

**BLAST RESULTS 2018**

**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)
6770	12/01/2018 1:52pm	0.32	97.4	1197	0.18	96.2	1789	0.14	87.1	2856	0.18	99.2	2073		
6771	1/02/2018 1:50pm	0.26	99.8	1183	0.19	101.5	1988	0.12	90.4	2925	0.24	95.4	1759		
6772	7/02/2018 1:55pm	0.84	106.3	1425	0.82	98.2	1927	0.56	95.3	2631	0.58	110.6	2116		
6773	15/02/2018 1:53pm	0.16	100.4	1208	0.14	99.9	1998	0.08	88.3	2896	0.13	97.2	1764		
6774	26/02/2018 12:24pm	0.43	105.2	1105	0.31	97.5	1795	0.17	89	2953	0.21	100.9	1983		
6775	20/03/2018 2:10pm	0.85	112.8	1503	0.78	102.3	2008	0.6	90	2551	0.76	104.8	2088		
6776	29/03/2018 1:58pm	1.16	106.9	1502	1.3	101.5	1941	0.9	91.1	2564	1.01	112.3	2194		
6777	12/04/2018 2:03pm	0.5	105.9	1550	0.64	104.5	2016	0.52	85.1	2508	0.61	101.7	2141		
6778	18/04/2018 12:15pm	0.33	104.1	1226	0.25	101.5	1952	0.18	95.1	2850	0.25	108.1	1854		
6779	2/05/2018 1:58pm	0.37	105.2	1159	0.2	103.2	1746	0.12	88.2	2895	0.18	97.7	2098		
6780	9/05/2018 1:59pm	0.06	102.1	1245	0.03	88.3	2064	0.03	88.3	2885	0.06	94.5	1693		
6781	9/05/2018 2:06pm	0.54	105.4	1560	0.72	102.4	1973	0.44	91.6	2510	0.38	103.2	2223		
6782	15/05/2018 1:56pm	0.05	99.4	1194	0.04	101.5	1965	0.03	89.1	2897	0.04	99	1804		
6783	17/05/2018 1:54pm	0.66	106.8	1574	0.5	103.5	2056	0.43	87.3	2481	0.45	98.3	2109		
6784	18/05/2018 1:57pm	0.03	100.1	1202	0.01	96.6	1931	0.01	82.9	2873	0.02	94.8	1864		
6785	24/05/2018 1:52pm	0.18	98.3	1176	0.06	96.4	2004	0.06	87.7	2947	0.1	99.6	1727		
6786	30/05/2018 1:25pm	0.03	105.7	1257	0.01	104.9	2035	0.01	92.8	2849	0.03	87.4	1751		
6787	30/05/2018 2:02pm	0.69	101.5	1595	0.94	100	2017	0.48	96.5	2471	0.52	92.1	2204		
6788	6/05/2018 12:58pm	0.17	102.6	1207	0.1	101.3	1837	0.05	88.8	2846	0.07	96.4	2012		
6789	14/06/2018 12:14pm	0.24	103.2	1078	0.16	101.5	1725	0.07	85.1	2975	0.09	93.9	2060		
6790	20/06/2018 12:29pm	0.11	103.7	1129	0.08	103	1861	0.03	99.8	2939	0.06	101.3	1906		
6791	25/06/2018 1:50pm	1.2	102.6	1254	0.92	101.9	2045	0.35	87.8	2859	0.66	97	1731		
6792	2/07/2018 11:45pm	0.48	100.5	1169	0.41	99.7	1851	0.2	91.5	2890	0.37	96	1955		
6793	4/07/2018 1:58pm	1.19	104.2	1106	0.92	99.9	1842	0.35	87.1	2961	0.44	102.2	1916		
6794	10/07/2018 12:35pm	0.61	100.2	1118	0.37	104.9	1724	0.25	87.2	2936	0.37	95.2	2095		
6795	11/07/2018 1:49pm	0.53	102.9	1190	0.38	99.7	1873	0.26	86.3	2870	0.39	96.7	1942		
6796	26/07/2018 1:56pm	0.54	110.4	1335	0.48	108.7	1967	0.49	92.3	2723	0.46	103.8	1945		
6797	30/08/2018 10:45am	0.19	103	1801	0.14	104.9	2199	0.1	97.4	2264	0.11	101.5	2221		
6798	13/09/2018 11:09am	0.61	106.7	1579	0.56	108.5	2113	0.65	97.9	2474	0.99	110.9	2021		
6799	20/09/2018 1:54pm	0.76	113.8	1566	0.35	109.7	2131	0.5	101	2489	0.82	110.4	1969		
6800	26/09/2018 11:07am	0.58	97.6	1621	0.61	93.6	2150	0.47	96.8	2432	0.71	102.4	2018		
6801	18/10/2018 2:00pm	1.13	107.7	1627	0.82	101.2	2037	0.8	91.6	2441	0.71	103.1	2218		
6802	26/10/2018 11:07am	0.95	104.4	1672	0.74	103.4	2074	0.78	99.2	2397	0.79	101.7	2224		

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6803	1/11/2018 3:12pm	0.84	102.5	1717	0.81	102.2	2137	0.72	93.7	2345	0.82	102.4	2190		
6804	13/11/2018 1:55pm	1.01	108.4	1757	0.98	102.7	2145	0.83	98.7	2313	0.72	108.6	2240		
6805	19/11/2018 1:55pm	0.56	100.1	1813	0.63	102.1	2232	0.5	99.7	2246	0.56	99.7	2183		
6806	26/11/2018 10:07am	0.48	100.8	1433	0.48	103.2	1867	0.22	101.6	2638	0.2	99.9	2219		
6807	4/12/2018 2:12pm	0.69	102.10	1629	1.02	101.90	1947	0.50	101.60	2476	0.58	106.00	2362		
6808	11/12/2018 2:10pm	0.68	100.40	1824	0.49	105.70	2104	0.44	110.00	2292	0.40	107.10	2418		
6809	14/12/2018 10:04am	1.13	102.70	1447	0.93	101.80	1868	0.34	94.20	2627	0.32	103.30	2236		
6810	19/12/2018 2:05pm	0.51	99.20	1827	0.48	95.30	2161	0.42	0.42	2260	0.41	102.20	2328		