

BLAST RESULTS 2014

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											
		Elliot's Residence			McNaughton's Residence			Mt Vincent Rd Residence			Richards Residence		
		Vibration (mm/s)	Airblast (dB)	Distance	Vibration (mm/s)	Airblast (dB)	Distance	Vibration (mm/s)	Airblast (dB)	Distance	Vibration (mm/s)	Airblast (dB)	Distance
6461	10/01/2014 9.56am	1.17	107.40	812	0.30	98.70	1657	0.28	85.00	3258	0.38	101.20	1994
6462	13/01/2014 11.07am	DNR	DNR	1774	DNR	DNR	1804	0.10	104.40	2552	0.07	104.80	2784
6463	16/01/2014 1.02pm	DNR	DNR	1842	DNR	DNR	1996	0.09	94.90	2365	0.09	97.30	2615
6464	20/01/2014 12.50pm	DNR	DNR	1989	DNR	DNR	2164	0.09	99.10	2196	0.09	98.60	2603
6465	23/01/2014 12.17pm	DNR	DNR	1837	DNR	DNR	1953	0.07	100.90	2404	0.08	99.60	2671
6466	28/01/2014 11.11am	DNR	DNR	1978	DNR	DNR	2148	0.14	97.90	2212	0.09	105.10	2608
6467	29/01/2014 9.56am	0.35	106.50	1123	0.36	101.10	1848	0.11	86.90	2943	0.36	99.60	1920
6468	4/02/2014 9.43am	DNR	DNR	891	DNR	DNR	1884	0.03	109.2	3297	Fault*		1741
6469	13/02/2014 12.31pm	0.37	99.8	1976	0.24	104.4	2217	0.11	95.8	2158	0.12	97	2492
6470	14/02/2014 9.58am	0.46	104.8	1783	0.37	104.4	1823	0.17	100.5	2532	0.18	104.2	2771
6471	14/02/2014 12.33pm	DNR	DNR	1933	DNR	DNR	2102	0.14	84.2	2259	0.13	89.7	2603
6472	19/02/2014 11.56am	0.2	99	1891	0.32	98.3	2081	0.1	92.8	2285	0.11	88.9	2565
6473	21/02/2014 11.15am	DNR	DNR	1891	DNR	DNR	2081	0.12	95.7	2285	0.13	94.1	2565
6474	25/02/2014 12.37pm	0.44	101.7	1783	0.48	104.9	1823	0.22	103.2	2532	0.16	96.9	2771
6475	27/02/2014 9.29am	0.26	99.1	1891	0.29	101.5	2081	0.17	103.4	2285	0.16	97.7	2565
6476	27/02/2014 12.04pm	DNR	DNR	1891	DNR	DNR	2081	0.07	94.1	2285	0.09	96.8	2565
6477	4/03/2014 11.48am	4.59	107.3	813	0.7	98.7	1550	0.21	102.2	3240	0.37	105.7	2125
6478	5/03/2014 12.35pm	1.64	104	1018	0.56	100.1	1783	0.59	93.3	3050	0.47	93.6	1935
6479	6/03/2014 12.36pm	5.67	103.2	813	0.7	99.7	1550	0.17	91.4	3240	0.46	101.2	2125
6480	7/03/2014 11.33am	2.07	102.9	942	0.6	98.5	1644	0.18	96.4	3111	0.47	103.4	2074
6481	10/03/2014 1.35pm	1.16	100.7	1036	0.3	92.9	1776	0.22	87.8	3026	0.28	101.7	1958
6482	12/03/2014 11.52am	3.63	103.2	1036	0.44	103.3	1776	0.15	82.7	3026	0.46	93.4	1958
6483	13/03/2014 12.55pm	3.78	101.3	1036	1.03	100.3	1776	0.27	93.1	3026	0.55	106.6	1958
6484	17/03/2014 1.26pm	2.46	105.5	857	0.44	99.2	1652	0.05	90.2	3204	0.36	96.1	2019
6485	19/03/2014 12.20pm	Fault*		768	0.87	97.9	1611	0.2	88.8	3296	0.45	101.2	2034
6486	21/03/2014 12.53pm	2.66	103.5	887	0.49	99.2	1727	0.19	88.6	3191	0.43	100.5	1937
6487	28/03/2014 12.53pm	7.18	101.3	743	0.87	99.9	1639	0.2	86.1	3336	0.5	92.8	1994
6488	14/04/2014 10.14pm	DNR	DNR	1064	DNR	DNR	1732	0.05	90.5	2990	0.09	95.7	2039
6489	16/04/2014 11.42am	1.34	96	1775	1.1	93.9	1777	0.02	83	2580	0.6	92.9	2821
6490	29/04/2014 12.39pm	DNR	DNR	1064	DNR	DNR	1732	DNR	DNR	2990	0.42	90.3	2039
6491	1/05/2014 12.41pm	1.05	98.5	1956	1.5	100.9	2092	0.72	97.6	2265	0.61	94.9	2659
6492	6/05/2014 11.21am	1.01	98.5	1956	0.97	103.1	2092	0.49	92.2	2265	0.85	91.2	2659
6493	9/05/2014 11.50am	1.35	98.3	1863	1.31	101.3	1979	0.94	92.4	2378	1.02	85.8	2675

