

**BLAST RESULTS 2025**

**EPL No.** 396  
**Licencee:** Bloomfield Collieries Pty Ltd  
**Premises:** Bloomfield Colliery  
Four Mile Creek Rd  
Astonfield NSW 2323

**Monitoring Frequency:** Every blast  
**Airblast Overpressure Limit:** 120 dB(Lin Peak)  
**Ground Vibration Limit:** 10 mm/s



| Shot No.                      Date & Time |                    | Blast Monitor Location  |                  |                 |                             |                  |                 |                              |                  |                 |                         |                  |                 |
|-------------------------------------------|--------------------|-------------------------|------------------|-----------------|-----------------------------|------------------|-----------------|------------------------------|------------------|-----------------|-------------------------|------------------|-----------------|
|                                           |                    | EPA ID No. 5 - Elliot's |                  |                 | EPA ID No. 4 - McNaughton's |                  |                 | EPA ID No. 3 - Mt Vincent Rd |                  |                 | EPA ID No. 6 - Richards |                  |                 |
|                                           |                    | Vibration<br>(mm/s)     | Airblast<br>(dB) | Distance<br>(m) | Vibration<br>(mm/s)         | Airblast<br>(dB) | Distance<br>(m) | Vibration<br>(mm/s)          | Airblast<br>(dB) | Distance<br>(m) | Vibration<br>(mm/s)     | Airblast<br>(dB) | Distance<br>(m) |
| 7064                                      | 30/01/2025 1:56pm  | 0.24                    | 101.1            | 1838            | 0.16                        | 103.4            | 2200            | 0.21                         | 101.6            | 2237            | 0.16                    | 100.5            | 2282            |
| 7065                                      | 4/02/2025 2:01pm   | 0.2                     | 101.9            | 1867            | 0.25                        | 102.6            | 2127            | 0.23                         | 101.8            | 2259            | 0.17                    | 97.6             | 2452            |
| 7066                                      | 12/02/2025 10:57am | 0.6                     | 95.5             | 1696            | 0.59                        | 95.8             | 2152            | 0.48                         | 102.7            | 2360            | 0.7                     | 98.1             | 2130            |
| 7067                                      | 25/02/2025 11:03am | 0.41                    | 98.1             | 1821            | 0.33                        | 99.1             | 2204            | 0.65                         | 97.5             | 2246            | 0.61                    | 95.3             | 2251            |
| 7068                                      | 13/03/2025 2:05pm  | 0.5                     | 101.9            | 1883            | 0.46                        | 102.7            | 2131            | 0.51                         | 98.1             | 2249            | 0.39                    | 96.8             | 2472            |
|                                           |                    |                         |                  |                 |                             |                  |                 |                              |                  |                 |                         |                  |                 |