

BLAST RESULTS 2023

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 (mm/s)	Airblast (dB)	Distance (m)	Vibration (mm/s)	Airblast (dB)	Distance (m)	Vibration (mm/s)	Airblast (dB)	Distance (m)	Vibration (mm/s)	Airblast (dB)	Distance (m)
7011	25/01/2023 11:06am	0.87	100.8	1378	0.76	101.3	1872	0.28	91.5	2682	0.69	96.1	2144		
7012	8/02/2023 1:59pm	0.61	104.8	1761	0.4	102.4	2103	0.57	97.7	2326	0.84	103.1	2318		
7013	16/02/2023 2:00pm	0.63	107.4	1517	0.33	104.8	1974	0.32	101.5	2544	0.4	110.6	2162		
7014	28/02/2023 2:02pm	0.76	99.3	1695	0.58	101.2	2103	0.62	98	2371	0.81	101.8	2212		
7015	23/03/2023 2:00pm	0.21	106.2	1919	0.19	105.7	2198	0.28	101.4	2193	0.27	103.7	2422		
7016	31/03/2023 2:02pm	0.81	111.7	1881	0.51	105.1	2286	0.56	94.8	2179	0.66	96.4	2206		
7017	3/04/2023 1:58pm	0.04	102.6	1373	0.05	98	1938	0.02	92.1	2680	0.04	106	2037		
7018	5/04/2023 1:59pm	0.04	96.5	1224	0.02	95.4	1803	0.02	97.7	2829	0.03	106.8	2079		
7019	18/04/2023 1:59pm	0.03	99.8	1250	0.02	94.8	1767	0.02	89.2	2810	0.03	101.6	2158		
7020	27/04/2023 1:59pm	0.38	108.7	1971	0.33	104.7	2326	0.47	103.4	2102	0.42	109.2	2297		
7021	1/05/2023 1:55pm	0.29	103.1	2050	0.19	101.5	2360	0.21	97.3	2039	0.26	94.8	2383		
7022	15/05/2023 1:47pm	1.51	108.4	1317	0.85	102.5	1892	0.35	90.9	2736	1.21	98.5	2043		
7023	13/06/2023 2:00pm	1.09	106.5	1246	0.44	109.5	1858	0.19	84.9	2807	0.71	100.4	2020		
7024	20/06/2023 2:00pm	0.27	101.6	1640	0.26	98.6	2036	0.21	101.1	2432	0.23	102.1	2239		
7025	29/06/2023 11:03pm	0.26	100.2	1700	0.3	104.8	2033	0.23	101.9	2394	0.37	103.9	2333		
7026	06/07/2023 11:00pm	1.04	99.9	1269	0.82	101.3	1781	0.16	82.9	2791	0.35	89.2	2156		
7027	13/07/2023 1:56pm	0.24	106.6	1783	0.22	105.5	2101	0.27	92.8	2314	0.33	105	2357		
7028	4/08/2023 2:00pm	0.14	104.8	1666	0.11	101.6	1965	0.14	96	2447	0.15	100.1	2390		
7029	15/08/2023 1:48pm	0.25	98.6	1741	0.15	99	2014	0.15	100.4	2383	0.19	103.3	2428		
7030	22/08/2023 1:58pm	0.17	108.9	1772	0.12	102.4	2094	0.11	89.8	2323	0.12	102.4	2348		
7031	29/08/2023 1:55pm	0.16	103.7	1698	0.14	104.7	2081	0.1	87.9	2376	0.11	102.2	2252		
7032	5/09/2023 2:00pm	0.12	105.3	1628	0.12	107.4	2021	0.1	95.1	2446	0.14	107.3	2245		
7033	15/09/2023 1:57pm	0.46	107.8	2064	0.33	105.3	2330	0.41	104	2050	0.3	108.2	2462		
7034	22/09/2023 11:00am	0.35	104.8	1915	0.3	102.2	2222	0.42	110.1	2181	0.47	109.8	2376		
7035	9/10/2023 1:57pm	0.37	107.6	2046	0.34	102.2	2375	0.65	102.3	2034	0.5	104.3	2349		
7036	18/10/2023 10:57am	0.57	100.6	1629	0.36	101	2021	0.5	101	2445	0.5	104.9	2247		
7037	30/10/2023 11:02am	0.55	107.9	1752	0.45	104.6	2070	0.42	80.3	2346	0.42	105.7	2357		
7038	19/12/2023 11:01am	0.72	103.4	1856	0.33	103.9	2278	0.44	93.3	2202	0.56	101.4	2175		