

BLAST RESULTS 2015

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 # 2015	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
JANUARY Data published - 10 February 2015									
1	20/01/2015	11:23	West Pit WP09 L17 S1	0.13 0.24 0.14 0.51	95.7 79.6 85.1 98.3	Ernst Residence Mines Rescue Retreat Wright Residence	4.8	138	0
2	22/01/2015	14:31	West Pit WP11 Lemington 42	0.09 0.06 0.05 0.22	101.7 103.5 101.4 96.2	Ernst Residence Mines Rescue Retreat Wright Residence	6.8	95	0
3	27/01/2015	11:19	West Pit WP08 L19	0.09 0.06 0.04 0.06	97.5 90.4 91 90.7	Ernst Residence Mines Rescue Retreat Wright Residence	8.8	137	0
FEBRUARY Data published - 14 March 2015									
4	4/02/2015	11:03	West Pit WP08 L19	0.03 0.1 0.06 0.11	84.6 86.2 87.4 91.8	Ernst Residence Mines Rescue Retreat Wright Residence	3.8	144	0
5	5/02/2015	10:02	West Pit WS11 A23	0.07 0.08 0.04 0.2	95.6 82.8 86.1 102.5	Ernst Residence Mines Rescue Retreat Wright Residence	2.8	139	0
6 / 7	11/02/2015	14:24	West Pit WP08 Ex L19 S2 / WP08 L19 S3	0.04 0.13 0.07 0.15	96.5 88.5 81.8 100.5	Ernst Residence Mines Rescue Retreat Wright Residence	4.0	83	0
8	17/02/2015	11:06	West Pit WP08 Ex L19 S4	0.02 0.09 0.08 0.08	82.4 105.1 85.9 95.1	Ernst Residence Mines Rescue Retreat Wright Residence	2.0	63	0
9	18/02/2015	11:01	West Pit WP10 Lemington 35	0.05 0.03 0.03 0.07	87.4 91.6 82.4 89.8	Ernst Residence Mines Rescue Retreat Wright Residence	2.3	110	0
10	20/02/2015	11:10	West Pit WP11 Lemington 42 S3	0.04 0.04 0.02 0.06	92.7 80.2 90.4 90.2	Ernst Residence Mines Rescue Retreat Wright Residence	4.0	113	0
11	25/02/2015	11:26	West Pit WP09 L19	0.04 0.11 0.03 0.24	92.3 85.3 89.5 91.9	Ernst Residence Mines Rescue Retreat Wright Residence	2.3	117	0
12	27/02/2015	11:06	West Pit WP08	0.02 0.06 0.03 0.2	85.8 82.5 92.6 93	Ernst Residence Mines Rescue Retreat Wright Residence	2.3	158	0
MARCH Data published - 8 April 2015									
13	3/03/2015	14:28	West Pit WS11 Level 1B	0.06 0.08 0.04 0.22	90.2 93.3 97.1 102	Ernst Residence Mines Rescue Retreat Wright Residence	2.3	338	0
14/15	10/03/2015	11:10	West Pit WS11 1B S2	0.09 0.08 0.04 0.2	95.5 93.3 91.2 101.9	Ernst Residence Mines Rescue Retreat Wright Residence	4.5	150	0
16	12/03/2015	14:27	West Pit WS11 1B S3	0.1 0.12 0.09 0.19	96.2 85.4 103.6 105.8	Ernst Residence Mines Rescue Retreat Wright Residence	5.5	90	0
17	17/3/2015	14:25	West Pit WP08 Ex L17	0.18 0.4 0.13 0.62	85.2 88.7 95.2 96.9	Ernst Residence Mines Rescue Retreat Wright Residence	1.5	181	0
18	19/3/2015	11:10	West Pit WP08 L17 S2	0.1 0.31 0.21 0.52	86.4 88.3 90.7 94.4	Ernst Residence Mines Rescue Retreat Wright Residence	3.0	86	0
19/20	25/3/2015	11:05	West Pit WP08 L17 S3	0.11 0.51 0.16 0.39	91.4 90.4 93.8 96.2	Ernst Residence Mines Rescue Retreat Wright Residence	2.8	91	0
21	30/3/2015	14:26	West Pit	0.03	100.6	Ernst Residence	5.8	117	0

			WP10 Lem 35 S2	0.08 0.04 0.1	87.6 97.9 93.8	Mines Rescue Retreat Wright Residence			
22	31/3/2015	11:07	West Pit WP08 L17 S4	0.08 0.56 0.2 0.44	94.9 92.1 90.8 95.4	Ernst Residence Mines Rescue Retreat Wright Residence	3.8	136	0
