

## Appendix 8

---

# BLAST MONITORING RESULTS

**Rocglen - Environmental Blast Monitoring**

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
1		Costa Vale	DNT	DNT	DNT
1		Brolga	DNT	DNT	DNT
1		Surrey	DNT	DNT	DNT
2	22/Aug/08	Costa Vale	DNT	DNT	DNT
2	22/Aug/08	Roadside	0.66 mm/s	102.1 dBL	13:48:38
3	03/Sep/08	Costa Vale	0.10 mm/s	110.2 dBL	9:08:16
3	03/Sep/08	Roadside	0.58 mm/s	110.7 dBL	9:07:58
4	11/Sep/08	Costa Vale	DNT	DNT	DNT
4	11/Sep/08	Brolga	DNT	DNT	DNT
4	11/Sep/08	Surrey	DNT	DNT	DNT
5 (block 3)	25/Sep/08	Costa Vale	DNT	DNT	DNT
5 (block 3)	25/Sep/08	Brolga	DNT	DNT	DNT
5 (block 3)	25/Sep/08	Surrey	DNT	DNT	DNT
5 (block 4b)	26/Sep/08	Costa Vale	DNT	DNT	DNT
5 (block 4b)	26/Sep/08	Brolga	DNT	DNT	DNT
5 (block 4b)	26/Sep/08	Surrey	DNT	DNT	DNT
6	02/Oct/08	Costa Vale	0.65 mm/s	102.3 dBL	12:08:53
6	02/Oct/08	Roseberry	0.66 mm/s	102.1 dBL	12:08:38
7	21/Oct/08	Costa Vale	0.35 mm/s	110.5 dBL	12:37:23
7	21/Oct/08	Roseberry	0.86 mm/s	107.5 dBL	12:37:48
7	21/Oct/08	Roadside	0.86 mm/s	107.5 dBL	12:37:48
8	31/Oct/08	Costa Vale	DNT	DNT	DNT
8	31/Oct/08	Surrey	DNT	DNT	DNT
8	31/Oct/08	Roseberry	DNT	DNT	DNT
9	28/Nov/08	Costa Vale	0.36 mm/s	105.5 dBL	12:14:57
9	28/Nov/08	Surrey	DNT	DNT	DNT
9	28/Nov/08	Roseberry	1.04 mm/s	103.2 dBL	12:14:04
10	12/Dec/08	Costa Vale	1.46 mm/s	115.0 dBL	10:06:25
10	12/Dec/08	Roseberry	1.50 mm/s	114.9 dBL	10:06:14
12	30/Jan/09	Roseberry	1.48 mm/s	114.8 dBL	9:14:12
12	30/Jan/09	Costa Vale	1.46 mm/s	114.9 dBL	9:14:25
13	10/Feb/09	Costa Vale	0.53 mm/s	111.2 dBL	12:29:19
13	10/Feb/09	Roseberry	DNT	DNT	DNT
14	25/Feb/09	Costa Vale	0.51 mm/s	107.2 dBL	12:13:59
14	25/Feb/09	Roseberry	0.33 mm/s	102.2 dBL	12:14:15
15	27/Feb/09	Costa Vale	0.36 mm/s	114.9 dBL	10:58:03
15	27/Feb/09	Roseberry	DNT	DNT	DNT
16	12/Mar/09	Costa Vale	0.56 mm/s	113.2 dBL	12:10:42
16	12/Mar/09	Roseberry	1.22 mm/s	114.6 dBL	12:10:26
17	25/Mar/09	Costa Vale	0.4 mm/s	108.2 dBL	12:59:41
17	25/Mar/09	Roseberry	0.13 mm/s	111.7 dBL	13:00:06
18	08/Apr/09	Costa Vale	0.71 mm/s	107.2 dBL	12:05:38
18	08/Apr/09	Roseberry	0.30 mm/s	114.8 dBL	12:05:55

