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# Johns River Quarry

## Environmental Monitoring Report

### Blast Monitoring Data

September 2026



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This monitoring report is to satisfy the requirements of Section 66 (6) of the Protection of the Environment and Operations Act 1997, to make available, within 14 days of obtaining any monitoring data that relates to pollution under an Environment Protection Licence

The monitoring of pollutants provided in this report is undertaken as per the requirements of Environment Protection Licence 2261 (EPL: 2261 – Boral Teven Quarry)

| Johns River Quarry Information |                                                   |
|--------------------------------|---------------------------------------------------|
| Premise Details                | Boral – Johns River Quarry                        |
| Address                        | Bulleys Road Johns River NSW 2443                 |
| Licensee                       | Boral Resources (Country) Pty Ltd                 |
| EPL No                         | 4812                                              |
| EPL Location                   | <a href="#">ViewPOEOLicence.aspx (nsw.gov.au)</a> |
| Date of dataset update         | 9/09/2026                                         |

Monitoring data in this report relates to the monitoring undertaken in the reporting period for the following environmental pollutants:

- Blasting



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## Blasting

Blast monitoring is conducted as per condition M8 of EPL 4812.

### **Qualifications related to blasting:**

#### **Extracted from EPL: 4812 – L5.1 to L5.5**

- Blasting operations at the premises only take place between 9:00am and 3:00 pm Monday to Friday and 9:00am and 1:30 pm Saturday. Where compelling safety reasons exist, the Environment Protection Authority May permit a blast to occur outside the abovementioned hours. Prior written notification of any such blast must be made to the Environment Protection Authority at [hunter.region@epa.nsw.gov.au](mailto:hunter.region@epa.nsw.gov.au).
- The airblast overpressure level from blasting operations at the premises must not exceed:
  - 115dB (Lin Peak) at any noise sensitive locations for more than five percent of the total number of blasts over each reporting period, or one blast in each reporting period, whichever is the greater.
  - 120 dB (Lin Peak) at any time at any residence or noise sensitive location.
- Ground vibration peak particle velocity from the blasting operations at the premises must not exceed:
  - 10mm/sec at any time at any noise sensitive locations.
  - 5mm/sec at any noise sensitive locations for more than five percent of the total number of blasts in the reporting period, or one blast in each reporting period, whichever is the greater.

\* NOTE: Where no data has been published for a particular date there has been no blasting activity undertaken for that date



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TABLE 1: Johns River Quarry – Blast Monitoring Results

| EPA ID<br>(Blast #) | Monitoring<br>Frequency | Blast Date | Blast Time | Blast Results        |                            | Trigger<br>Level (dB) | Trigger<br>Level<br>(mm/s) | Sampling<br>Location | Compliant<br>Blast (Y/N) | Comments |
|---------------------|-------------------------|------------|------------|----------------------|----------------------------|-----------------------|----------------------------|----------------------|--------------------------|----------|
|                     |                         |            |            | Overpressure<br>(dB) | Ground<br>Vibration (mm/s) |                       |                            |                      |                          |          |
| JRQ26-04            | Per Blast               | 20/07/2026 | 14:09      | 111.5                | 2.78                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ26-03            | Per Blast               | 20/07/2026 | 14:09      | 111.5                | 2.78                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ26-02            | Per Blast               | 16/03/2026 | 13:42      | 112.0                | 1.90                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ26-01            | Per Blast               | 28/01/2026 | 11:38      | 106.9                | 0.17                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ25-01            | Per Blast               | 10/04/2025 | 12:09      | 96.0                 | 0.51                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ24-04            | Per Blast               | 10/12/2024 | 12:18      | 106.5                | 1.00                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ24-03            | Per Blast               | 24/07/2024 | 12:07      | 110.2                | 0.76                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ24-02            | Per Blast               | 15/05/2024 | 12:24      | 111.4                | 0.46                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ24-01            | Per Blast               | 23/04/2023 | 14:33      | 106.6                | 1.16                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ-23-08           | Per Blast               | 04/12/2023 | 12:45      | 102.6                | 1.48                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ-23-07           | Per Blast               | 09/10/2023 | 12:10      | 105.0                | 1.85                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ-23-06           | Per Blast               | 17/07/2023 | 13:46      | 105.0                | 0.19                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ-23-05           | Per Blast               | 17/07/2023 | 13:32      | 107.5                | 2.90                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ-23-04           | Per Blast               | 07/06/2023 | 12:44      | 109.2                | 2.93                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ-23-03           | Per Blast               | 05/05/2023 | 12:21      | 109.5                | 2.81                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ-23-02           | Per Blast               | 27/03/2023 | 12:56      | 104.2                | 3.11                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ-23-01           | Per Blast               | 24/02/2023 | 11:27      | 109.2                | 3.97                       |                       |                            | Frost Residence      | Y                        |          |
| JRQ-22-05           | Per Blast               | 01/11/2022 | 11:57      | 97.17                | 2.9                        |                       |                            | Frost Residence      | Y                        |          |
| JRQ-22-06           | Per Blast               | 31/10/2022 | 10:22      | 103.5                | 3.5                        |                       |                            | Frost Residence      | Y                        |          |



