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# Environmental Monitoring Report

## Blasting Monitoring

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# Dunmore Quarry

December 2025





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## Blasting

Blast monitoring is conducted as per condition L4 of EPL 77. The blasting monitoring results for the reporting period is summarised below.

Sample Period: November 2025  
Licensee: Dunmore Quarry  
Licensee Address: Princes Hwy, Dunmore NSW 2529  
EPL No: 77

### Qualifications related to noise:

- \* The overpressure level from blasting operations at the premises must not exceed 120dB (Lin Peak) at any time
- \* The overpressure level from blasting operations at the premises must not exceed 115dB (Lin Peak) for more than 5% of the total number of blasts over each reporting period
- \* Ground vibration peak particle vector from the blasting operations at the premises must not exceed 10mm/sec at any time
- \* Ground vibration peak particle vector from the blasting operations at the premises must not exceed 5mm/sec for more than 5% of the total number of blasts over each reporting period
- \* Blast monitoring overpressure and ground vibration is currently measured at the Benny Property. Prior to the 20<sup>th</sup> of February 2018 blast monitoring had been undertaken at the MacParland Residence.
- \* **A reading denoted as "No Trigger" means that the recorded value was below the measuring sensitivity of the instrument and therefore deemed compliant with limits.**

Monitoring Location	Blast Date	Results Received	Time	Ground Vibration (mm/s)	Overpressure (dBBL)	Compliant	Comments
Benny Residence	14-Nov-25	14-Nov-25	10:30	0.05	94.5	Y	Instrument set to a sensitivity of 88.0dbL for Overpressure and 0mm/s for Vibration



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### Historical Data

Monitoring Location	Blast Date	Results Received	Time	Ground Vibration (mm/s)	Overpressure (dBL)	Compliant	Comments
Benny Residence	There were no blasts in October						
Benny Residence	24-Sep-2025	25-Sep-25	12:54	0.39	100.9	Y	
Benny Residence	2-Sep-2025	3-Sep-25	13:46	0.27	99.1	Y	
Benny Residence	6-August-2025	7-August-25	13:38	0.28	100.5	Y	
Benny Residence	16-July-2025	17-July-25	13:45	0.41	100.2	Y	
Benny Residence	11-June-2025	12-June-25	14:17	No trigger	No trigger	Y	
Benny Residence	21-May-2025	22-May-25	16:07	0.95	108.7	Y	
Benny Residence	16-April-2025	17-April-25	14:59	0.29	96.6	Y	
Benny Residence	3-April-2025	4-April-25	11:13	0.39	94.6	Y	
Benny Residence	12-Mar-2025	17-Mar-25	12:51	No Trigger	No Trigger	Y	
Benny Residence	07-Mar-2025	10-Mar-25	11:47	No Trigger	No Trigger	Y	
Benny Residence	03-Mar-2025	05-Mar-25	1401	No Trigger	No Trigger	Y	
Benny Residence	31-Jan-2025	13-Feb-25	1406	No Trigger	No Trigger	Y	
Benny Residence	15-Jan-2025	13-Feb-25	1219	No Trigger	No Trigger	Y	
Benny Residence	09-Dec-2024	13-Feb-25	1235	No Trigger	No Trigger	Y	
Benny Residence	12-Nov-2024	13-Feb-25	1237	No Trigger	88.0	Y	
Benny Residence	22-Oct-2024	13-Feb-25	1343	No Trigger	No Trigger	Y	
Benny Residence	30-Sep-2024	02-Oct-24	1214	0.13	102.9	Y	
Benny Residence	12-Sep-2024	02-Oct-24	1355	0.20	110.7	Y	
Benny Residence	18-Jul-2024	23-Jul-24	1338	0.08	107.1	Y	
Benny Residence	02-Jul-2024	07-Jul-24	0935	0.05	103.5	Y	
Benny Residence	13-Jun-2024	15-Jun-24	1356	0.26	87.6	Y	
Benny Residence	30-May-2024	15-Jun-24	1356	0.23	97.3	Y	
Benny Residence	9-May-2024	11-May-24	1509	0.47	102.4	Y	
Benny Residence	15-Apr-2024	11-May-24	1349	0.05	88.1	Y	
Benny Residence	20-Mar-2024	09-Apr-24	1258	0.30	103.1	Y	
Benny Residence	22-Feb-2024	10-Mar-24	1227	0.25	99.8	Y	
Benny Residence	08-Feb-2024	11-Feb-24	1559	0.31	105.2	Y	
Benny Residence	25-Jan-2024	11-Feb-24	1204	0.30	97.6	Y	
Benny Residence	12-Jan-2024	11-Feb-24	1538	0.35	105.0	Y	
Benny Residence	08-Dec-2023	10-Jan-24	1304	No Trigger	No Trigger	Y	
Benny Residence	17-Nov-2023	10-Jan-24	1315	No Trigger	No Trigger	Y	
Benny Residence	03-Nov-23	10-Jan-24	1346	0.17	97.1	Y	
Benny Residence	20-Oct-23	1-Nov-23	1347	0.68	108.9	Y	
Benny Residence	29-Sep-23	1-Nov-23	1552	0.32	93.3	Y	
Benny Residence	22-Sep-23	1-Nov-23	1334	0.45	99.7	Y	
Benny Residence	15-Sep-23	1-Nov-23	1340	0.17	93.3	Y	
Benny Residence	1-Sep-23	1-Nov-23	1334	0.17	105.4	Y	
Benny Residence	1-Sep-23	1-Nov-23	1316	0.13	110.3	Y	
Benny Residence	25-Aug-23	1-Nov-23	1228	0.70	100.1	Y	



