

## BLAST RESULTS 2014

**License Number:** 3391  
**Licensee:** RIX'S CREEK PTY. LIMITED  
 PO BOX 4  
 EAST MAITLAND NSW 2323  
**Premises:** RIX'S CREEK COLLIERY  
 RIX'S CREEK LANE  
 SINGLETON NSW 2330

**Monitoring Frequency:** Every Blast  
**Airblast Overpressure Limit:** 120 dB(Lin Peak)  
**Ground Vibration Limit:** 10 mm/s

Rix's Blast # 2014	Date	Time	Location of blast / blast name	Ground Vibration (mm/s)	Airblast Overpressure dB(Lin Peak)	Monitoring Location (Residence/Noise sensitive location)	Windspeed (m/s)	Wind Direction (°)	Complaints
<b>JANUARY</b> Data published - 3 February 2014									
1 / 2	16/01/2014	11:04	North Pit MS01 L21 Steep zone MS01 L21 Flat zone	<0.3 <0.3 <0.3	<113 <113 <113	Ernst Residence Retreat Mines Rescue	0.9	17	0
3	21/01/2014	11:08	West Pit WP10 Extended Surface level	<0.3 <0.3 0.21	<113 <113 94.89	Dunn Residence Wright Residence Mines Rescue	1.9	221	0
<b>FEBRUARY</b> Data published - 19 March 2014									
4	6/02/2014	14:21	West Pit WP09 PG28	1.35 1.25 0.51	104.8 104.56 94.7	Dunn Residence Wright Residence Mines Rescue	3.7	104	0
<b>MARCH</b> Data published - 12 April 2014									
5	4/03/2014	11:12	West Pit WP09 PG29	1.33 1.4 0.48	112.3 109.96 99.18	Dunn Residence Wright Residence Mines Rescue	2.1	104	0
6	7/03/2014	11:06	North Pit MS01 L21	<0.3 <0.3 <0.3	<113 <113 <113	Ernst Residence Retreat Mines Rescue	0.6	61	0
7	14/03/2014	11:04	West Pit WP10 Extended PG29	0.96 0.88 0.41	98.8 100.37 92.61	Dunn Residence Wright Residence Mines Rescue	0.8	270	0
8	18/03/2014	11:01	North Pit MS01 L21	<0.3 <0.3 0.07	<113 <113 95.36	Ernst Residence Retreat Mines Rescue	1.1	261	0
9	18/03/2014	11:01	West Pit WP08 L15 Presplit	0.36 0.35 0.1	105.3 100.96 97	Dunn Residence Wright Residence Mines Rescue	2.0	75	0
10	19/03/2014	11:05	West Pit WP07 L13	<0.3 0.28 0.11	<113 101.06 92.23	Dunn Residence Wright Residence Mines Rescue	0.5	110	0
11	26/03/2014	11:02	West Pit WP07 L13	<0.3 0.1 0.07	<113 79.23 91.97	Dunn Residence Wright Residence Mines Rescue	2.1	142	0
12	26/03/2014	11:04	West Pit WP08 L15	1.58 1.74 0.31	108.5 80.82 95.71	Dunn Residence Wright Residence Mines Rescue	2.1	142	0
13	26/03/2014	11:58	West Pit WP08 L15	0.39 0.4 0.15	105.6 82.95 89.52	Dunn Residence Wright Residence Mines Rescue	2.7	104	0
<b>APRIL</b> Data published - 20 May 2014									
14	2/04/2014	14:13	West Pit WP10 Extended PG29	0.42 <0.3 0.24	101.5 <113 98.12	Dunn Residence Wright Residence Mines Rescue	0.4	305	0
15	16/04/2014	14:13	West Pit WP08 L15	2.05 2.05 0.24	104.8 103.21 98.12	Dunn Residence Wright Residence Mines Rescue	1.1	155	1
<b>MAY</b> Data published - 10 June 2014									
16	1/05/2014	14:22	West Pit WP08 L17	0.42 0.4 0.11	98.8 95.45 88.78	Dunn Residence Wright Residence Mines Rescue	1.5	107	0
17	6/05/2014	14:17	West Pit WP08 L17	0.6 0.66 0.14	100.3 99.35 93.66	Dunn Residence Wright Residence Mines Rescue	2.8	314	0
18	9/05/2014	11:00	West Pit WP08 L17	0.39 0.26 0.15	103.6 103.81 93.1	Dunn Residence Wright Residence Mines Rescue	2.0	139	0
19	13/05/2014	14:10	West Pit WP08 Upper Barrett	1.12 <0.3 <0.3	103.6 <113 <113	Dunn Residence Wright Residence Mines Rescue	1.3	163	0
20	14/05/2014	14:13	West Pit WP09 L17 Presplit	<0.3 <0.3 0.07	<113 <113 89.69	Dunn Residence Wright Residence Mines Rescue	1.5	117	0
21	21/05/2014	10:57	West Pit WS11 Peak 2	<0.3 0.12 0.17	<113 105.34 98.19	Dunn Residence Wright Residence Mines Rescue	1.0	260	0
22	21/05/2014	11:03	West Pit WS11 Haul Road	0.42 0.29 0.09	110.4 111.43 104.37	Dunn Residence Wright Residence Mines Rescue	1.5	175	0
23	21/05/2014	14:12	West Pit WP09 L20	0.88 0.7 0.14	101.9 97.51 88.38	Dunn Residence Wright Residence Mines Rescue	2.0	163	0
24	23/05/2014	11:00	West Pit	0.55	99.8	Dunn Residence	5.3	282	0