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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
6494	13/05/2014 1.00pm	0.81	98.8	1994	1.13	98.2	2141	0.67	86.1	2215	0.68	91.5	2647
6495	15/05/2014 1.43pm	1.26	99.6	1829	0.93	101.8	1994	0.68	88.9	2369	0.67	91.8	2598
6496	21/05/2014 12.04pm	0.9	111.1	1864	0.99	110.2	2057	0.57	101.4	2310	0.9	101	2557
6497	26/05/2014 1.34pm	DNR	DNR	1050	DNR	DNR	1995	0.02	83.1	3140	0.03	97.5	1656
6498	29/05/2014 12.22pm	DNR	DNR	959	DNR	DNR	1878	0.02	96.9	3181	0.06	99.1	1772
6499	5/06/2014 12.54pm	DNR	DNR	968	DNR	DNR	1898	0.03	99.8	3184	NRA	NRA	1749
6500	18/06/2014 11.30am	1.06	103.4	778	0.29	100.7	1499	0.08	86.3	3276	0.06	86.9	2170
6501	19/06/2014 1.25pm	1.04	105.5	758	0.15	99.4	1524	0.06	86.9	3295	0.1	97.1	2134
6502	2/07/2014 1.33pm	0.96	103.7	882	0.16	102.8	1642	0.08	88.7	3175	0.16	94.9	2044
6503	7/07/2014 1.51pm	0.81	106.9	822	0.16	106.8	1672	0.03	97	3251	0.06	80.3	1979
6504	14/07/2014 12.29pm	0.54	106.4	1005	0.23	101.1	1762	0.08	91.1	3059	0.15	97.5	1956
6505	21/07/2014 1.01pm	0.41	102.2	1179	0.27	101.5	1759	0.17	92.8	2875	0.2	102.7	2099
6506	23/07/2014 1.50pm	0.69	107.3	1052	0.17	100.3	1935	0.05	88.5	3082	0.08	105.2	1743
6507	23/07/2014 2.05pm	DNR	DNR	713	DNR	DNR	1478	0.02	89.1	3340	0.07	109.4	2172
6508	28/07/2014 1.05pm	DNR	DNR	1772	DNR	DNR	1814	0.03	90.4	2541	0.04	95.6	2767
6509	4/08/2014 1.50pm	0.51	104.1	920	0.19	101.8	1632	0.05	84.1	3133	0.12	99	2076
6510	7/08/2014 1.48pm	1.91	108.2	778	0.27	106	1556	0.09	92.7	3276	0.16	103.9	2103
6511	8/08/2014 12.05pm	0.36	105.9	778	0.12	101.8	1556	0.06	89.1	3276	0.09	97.3	2103
6512	21/08/2014 12.44pm	0.92	106.4	919	0.3	108.7	1667	0.1	100	3138	0.13	107	2030
6513	1/09/2014 12.32pm	0.35	108.2	808	0.05	109.3	1666	0.09	90.8	3266	0.2	94.1	1982
6514	2/09/2014 12.12pm	0.52	111.2	1169	0.23	114.6	1751	0.2	86.3	2885	0.27	91.5	2101
6515	4/09/2014 12.31pm	0.98	96.2	737	0.23	99.9	1620	0.03	90.3	3336	0.07	88	2015
6516	8/09/2014 1.51pm	0.91	112.5	1003	0.38	109.5	1772	0.15	88	3064	0.21	104.5	1941
6517	15/09/2014 9.47am	DNR	DNR	1801	DNR	DNR	1849	0.03	93.1	2506	0.04	90.3	2763
6518	18/09/2014 1.48pm	DNR	DNR	962	DNR	DNR	1869	0.02	94.6	3168	0.07	95.1	1786
6519	22/09/2014 1.14pm	0.27	98.6	962	0.09	99.6	1869	0.05	88.6	3168	0.1	103.7	1786
6520	24/09/2014 12.33pm	0.29	105.7	1005	0.09	104.4	1955	0.04	90.6	3177	0.1	98	1690
6521	26/09/2014 12.41pm	0.4	99.2	819	0.12	98.3	1524	0.03	89	3235	0.07	103.1	2158
6522	1/10/2014 1.00pm	0.43	98.6	805	0.11	95.5	1554	0.03	90.9	3249	0.06	96.9	2117
6523	2/10/2014 9.58am	DNR	DNR	805	DNR	DNR	1554	0.09	86.1	3249	0.06	93.9	2117
6524	9/10/2014 1.08pm	0.3	99.5	806	0.07	95.5	1625	0.03	92.6	3256	0.05	96.9	2031
6525	14/10/2014 12.04	0.3	101.3	806	0.07	99.4	1625	0.03	91.4	3256	0.04	90.3	2031
6526	21/10/2014 9.45am	DNR	DNR	952	DNR	DNR	1654	0.04	86.5	3102	0.05	103.9	2066