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE	PEAK OVERPRESSURE	TIME
19	24/Apr/09	Costa Vale	Monitors not set		
19	24/Apr/09	Roseberry	Monitors not set		
20	08/May/09	Costa Vale	0.43 mm/s	103.3 dBL	11:59:57
20	08/May/09	Roseberry	DNT	DNT	
21	25/May/09	Costa Vale	0.76 mm/s	109.1 dBL	15:13:22
21	25/May/09	Roseberry	0.46 mm/s	111.5 dBL	15:15:04
22	01/Jun/09	Costa Vale	0.48 mm/s	87.4 dBL	12:03:17
22	01/Jun/09	Roseberry	DNT	DNT	
23	04/Jun/09	Costa Vale	DNT	DNT	
23	04/Jun/09	Roseberry	DNT	DNT	
24	16/Jun/09	Costa Vale	DNT	DNT	
24	16/Jun/09	Roseberry	DNT	DNT	
25	26/Jun/09	Costa Vale	0.43 mm/s	107.2 dBL	14:52:49
25	26/Jun/09	Roseberry	0.43 mm/s	104.6 dBL	15:53:04
25	26/Jun/09	Brolga	0.71 mm/s	104.5 dBL	14:52:34
26	07/Jul/09	Costa Vale	0.68 mm/s	106.7 dBL	12:10:16
26	07/Jul/09	Roseberry	DNT	DNT	
26	07/Jul/09	Brolga	DNT	DNT	
27	27/Jul/09	Costa Vale	0.78 mm/s	103.7 dBL	12:07:24
27	27/Jul/09	Roseberry	0.47 mm/s	100.2 dBL	12:07:18
27	27/Jul/09	Brolga	DNT	DNT	
28	06/Aug/09	Costa Vale	0.56 mm/s	113.2 dBL	12:43:42
28	06/Aug/09	Roseberry	0.99 mm/s	109.2 dBL	12:43:08
28	06/Aug/09	Brolga	DNT	DNT	
29	24/Aug/09	Costa Vale	0.41 mm/s	119.9 dBL	11:41:53
29	24/Aug/09	Roseberry	DNT	DNT	
30	27/Aug/09	Costa Vale	0.38 mm/s	116.9 dBL	12:02:45
30	27/Aug/09	Roseberry	DNT	DNT	
31	16/Sep/09	Costa Vale	0.53 mm/s	101.9 dBL	12:27:48
31	16/Sep/09	Roseberry	0.76 mm/s	100.0 dBL	12:27:52
32	17/Sep/09	Costa Vale	0.43 mm/s	99.3 dBL	12:09:22
32	17/Sep/09	Roseberry	DNT	DNT	
33	08/Oct/09	Costa Vale	1.39 mm/s	108.8 dBL	11:03:10
33	08/Oct/09	Roseberry	0.43 mm/s	110.5 dBL	11:03:07
33	08/Oct/09	Brolga	0.25 mm/s	109.7 dBL	11:02:50
34	23/Oct/09	Costa Vale	DNT	DNT	
34	23/Oct/09	Roseberry	DNT	DNT	
35	06/Nov/09	Costa Vale	DNT	DNT	
35	06/Nov/09	Roseberry	DNT	DNT	
36	19/Nov/09	Costa Vale	0.84 mm/s	104.0 dBL	11:57:29
36	19/Nov/09	Roseberry	DNT	DNT	
37	30/Nov/09	Costa Vale	0.68 mm/s	103.6 dBL	12:21:03
37	30/Nov/09	Roseberry	0.69 mm/s	106.9 dBL	12:21:09
38	16/Dec/09	Costa Vale	0.65 mm/s	102.3 dBL	12:08:53
38	16/Dec/09	Roseberry	0.66 mm/s	102.1 dBL	12:08:38
39	21/Jan/10	Costa Vale	0.58 mm/s	110.2 dBL	13:00:56
39	21/Jan/10	Roseberry	DNT	DNT	

<b>SHOT NO</b>	<b>DATE</b>	<b>MONITOR LOCATION</b>	<b>PEAK GROUND PRESSURE</b>	<b>PEAK OVERPRESSURE</b>	<b>TIME</b>
40	28/Jan/10	Costa Vale	0.74 mm/s	100.9 dBL	12:01:59
40	28/Oct/10	Roseberry	DNT	DNT	
41	05/Feb/10	Costa Vale	DNT	DNT	
41	05/Feb/10	Roseberry	0.13 mm/s	111.2 dBL	11:09:02
42	02/Mar/10	Costa Vale	0.96 mm/s	108.6 dBL	12:18:47
42	02/Mar/10	Roseberry	DNT	DNT	
43	05/Mar/10	Costa Vale	0.84 mm/s	104.3 dBL	10:33:29
43	05/Mar/10	Roseberry	0.13 mm/s	113.5 dBL	10:33:59
44	16/Mar/10	Costa Vale	DNT	DNT	
44	16/Mar/10	Roseberry	DNT	DNT	
45	30/Mar/10	Costa Vale	0.13 mm/s	109.4 dBL	12:16:37
45	30/Mar/10	Roseberry	DNT	DNT	
46	24/Mar/10	Costa Vale	0.81 mm/s	111.9 dBL	12:03:47
46	24/Mar/10	Roseberry	DNT	DNT	
47	19/Apr/10	Costa Vale	DNT	DNT	
47	19/Apr/10	Roseberry	DNT	DNT	
48	28/Apr/10	Costa Vale	0.61 mm/s	110.7 dBL	12:06:05
48	28/Apr/10	Roseberry	DNT	DNT	
49	14/May/10	Costa Vale	DNT	DNT	
49	14/May/10	Roseberry	DNT	DNT	
50	25/May/10	Costa Vale	0.89 mm/s	108.2 dBL	12:08:57
50	25/May/10	Roseberry	0.13 mm/s	111.3 dBL	12:08:28
51	25/Jun/10	Costa Vale	0.99 mm/s	104.2 dBL	10:13:36
51	25/Jun/10	Roseberry	DNT	DNT	
52	09/Jul/10	Costa Vale	DNT	DNT	
52	09/Jul/10	Roseberry	DNT	DNT	