

Appendix 9

BLAST MONITORING RESULTS

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
1	8/06/2006	Bollol Creek	0.64mm/s	92.9dBL	14:07:33
1	8/06/2006	Tarrawonga Station	DNT	DNT	
1	8/06/2006	Templemore	0.94mm/s	92.8dBL	14:07:44
2	29/06/2006	Bollol Creek	0.75mm/s	101.0dBL	14:14:46
2	29/06/2006	Tarrawonga Station	0.32mm/s	98.1dBL	14:49:49
2	29/06/2006	Templemore	0.47mm/s	99.3dBL	14:49:48
3	20/07/2006	Bollol Creek	0.65 mm/s	98.4 dBL	14:16:30
3	20/07/2006	Tarrawonga Station	0.55 mm/s	87.9 dBL	14:15:03
3	20/07/2006	Templemore	0.67 mm/s	98.1 dBL	14:16:32
4	28/07/2006	Bollol Creek	0.55mm/s	100.5 dBL	12:04:22
4	28/07/2006	Tarrawonga Station	0.40 mm/s	96.7 dBL	12:04:23
4	28/07/2006	Templemore	0.55 mm/s	100.3 dBL	12:04:23
5	4/09/2006	Bollol Creek	0.32mm/s	107.5 dBL	12:33:46
5	4/09/2006	Tarrawonga Station	DNT		
5	4/06/2006	Bundaleer	DNT		
5	4/09/2006	Templemore	0.27 mm/s	108.5 dBL	12:33:46
6	21/09/2006	Bollol Creek	0.57 mm/s	103.4 dBL	12:09:08
6	21/09/2006	Tarrawonga Station	0.32 mm/s	102.7 dBL	12:08:30
6	21/09/2006	Templemore	0.40 mm/s	107.7 dBL	12:09:09
7	25/10/2006	Bollol Creek	0.50 mm/s	109.2 dBL	12:09:17
7	25/10/2006	Tarrawonga Station	0.1mm/s	111.9 dB	12:09
7	25/10/2006	Templemore	0.25 mm/s	81.2 dBL	12:09:18
8	1/11/2006	Bollol Creek	0.67 mm/s	105.3 dBL	11:39:41
8	1/11/2006	Tarrawonga Station	0.45 mm/s	105.4 dBL	11:38:36
8	1/11/2006	Templemore	0.30 mm/s	105.3 dBL	11:39:44
9	20/11/2006	Bollol Creek	0.30 MM/s	108.3 dBL	15:52:40
9	20/11/2006	Tarrawonga Station	DNT		
9	20/11/2006	Templemore	DNT		
10 & 11	30/11/2006	Bollol Creek	0.57 mm/s	102.3 dBL	11:59:49
10 & 11	30/11/2006	Tarrawonga Station	0.42 mm/s	108.3 dBL	11:59:12
10 & 11	30/11/2006	Templemore	0.42 mm/s	102.1 dBL	11:59:52
12	20/12/2006	Bollol Creek	0.42 mm/s	103.0 dBL	11:56:26
12	20/12/2006	Tarrawonga Station	0.10 mm/s	110.1 dBL	11:56:21
12	20/12/2006	Templemore	0.30 mm/s	105.3 dBL	11:56:29
13	16/01/2007	Bollol Creek	DNT		
13	16/01/2007	Tarrawonga Station	DNT		
13	16/01/2007	Templemore	0.50 mm/s	107.7dBL	12:05:30

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
14	30/01/2007	Bollol Creek	0.57 mm/s	105.3 dBL	12:09:50
14	30/01/2007	Tarrawonga Station	0.67 mm/s	104.1 dBL	12:07:41
14	30/01/2007	Templemore	0.45 mm/s	105.3 dBL	12:09:52
15	7/02/2007	Bollol Creek	0.40 mm/s	103.4 dBL	9:04:38
15	7/02/2007	Tarrawonga Station	0.27 mm/s	107.9 dBL	9:04:38
15	7/02/2007	Templemore	0.35 mm/s	102.4 dBL	9:40:40
16	9/02/2007	Bollol Creek	0.72 mm/s	104.a dBL	12:05:18
16	9/02/2007	Tarrawonga Station	0.47 mm/s	101.8 dBL	12:05:16
16	9/02/2007	Templemore	0.52 mm/s	103.5 dBL	12:05:19
17	21/02/2007	Bollol Creek	DNT		
17	21/02/2007	Tarrawonga Station	DNT		
17	21/02/2007	Templemore	DNT		
18	1/03/2007	Bollol Creek	0.52 mm/s	101.5 dBL	10:53:02
18	1/03/2007	Tarrawonga Station	0.47 mm/s	114.2 dBL	10:52:46
18	1/03/2007	Templemore	0.32 mm/s	103.2 dBL	10:53:04
19	13/03/2007	Bollol Creek	0.75 mm/s	104.7 dBL	16:36:04
19	13/03/2007	Tarrawonga Station	DNT		
19	13/03/2007	Templemore	0.55 mm/s	103.8 dBL	16:36:06
20	19/03/2007	Bollol Creek	0.57 mm/s	102.7 dBL	12:06:16
20	19/03/2007	Tarrawonga Station	0.32 mm/s	101.8 dBL	12:05:50
20	19/03/2007	Templemore	0.60 mm/s	103.2 dBL	12:06:18
21	21/03/2007	Bollol Creek	0.50 mm/s	104.1 dBL	12:06:24
21	21/03/2007	Tarrawonga Station	0.27 mm/s	99.3 dBL	12:05:56
21	21/03/2007	Templemore	0.45 mm/s	105.0 dBL	12:06:26
22	23/03/2007	Bollol Creek	0.57 mm/s	101.0 dBL	10:10:19
22	23/03/2007	Tarrawonga Station	0.37 mm/s	97.4 dBL	10:09:50
22	23/03/2007	Templemore	0.32 mm/s	100.8 dBL	10:10:22
23	3/04/2007	Bollol Creek	DNT		
23	3/04/2007	Tarrawonga Station	DNT		
23	3/04/2007	Templemore	DNT		
24	17/04/2007	Bollol Creek	0.50 mm/s	101.0 dBL	12:07:10
24	17/04/2007	Tarrawonga Station	0.27 mm/s	99.9 dBL	12:06:28
24	17/04/2007	Templemore	0.40 mm/s	100.8 dBL	12:07:02
25	30/04/2007	Bollol Creek	0.40 mm/s	103.4 dBL	12:18:26
25	30/04/2007	Tarrawonga Station	0.32 mm/s	103.8 dBL	12:17:32
25	30/04/2007	Templemore	0.32 mm/s	104.7 dBL	12:18:18

