

BLAST RESULTS 2017

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	Vibration (mm/s)	Airblast (dB)	Distance	Vibration (mm/s)	Airblast (dB)	Distance	Vibration (mm/s)	Airblast (dB)	Distance
6714	16/01/2017 1.52pm	1.21	108.2	1373	0.59	107.1	2053	0.73	92.4	2700	1.04	109.5	1848		
6715	17/01/2017 1.52pm	0.26	105.8	1558	0.17	102.3	2043	0.09	101.8	2497	0.1	99.6	2107		
6716	23/01/2017 10.02am	0.42	107.4	991	0.16	104.7	1907	0.12	97.8	3156	0.06	90.1	1747		
6717	28/01/2017 9.45am	0.05	93.7	942	0.44	105.1	1824	0.13	100.2	3167	0.08	98.7	1836		
6718	31/01/2017 1.58pm	0.2	109.9	952	0.09	109.6	1775	0.03	86.6	3129	0.05	91.4	1907		
6719	2/02/2017 2.00pm	0.3	111	826	0.12	94.3	1693	0.12	108.8	3254	0.08	97.2	1955		
6720	16/02/2017 1.54pm	1.94	98.9	985	0.55	102.7	1904	0.31	87	3162	0.68	100.8	1749		
6721	23/02/2017 12.13pm	2.76	101.9	951	1.02	96.6	1852	0.24	91.3	3173	0.68	100.3	1803		
6722	3/03/2017 11.53pm	2.23	99.1	975	0.64	94.2	1873	0.19	93.2	3153	0.69	103.2	1786		
6723	8/03/2017 9.54am	2.11	101.7	865	0.48	98	1725	0.13	91	3219	0.48	95.2	1930		
6724	15/03/2017 10.23am	0.14	97.5	2184	0.13	94.3	2644	0.09	98.3	1871	0.12	109	2110		
6725	22/03/2017 1:00pm	0.23	107.4	2184	0.2	101.3	2644	0.13	97	1871	0.18	97.3	2110		
6726	28/03/2017 2:10pm	0.26	96.6	2184	0.26	96.1	2644	0.19	100.5	1871	0.2	105.4	2110		
6727	3/04/2017 10:49am	0.19	98.3	1684	0.17	95.6	2162	0.11	98.9	2370	0.13	104.9	2095		
6728	11/04/2017 12:13pm	0.19	96.1	1690	0.11	99.5	2229	0.1	100.2	2365	0.11	98	1984		
6729	18/05/2017 1.55pm	0.14	81	1271	0.08	97.7	1951	0.04	90.5	2793	0.07	104.3	1902		
6730	25/05/2017 12:21pm	0.74	103.3	1106	0.47	100.4	1909	0.22	87	2988	0.54	95.8	1817		
6731	26/05/2017 1:47pm	0.86	100.9	1264	0.37	100.7	1896	0.39	100.4	2792	0.61	109.1	1980		
6732	31/05/2017 2:04pm	0.19	94	1303	0.12	100.6	2033	0.07	102	2784	0.16	96.8	1802		
6733	1/06/2017 1:53pm	0.15	96.3	1335	0.1	99	2112	0.06	99.9	2783	0.13	96.1	1703		
6734	14/06/2017 1:52pm	0.22	98	1241	0.08	98.2	2069	0.09	97.2	2996	0.17	98.7	1679		
6735	19/06/2017 2:00pm	0.58	109	1231	0.51	104.2	1838	0.54	103.6	2822	0.5	106	2033		
6736	22/06/2017 1:56	0.74	111.6	1334	0.57	102.9	1915	0.41	100.1	2719	0.42	110.2	2027		
6737	3/07/2017 1:50pm	0.14	81	1366	0.28	97.2	1973	0.15	88.6	2690	0.25	104.8	1971		
6738	10/07/2017 1:56pm	0.67	109.1	1452	0.36	105.5	2133	0.3	102.4	2630	0.48	97.7	1807		
6739	13/07/2017 1:46pm	0.26	101.6	1283	0.1	98.3	2005	0.09	90	2798	0.15	99.6	1826		
6740	21/07/2017 2:07pm	0.48	104.4	1154	0.22	101.5	1828	0.17	92.1	2903	0.27	97	1976		
6741	21/07/2017 1:54pm	0.31	101.2	1376	0.13	97.1	2116	0.1	89	2725	0.23	93.2	1744		
6742	25/07/2017 1:55pm	0.28	105.3	1333	0.15	101.6	2103	0.11	87.4	2780	0.23	92.9	1716		
6743	3/08/2017 11.45pm	0.56	103.8	1404	0.42	103.3	2118	0.5	91.2	2687	1.02	107.1	1774		
6744	8/08/2017 1:54pm	0.32	107.6	1264	0.12	106.2	1879	0.1	102.9	2789	0.13	89.1	2007		
6745	12/08/2017 10:48am	0.26	107.5	1238	0.14	101.8	1945	0.1	94.4	2833	0.25	92.1	1876		
6746	21/08/2017 1:48pm	0.27	103.2	1184	0.12	98.2	1912	0.09	84.9	2888	0.17	96.5	1878		

