

Date fired	Time Fired	Werris Creek Coal Blasting Results							
		Glenala		Railway View		Old Colliery		Escott Road	
		Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)
1/04/2009	13:10	-	-	0.33	110.3	0.93	113.6	-	-
6/04/2009	16:36	-	-	0.2	110.4	-	-	1.88	113.8
17/04/2009	14:04	-	-	1.84	112.1	-	-	-	-
24/04/2009	13:17	-	-	3.31	110.8	0.65	107	-	-
1/05/2009	13:17	-	-	0.65	110.7	1.11	109.3	-	-
4/05/2009	13:17	-	-	0.1	110.8	1.16	114.4	0.69	108.3
5/05/2009	13:08	-	-	0.67	111	0.4	106.4	-	-
8/05/2009	13:21	-	-	0.75	100.2	0.48	101	0.43	98.5
14/05/2009	13:06	-	-	1.54	114.8	1.08	112.2	1.37	89.7
15/05/2009	13:16	-	-	1.12	112.8	0.86	109.4	-	-
22/05/2009	13:07	-	-	0.1	109.1	1.21	113.3	0.87	113.8
5/06/2009	13:07	-	-	1.39	122.1	0.08	112.2	-	-
5/06/2009	13:07	-	-	1.39	122.1	0.08	112.2	-	-
16/06/2009	13:11	-	-	0.52	107.4	0.28	99.8	-	-
17/06/2009	13:05	-	-	1.16	113.7	0.79	113.2	-	-
23/06/2009	14:24	-	-	2.59	81.2	2.01	106	-	-
23/06/2009	14:24	-	-	2.59	81.2	2.01	106	-	-

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		Glenala		Railway View		Old Colliery		Escott Road		Marengo	
		Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)
1/07/2009	13:04	-	-	1.68	113.3	1.41	105.5	1.57	84.7		
6/07/2009	13:22	-	-	1.12	107	0.43	110	-	-		
7/07/2009	13:03	-	-	1.19	104.1	0.43	107.3	-	-		
8/07/2009	13:11	-	-	0.58	113	0.43	110.3	-	-		
9/07/2009	13:04	-	-	-	-	0.35	111.2	-	-		
15/07/2009	13:10	-	-	1.49	100.7	1.51	113.3	-	-		
16/07/2009	12:43	-	-	1.29	112.5	1.23	88.9	-	-		
20/07/2009	13:10	-	-	0.6	100.7	0.28	95	-	-		
21/07/2009	13:08	-	-	1.42	104.1	2.24	113.5	-	-		
23/07/2009	13:13	0.07	113	0.67	113.6	0.8	114.3	-	-		
27/07/2009	13:02	-	-	0.8	81.2	0.85	82.9	-	-		
29/07/2009	13:10	-	-	0.32	85.2	0.7	99.8	-	-		
30/07/2009	13:02	0.35	102.8	1.32	112	1.76	104.5	-	-		
5/08/2009	13:11	0.47	99.8	0.94	112.7	0.9	113.9	-	-		
6/08/2009	13:02	-	-	0.35	109.1	0.31	112.6	0.43	88.9		
11/08/2009	16:37	1.82	103	3.23	104.4	2.8	106.9	1.12	103.2		
14/08/2009	13:11	-	-	0.87	108	2.44	114.8	2.29	105.2	0.55	105.2
18/08/2009	10:14	-	-	-	-	0.39	86.8	-	-	-	-
25/08/2009	9:10	-	-	0.37	108.9	2.29	113.5	0.31	101.1	0.55	102.7
19/08/2009	13:10	-	-	0.65	96	-	-	-	-	-	-
24/08/2009	15:19	-	-	-	-	-	-	-	-	-	-
26/08/2009	13:17	-	-	0.5	112.3	1.18	112.3	-	-	-	-
28/08/2009	13:07	-	-	0.66	100	0.65	108	0.53	104.9	-	-

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		Glenala		Railway View		Old Colliery		Escott Road		Marengo	
		Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)
1/09/2009	13:27	-	-	0.7	113.2	1	112.8	-	-	-	-
9/09/2009	13:12	-	-	0.4	98.1	0.45	99.8	-	-	-	-
3/09/2009	13:11	0.07	110.8	2.44	100.2	0.78	104.5	0.92	113.3	-	-
9/09/2009	13:12	-	-	0.4	98.1	0.45	99.8	-	-	-	-
11/09/2009	13:08	-	-	1.17	98.1	0.3	99.8	-	-	-	-
24/09/2009	9:21	0.07	110.6	1.29	107.6	1.56	113.3	0.36	103.6	0.47	113.4
16/09/2009	13:19	-	-	1.72	107.6	0.55	116.6	0.59	114.5	-	-
18/09/2009	13:48	-	-	0.65	99.2	1.08	111.4	0.33	104.9	-	-
18/09/2009	13:48	-	-	0.65	99.2	1.08	111.4	0.33	104.9	-	-
22/09/2009	13:13	-	-	0.82	92	0.65	110.8	-	-	0.1	107.4
25/09/2009	13:11	-	-	2.39	97.4	2.01	108.5	0.61	102.7	-	-
7/10/2009	15:03	-	-	2.29	111.3	0.08	125.8	1.02	110.5	-	-
1/10/2009	16:12	-	-	1.79	107.4	1.81	116.9	0.25	100.6	-	-
2/10/2009	13:05	-	-	0.35	95.1	0.31	111.7	-	-	-	-
8/10/2009	13:10	-	-	0.77	98.1	0.88	112.3	1.45	109.9	-	-
Date fired	Time Fired	Werris Creek Coal Blasting Results - New Locations									
		Glenala		Marengo		Thonsley Park		Cintra			
		Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)
12/10/2009	13:30	-	-	0.5	94.2	0.33	101	0.59	107.2		
13/10/2009	13:12	-	-	-	-	-	-	-	-		
15/10/2009	9:08	-	-	-	-	-	-	0.46	99.2		
19/10/2009	13:08	-	-	0.52	109.5	-	-	0.51	112.9		
29/10/2009	13:14	-	-	-	-	-	-	-	-		
20/10/2009	13:04	-	-	-	-	-	-	-	-		
21/10/2009	13:11	-	-	-	-	-	-	-	-		
22/10/2009	13:10	-	-	-	-	-	-	0.64	101.4		
30/10/2009	13:14	0.1	113	0.5	101.2	0.6	104.9	0.71	107.5		