APRIL Data published - 3 May 2015									
23	2/04/2015	14:31	West Pit WS11	0.11 0.11 0.06 0.28	101.4 106.1 108.9 111.6	Ernst Residence Mines Rescue Retreat Wright Residence	2.5	297	0
24	17/04/2015	14:29	West Pit WP09 L17 S2	0.08 0.17 0.15 0.68	92.9 87.3 92.6 102.2	Ernst Residence Mines Rescue Retreat Wright Residence	3.5	112	0
25	30/04/2015	11:20	West Pit WP08 Ex L15	0.51 1.38 0.71 1.32	103.8 94.9 96.3 109.2	Ernst Residence Mines Rescue Retreat Wright Residence	4.5	118	0
MAY Data published - 5 June 2015									
26	1/05/2015	11:31	West Pit WP08 L19	0.02 0.07 0.04 0.08	96.1 80.4 95.2 89.1	Ernst Residence Mines Rescue Retreat Wright Residence	5.3	156	0
27	7/05/2015	9:08	West Pit WP10 PG28	0.07 0.06 0.06 0.22	100.2 97.6 97.1 105.1	Ernst Residence Mines Rescue Retreat Wright Residence	8.0	306	0
28	8/05/2015	11:11	West Pit WP080 Ext L19/18 S7	0.04 0.07 0.04 0.15	96.2 92 93.9 101	Ernst Residence Mines Rescue Retreat Wright Residence	7.3	314	0
29	12/05/2015	9:33	West Pit WP08 Ext L15	0.27 0.65 0.42 0.73	108 108.6 101.8 104	Ernst Residence Mines Rescue Retreat Wright Residence	9.8	303	0
30	15/05/2015	11:11	West Pit WP08 Ex L15 S2	0.53 1.32 0.51 1.09	97.7 96 99.7 109	Ernst Residence Mines Rescue Retreat Wright Residence	3.0	196	0
31	15/05/2015	14:25	West Pit WP10 Lemington 38 2	0.04 0.03 0.02 0.07	104 85.5 93.1 94.5	Ernst Residence Mines Rescue Retreat Wright Residence	4.5	143	0
32	18/05/2015	11:07	West Pit WS11 A23	0.07 0.09 0.04 0.15	95.5 89.7 95.6 107	Ernst Residence Mines Rescue Retreat Wright Residence	1.5	166	0
33	18/05/2015	14:27	West Pit WP10 P29	0.21 0.33 0.14 0.79	92.1 92.9 95.8 99.4	Ernst Residence Mines Rescue Retreat Wright Residence	2.0	154	0
34	19/05/2015	14:25	West Pit WP08 L18/19	0.02 0.06 0.04 0.11	96.7 95.7 91.8 100.1	Ernst Residence Mines Rescue Retreat Wright Residence	5.8	311	0
35	21/05/2015	14:27	West Pit WP10 Lemington 38 B	0.03 0.04 0.03 0.16	87.3 92.2 99.2 100.4	Ernst Residence Mines Rescue Retreat Wright Residence	4.0	313	0
36	26/05/2015	14:25	West Pit WP08 Ext L16/17	<0.3 0.28 0.14 0.52	<113 95.8 99.4 101.5	Ernst Residence Mines Rescue Retreat Wright Residence	1.5	278	0
37	28/05/2015	14:22	West Pit WP08 Ext L19	0.03 0.06 0.04 0.14	88.9 110.7 115.2 110.3	Ernst Residence Mines Rescue Retreat Wright Residence	6.0	292	0
38/39	29/05/2015	11:12	West Pit WP10 Lem 38 WP10 PG28 Presplit	0.06 0.04 0.04 0.09	95.1 101.2 99.9 100.8	Ernst Residence Mines Rescue Retreat Wright Residence	7.3	301	0
JUNE Data published - 8 July 2015									
40	2/06/2015	14:24	West Pit WP08 L17/16	0.11 0.29 0.15 0.44	87.1 98.6 97.6 101.7	Ernst Residence Mines Rescue Retreat Wright Residence	2.5	300	0
41	3/06/2015	14:21	West Pit WP10 P29 B	0.19 0.16 0.12 0.66	88.7 90.7 95.1 95	Ernst Residence Mines Rescue Retreat Wright Residence	1.3	21	0
42	4/06/2015	14:25	West Pit WP11 L15	0.07 0.15 0.06 0.28	90.7 94.5 97.9 104.7	Ernst Residence Mines Rescue Retreat Wright Residence	4.8	301	0
43	10/06/2015	11:16	West Pit	0.29	86.6	Ernst Residence	2.8	131	0

			WP08 UB Presplit	0.33 0.19 1.71	87.6 84.3 97.5	Mines Rescue Retreat Wright Residence			