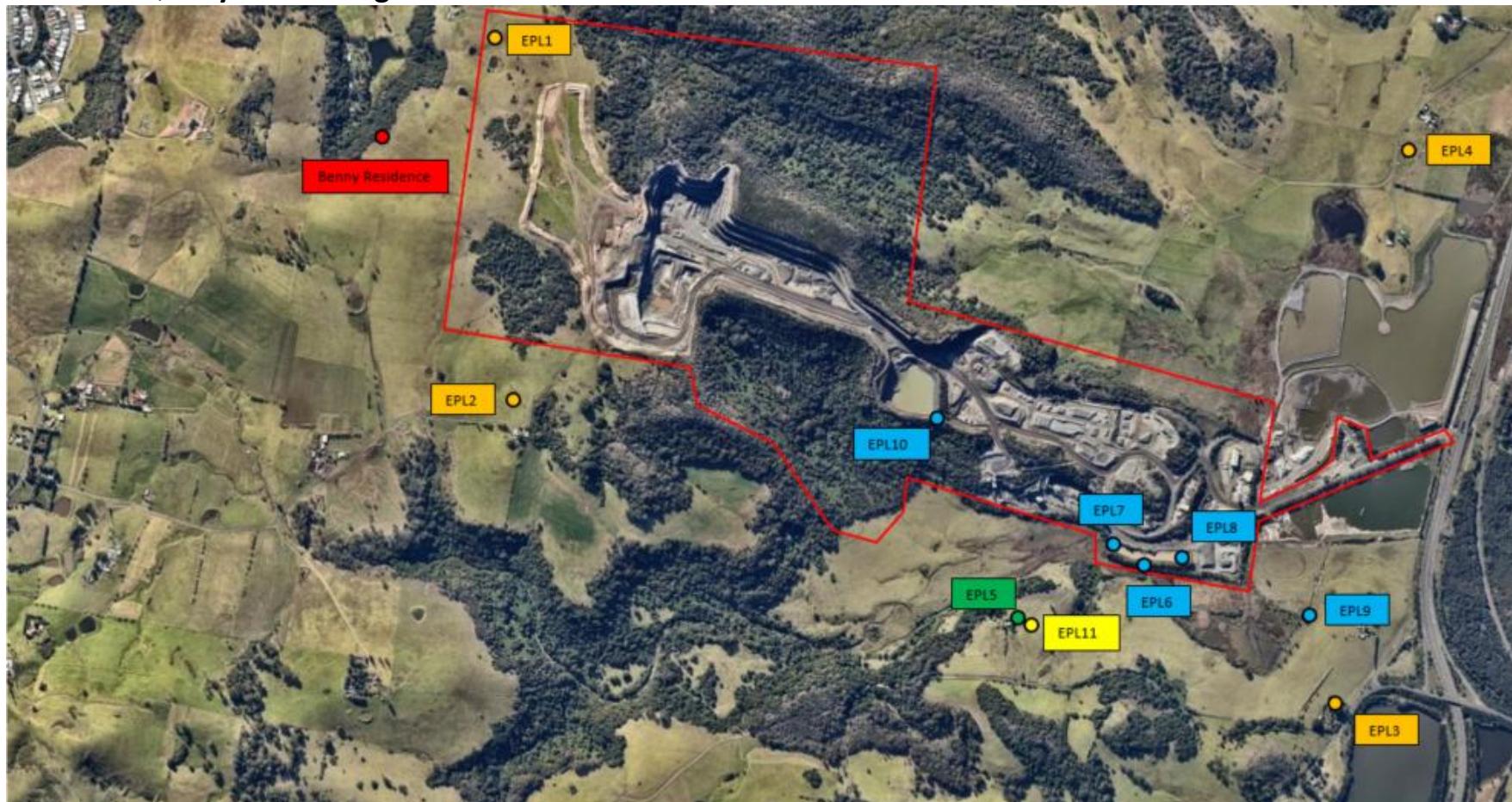
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Benny Residence	18-Aug-23	1-Nov-23	1432	0.83	107.0	Y	
Benny Residence	11-Aug-23	1-Nov-23	0957	0.18	102.9	Y	
Benny Residence	28-Jul-23	7-Aug-23	1223	0.55	99.7	Y	
Benny Residence	21-Jul-23	7-Aug-23	1400	0.05	104.2	Y	
Benny Residence	14-Jul-23	7-Aug-23	1239	0.05	95.0	Y	
Benny Residence	10-Jul-23	7-Aug-23	1502	0.05	98.0	Y	
Benny Residence	23-June-23	3-July-23	1257	1.27	108.0	Y	
Benny Residence	16-June-23	3-July-23	1437	0.18	95.8	Y	
Benny Residence	16-June-23	3-July-23	1421	0.45	99.0	Y	
Benny Residence	9-June-23	3-July-23	1437	0.38	108.1	Y	
Benny Residence	31-May-23	6-June-23	1242	0.57	96.6	Y	
Benny Residence	26-May-23	6-June-23	1320	1.05	104.3	Y	
Benny Residence	24-May-23	6-June-23	1319	No Trigger	97.3	Y	
Benny Residence	19-May-23	6-June-23	1559	0.31	91.0	Y	
Benny Residence	12-May-23	6-June-23	1235	0.44	98.6	Y	
Benny Residence	05-May-23	6-June-23	1307	No Trigger	92.9	Y	
Benny Residence	28-Apr-2023	3-May-23	1300	0.09	103.0	Y	
Benny Residence	14-Apr-2023	3-May-23	1426	0.62	105.6	Y	
Benny Residence	20-Mar-2023	3-Apr-23	1323	0.63	104.6	Y	
Benny Residence	9-Mar-2023	3-Apr-23	1501	1.16	103.6	Y	
Benny Residence	20-Feb-2023	1-Mar-23	1525	1.06	108.0	Y	
Benny Residence	25-Jan-2023	14-Feb-23	1418	0.45	108.5	Y	
Benny Residence	11-Jan-2023	14-Feb-23	1214	0.45	109.6	Y	
Benny Residence	30-Nov-2022	12-Dec-22	1351	No Trigger	No Trigger	Y	
Benny Residence	14-Nov-2022	12-Dec-22	1515	No Trigger	No Trigger	Y	