Date fired	Time Fired	Werris Creek Coal Blasting Results - <i>New Locations</i>							
		Glenala		Marengo		Thonsley Park		Cintra	
		Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)
4/11/2009	13:07	-	-	-	-	-	-	0.48	110.7
5/11/2009	13:18	-	-	0.45	107.1	0.4	98.5	0.61	103.2
13/11/2009	13:00	-	-	0.1	112.6	-	-	0.43	104.5
10/11/2009	13:11	-	-	-	-	-	-	-	-
17/11/2009	13:12	-	-	0.55	106.7	0.5	108.2	0.76	110.7
20/11/2009	13:38	-	-	0.78	99.2	0.89	98.1	0.89	101.1
24/11/2009	13:20	-	-	-	-	-	-	-	-
26/11/2009	13:17	-	-	0.93	110.9	0.89	103.1	1.2	108
30/11/2009	13:15	-	-	-	-	-	-	-	-
1/12/2009	13:25	-	-	-	-	-	-	-	-
17/12/2009	9:35	-	-	0.42	102.8	0.84	105.6	0.73	102.4
8/12/2009	13:11	-	-	-	-	0.63	110	0.99	104.9
7/12/2009	13:09	-	-	-	-	-	-	0.84	107.7
14/12/2009	13:16	-	-	0.45	102	-	-	0.38	100.6
18/12/2009	13:07	-	-	0.82	106.8	0.71	105.6	0.97	108.8
22/12/2009	11:54	-	-	-	-	-	-	-	-
8/01/2010	13:16	-	-	-	-	0.73	109.1	0.76	114.5
8/01/2010	13:16	-	-	-	-	0.73	109.1	0.76	114.5
12/01/2010	13:07	-	-	1.1	102.8	-	-	1.12	101.1
15/01/2010	13:16	-	-	0.5	102	0.73	98.9	0.76	103.2
19/01/2010	13:17	-	-	0.57	105.2	0.73	106.2	1.47	112.1
22/01/2010	13:19	-	-	0.7	109.5	0.66	113	0.84	113
22/01/2010	13:19	-	-	0.7	109.5	0.66	113	0.84	113
27/01/2010	13:20	-	-	0.47	106.2	0.45	104.1	0.84	109.2

Date fired	Time Fired	Werris Creek Coal Blasting Results - <i>New Locations</i>							
		Glenala		Marengo		Thonsley Park		Cintra	
		Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)	Vib (mm/s)	OP (dB)
4/02/2010	13:12	-	-	0.85	101.7	0.63	99.6	1.27	102.2
1/02/2010	13:13	-	-	0.52	106.2	0.65	104.7	0.94	111.1
5/02/2010	13:10	-	-	-	-	0.66	103.3	1.07	110.1
11/02/2010	13:11	-	-	-	-	-	-	-	-
10/02/2010	13:18	-	-	0.42	104.3	0.63	107.1	0.87	111.6
11/02/2010	13:11	-	-	-	-	-	-	-	-
12/02/2010	13:12	-	-	-	-	-	-	-	-
17/02/2010	13:38	-	-	0.5	103.7	0.81	107.9	1.32	111.8
22/02/2010	16:58	-	-	-	-	-	-	0.51	106.1
24/02/2010	13:13	-	-	0.5	98.9	0.58	96.4	0.43	99.2
26/02/2010	13:06	-	-	0.5	105.9	0.58	106.2	0.79	113.2
2/03/2010	13:16	-	-	-	-	-	-	-	-
4/03/2010	13:15	-	-	0.45	98.9	0.55	94.6	0.6	113
5/03/2010	13:05	-	-	-	-	-	-	0.63	112.3
9/03/2010	13:29	-	-	-	-	-	-	-	-
11/03/2010	13:14	-	-	0.62	109.5	0.4	112	0.16	114.3
12/03/2010	13:12	-	-	-	-	0.58	104.1	1	111.1
16/03/2010	13:20	-	-	0.82	97.1	0.48	97.7	0.66	100.8
17/03/2010	13:22	-	-	0.1	112.2	0.1	112.6	0.13	113.7
19/03/2010	13:11	-	-	1	105.9	0.7	100.6	0.84	108.4
23/03/2010	13:46	-	-	0.92	94.8	0.68	94.6	0.84	95.4