44	12/06/2015	11:02	West Pit WP08 L17/16	0.05 0.24 0.12 0.23	88.4 83.5 86.6 93.4	Ernst Residence Mines Rescue Retreat Wright Residence	2.8	120	0
45	16/06/2015	11:16	West Pit WS11 L15	0.09 0.09 0.07 0.23	98.2 91.2 100.3 99	Ernst Residence Mines Rescue Retreat Wright Residence	1.0	125	0
46	16/06/2015	11:42	West Pit WP08 Ex L17 S5	0.08 0.22 0.13 0.51	95.3 88.4 95.2 92.3	Ernst Residence Mines Rescue Retreat Wright Residence	1.3	142	0
47	19/06/2015	13:24	West Pit WS09 A25	0.31 0.25 0.12 1.34	89.7 102.2 102.5 111.1	Ernst Residence Mines Rescue Retreat Wright Residence	2.0	297	0
48	23/06/2015	11:13	West Pit WP08 Overburden	0.07 0.14 0.09 0.4	86.1 91.7 90.8 98	Ernst Residence Mines Rescue Retreat Wright Residence	1.3	303	1 Overpressure
49	24/06/2015	14:23	West Pit WS11 L17/16	0.07 0.1 0.04 0.17	87 96.6 98.3 104.1	Ernst Residence Mines Rescue Retreat Wright Residence	3.8	285	1 Overpressure
50	26/06/2015	14:25	West Pit WS11 2A A25_2	0.05 0.05 0.06 0.14	97.2 80.6 89.1 101.5	Ernst Residence Mines Rescue Retreat Wright Residence	3.5	158	0
51	30/06/2015	11:09	West Pit WS11 A25_1	0.06 0.1 0.07 0.27	105.8 97.5 102.1 107.7	Ernst Residence Mines Rescue Retreat Wright Residence	4.0	324	0
52	30/06/2015	14:34	West Pit WP08 Upper Barrett	0.24 0.65 0.33 1.81	86.2 102.1 93.7 107.5	Ernst Residence Mines Rescue Retreat Wright Residence	4.0	307	0
JULY	Data published - 5 August 2015								
53/54	1/07/2015	14:25	West Pit WS11 L17/16 WS11 L13	0.08 0.08 0.06 0.27	102.8 101.4 102.2 106.8	Ernst Residence Mines Rescue Retreat Wright Residence	3.0	324	0
55	7/07/2015	14:26	West Pit WS11 L15 S4	0.04 0.07 0.05 0.22	88.5 86.6 91.7 99.4	Ernst Residence Mines Rescue Retreat Wright Residence	1.5	278	0
56	7/07/2015	14:38	West Pit WP08 EX L15 Presplit	0.17 0.33 0.12 1.04	80.9 84.8 79.7 89.7	Ernst Residence Mines Rescue Retreat Wright Residence	2.0	276	0
57	8/07/2015	14:32	West Pit WP08 L15 Ex	0.37 1.22 0.39 1.21	92.1 88.4 88.7 101	Ernst Residence Mines Rescue Retreat Wright Residence	2.3	114	1 Overpressure
58	9/07/2015	10:59	West Pit WP10 L35	0.02 0.04 0.03 0.1	91.8 86.8 95.6 93.2	Ernst Residence Mines Rescue Retreat Wright Residence	1.3	225	0
59	10/07/2015	11:10	West Pit WP10 L35b	0.03 0.05 0.03 0.13	93.8 108.6 102.4 104.8	Ernst Residence Mines Rescue Retreat Wright Residence	4.0	314	1 Overpressure
60	16/07/2015	11:10	West Pit WP08 EX L15 Presplit	0.19 0.3 0.17 1.42	103.2 93.1 89.9 91.6	Ernst Residence Mines Rescue Retreat Wright Residence	7.8	276	0
61	20/07/2015	14:28	West Pit WP10 Lem 35	0.05 0.05 0.03 0.1	90 81.2 83.9 89.4	Ernst Residence Mines Rescue Retreat Wright Residence	4.0	123	0
62	20/07/2015	14:41	West Pit WP08 Ex L15	0.27 0.88 0.28 1.29	94.2 95.2 94.9 103.2	Ernst Residence Mines Rescue Retreat Wright Residence	3.0	97	0
63	21/07/2015	14:25	West Pit WS11 2A A23	0.07 0.1 0.03 0.12	90.2 94.9 92 99.4	Ernst Residence Mines Rescue Retreat Wright Residence	1.3	302	0
64	23/07/2015	14:25	West Pit WS11 LB	0.11 0.08 0.05 0.21	92.7 96.8 98.6 107.6	Ernst Residence Mines Rescue Retreat Wright Residence	1.8	275	0