			WP08 L15 Presplit	0.49 0.12	115.04 100.27	Wright Residence Mines Rescue			
25	29/05/2014	14:20	West Pit WS11 Peak 1	0.39 0.25 0.08	106.3 101.24 90.68	Dunn Residence Wright Residence Mines Rescue	2.5	130	0
<b>JUNE</b> Data published - 16 July 2014									
26	5/06/2014	11:01	West Pit WP09 L17 Presplit	0.83 0.68 0.11	100.3 83.67 104.78	Dunn Residence Wright Residence Mines Rescue	2.3	314	0
27	18/06/2014	14:11	West Pit WP08 L15	1.92 2.04 0.48	113.5 111.57 107.22	Dunn Residence Wright Residence Mines Rescue	0.5	51	0
28	23/06/2014	12:57	West Pit WP09 L20	0.7 0.74 0.18	108.5 104.21 105.81	Dunn Residence Wright Residence Mines Rescue	2.8	291	1
29	27/06/2014	9:06	West Pit WP09 L17 Presplit	0.55 0.53 <0.3	101.1 116.06 <113	Dunn Residence Wright Residence Mines Rescue	5.5	295	0
30	27/06/2014	9:31	West Pit WP09 L17 Presplit	0.52 0.48 <0.3	91.6 105.62 <113	Dunn Residence Wright Residence Mines Rescue	4.8	295	0
<b>JULY</b> Data published - 14 August 2014									
31/32	2/07/2014	14:20	West Pit WP09 L20	0.75 0.85 0.25	104.2 97.3 89.15	Dunn Residence Wright Residence Mines Rescue	1.8	141	0
33	14/07/2014	11:05	West Pit WP09 L20	0.68 <0.3 <0.3	101.5 <113 <113	Dunn Residence Wright Residence Mines Rescue	2.0	166	0
34	14/07/2014	11:07	West Pit WS11 Peak 1	<0.3 <0.3 <0.3	<113 <113 <113	Dunn Residence Wright Residence Mines Rescue	2.0	166	0
35	14/07/2014	14:25	West Pit WP09 Extended PG28	0.6 <0.3 <0.3	103.6 <113 <113	Dunn Residence Wright Residence Mines Rescue	4.3	92	0
36	15/07/2014	14:24	West Pit WP09 L20	<0.3 0.65 <0.3	<113 101.5 <113	Dunn Residence Wright Residence Mines Rescue	1.8	84	0
37	21/07/2014	14:24	West Pit WS11 Haul Road	<0.3 <0.3 <0.3	<113 <113 <113	Dunn Residence Wright Residence Mines Rescue	2.5	72	0
38	21/07/2014	14:29	West Pit WP10 L38	<0.3 <0.3 <0.3	<113 <113 <113	Dunn Residence Wright Residence Mines Rescue	2.5	72	0
