

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-21 | No blast in January | No blast in January | Cadira Vale | | 5 | | 115 | No blast in January |
| | | | Hartley Cottage | | 5 | | 115 | |
| | | | Access road | | 5 | | 115 | |
| | | | Fairview | | 5 | | 115 | |
| | | | Cadira | | 5 | | 115 | |
| Feb-21 | 4.2.21 | 1_21 | Cadira Vale | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Hartley Cottage | 0.87 | 5 | 102 | 115 | Ok |
| | | | Access road | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Fairview | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Cadira | 2.2 | 5 | 104 | 115 | Ok |
| Feb-21 | 24.2.21 | 2_21 | Cadira Vale | 0.16 | 5 | 108.8 | 115 | Ok |
| | | | Hartley Cottage | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Access road | 0.58 | 5 | 99 | 115 | Ok |
| | | | Fairview | 0.55 | 5 | 105.8 | 115 | Ok |
| | | | Cadira | 0 | 5 | 0 | 115 | No Trigger event |
| Mar-21 | No Blast in March | No blast in March | Cadira Vale | | 5 | | 115 | No blast in March |
| | | | Hartley Cottage | | 5 | | 115 | |
| | | | Access road | | 5 | | 115 | |
| | | | Fairview | | 5 | | 115 | |
| | | | Cadira | | 5 | | 115 | |
| Apr-21 | 14.4.21 | 3_21 | Cadira Vale | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Hartley Cottage | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Access road | 0.73 | 5 | 103.8 | 115 | Ok |
| | | | Fairview | 0.53 | 5 | 104.7 | 115 | Ok |
| | | | Cadira | 0.6 | 5 | 96.1 | 115 | ok |
| Apr-21 | 22.4.21 | 4_21 | Cadira Vale | 0.56 | 5 | 103.4 | 115 | Ok |
| | | | Hartley Cottage | 0.97 | 5 | 105.6 | 115 | Ok |
| | | | Access road | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Fairview | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Cadira | 1.66 | 5 | 104 | 115 | ok |
| May-21 | 26.5.21 | 5_21 | Cadira Vale | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Hartley Cottage | 0.08 | 5 | 112.7 | 115 | Ok |
| | | | Access road | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Fairview | 0.56 | 5 | 103.5 | 115 | Ok |
| | | | Cadira | 0.08 | 5 | 111.9 | 115 | Ok |
| Jun-21 | 8.6.21 | 6_21 | Cadira Vale | 0.54 | 5 | 99.2 | 115 | Ok |
| | | | Hartley Cottage | 0.82 | 5 | 104.8 | 115 | Ok |
| | | | Access road | 0.35 | 5 | 110.4 | 115 | Ok |
| | | | Fairview | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Cadira | 2.79 | 5 | 102.2 | 115 | Ok |
| Jun-21 | 24.6.21 | 7_21 | Cadira Vale | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Hartley Cottage | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Access road | 0.86 | 5 | 106.9 | 115 | Ok |
| | | | Fairview | 0.8 | 5 | 106.7 | 115 | Ok |
| | | | Cadira | 0.58 | 5 | 101.2 | 115 | Ok |
| Jul-21 | No blast in July | No blast in July | Cadira Vale | | 5 | | 115 | No blast in July |
| | | | Hartley Cottage | | 5 | | 115 | |
| | | | Access road | | 5 | | 115 | |
| | | | Fairview | | 5 | | 115 | |
| | | | Cadira | | 5 | | 115 | |
| Aug-21 | 5.8.21 | 8_21 | Cadira Vale | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Hartley Cottage | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Access road | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Fairview | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Cadira | 0.79 | 5 | 108.9 | 115 | Ok |
| Aug-21 | 5.8.21 | 9_21 | Cadira Vale | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Hartley Cottage | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Access road | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Fairview | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Cadira | 1.34 | 5 | 114.6 | 115 | Ok |

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)

Key:

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

| | | | | | | | | |
|--------|----------|-------|-----------------|-------|---|-------|-----|------------------|
| Sep-21 | 16.9.21 | 8a_21 | Cadira Vale | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Hartley Cottage | 0.43 | 5 | 103.5 | 115 | Ok |
| | | | Access road | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Fairview | 0.71 | 5 | 105.4 | 115 | Ok |
| | | | Cadira | 1.67 | 5 | 108.6 | 115 | Ok |
| Oct-21 | 13.10.21 | 10_21 | Cadira Vale | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Hartley Cottage | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Access road | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Fairview | 0.53 | 5 | 107.4 | 115 | Ok |
| | | | Cadira | 0.95 | 5 | 110.2 | 115 | OK |
| Nov-21 | 19.11.21 | 11_21 | Cadira Vale | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Hartley Cottage | 0 | 5 | 0 | 115 | No Trigger event |
| | | | Access road | 0.45 | 5 | 102.2 | 115 | ok |
| | | | Fairview | 1.1 | 5 | 101.7 | 115 | Ok |
| | | | Cadira | 0.07 | 5 | 104.7 | 115 | Ok |
| Dec-21 | 10.12.21 | 12_21 | Cadira Vale | 0.59 | 5 | 102.9 | 115 | Ok |
| | | | Hartley Cottage | 0.64 | 5 | 108.9 | 115 | Ok |
| | | | Access road | 0.37 | 5 | 101.8 | 115 | Ok |
| | | | Fairview | 0.71 | 5 | 104.4 | 115 | Ok |
| | | | Cadira | 0.947 | 5 | 103.5 | 115 | Ok |