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
26	3/05/2007	Bollol Creek	DNT		
26	3/05/2007	Tarrawonga Station	0.07 mm/s	112.1 dBL	15:03:42
26	3/05/2007	Templemore	0.40 mm/s	87.2 dBL	12:18:18
27	9/05/2007	Bollol Creek	0.94 mm/s	99.3dBL	12:18:26
27	9/05/2007	Tarrawonga Station	0.37 mm/s	98.14 dBL	12:17:32
27	9/05/2007	Templemore	0.80 mm/s	98.4 dBL	12:18:18
28	17/05/2007	Bollol Creek	0.52 mm/s	106.6dBL	12:18:26
28	17/05/2007	Tarrawonga Station	0.25 mm/s	107.4 dBL	12:17:32
28	17/05/2007	Templemore	0.55 mm/s	106.8 dBL	12:18:18
29	24/05/2007	Bollol Creek	0.94 mm/s	106.1dBL	12:24:50
29	24/05/2007	Tarrawonga Station	0.35 mm/s	105.9 dBL	12:23:41
29	24/05/2007	Templemore	0.65 mm/s	106.3 dBL	12:24:33
30	1/06/2007	Bollol Creek	DNT		
30	1/06/2007	Tarrawonga Station	DNT		
30	1/06/2007	Templemore	DNT		
31	15/06/2007	Bollol Creek	0.99 mm/s	105.0dBL	13:19:50 PM
31	15/06/2007	Tarrawonga Station	0.50 mm/s	99.9 dBL	13:18:25 PM
31	15/06/2007	Templemore	0.99 mm/s	105.0 dBL	13:19:50 PM
32	22/06/2007	Bollol Creek	DNT		
32	22/06/2007	Tarrawonga Station	DNT		
32	22/06/2007	Templemore	DNT		
33	27/06/2007	Bollol Creek	DNT		
33	27/06/2007	Tarrawonga Station	DNT		
33	27/06/2007	Templemore	DNT		
35	5/07/2007	Bollol Creek	0.76mm/s	90.2 dBL	16:29:57
35	5/07/2007	Bollol Creek	0.08 mm/s	117.0 dBL	16:30:07
35	5/07/2007	Tarrawonga Station	0.10 mm/s	111.1 dBL	16:26:19
35	5/07/2007	Templemore	0.15 mm/s	110.5 dBL	16:35:05
36	13/07/2007	Bollol Creek	0.63 mm/s	85.8 dBL	12:04:51
36	13/07/2007	Tarrawonga Station	0.40 mm/s	111.4 dBL	12:04:50
35	13/07/2007	Templemore	0.40 mm/s	107 dBL	12:04:47
34	17/07/2007	Bollol Creek	DNT		
34	17/07/2007	Tarrawonga Station	DNT		
34	17/07/2007	Templemore	0.27 mm/s	102.4 dBL	12:04:47
37	20/07/2007	Bollol Creek	0.48 mm/s	94.3 dBL	11:53:19
37	20/07/2007	Tarrawonga Station	0.12 mm/s	111.8 dBL	11:10:30
37	20/07/2007	Templemore	0.52 mm/s	103.8 dBL	11:53:15

