5	0	115	Pop over size, no trigger
			Fairview	0	5	0	115	Pop over size, no trigger
			Cadira	0	5	0	115	Pop over size, no trigger
Jun-20	4.6.20	20_05	Cadira Vale	4.45	5	106.5	115	Ok
			Hartley Cottage	0.88	5	107.5	115	Ok
			Access road	0	5	0	115	no trigger
			Fairview	0	5	0	115	no trigger
			Cadira	1.35	5	105	115	Ok
Jun-20	19.6.20	20_06	Cadira Vale	0.69	5	109.5	115	Ok
			Hartley Cottage	0.12	5	92.3	115	Ok
			Access road	0.44	5	102.3	115	Ok
			Fairview	0.53	5	103.5	115	Ok
			Cadira	1.3	5	100.1	115	Ok
Jun-20	19.6.20	20_07	Cadira Vale	0	5	0	115	no trigger
			Hartley Cottage	0	5	0	115	no trigger
			Access road	0	5	0	115	no trigger
			Fairview	0	5	0	115	no trigger
			Cadira	0	5	0	115	no trigger
Jul-20	23.7.20	20_08	Cadira Vale	0.9	5	105.7	115	no trigger
			Hartley Cottage	0	5	0	115	no trigger
			Access road	0.61	5	102.1	115	Ok
			Fairview	0.5	5	104.7	115	Ok
			Cadira	1.8	5	93.9	115	Ok
Aug-20	13.8.20	20_09	Cadira Vale	3.78	5	107.1	115	Ok
			Hartley Cottage	0	5	0	115	no trigger
			Access road	0	5	0	115	no trigger
			Fairview	0.59	5	103.9	115	Ok
			Cadira	2.73	5	103.9	115	Ok
Aug-20	13.8.20	20_10	Cadira Vale	0.6	5	114.7	115	Ok
			Hartley Cottage	0	5	0	115	no trigger
			Access road	0	5	0	115	no trigger
			Fairview	0.66	5	106.5	115	Ok
			Cadira	0	5	0	115	no trigger
Sep-20	22.9.20	20_11	Cadira Vale	0	5	0	115	no trigger
			Hartley Cottage	0	5	0	115	no trigger
			Access road	0	5	0	115	no trigger
			Fairview	1.01	5	104.7	115	ok
			Cadira	0	5	0	115	ok
Oct-20	29.10.20	20_13	Cadira Vale	0.79	5	111	115	Ok
			Hartley Cottage	0.68	5	107.6	115	Ok
			Access road	0	5	0	115	no trigger
			Fairview	0.51	5	111.9	115	Ok
			Cadira	1.1	5	105.9	115	Ok
Nov-20	17.11.20	20_14	Cadira Vale	0	5	12	115	Ok
			Hartley Cottage	0	5	0	115	no trigger
			Access road	1.12	5	99.1	115	Ok
			Fairview	0.95	5	100.2	115	Ok
			Cadira	0.08	5	112.8	115	Ok
Dec-20	10.12.20	20_12 20_16	Cadira Vale	0	5	0	115	no trigger also pop over size rock
			Hartley Cottage	0	5	0	115	no trigger also pop over size rock
			Access road	0	5	0	115	no trigger also pop over size rock
			Fairview	0	5	0	115	no trigger also pop over size rock
			Cadira	0	5	0	115	no trigger also pop over size rock
Dec-20	11.12.20	20_17 20_18	Cadira Vale	0	5	0	115	No trigger , Popoversize rocks x 2
			Hartley Cottage	0	5	0	115	No trigger , Popoversize rocks x 3
			Access road	0	5	0	115	No trigger , Popoversize rocks x 4
			Fairview	0	5	0	115	No trigger , Popoversize rocks x 5
			Cadira	0	5	0	115	No trigger , Popoversize rocks x 6
Dec-20	17.12.20	20_15 20_19	Cadira Vale	0.61	5	104.7	115	Ok
			Hartley Cottage	0.95	5	102.6	115	Ok
			Access road	0.73	5	105.6	115	Ok
			Fairview	0	5	0	115	no trigger
			Cadira	1.08	5	102.2	115	Ok
Dec-20	18.12.20	20_20 20_21	Cadira Vale	0	5	0	115	No trigger , Popoversize rocks x 2
			Hartley Cottage	0	5	0	115	No trigger , Popoversize rocks x 3
			Access road	0	5	0	115	No trigger , Popoversize rocks x 4
			Fairview	0	5	0	115	No trigger , Popoversize rocks x 5
			Cadira	0	5	0	115	No trigger , Popoversize rocks x 6

East Guyong Quarry Blast Monitoring Data Details

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; and
 10 mm/s for more than 0% at any time

Key:

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