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6527	22/10/2014 1.22pm	DNR	DNR	952	DNR	DNR	1654	0.05	97.8	3102	0.07	96.8	2066
6528	27/10/2014 9.47am	DNR	DNR	1093	DNR	DNR	1969	0.03	97.9	3046	0.02	79.9	1718
6529	29/10/2014 1.52pm	DNR	DNR	982	DNR	DNR	1753	0.03	99.3	3084	0.04	107	1954
6530	5/11/2014 1.37pm	0.92	105.5	1088	0.58	104.1	1893	0.33	87.5	3004	0.7	106.7	1827
6531	7/11/2014 1.33pm	DNR	DNR	1805	DNR	DNR	2000	0.07	93.4	2370	TBA	TBA	2550
6532	11/11/2014 1.48pm	DNR	DNR	1975	DNR	DNR	2079	0.09	92.2	2276	0.09	98.6	2710
6533	12/11/2014 1.06pm	1.42	106.7	937	0.4	101.6	1805	0.24	82	3162	0.54	104.9	1859
6534	13/11/2014 1.46pm	DNR	DNR	1874	DNR	DNR	2048	0.08	103.1	2315	0.05	98.2	2589
6535	17/11/2014 12.08pm	1.59	105.3	1112	DNR	DNR	1939	0.29	91.4	2997	0.56	101.1	1777
6536	18/11/2014 12.13pm	DNR	DNR	1823	DNR	DNR	1898	0.24	82	2458	0.55	104.9	2729
6537	19/11/2014 1.50pm	DNR	DNR	1823	DNR	DNR	1898	0.08	93.8	2458	0.07	99.6	2729
6538	20/11/2014 12.51pm	DNR	DNR	1985	DNR	DNR	2135	0.04	87.9	2222	0.04	90.3	2642
6539	24/11/2014 12.55pm	DNR	DNR	1822	DNR	DNR	1951	0.08	98.2	2407	0.05	95	2651
6540	25/11/2014 11.13am	1.76	108.7	983	0.73	102.7	1868	0.61	90	3137	0.87	95.6	1797
6541	26/11/2014 12.35pm	5.09	102.8	728	0.86	106.5	1449	0.25	92.2	3327	0.65	102.4	2210
6542	27/11/2014 10.45am	1.25	101.1	995	0.51	100.2	1696	0.31	96.2	3059	0.84	109.9	2039
6543	9/12/2014 10.35am	4.54	105.3	892	1.27	115	1585	0.28	92.2	3161	0.71	102	2121
6544	9/12/2014 10.51am	4.21	104.6	1086	0.88	107.9	1905	0.35	92.1	3013	1.1	105.8	1808
6545	15/12/2014 9.55am	6.99	102.1	739	0.77	102.6	1500	0.27	94.5	3313	0.53	99.8	2155
6546	15/12/2014 1.17pm	2.46	105.5	982	0.46	100.8	1913	0.25	101	3174	0.66	108.4	1736
6547	17/12/2014 12.30pm	3.61	108.1	859	0.89	98	1606	0.24	91.3	3196	0.59	101.5	2078

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

* Logger failure