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
38	27/07/2007	Bollol Creek	0.53 mm/s	100.3 dBL	11:47:19
38	27/07/2007	Tarrawonga Station	0.25 mm/s	97.4 dBL	11:48:46
38	27/07/2007	Templemore	0.40 mm/s	100.3 dBL	11:48:55
39	2/08/2007	Bollol Creek	DNT		
39	2/08/2007	Tarrawonga Station	DNT		
39	2/08/2007	Templemore	DNT		
40	6/08/2007	Bollol Creek	0.50 mm/s	103.8 dBL	13:59:42
40	6/08/2007	Tarrawonga Station	0.44 mm/s	101.1 dBL	13:59:37
40	6/08/2007	Templemore	0.48 mm/s	103.4 dBL	13:59:49
41	9/08/2007	Bollol Creek	0.51 mm/s	97.4 dBL	15:24:51
41	9/08/2007	Tarrawonga Station	0.51 mm/s	96.6 dBL	15:24:46
41	9/08/2007	Templemore	0.52 mm/s	97.7 dBL	13:59:49
42	16/08/2007	Bollol Creek	0.43 mm/s	112.7 dBL	11:00:44
42	16/08/2007	Tarrawonga Station	0.41 mm/s	111.7 dBL	11:00:49
42	16/08/2007	Templemore	0.42 mm/s	112.3 dBL	11:00:39
43/44	28/08/2007	Bollol Creek	0.96 mm/s	101.2 dBL	12:08:54
43/44	28/08/2007	Tarrawonga Station	0.58 mm/s	102.3 dBL	12:08:49
43/44	28/08/2007	Templemore	0.76 mm/s	102.4 dBL	12:08:57
45	31/08/2007	Bollol Creek	0.66 mm/s	111.1 dBL	11.19.07
45	31/08/2007	Tarrawonga Station	0.43 mm/s	111.1 dBL	11.19.01
45	31/08/2007	Templemore	0.53 mm/s	112.01 dBL	11.19.10
46	7/09/2007	Bollol Creek	0.41 mm/s	107.7 dBL	10.07.53
46	7/09/2007	Tarrawonga Station	No data recorded		
46	7/09/2007	Templemore	0.33 mm/s	107.4 dBL	10.07.58
47	12/09/2007	Bollol Creek	1.07 mm/s	103.4 dBL	10.10.04
47	12/09/2007	Tarrawonga Station	0.33 mm/s	103.9 dBL	10.09.59
47	12/09/2007	Templemore	0.71 mm/s	103.2 dBL	10.10.08
49	17/09/2007	Bollol Creek	DNT		11:00:00
49	17/09/2007	Tarrawonga Station	DNT		11:00:00
49	17/09/2007	Templemore	DNT		11:00:00
48	19/09/2007	Bollol Creek	0.76 mm/s	104.2 dBL	9:34:51
48	19/09/2007	Tarrawonga Station	0.46 mm/s	108.1 dBL	9:34:33
48	19/09/2007	Templemore	0.43 mm/s	104.2 dBL	9:34:56
50	21/09/2007	Bollol Creek	DNT		11:50:02
50	21/09/2007	Tarrawonga Station	DNT		11:50:02
50	21/09/2007	Templemore	0.30 mm/s	92.5 dBL	11:50:02

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
51	27/09/2007	Bollol Creek	0.63 mm/s	103.0 dBL	10:53:48
51	27/09/2007	Tarrawonga Station	DNT		10:53:48
51	27/09/2007	Templemore	0.33 mm/s	104.5 dBL	10:53:53
52	5/10/2007	Bollol Creek	0.71 mm/s	110.9 dBL	9:13:06
52	5/10/2007	Tarrawonga Station	0.71 mm/s	112.0 dBL	9:12:37
52	5/10/2007	Templemore	0.63 mm/s	111.8 dBL	9:13:11
53	15/10/2007	Bollol Creek	0.74 mm/s	108.4 dBL	11:53:18
53	15/10/2007	Tarrawonga Station	DNT		11:53:18
53	15/10/2007	Templemore	0.35 mm/s	105.9 dBL	11:52:25
54	17/10/2007	Bollol Creek	DNT		12:05:46
54	17/10/2007	Tarrawonga Station	DNT		12:05:46
54	17/10/2007	Templemore	0.48 mm/s	98.5 dBL	12:05:46
55	25/10/2007	Bollol Creek	0.91 mm/s	106.4 dBL	11:02:37
55	25/10/2007	Tarrawonga Station	0.33 mm/s	102.8 dBL	11:01:55
55	25/10/2007	Templemore	0.35 mm/s	106.2 dBL	11:02:43
56	30/10/2007	Bollol Creek	0.28 mm/s	96.3 dBL	14:54:09
56	30/10/2007	Tarrawonga Station	DNT		
56	30/10/2007	Templemore	0.56 mm/s	94.6 dBL	14:54:04
57	1/11/2007	Bollol Creek	DNT		12:06:00
57	1/11/2007	Tarrawonga Station	DNT		12:06:00
57	1/11/2007	Templemore	DNT		12:06:00
58	2/11/2007	Bollol Creek	0.68 mm/s	100.7 dBL	12:06:00
58	2/11/2007	Tarrawonga Station	0.41 mm/s	100.4 dBL	12:02:45
58	2/11/2007	Templemore	0.48 mm/s	101.1 dBL	12:03:41
59	14/11/2007	Bollol Creek	0.60 mm/s	103.1 dBL	12:34:43
59	14/11/2007	Tarrawonga Station	DNT		
59	14/11/2007	Templemore	0.35 mm/s	99.1 dBL	12:35:53
60	15/11/2007	Bollol Creek	0.61 mm/s	102.1 dBL	16:27:43
60	15/11/2007	Tarrawonga Station	DNT		
60	15/11/2007	Templemore	0.35 mm/s	99.6 dBL	16:27:51
61	20/11/2007	Bollol Creek	DNT		
61	20/11/2007	Tarrawonga Station	DNT		
61	20/11/2007	Templemore	DNT		
62	27/11/2007	Bollol Creek	0.79 mm/s	105.5 dBL	12:03:34
62	27/11/2007	Tarrawonga Station	0.48 mm/s	107.4 dBL	12:03:31
62	27/11/2007	Templemore	0.50 mm/s	103.9 dBL	12:03:34

