

**BLAST RESULTS 2016**

**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
6649	13/01/2016 11.50am	0.55	106.5	1109	0.4	104	1956	0.2	92.7	3013	0.47	99.5	1749
6650	20/01/2016 1.33pm	1	109.5	1119	0.37	105	1957	0.32	79.2	2998	0.77	90.2	1754
6651	27/01/2016 1.23pm	0.78	109.5	1193	0.59	101.1	1995	0.35	95.7	2915	0.9	110.6	1756
6652	29/01/2016 12.43pm	0.7	111.1	1221	0.37	103.9	2011	0.26	80.2	2885	0.87	97.1	1755
6653	2/02/2016 11.44am	0.71	108.9	1221	0.31	104.5	2011	0.23	92.5	2885	0.7	96.3	1755
6654	4/03/2016 3.41pm	0.32	107.6	895	0.1	104.2	1607	0.03	88	3158	0.06	93	2095
6655	5/03/2016 10.33am	DNR	DNR	895	DNR	DNR	1607	0.01	74.7	3158	0.02	80	2095
6656	15/03/2016 1.51pm	DNR	DNR	1461	DNR	DNR	2181	0.05	95.2	2641	0.1	100	1734
6657	17/03/2016 1.21pm	DNR	DNR	1453	DNR	DNR	2150	0.04	98.1	2636	0.08	107.3	1779
6658	23/03/2016 9.48am	DNR	DNR	714	DNR	DNR	1410	0.02	84.8	3346	0.02	85.2	2249
6659	23/03/2016 12.24pm	DNR	DNR	714	DNR	DNR	1409	0.02	85.7	3346	0.07	88.7	2250
6660	7/04/2016 11.07am	0.5	110.5	1147	0.18	103.1	1895	0.2	96.7	2929	0.34	107.6	1870
6661	15/04/2016 11.15am	0.57	110.9	1289	0.31	104.2	2021	0.22	94.9	2797	0.69	105.8	1807
6662	26/04/2016 9.47am	0.67	107.3	1213	0.37	105.1	1970	0.27	95.7	2874	0.67	102.6	1813
6663	29/04/2016 11.44am	DNR	DNR	1147	DNR	DNR	1895	0.09	84.1	2929	0.18	97.7	1870
6664	4/05/2016 11.22am	DNR	DNR	1052	0.12	105.5	1831	0.1	86.9	3024	0.16	94.6	1892
6665	6/05/2016 12.29pm	0.4	111.4	1087	0.1	107.3	1992	0.06	90.1	3076	0.16	99.2	1681
6666	13/05/2016 10.11AM	0.38	113.2	1087	0.09	112.3	1992	0.08	99.8	3076	0.17	93.8	1681
6667	16/05/2016 10.15am	DNR	DNR	1087	DNR	DNR	1992	0.08	90.2	3076	0.15	101.2	1681
6668	18/05/2016 12.14pm	0.28	102.7	1087	0.13	102.7	1992	0.07	90.1	3076	0.17	92.9	1681
6669	9/06/2016 11.51am	1.34	114.7	1305	0.76	112.5	2043	0.67	98.9	2785	1.64	114.4	1788
6670	10/06/2016 12.46pm	DNR	DNR	1175	DNR	DNR	1978	0.08	89.3	2931	0.16	97.4	1767
6671	10/06/2016 1.01pm	2.45	110.8	870	0.5	106.5	1771	0.28	84	3235	0.56	93.5	1874
6672	15/06/2016 11.39am	0.32	102.6	980	0.09	101.9	1896	0.03	85.9	3163	0.08	96	1757
6673	15/06/2016 1.00pm	DNR	DNR	850	DNR	DNR	1828	0.08	91.5	3309	0.12	101	1798
6674	17/06/2016 12.03pm	0.37	109.4	1163	0.17	107.6	1943	0.03	92.2	2929	0.1	101.8	1811
6675	27/06/2016 12.58pm	1.09	113.3	1084	0.19	112.3	1955	0.2	86.9	3050	0.37	98.1	1732
6676	28/06/2016 12.31pm	0.61	113.1	1119	0.19	112	1962	0.18	94.2	3002	0.44	100.9	1747
6677	28/06/2016 12.36pm	0.29	106.9	1119	0.12	105.4	1962	0.15	92.7	3002	0.24	97	1747
6678	29/06/2016 10.20 am	0.32	109.3	1184	0.12	108.1	1989	0.14	97.4	2924	0.33	101.8	1758
6679	4/07/2016 1.58pm	1.52	114.5	1029	0.24	112.6	1815	0.14	87.7	3047	0.42	102.8	1898
6680	4/07/2016 2.01pm	0.51	116.9	1029	0.18	114.4	1815	0.14	95.4	3047	0.33	103.2	1898
6681	11/07/2016 11.43am	0.53	109	995	0.13	105.6	1836	0.1	100.3	3100	0.24	100.6	1847

