

BLAST RESULTS 2019

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)
6811	9/01/2019 1:52pm	0.48	102	1344	0.57	95.7	1817	0.23	97.3	2721	0.24	104.6	2187		
6812	16/01/2019 2:02pm	0.56	103	1674	0.74	98.5	2010	0.27	92.8	2420	0.38	101.8	2331		
6813	16/01/2019 2:02pm	0.56	103	1306	0.74	98.5	1725	0.27	92.8	2778	0.38	101.8	2276		
6814	22/01/2019 2:02pm	0.91	110	1340	1.12	106.5	1718	0.42	99	2758	0.46	99.9	2324		
6815	1/02/2019 2:03pm	0.5	103.4	1567	0.58	102.8	1906	0.29	102.2	2532	0.33	101.9	2335		
6816	1/02/2019 2:03pm	0.5	103.4	1308	0.58	102.8	1616	0.29	102.2	2828	0.33	101.9	2426		
6817	4/02/2019 2:02pm	0.23	97.6	1308	0.26	96.7	1616	0.09	84.9	2828	0.2	91	2426		
6818	5/02/2019 2:00pm	0.02	99.6	1723	0.02	99.6	2038	0.01	94	2379	0.01	91	2362		
6819	18/02/2019 1:56pm	0.01	76	1403	0.01	76	1604	0.01	76	2792	0.01	76	2548		
6820	25/02/2019 1:59pm	0.01	88.4	1414	0.01	87	1631	0.01	84	2768	0.01	82.9	2526		
6821	11/04/2019 1:55pm	0.56	101.1	1711	0.51	97.7	1817	0.16	101.8	2542	0.26	103.6	2671		
6822	16/04/2019 10:05pm	0.83	100.8	1460	0.73	100.9	1753	0.29	104.5	2671	0.24	103	2417		
6823	18/04/2019 1:58pm	0.61	103	1733	0.48	100.6	1946	0.21	99.2	2432	0.22	101.1	2519		
6824	2/05/2019 1:53pm	0.45	100.6	1610	0.49	102.2	1871	0.17	97.4	2529	0.28	101.3	2449		
6825	6/05/2019 1:58pm	0.7	105.3	1732	0.41	98.5	1892	0.18	100.6	2473	0.26	97.2	2597		
6826	9/05/2019 10:08am	0.53	102.7	1652	0.47	105.3	1842	0.15	97	2534	0.14	96.7	2550		
6827	13/05/2019 1:59pm	0.44	103.2	1620	0.3	98.3	1783	0.15	96.9	2588	0.14	97.7	2588		
6828	14/05/2019 1:53pm	0.13	101	1757	0.1	100.7	2079	0.08	95.4	2339	0.1	97.6	2350		
6829	30/05/2019 1:55pm	0.36	97.1	1461	0.24	99.8	1751	0.11	89.7	2671	0.11	92.6	2421		
6830	31/05/2019 1:57pm	0.28	99.5	1499	0.33	102.2	1772	0.1	94.4	2641	0.1	94.9	2441		
6831	14/06/2019 1:55pm	0.5	101.4	1598	0.53	103.1	1789	0.17	96.5	2590	0.18	96.5	2548		
6832	1/07/2019 1:52pm	0.02	93.2	1725	0.02	93.2	2108	0.01	80.4	2348	0.01	89.4	2252		
6833	9/07/2019 1:56pm	0.07	89.8	1453	0.08	92	1794	0.03	86	2653	0.02	86.5	2351		
6834	16/07/2019 2:03pm	0.17	98.9	1468	0.18	103.6	1746	0.06	89.1	2670	0.06	90.6	2437		
6835	18/07/2019 1:57pm	0.18	97.7	1551	0.15	97.9	1809	0.06	91.1	2593	0.06	88.5	2461		
6836	24/07/2019 2:01pm	0.13	98.3	1600	0.16	97.4	1800	0.05	95.7	2581	0.08	92.8	2537		
6837	25/07/2019 2:04pm	0.49	98.6	1711	0.36	98.6	1797	0.15	92.4	2560	0.24	98.8	2700		
6838	1/08/2019 1:57pm	0.08	105	1522	0.07	100.3	1999	0.04	91.5	2535	0.04	103.7	2129		
6839	1/08/2019 1:57pm	0.08	105	1581	0.07	100.3	2041	0.04	91.5	2477	0.04	103.7	2143		
6840	14/08/2019 2:00pm	0.42	105.1	1726	0.35	98.6	1815	0.12	93.2	2542	0.14	101.1	2697		
6841	20/08/2019 1:57pm	0.25	109.3	1722	0.18	107	1934	0.08	97.9	2444	0.03	89.4	2521		
6842	28/08/2019 2:03pm	0.7	96.9	1472	0.57	101	1759	0.19	102.5	2661	0.23	102.2	2424		
6843	29/08/2019 11:41am	0.61	94.3	1537	0.43	96.5	1782	0.19	96.6	2617	0.26	98.1	2477		

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				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)
6844	4/09/2019 2:00pm	0.6	98.4	1655	0.46	101.2	1814	0.18	97.7	2555	0.19	97	2594		
6845	9/09/2019 12:21pm	1.02	93.7	1710	0.88	95.8	1839	0.42	102	2523	0.38	93.5	2640		
6846	11/09/2019 1:51pm	0.67	99.1	1680	0.7	100.5	1855	0.3	96.7	2516	0.38	92.9	2573		
6847	20/09/2019 2:01pm	0.27	85.9	1682	0.14	104.4	2109	0.11	85	2380	0.11	110.5	2181		
6848	20/09/2019 2:01pm	0.27	85.9	1558	0.14	104.4	2139	0.11	85	2500	0.11	110.5	1944		
6849	25/09/2019 1:56pm	0.08	107.8	1508	0.03	105.2	2042	0.03	94.4	2545	0.07	114.4	2040		
6850	27/09/2019 10:23am	0.5	106.4	1582	0.36	105.7	1976	0.25	86.7	2494	0.34	91.2	2250		
6851	3/10/2019 1:56pm	0.35	105.3	1584	0.23	99	2009	0.3	92.3	2482	0.28	102.7	2200		
6852	11/10/2019 11:13am	0.41	107.3	1507	0.19	99	2011	0.18	87.7	2547	0.23	105.5	2089		
6853	11/10/2019 11:13am	0.41	107.3	1727	0.19	99	2034	0.18	87.7	2379	0.23	105.5	2374		
6854	16/10/2019 2:03pm	0.09	106.5	1684	0.02	94.7	2136	0.02	99.5	2373	0.04	108	2139		
6855	18/10/2019 2:00pm	0.04	102	1635	0.03	104	2159	0.02	85	2418	0.02	97.1	2025		
6856	22/10/2019 2:01pm	0.29	101.5	1392	0.18	97	1936	0.12	88.9	2661	0.16	106.8	2062		
6857	1/11/2019 1:57pm	1.53	100.9	1464	1.09	98	1797	0.93	95.7	2645	0.96	101.3	2361		
6858	1/11/2019 1:57pm	1.53	100.9	1464	1.09	98	1797	0.93	95.7	2645	0.96	101.3	2361		