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
63	28/11/2007	Bollol Creek	0.68 mm/s	100.7 dBL	12:06:00
63	28/11/2007	Tarrawonga Station	DNT		
63	28/11/2007	Templemore	DNT		
64	30/11/2007	Bollol Creek	DNT		
64	30/11/2007	Tarrawonga Station	DNT		
64	30/11/2007	Templemore	DNT		
65/66	6/12/2007	Bollol Creek	0.91 mm/s	103.0 dBL	12:03:43
65/66	6/12/2007	Tarrawonga Station	DNT		
65/66	6/12/2007	Templemore	0.68 mm/s	103.9 dBL	12:03:34
67	13/12/2007	Bollol Creek	0.66 mm/s	86.1 dBL	11:30:57
67	13/12/2007	Tarrawonga Station	DNT		
67	13/12/2007	Templemore	0.15 mm/s	111.0 dBL	23:30:52
68	19/12/2007	Bollol Creek	0.61 mm/s	99.5 dBL	0:01:06
68	19/12/2007	Tarrawonga Station	0.43 mm/s	99.2 dBL	12:00:48
68	19/12/2007	Templemore	0.60 mm/s	98.7 dBL	12:01:11
69	15/01/2008	Bollol Creek	DNT		12:00:00
69	15/01/2008	Tarrawonga Station	DNT		12:00:00
69	15/01/2008	Templemore	DNT		12:00:00
70	25/01/2008	Bollol Creek	1.32 mm/s	105.2 dBL	9:40:31
70	25/01/2008	Tarrawonga Station	0.53 mm/s	106.4 dBL	9:30:50
70	25/01/2008	Templemore	0.86 mm/s	103.9 dBL	9:40:34
71	4/02/2008	Bollol Creek	0.71 mm/s	102.6 dBL	12:02:02
71	4/02/2008	Tarrawonga Station	0.35 mm/s	108.8 dBL	12:01:14
71	4/02/2008	Templemore	0.53 mm/s	101.6 dBL	12:02:06
72	8/02/2008	Bollol Creek	DNT		
72	8/02/2008	Tarrawonga Station	DNT		
72	8/02/2008	Templemore	DNT		
73	15/02/2008	Bollol Creek	0.81 mm/s	101.2 dBL	12:06:03
73	15/02/2008	Tarrawonga Station	0.68 mm/s	101.9 dBL	12:05:08
73	15/02/2008	Templemore	0.53 mm/s	100.2 dBL	12:06:07
74	20/02/2008	Bollol Creek	0.82 mm/s	101.5 dBL	12:04:23
74	20/02/2008	Tarrawonga Station	0.69 mm/s	102.3 dBL	12:03:08
74	20/02/2008	Templemore	No Monitor		
75/76	22/02/2008	Bollol Creek	0.82 mm/s	101.5 dBL	12:04:23
75/76	22/02/2008	Tarrawonga Station	0.38 mm/s	113.5 dBL	12:30:25
75/76	22/02/2008	Templemore	0.40 mm/s	109.5 dBL	12:30:26

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
77	28/02/2008	Bollol Creek	DNT		
77	28/02/2008	Tarrawonga Station	DNT		
77	28/02/2008	Templemore	DNT		
78/79	7/03/2008	Bollol Creek	0.56 mm/s	106.4 dBL	13:56:16
78/79	7/03/2008	Tarrawonga Station	0.41 mm/s	102.3 dBL	13:56:07
78/79	7/03/2008	Templemore	0.73 mm/s	106.2 dBL	13:56:17
80	14/03/2008	Bollol Creek	1.29 mm/s	104.9 dBL	12:01:10
80	14/03/2008	Tarrawonga Station	0.61 mm/s	114.8 dBL	12:03:22
80	14/03/2008	Templemore	0.73 mm/s	106.2 dBL	12:01:12
81/82	19/03/2008	Bollol Creek	0.63 mm/s	107.2 dBL	12:03:39
81/82	19/03/2008	Tarrawonga Station	0.61 mm/s	114.8 dBL	12:03:22
81/82	19/03/2008	Templemore	No Monitor Set		
83	28/03/2008	Bollol Creek	0.66 mm/s	106.7 dBL	12:07:15
83	28/03/2008	Tarrawonga Station	DNT		
83	28/03/2008	Templemore	0.28 mm/s	104.8 dBL	12:07:19
84	8/04/2008	Bollol Creek	0.08 mm/s	106.7 dBL	12:00:42
84	8/04/2008	Tarrawonga Station	0.10 mm/s	113.6 dBL	12:00:44
84	8/04/2008	Templemore	DNT	104.8 dBL	
85	10/04/2008	Bollol Creek	DNT		
85	10/04/2008	Tarrawonga Station	DNT		
85	10/04/2008	Templemore	DNT		
86	14/04/2008	Bollol Creek	0.43 mm/s	94.6 dBL	12:06:12
86	14/04/2008	Tarrawonga Station	0.66 mm/s	93.2 dBL	12:15:34
86	14/04/2008	Templemore	0.28 mm/s	99.6 dBL	12:06:48
87	15/04/2008	Bollol Creek	DNT		
87	15/04/2008	Tarrawonga Station	DNT		
87	15/04/2008	Templemore	DNT		
88	18/04/2008	Bollol Creek	0.48 mm/s	103.5 dBL	15:30:09
88	18/04/2008	Tarrawonga Station	DNT		
88	18/04/2008	Templemore	0.43 mm/s	103.3 dBL	15:30:13
89-90	23/04/2008	Bollol Creek	0.71 mm/s	107.5 dBL	12:09:24
89-90	23/04/2008	Tarrawonga Station	0.48 mm/s	112.4 dBL	12:09:15
89-90	23/04/2008	Templemore	0.48 mm/s	110.0 dBL	12:09:25
91	1/05/2008	Bollol Creek	0.74 mm/s	113.1 dBL	14:08:55
91	1/05/2008	Tarrawonga Station	0.10 mm/s	111.3 dBL	14:08:51
91	1/05/2008	Templemore	0.50 mm/s	113.7 dBL	14:08:57