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				Vibration (mm/s)	Airblast (dB)	Distance	Vibration (mm/s)	Airblast (dB)	Distance	Vibration (mm/s)	Airblast (dB)	Distance	Vibration (mm/s)	Airblast (dB)	Distance
6747	23/08/2017 2:38pm	0.68	107.9	1488	0.36	104.4	2201	0.41	90.6	2614	0.73	102.6	1733		
6748	23/08/2017 2:38pm	0.6	109.6	1458	0.4	102.1	2054	0.24	86.5	2598	0.18	105.1	1953		
6749	29/08/2017 2:00pm	0.66	103.7	1400	0.68	101.5	1911	0.34	96.1	2656	0.44	107.1	2110		
6750	7/09/2017 9:12am	0.34	110	1228	0.23	107.5	1852	0.19	87.7	2825	0.32	100.2	2011		
6751	9/09/2017 11:23am	0.59	103.8	1264	0.29	100.4	1987	0.32	88.8	2815	0.45	94	1836		
6752	12/09/2017 10:59am	0.4	106.2	1289	0.22	101.9	2055	0.16	88.2	2814	0.51	87.2	1750		
6753	15/09/2017 1:55pm	0.6	109.3	1314	0.21	100.9	2109	0.2	86	2813	0.43	88.3	1685		
6754	27/09/2017 10:22am	0.07	110.2	1256	0.06	106.6	1908	0.03	91	2802	0.04	102.4	1952		
6755	29/09/2017 11:00am	0.07	103.2	1194	0.03	100.1	1863	0.02	95	2864	0.05	91.2	1961		
6756	12/10/2017 1:54pm	0.85	117	1334	0.77	114.2	1889	0.7	96.5	2719	0.65	101.1	2067		
6757	19/10/2017 1:55pm	0.71	107.6	1444	0.49	103	2050	0.39	88.8	2614	0.6	100.2	1941		
6758	26/10/2017 1:49pm	0.11	101.4	1232	0.05	97.7	2058	0.06	91.5	2900	0.11	105.1	1690		
6759	02/11/2017 1.49pm	0.13	105	1294	0.07	99.7	2074	0.05	92.5	2819	0.09	105.1	1723		
6760	10/11/2017 9.57am	0.48	108.3	1175	0.26	104.8	1946	0.27	97.5	2913	0.34	108.5	1817		
6761	13/11/2017 1:53pm	0.36	103.5	1085	0.23	104.3	1766	0.14	101.8	2970	0.23	104.8	2008		
6762	20/11/2017 2:09pm	0.43	102.5	1084	0.31	96.8	1766	0.42	105.3	2971	0.52	107.9	2008		
6763	20/11/2017 2:09pm	0.43	102.5	1084	0.31	96.8	1766	0.42	105.3	2971	0.52	107.9	2008		
6764	24/11/2017 12:45pm	0.48	105.7	1147	0.42	100.5	1752	0.31	95.2	2906	0.33	107.6	2081		
6765	29/11/2017 10:53am	0.24	101.9	1173	0.12	98.3	2000	0.11	91.8	2948	0.19	102	1731		
6766	8/12/2017 11:10am	0.21	104.3	1264	0.13	97.3	2044	0.11	89.9	2843	0.22	99.6	1743		
6767	13/12/2017 1:53pm	0.24	100.3	1136	0.21	92.4	1903	0.16	84.8	2945	0.18	106.6	1849		
6768	18/12/2017 11:50am	0.3	102.8	1228	0.23	100.7	1935	0.16	87.3	2841	0.26	98	1883		
6769	21/12/2017 9:10am	0.46	101	1098	0.27	98.5	1745	0.18	91.5	2955	0.19	100.7	2048		