39	23/07/2014	14:26	West Pit WP10 L38	<0.3 <0.3 <0.3	<113 <113 <113	Dunn Residence Wright Residence Mines Rescue	1.5	84	0
<b>AUGUST</b> Data published - 4 September 2014									
40	4/08/2014	14:24	West Pit WP10 L38	<0.3 0.1 0.07	<113 95.54 95.45	Dunn Residence Wright Residence Mines Rescue	1.5	86	0
41	4/08/2014	14:31	West Pit WP11 L42	<0.3 0.12 0.07	<113 92.74 92.98	Dunn Residence Wright Residence Mines Rescue	1.0	66	0
42	8/08/2014	11:13	West Pit WP09 L17 Presplit	<0.3 0.33 <0.3	<113 95.36 <113	Dunn Residence Wright Residence Mines Rescue	2.3	147	0
43	8/08/2014	14:26	West Pit WP10 L38	<0.3 0.16 <0.3	<113 98.51 <113	Dunn Residence Wright Residence Mines Rescue	2.8	123	0
44	11/08/2014	14:26	West Pit WS11 L42	<0.3 0.19 <0.3	<113 95.17 <113	Dunn Residence Wright Residence Mines Rescue	1.5	131	0
45	11/08/2014	14:30	West Pit WP09 Extended L20	<0.3 0.85 <0.3	<113 95.36 <113	Dunn Residence Wright Residence Mines Rescue	2.0	150	0
46	12/08/2014	11:03	West Pit WP08 Upper Barrett	<0.3 1.09 0.3	<113 105.45 94.8	Dunn Residence Wright Residence Mines Rescue	2.0	128	0
47	20/08/2014	10:55	West Pit WP08 Extended L20	0.84 1.28 0.55	100.4 107.08 90.98	Dunn Residence Wright Residence Mines Rescue	6.8	156	0
48	21/08/2014	14:25	West Pit WP08 L17 Presplit	0.53 0.25 <0.3	101.2 96.14 <113	Dunn Residence Wright Residence Mines Rescue	5.5	137	0
<b>SEPTEMBER</b> Data published - 15 October 2014									
49	4/09/2014	14:28	West Pit WP08 Barrett	0.93 1.48 0.41	106.2 99.85 99.52	Dunn Residence Wright Residence Mines Rescue	8.8	165	0
50	4/09/2014	14:32	West Pit WS11 PG29 Peak 2	0.22 0.3 0.08	112.3 106.47 107.51	Dunn Residence Wright Residence Mines Rescue	8.8	163	0
51	5/09/2014	14:30	West Pit WP07 Barrett Presplit	<0.3 <0.3 <0.3	<113 <113 <113	Dunn Residence Wright Residence Mines Rescue	6.8	185	0
52	12/09/2014	14:28	West Pit WP09 Extended L20	<0.3 0.47 0.19	<113 94.2 98.88	Dunn Residence Wright Residence Mines Rescue	5.5	88	0