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
92	5/05/2008	Bollol Creek	0.56 mm/s	103.8 dBL	12:02:57
92	5/05/2008	Tarrawonga Station	DNT		
92	5/05/2008	Templemore	0.53 mm/s	103.2 dBL	12:03:00
93-94	9/05/2008	Bollol Creek	0.53 mm/s	101.7 dBL	14:02:06
93-94	9/05/2008	Tarrawonga Station	DNT		
93-94	9/05/2008	Templemore	0.61 mm/s	110.7 dBL	14:02:32
95	13/05/2008	Bollol Creek	DNT		
95	13/05/2008	Tarrawonga Station	DNT		
95	13/05/2008	Templemore	DNT		
96	16/05/2008	Bollol Creek	0.76 mm/s	101.7 dBL	12:07:43
96	16/05/2008	Tarrawonga Station	0.30 mm/s	109.4 dBL	12:07:09
96	16/05/2008	Templemore	0.77 mm/s	101.6 dBL	12:07:51
97	19/05/2008	Bollol Creek	DNT		
97	19/05/2008	Tarrawonga Station	DNT		
97	19/05/2008	Templemore	DNT		
98	21/05/2008	Bollol Creek	0.53 mm/s	101.8 dBL	12:10:12
98	21/05/2008	Tarrawonga Station	DNT		
98	21/05/2008	Templemore	0.51 mm/s	101.7 dBL	12:10:19
99	22/05/2008	Bollol Creek	DNT		
99	22/05/2008	Tarrawonga Station	DNT		
99	22/05/2008	Templemore	DNT		
100	23/05/2008	Bollol Creek	DNT		
100	23/05/2008	Tarrawonga Station	DNT		
100	23/05/2008	Templemore	0.50 mm/s	108.4 dBL	12:02:14
101	30/05/2008	Bollol Creek	0.91 mm/s	102.1 dBL	12:05:08
101	30/05/2008	Tarrawonga Station	0.43 mm/s	109.8 dBL	12:04:35
101	30/05/2008	Templemore	0.73 mm/s	106.7 dBL	12:05:11
102	2/06/2008	Bollol Creek	0.74 mm/s	94.6 dBL	14:56:54
102	2/06/2008	Tarrawonga Station	DNT	DNT	
102	2/06/2008	Templemore	0.43 mm/s	99.6 dBL	14:56:58
103	6/06/2008	Bollol Creek	0.46 mm/s	98.2 dBL	13:59:42
103	6/06/2008	Tarrawonga Station	DNT		
103	6/06/2008	Templemore	0.43 mm/s	96.4 dBL	13:59:47
104	12/06/2008	Bollol Creek	0.42 mm/s	99.4 dBL	12:00:10
104	12/06/2008	Tarrawonga Station	0.28mm/s	98.6 dBL	11:59:22
104	12/06/2008	Templemore	0.43 mm/s	99.6 dBL	12:06:00

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
105	17/06/2008	Bollol Creek	DNT		
105	17/06/2008	Tarrawonga Station	DNT		
105	17/06/2008	Templemore	DNT		
106	18/06/2008	Bollol Creek	DNT		
106	18/06/2008	Tarrawonga Station	DNT		
106	18/06/2008	Templemore	DNT		
107-108	20/06/2008	Bollol Creek	0.38 mm/s	98.2 dBL	12:10:13
107-108	20/06/2008	Tarrawonga Station	0.332mm/s	99.8 dBL	12:09:26
107-108	20/06/2008	Templemore	0.43 mm/s	99.6 dBL	12:10:18
109	23/06/2008	Bollol Creek	DNT		
109	23/06/2008	Tarrawonga Station	DNT		
109	23/06/2008	Templemore	DNT		
110	27/06/2008	Bollol Creek	DNT		
110	27/06/2008	Tarrawonga Station	DNT		
110	27/06/2008	Templemore	DNT		
111	30/06/2008	Bollol Creek	0.72 mm/s	106.5 dBL	12:28:11
111	30/06/2008	Tarrawonga Station	0.10mm/s	112 dBL	12:28:21
111	30/06/2008	Templemore	0.73 mm/s	106.7 dBL	12:28:15
112	3/07/2008	Bollol Creek	0.40 mm/s	106.1 dBL	14:20:19
112	3/07/2008	Tarrawonga Station	DNT		
112	3/07/2008	Templemore	0.40 mm/s	106.2 dBL	14:20:17
113	9/07/2008	Bollol Creek	0.41 mm/s	90.6 dBL	11:45:06
113	9/07/2008	Tarrawonga Station	0.28mm/s	93.2 dBL	11:45:04
113	9/07/2008	Templemore	DNT		
114	10/07/2008	Bollol Creek	0.40 mm/s	106.1 dBL	14:20:19
114	10/07/2008	Tarrawonga Station	DNT		
114	10/07/2008	Templemore	0.40 mm/s	106.2 dBL	14:20:17
115	25/07/2008	Bollol Creek	1.32 mm/s	100.7 dBL	12:09:06
115	25/07/2008	Tarrawonga Station	0.46mm/s	104.6 dBL	12:07:59
115	25/07/2008	Templemore	1.01 mm/s	99.6 dBL	12:09:11
116	31/07/2008	Bollol Creek	1.24 mm/s	109.2 dBL	12:07:13
116	31/07/2008	Tarrawonga Station	0.43 mm/s	105.6 dBL	12:06:02
116	31/07/2008	Templemore	0.69 mm/s	108.8 dBL	12:07:18
117	5/08/2008	Bollol Creek	0.81 mm/s	101.2 dBL	13:07:38
117	5/08/2008	Tarrawonga Station	0.28 mm/s	100.9 dBL	13:06:24
117	5/08/2008	Templemore	0.68 mm/s	98.5 dBL	13:07:43