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6682	14/07/2016 1.49pm	1.73	112.7	984	0.21	114.5	1904	0.11	91.3	3163	0.39	100.9	1749
6683	15/07/2016 12.32pm	2.62	111.4	930	0.33	112.4	1885	0.14	92.2	3232	0.8	102.5	1752
6684	19/07/2016 1.54pm	3.52	108.1	859	0.37	105.9	1824	0.19	87.6	3291	0.68	95.7	1805
6685	26/07/2016 12.46pm	2.9	112.9	799	0.68	108.5	1744	0.1	105.1	3318	0.38	88.4	1885
6686	8/08/2016 12.11pm	1.47	119.2	1356	0.59	114.2	2091	0.69	100.8	2740	1.51	105.7	1763
6687	8/08/2016 11.13am	DNR	DNR	1103	DNR	DNR	1834	0.02	82.2	2963	0.04	89.1	1925
6688	9/08/2016 11.55am	DNR	DNR	1103	DNR	DNR	1834	0.03	86.5	2963	0.07	96.7	1925
6689	12/08/2016 11.20am	DNR	DNR	1103	DNR	DNR	1834	0.03	83.4	2963	0.05	92	1925
6690	12/08/2016 12.21pm	DNR	DNR	1103	DNR	DNR	1834	0.03	88.7	2963	0.06	97.8	1925
6691	24/08/2016 9.52am	1.03	108	1016	0.32	104.9	1828	0.21	93.1	3069	0.37	96	1871
6692	26/08/2016 12.16pm	0.79	102.5	1016	0.24	101.5	1828	0.26	91.8	3069	0.35	100.3	1871
6693	30/08/2016 12.07pm	DNR	DNR	1068	DNR	DNR	1923	0.03	89.3	3051	0.09	96.6	1769
6694	1/09/2016 11.20am	DNR	DNR	1068	DNR	DNR	1923	DNR	DNR	3051	0.06	93.7	1769
6695	5/09/2016 12.24pm	DNR	DNR	894	DNR	DNR	1821	0.03	106	3235	0.06	98.5	1820
6696	7/09/2016 1.49pm	DNR	DNR	1072	DNR	DNR	1942	0.04	105.5	3059	0.1	105.4	1744
6697	8/09/2016 12.45pm	1.00	104.6	845	0.26	102.9	1717	0.14	113.3	3241	0.33	99.3	1932
6698	12/09/2016 11.15am	0.66	102.7	1016	0.15	102.3	1828	0.25	102.3	3069	0.38	100	1871
6699	13/09/2016 12.26pm	DNR	DNR	1048	DNR	DNR	1959	0.02	93.1	3108	0.05	98.3	1706
6700	20/09/2016 12.14pm	0.98	103.8	1019	0.23	104.9	1938	0.3	100.5	3138	0.5	96.5	1719
6701	21/09/2016 9.28am	DNR	DNR	1019	DNR	DNR	1938	0.03	88	3138	0.07	101.3	1719
6702	26/09/2016 12.19pm	0.33	107.3	931	0.08	106.8	1870	0.04	102	3218	0.11	99.8	1771
6703	28/09/2016 10.39am	2.5	105.4	909	0.26	104	1827	0.15	101	3217	0.49	97.1	1818
6704	11/10/2016 1.50pm	2.75	112.7	895	0.28	114.9	1786	0.1	100.1	3210	0.29	95.4	1864
6705	24/10/2016 1:07pm	0.47	109.3	1017	0.1	106.8	1783	0.09	99.8	3051	0.21	97.6	1934
6706	27/10/2016 12:10pm	0.58	106.1	1017	0.13	107.3	1783	0.07	94.5	3051	0.3	105.1	1934
6707	15/11/2016 1.53pm	0.08	77.1	1101	0.04	102.4	1958	0.03	86.7	3026	0.06	99	1739
6708	17/11/2016 12.28pm	0.64	113.1	1389	0.29	111	2102	0.39	94.8	2700	0.53	110.8	1783
6709	17/11/2016 1.54pm	0.09	102.6	1102	0.04	98.4	1959	0.02	84.1	3025	0.03	106.3	1739
6710	23/11/2016 1.54pm	1.18	107.1	935	0.21	106.5	1839	0.09	100.2	3188	0.37	94.5	1812
6711	29/11/2016 1.52pm	0.18	105.3	1078	0.1	94.8	1909	0.06	97.8	3027	0.1	105.6	1796
6712	9/12/2016 1.48pm	1.33	104.8	895	0.31	103.7	1786	0.08	93	3210	0.29	94.7	1864
6713	21/12/2016 12.00pm	0.12	90.4	1021	0.8	94.9	1817	0.31	96.2	3058	0.45	101	1890

DNR - Did not register. Blast too small to trigger monitor.