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| EPA ID<br>(Blast #) | Monitoring<br>Frequency | Blast Date | Blast Time | Blast Results        |                            | Trigger<br>Level (dB) | Trigger<br>Level<br>(mm/s) | Sampling<br>Location | Compliant<br>Blast (Y/N) | Comments        |
|---------------------|-------------------------|------------|------------|----------------------|----------------------------|-----------------------|----------------------------|----------------------|--------------------------|-----------------|
|                     |                         |            |            | Overpressure<br>(dB) | Ground<br>Vibration (mm/s) |                       |                            |                      |                          |                 |
| JRQ-22-04           | Per Blast               | 30/09/2022 | 11:09      | 101.6                | 3.9                        |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-22-03           | Per Blast               | 29/08/2022 | 12:02      | 100.9                | 4.13                       |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-22-02           | Per Blast               | 07/05/2022 | 12:36      | No Trigger           | No Trigger                 | 100                   | 0.5                        | Frost Residence      | Y                        |                 |
| JRQ-22-01           | Per Blast               | 22/03/2022 | 09:07      | 104.9                | 10.2                       |                       |                            | Frost Residence      | N                        | Reported to EPA |
| JRQ-21-07           | Per Blast               | 15/12/2021 | 11:20      | 103.1                | 1.163                      |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-21-05/06        | Per Blast               | 05/10/2021 |            | 104.1                | 0.985                      |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-21-02           | Per Blast               | 29/07/2021 |            | 100                  | 0.284                      |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-21-03/04        | Per Blast               | 14/07/2021 |            | 119.4                | 1.396                      |                       |                            | Frost Residence      | N                        | Reported to EPA |
| JRQ-21-01           | Per Blast               | 20/04/2021 |            | 107                  | 0.2081                     |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-20-06           | Per Blast               | 22/01/2021 |            | 100.8                | 0.2393                     |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-20-05           | Per Blast               | 11/11/2020 |            | 112.1                | 0.8728                     |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-20-04           | Per Blast               | 5/08/2020  |            | 105.5                | 1.274                      |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-20-03           | Per Blast               | 5/08/2020  |            | 105.5                | 1.274                      |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-20-02           | Per Blast               | 3/06/2020  |            | 103.2                | 0.214                      |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-20-01           | Per Blast               | 14/02/2020 |            | 104.3                | 2.567                      |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-19-04           | Per Blast               | 14/10/2019 |            | 112.9                | 2.898                      |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-19-03           | Per Blast               | 12/06/2019 |            | 91.5                 | 2.524                      |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-19-02           | Per Blast               | 30/06/2019 |            | 111                  | 3.884                      |                       |                            | Frost Residence      | Y                        |                 |
| JRQ-19-01           | Per Blast               | 4/02/2019  |            | No Trigger           | No Trigger                 | 100                   | 0.5                        | Frost Residence      | Y                        |                 |