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
118	12/08/2008	Bollol Creek	0.76 mm/s	111.7 dBL	12:09:02
118	12/08/2008	Tarrawonga Station	0.33 mm/s	112.4 dBL	12:07:44
118	12/08/2008	Templemore	0.71 mm/s	105.4 dBL	12:09:07
119	19/08/2008	Bollol Creek	1.42 mm/s	108.2 dBL	12:03:53
119	19/08/2008	Tarrawonga Station	0.38 mm/s	113.9 dBL	12:02:30
119	19/08/2008	Templemore	DNT		
120	21/08/2008	Bollol Creek	0.41 mm/s	110.2 dBL	12:03:09
120	21/08/2008	Tarrawonga Station	0.13 mm	112.6 dBL	12:02:10
120	21/08/2008	Templemore	0.43 mm/s	109.2 dBL	12:03:16
121/122	28/08/2008	Bollol Creek	No result*		
121/122	28/08/2008	Tarrawonga Station	No result*		
121/122	28/08/2008	Templemore	No result*		
123	8/09/2008	Bollol Creek	0.91 mm/s	108.2 dBL	12:41:20
123	8/09/2008	Tarrawonga Station	0.30 mm	103.6 dBL	12:39:35
123	8/09/2008	Templemore	0.66mm/s	109.8 dBL	12:41:12
124	10/09/2008	Bollol Creek	DNT		
124	10/09/2008	Tarrawonga Station	DNT		
124	10/09/2008	Templemore	DNT		
125	15/09/2008	Bollol Creek	0.46 mm/s	109.6 dBL	15:05:45
125	15/09/2008	Tarrawonga Station	DNT		
125	15/09/2008	Templemore	0.45 mm/s	109.7 dBL	15:05:48
126/127	18/09/2008	Bollol Creek	No result*		
126/127	18/09/2008	Tarrawonga Station	No result*		
126/127	18/09/2008	Templemore	No result*		
128	26/09/2008	Bollol Creek	No result*		
128	26/09/2008	Tarrawonga Station	No result*		
128	26/09/2008	Templemore	No result*		
129	1/10/2008	Bollol Creek	0.13 mm/s	114.6 dBL	12:06:00
129	1/10/2008	Tarrawonga Station	0.10 mm/s	113.5 dBL	12:06:17
129	1/10/2008	Templemore	DNT		
130	9/10/2008	Bollol Creek	DNT		
130	9/10/2008	Tarrawonga Station	DNT		
130	9/10/2008	Templemore	DNT		
131	13/10/2008	Bollol Creek	1.46 mm/s	102.0 dBL	12:12:42
131	13/10/2008	Tarrawonga Station	DNT		
131	13/10/2008	Templemore	1.47mm/s	102.1 dBL	12:12:32

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
132	14/10/2008	Bollol Creek	DNT		
132	14/10/2008	Tarrawonga Station	DNT		
132	14/10/2008	Templemore	DNT		
133	16/10/2008	Bollol Creek	0.28 mm/s	102.8 dBL	11:54:40
133	16/10/2008	Tarrawonga Station	DNT		
133	16/10/2008	Templemore	DNT		
134	23/10/2008	Bollol Creek	DNT		
134	23/10/2008	Tarrawonga Station	DNT		
134	23/10/2008	Templemore	DNT		
135	27/10/2008	Bollol Creek	No result*		
135	27/10/2008	Tarrawonga Station	No result*		
135	27/10/2008	Templemore	No result*		
136	28/10/2008	Bollol Creek	Unable to read monitor reports		
136	28/10/2008	Tarrawonga Station	DNT		
136	28/10/2008	Templemore	Unable to read monitor reports		
137	4/11/2008	Bollol Creek	DNT		
137	4/11/2008	Tarrawonga Station	DNT		
137	4/11/2008	Templemore	DNT		
138	10/11/2008	Bollol Creek	2.38 mm/s	100.1 dBL	11:56:59
138	10/11/2008	Tarrawonga Station	DNT		
138	10/11/2008	Templemore	0.35 mm/s	100.2 dBL	11:56:22
139	12/11/2008	Bollol Creek	1.07 mm/s	1.03.4 dBL	12:27:14
139	12/11/2008	Tarrawonga Station	.035 mm/s	105.3 dBL	12:24:57
139	12/11/2008	Templemore	1.04 mm/s	103.2 dBL	11:27:24
140	14/11/2008	Bollol Creek	0.28 mm/s	99.5 dBL	11:57:54
140	14/11/2008	Tarrawonga Station	DNT		
140	14/11/2008	Templemore	0.28 mm/s	100.7 dBL	11:58:03
141/142	27/11/2008	Bollol Creek	0.51 mm/s	114.1 dBL	13:26:04
141/142	27/11/2008	Tarrawonga Station	0.58 mm/s	111.9 dBL	13:23:35
141/142	27/11/2008	Templemore	0.53mm/s	113.8 dBL	13:26:15
143	26/11/2008	Bollol Creek	No result*		
143	26/11/2008	Tarrawonga Station	No result*		
143	26/11/2008	Templemore	No result*		
144	3/12/2008	Bollol Creek	No result*		
144	3/12/2008	Tarrawonga Station	No result*		
144	3/12/2008	Templemore	No result*		