53	15/09/2014	14:16	West Pit WS11 Peak 1	<0.3 0.4 0.08	<113 115.18 99.79	Dunn Residence Wright Residence Mines Rescue	2.5	300	0
54/55	26/09/2014	11:06	West Pit WP07 Presplit WP07 Upper Barrett	<0.3 2.21 0.79	<113 107.49 99.12	Dunn Residence Wright Residence Mines Rescue	3.0	148	0
<b>OCTOBER</b>	Data published - 6 November 2014								
56	1/10/2014	14:26	West Pit WP09 L19 Shot 1	<0.3 0.15 0.07	<113 96.7 87.75	Dunn Residence Wright Residence Mines Rescue	4.8	162	0
57	3/10/2014	11:01	West Pit WP09 L19 Shot 1 WP09 L19 Shot 2	<0.3 0.15 0.07	<113 94.7 87.75	Dunn Residence Wright Residence Mines Rescue	3.5	120	0
58	8/10/2014	13:56	West Pit WP09 L19 Shot 3	<0.3 0.24 0.07	<113 106.08 106.13	Dunn Residence Wright Residence Mines Rescue	6.5	91	0
59	17/10/2014	11:09	West Pit WP07 Barrett	1.54 1.77 0.51	103.6 103.39 92.61	Dunn Residence Wright Residence Mines Rescue	4.3	161	0
60	22/10/2014	14:25	West Pit WP08 Extended L19	0.56 0.42 0.22	98.5 98.57 96.7	Dunn Residence Wright Residence Mines Rescue	3.0	127	0
61	29/10/2014	14:40	West Pit WP09 L19	0.53 0.31 0.11	92.4 105.3 82.1	Dunn Residence Wright Residence Mines Rescue	2.0	26	0
62	31/10/2014	11:05	West Pit WP08 L17 Presplit	0.39 0.21 0.18	91.3 100.6 87.4	Dunn Residence Wright Residence Mines Rescue	3.8	326	0
<b>NOVEMBER</b>	Data published - 1 December 2014								
63	4/11/2014	11:07	West Pit WP07 Barrett	0.34 0.21 0.19	93.8 98.9 90.1	Dunn Residence Wright Residence Mines Rescue	2.0	65	0
64	4/11/2014	11:18	West Pit WP08 Extended L20	<0.3 0.02 0.04	<113 80.9 88.4	Dunn Residence Wright Residence Mines Rescue	1.8	105	0
65	6/11/2014	14:25	West Pit WP09 L19	<0.3 0.22 0.09	<113 96.4 86.2	Dunn Residence Wright Residence Mines Rescue	4.8	99	0
66	12/11/2014	14:27	West Pit WP08 Extended L20	<0.3 0.48 0.39	<113 100.2 97.3	Dunn Residence Wright Residence Mines Rescue	6.0	101	0
67	19/11/2014	11:06	West Pit WP09 L19	<0.3 0.24 0.08	<113 94.4 85.5	Dunn Residence Wright Residence Mines Rescue	7.3	98	0
68	19/11/2014	11:06	West Pit WP09 L19	<0.3 2.11 0.84	<113 95.2 108.2	Dunn Residence Wright Residence Mines Rescue	7.3	98	0
69	19/11/2014	14:27	West Pit WP08 Barrett	<0.3 0.07 0.04	<113 97.8 87.5	Dunn Residence Wright Residence Mines Rescue	9.8	124	0
70	25/11/2014	14:29	West Pit WP10 L38	0.05 0.07 0.04	89.7 97.8 87.5	Dunn Residence Wright Residence Mines Rescue	8.0	93	0
<b>DECEMBER</b>	Data published - 14 December 2014								
71	9/12/2014	11:13	West Pit WS11 Peak 3 - Shot 1	<0.3 0.23 0.1	<113 103 89.1	Dunn Residence Wright Residence Mines Rescue	3.3	100	0
72	9/12/2014	14:24	West Pit WP08 Barrett	1.4 1.66 0.64	102 98.3 97.6	Dunn Residence Wright Residence Mines Rescue	6.3	96	0
73	10/12/2014	14:25	West Pit WS11 Peak 3 - Shot 2	<0.3 0.2 0.1	<113 100.9 89.2	Dunn Residence Wright Residence Mines Rescue	3.8	101	0
74	17/12/2014	11:15	West Pit WS11 Peak 3 - Shot 3	<0.3 0.17 0.11	<113 100.8 97.6	Dunn Residence Wright Residence Mines Rescue	8.3	87	0
75	18/12/2014	10:10	West Pit WS11 L42	<0.3 0.19 0.09	<113 97.1 85.9	Dunn Residence Wright Residence Mines Rescue	3.5	179	0
76	22/12/2014	15:57	West Pit WP10 L38	<0.3 0.11 0.09	<113 101.8 85.9	Dunn Residence Wright Residence Mines Rescue	6.3	75	0
77	23/12/2014	10:54	West Pit WS11 L40	<0.3 0.18 <0.3	<113 101.8 <113	Dunn Residence Wright Residence Mines Rescue	1.5	64	0



Rix's Creek – Blast Monitoring Locations Diagram.