**TABLE 2: Blast Monitoring Results – Corrections Log**

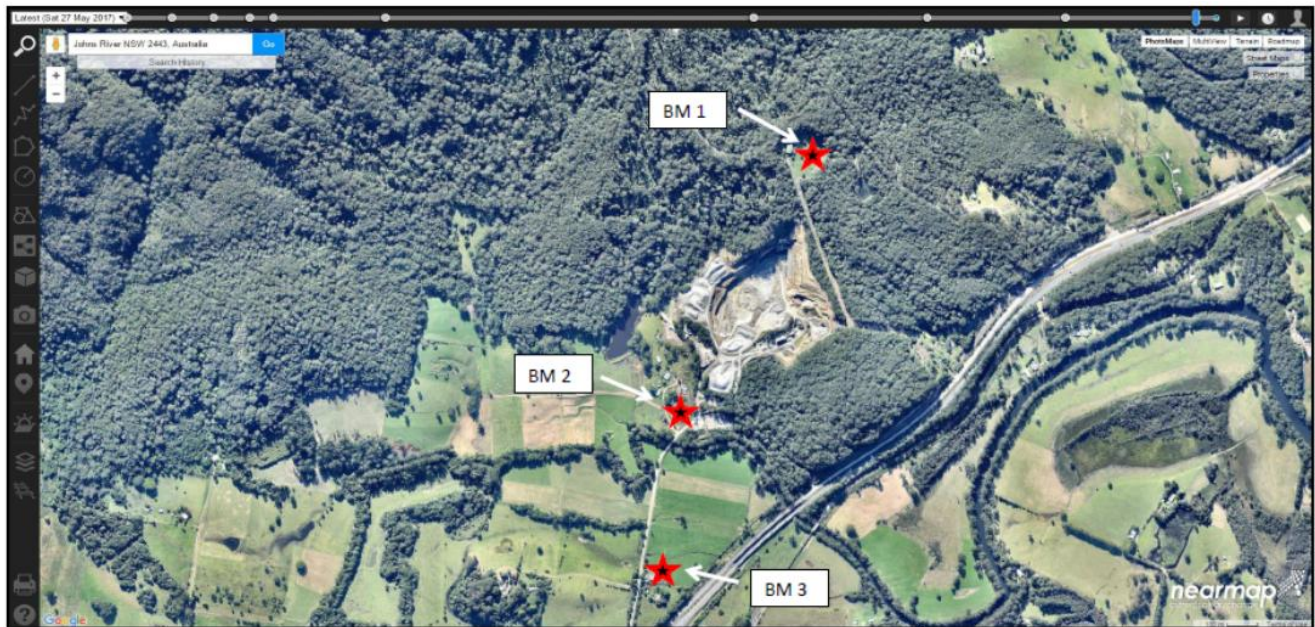
| Date of Data<br>(sample<br>Date) | Old Published<br>Data | Corrected Data | Reason for Update /<br>Correction | Update Person | Date corrected Data Published | Comments |
|----------------------------------|-----------------------|----------------|-----------------------------------|---------------|-------------------------------|----------|
|                                  |                       |                |                                   |               |                               |          |
|                                  |                       |                |                                   |               |                               |          |
|                                  |                       |                |                                   |               |                               |          |
|                                  |                       |                |                                   |               |                               |          |

Note: The table above details the corrections made to published data due to incorrect reporting or misleading published data



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FIGURE 1 Johns River Quarry- Blast Monitoring Locations



NOTE: Blast Monitor 3 (**BM3 – Frost Residence**) is the Licensed Monitoring Location under EPL 4812.