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
145	10/12/2008	Bollol Creek	1.5 mm/s	114.9 dBL	12:06:14
145	10/12/2008	Tarrawonga Station	DNT		
145	10/12/2008	Templemore	1.46 mm/s	115.0 dBL	12:06:25
146	17/12/2008	Bollol Creek	DNT		
146	17/12/2008	Tarrawonga Station	DNT		
146	17/12/2008	Templemore	DNT		
147	8/01/2009	Tarrawonga Station	DNT		
147	8/01/2009	Templemore	DNT		
148	14/01/2009	Tarrawonga Station	0.35 mm/s	105.3 dBL	12:12:57
148	14/01/2009	Templemore	1.47 mm/s	102.1 dBL	12:12:32
149	16/01/2009	Bollol Creek	DNT		
149	16/01/2009	Tarrawonga Station	DNT		
149	16/01/2009	Templemore	1.04 mm/s	106.0 dBL	12:03:39
150	21/01/2009	Tarrawonga Station	DNT		
150	21/01/2009	Templemore	0.13 mm/s	111.2 dBL	12:21:20
151	22/01/2009	Tarrawonga Station	DNT		
151	22/01/2009	Templemore	DNT		
152	4/02/2009	Tarrawonga Station	DNT		
152	4/02/2009	Templemore	0.61 mm/s	101.8 dBL	12:03:24
153	6/02/2009	Tarrawonga Station	DNT		
153	6/02/2009	Templemore	0.76 mm/s	100.5 dBL	12:06:40
154	13/02/2009	Tarrawonga Station	DNT		
154	13/02/2009	Templemore	0.76 mm/s	113.5 dBL	12:07:44
155	17/02/2009	Tarrawonga Station	DNT		
155	17/02/2009	Templemore	DNT		
156	20/02/2009	Tarrawonga Station			
156	20/02/2009	Templemore	0.39mm/s	111.3 dBL	12:02:17
157/158	27/02/2009	Tarrawonga Station	0.58 mm/s	111.9 dBL	12:01:35
157/158	27/02/2009	Templemore	0.53mm/s	113.8 dBL	12:01:15
159	5/03/2009	Tarrawonga Station	DNT		
159	5/03/2009	Templemore	DNT		
160	6/03/2009	Tarrawonga Station	1.6 mm/s	101.7 dBL	12:07:10
160	6/03/2009	Templemore	0.76 mm/s	111.7 dBL	12:07:39
161	11/03/2009	Tarrawonga Station	0.13 mm/s	111.1 dBL	12:08:41
161	11/03/2009	Templemore	0.28 mm/s	104.9 dBL	12:08:13
162	16/03/2009	Tarrawonga Station	DNT		
162	16/03/2009	Templemore	0.10 mm/s	106.7 dBL	12:03:42

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
163	19/03/2009	Tarrawonga Station	0.10 mm/s	113.2 dBL	12:00:11
163	19/03/2009	Templemore	0.38 mm/s	106.3 dBL	12:00:16
164	23/03/2009	Tarrawonga Station	2.86 mm/s	111.1 dBL	12:18:05
164	23/03/2009	Templemore	DNT		
165	25/03/2009	Tarrawonga Station	DNT		
165	25/03/2009	Templemore	DNT		
166	27/03/2009	Tarrawonga Station	DNT		
166	27/03/2009	Templemore	0.71 mm/s	107.7 dBL	12:08:00
167	31/03/2009	Tarrawonga Station	0.35 mm/s	102.6 dBL	11:53:13
167	31/03/2009	Templemore	0.10 mm/s	109.4 dBL	11:53:14
168	2/04/2009	Tarrawonga Station	0.10 mm/s	106.9 dBL	11:53:22
168	2/04/2009	Templemore	0.78 mm/s	109.4 dBL	11:53:27
169	9/04/2009	Tarrawonga Station	1.55 mm/s	107.7 dBL	13:39:54
169	2/04/2009	Templemore	DNT		
170	21/04/2009	Tarrawonga Station	DNT		
170	21/04/2009	Templemore	DNT		
171	22/04/2009	Tarrawonga Station	No result*		
171	22/04/2009	Templemore	No result*		
172	28/04/2009	Tarrawonga Station	DNT		
172	28/04/2009	Templemore	0.35 mm/s	110.4 dBL	13:02:28
173	1/05/2009	Tarrawonga Station	DNT		
173	1/05/2009	Templemore	0.43 mm/s	96.2 dBL	11:48:07
174	6/05/2009	Tarrawonga Station	0.33 mm/s	112.7 dBL	13:10:04
174	6/05/2009	Templemore	1.11 mm/s	102.2 dBL	13:11:30
175	12/05/2009	Tarrawonga Station	1.52 mm/s	106. dBL	13:20:13
175	12/05/2009	Templemore	0.86 mm/s	111.9 dBL	13:18:42
176	16/05/2009	Tarrawonga Station	0.33 mm/s	103.3 dBL	12:58:39
176	16/05/2009	Templemore	0.63 mm/s	105.8 dBL	13:00:09
177	28/05/2009	Tarrawonga Station	DNT		
177	28/05/2009	Templemore	0.84 mm/s	103.0 dBL	13:34:41
178	10/06/2009	Tarrawonga Station	0.33 mm/s	106.7 dBL	12:01:32
178	10/06/2009	Templemore	0.76 mm/s	109.7 dBL	12:01:35
180	12/06/2009	Tarrawonga Station	DNT		
180	12/06/2009	Templemore	DNT		
181	16/06/2009	Tarrawonga Station	0.25 mm/s	106.2 dBL	12:02:13
181	16/06/2009	Templemore	DNT		
182	19/06/2009	Tarrawonga Station	DNT		
182	19/06/2009	Templemore	DNT		