Benny Residence	19-Oct-2022	11-Nov-22	1410	No Trigger	No Trigger	Y	
Benny Residence	10-Oct-2022	14-Oct-22	1626	No Trigger	No Trigger	Y	
Benny Residence	19-Sep-2022	14-Oct-22	1453	No Trigger	No Trigger	Y	
Benny Residence	31-Aug-2022	14-Oct-22	1600	No Trigger	No Trigger	Y	
Benny Residence	17-Aug-2022	14-Oct-22	1552	No Trigger	No Trigger	Y	
Benny Residence	1-Aug-2022	14-Oct-22	1512	No Trigger	No Trigger	Y	
Benny Residence	20-Jul-2022	30-Aug-22	1511	0.508	98.8	Y	
Benny Residence	29-Jun-2022	13-Jul-2022	1255	No Trigger	No Trigger	Y	
Benny Residence	22-Jun-2022	13-Jul-2022	1252	No Trigger	No Trigger	Y	
Benny Residence	20-May-2022	13-Jul-2022	1217	No Trigger	No Trigger	Y	
Benny Residence	16-May-2022	13-Jul-2022	1520	No Trigger	No Trigger	Y	
Benny Residence	4-May-2022	13-Jul-2022	1437	No Trigger	No Trigger	Y	
Benny Residence	31-Mar-2022	13-Jul-2022	1305	No Trigger	No Trigger	Y	
Benny Residence	21-Feb-22	15-Mar-22	11:06	No Trigger	No Trigger	Y	
Benny Residence	22-Dec-21	22-Dec-21	13:16	No Trigger	No Trigger	Y	
Benny Residence	01-Dec-21	01-Dec-21	14:41	No Trigger	No Trigger	Y	
Benny Residence	17-Nov-21	17-Nov-21	14:09	No Trigger	No Trigger	Y	



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### Dunmore Quarry Monitoring Locations.



#### LEGEND

- Site Boundary
- Water Discharge Monitoring Point
- Deposited Dust Monitoring Point
- Weather Analysis Monitoring Point
- Blast Monitoring Point
- High Volume Air Sampling Point