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
179	24/06/2009	Tarrawonga Station	DNT		
179	24/06/2009	Templemore	1.11 mm/s	106.0 dBL	12:07:00
183	2/07/2009	Tarrawonga Station	0.48 mm/s	100.1 dBL	12:02:40
183	2/07/2009	Templemore	0.74 mm/s	104.6 dBL	12:07:02
184	9/07/2009	Tarrawonga Station	0.63 mm/s	108.2 dBL	12:01:57
184	9/07/2009	Templemore	0.94 mm/s	108.9 dBL	12:01:57
185/186	15/07/2009	Tarrawonga Station	0.28 mm/s	112.6 dBL	12:40:05
185/186	15/07/2009	Templemore	0.92 mm/s	107.4 dBL	12:39:24
187	24/07/2009	Tarrawonga Station	DNT		
187	24/07/2009	Templemore	0.78 mm/s	103.7 dBL	12:30:24
188	30/07/2009	Tarrawonga Station	Not Set by Orica		
188	30/07/2009	Templemore	Not Set by Orica		
189	31/07/2009	Tarrawonga Station	0.76 mm/s	102.4 dBL	11:39:09
189	31/07/2009	Templemore	0.38 mm/s	81.4 dBL	11:39:15
190	12/08/2009	Tarrawonga Station	0.89 mm/s	103.7 dBL	15:50:53
190	12/08/2009	Templemore	1.82 mm/s	107.9 dBL	15:50:48
191	13/08/2009	Tarrawonga Station	0.78 mm/s	111.3 dBL	11:57:38
191	13/08/2009	Templemore	0.25 mm/s	113.3 dBL	11:57:44
192	31/08/2009	Tarrawonga Station	0.30 mm/s	93.4 dBL	12:11:25
192	31/08/2009	Templemore	1.19 mm/s	101.5 dBL	12:11:45
193	2/09/2009	Tarrawonga Station	DNT		
193	2/09/2009	Templemore	0.48 mm/s	99.3 dBL	12:12:54
194	7/09/2009	Tarrawonga Station	1.22 mm/s	111.9 dBL	11:16:04
194	7/09/2009	Templemore	0.91 mm/s	109.8 dBL	11:15:59
195	10/09/2009	Tarrawonga Station	DNT		
195	10/09/2009	Templemore	0.71 mm/s	105.0 dBL	12:03:02
196	11/09/2009	Tarrawonga Station	0.33 mm/s	114.6 dBL	12:15:36
196	11/09/2009	Templemore	0.78 mm/s	108.4 dBL	12:15:29
197	21/09/2009	Tarrawonga Station	0.61 mm/s	100.9 dBL	12:07:39
197	21/09/2009	Templemore	0.58 mm/s	111.2 dBL	12:05:10
198	29/09/2009	Tarrawonga Station	0.56 mm/s	104.3 dBL	12:29:18
198	29/09/2009	Templemore	0.10 mm/s	107.0 dBL	12:29:33
199	1/10/2009	Tarrawonga Station	0.10 mm/s	106.2 dBL	11:58:40
199	1/10/2009	Templemore	0.35 mm/s	101.9 dBL	11:58:59
200	19/10/2009	Tarrawonga Station	DNT		
200	19/10/2009	Templemore	1.42 mm/s	115.3 dBL	12:09:04
201	30/10/2009	Tarrawonga Station	1.15 mm/s	105.7 dBL	12:00:00
201	30/10/2009	Templemore	2.41 mm/s	108.2 dBL	12:00:00

Environmental Blast Monitoring

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
202	11/11/2009	Tarrawonga Station	DNT		11:58:54
202	11/11/2009	Templemore	1.22 mm/s	102.4 dBL	11:58:54
203	18/11/2009	Tarrawonga Station	DNT		12:01:34
203	18/11/2009	Templemore	1.16 mm/s	101.9 dBL	12:01:34
204	4/12/2009	Tarrawonga Station	0.46 mm/s	108.2dBL	12:01:09
204	4/12/2009	Templemore	1.42 mm/s	114.9 dBL	12:03:13
205	9/12/2009	Tarrawonga Station	DNT		12:04:22
205	9/12/2009	Templemore	0.94 mm/s	108.6 dBL	12:03:13
206	15/12/2009	Tarrawonga Station	DNT		12:18:30
206	15/12/2009	Templemore	0.66 mm/s	101.9 dBL	12:18:30
207	6/01/2010	Tarrawonga Station	DNT		12:04:24
207	6/01/2010	Templemore	0.48 mm/s	102.4 dBL	12:04:24
208	13/01/2010	Tarrawonga Station	0.43 mm/s	102.8 dBL	12:14:33
208	13/01/2010	Templemore	1.34mm/s	101.8 dBL	12:14:33
209	22/01/2010	Tarrawonga Station	0.97 mm/s	106.7 dBL	12:11:07
209	22/01/2010	Templemore	2.20mm/s	101.8 dBL	12:1: PM
210	4/02/2010	Tarrawonga Station	0.56 mm/s	108.6 dBL	12:03:43
210	4/02/2010	Templemore	1.67 mm/s	103.2 dBL	12:03:45
211	18/02/2010	Tarrawonga Station	DNT		
211	18/02/2010	Templemore	DNT		
212	23/02/2010	Tarrawonga Station	DNT		
212	23/02/2010	Templemore	0.66mm/s	107.5 dBL	11:55:28
213	9/03/2010	Tarrawonga Station	DNT		
213	9/03/2010	Templemore	0.56mm/s	98.6 dBL	11:58:38
214	11/03/2010	Tarrawonga Station	1.42 mm/s	108.0 dBL	12:08:52
214	11/03/2010	Templemore	0.84mm/s	108.8 dBL	12:10:48
215	23/03/2010	Tarrawonga Station	DNT		
215	23/03/2010	Templemore	0.51mm/s	97.9 dBL	12:06:17
216	26/03/2010	Tarrawonga Station	DNT		
216	26/03/2010	Templemore	DNT		
217	9/04/2010	Tarrawonga Station	DNT		
217	9/04/2010	Templemore	DNT		
218	21/04/2010	Tarrawonga Station	DNT		
218	21/04/2010	Templemore	1.16 mm/s	103.2 dBL	12:02:13
219	29/04/2010	Tarrawonga Station	DNT		
219	29/04/2010	Templemore	0.13 mm/s	109.8 dBL	12:05:32
220	30/04/2010	Tarrawonga Station	0.38 mm/s	103.5 dBL	12:06:01
220	30/04/2010	Templemore	2.33 mm/s	99.9 dBL	12:05:32

*no monitor results obtained on basis of blast size (coal/parting shots)