65	29/07/2015	14:27	West Pit WS09 A25 Ramp	0.28 0.33 0.23	89.8 90.9 98.2	Ernst Residence Mines Rescue Retreat	2.3	75	0

				1.06	104.6	Wright Residence			
66	29/07/2015	14:46	West Pit WP08 Extended L15	0.24 0.63 0.5 1.41	91.4 91.5 95 99.2	Ernst Residence Mines Rescue Retreat Wright Residence	1.8	105	0
AUGUST Data published - 3 September 2015									
67	4/08/2015	9:10	West Pit WP09 L17/16	0.07 0.13 0.09 0.42	82.3 88.4 93.4 94.1	Ernst Residence Mines Rescue Retreat Wright Residence	1.5	152	0
68	4/08/2015	9:11	West Pit WP08 Extended L15 Redrill ramp	0.04 0.07 0.05 0.15	77.7 79 81.8 87.3	Ernst Residence Mines Rescue Retreat Wright Residence	1.8	157	0
69	4/08/2015	9:30	West Pit WP10 PG Presplit	0.21 0.11 0.14 0.52	85.7 80.9 84.2 90	Ernst Residence Mines Rescue Retreat Wright Residence	2.5	153	0
70	4/08/2015	11:00	West Pit WP10 Lemington 35	0.02 0.03 0.02 0.06	84.8 84.8 95.2 89.9	Ernst Residence Mines Rescue Retreat Wright Residence	1.3	35	0
71	11/08/2015	9:11	West Pit WP08 Extended L15	0.27 0.42 0.38 1.32	89.8 104.2 103.3 108.3	Ernst Residence Mines Rescue Retreat Wright Residence	3.0	314	0
72	12/08/2015	11:07	West Pit WP10 PG26 Presplit	0.85 0.33 0.31 0.51	89.2 108.5 99.9 112.1	Ernst Residence Mines Rescue Retreat Wright Residence	1.5	269	0
73	14/08/2015	11:08	West Pit WP08 Extended L13 Presplit	0.68 0.6 0.4 0.99	94.5 90.3 94.2 91.9	Ernst Residence Mines Rescue Retreat Wright Residence	6.0	317	0
74	14/08/2015	16:05	West Pit WS11 L20	0.04 0.06 0.03 0.13	90.2 92.2 93.2 101.6	Ernst Residence Mines Rescue Retreat Wright Residence	4.0	318	0
75	14/08/2015	16:07	West Pit WS11 Lower Barrett	0.07 0.04 0.02 0.12	95.2 91.5 94.9 97.6	Ernst Residence Mines Rescue Retreat Wright Residence	4.0	318	0
76	19/08/2015	11:08	West Pit WS11 L40	0.23 0.19 0.1 0.69	93.9 93.8 93.6 103.1	Ernst Residence Mines Rescue Retreat Wright Residence	1.0	141	0
77	19/08/2015	11:12	West Pit WP10 P29	0.29 0.26 0.21 0.68	102 95.1 100.1 103.6	Ernst Residence Mines Rescue Retreat Wright Residence	1.5	75	0
SEPTEMBER Data published - 13 October 2015									
78	2/09/2015	14:39	West Pit WP08 Extended L15	0.4 0.93 0.4 1.33	91.7 98.9 99 108.6	Ernst Residence Mines Rescue Retreat Wright Residence	5.8	354	0
79	4/09/2015	13:40	West Pit WS11 A25	0.21 0.1 0.05 0.23	94.7 102.9 94.1 99	Ernst Residence Mines Rescue Retreat Wright Residence	2.0	103	0
80	4/09/2015	13:45	West Pit WS11 L15 / L17 / 16	0.07 0.09 0.05 0.21	91.4 93.2 93.7 100	Ernst Residence Mines Rescue Retreat Wright Residence	2.0	103	0
81	9/09/2015	14:28	West Pit WP10 PG29 / Lem 30	0.43 0.39 0.22 0.73	101.5 98.7 99.7 104.1	Ernst Residence Mines Rescue Retreat Wright Residence	3.0	312	0
82	10/09/2015	10:57	West Pit WS12 Road Shot	0.03 0.06 0.06 0.12	99.6 91.9 102.3 100.3	Ernst Residence Mines Rescue Retreat Wright Residence	1.8	200	0
83	10/09/2015	14:36	West Pit WP10 PG29 / Lem30	0.38 0.36 0.21 0.75	92.5 94.9 98.6 102.4	Ernst Residence Mines Rescue Retreat Wright Residence	4.5	104	0
84	10/09/2015	14:49	West Pit WS11 Lemington 40	0.27 0.22 0.13 0.43	94.1 82.3 89.2 95.7	Ernst Residence Mines Rescue Retreat Wright Residence	4.8	88	0
85	16/09/2015	14:30	West Pit WP08 Extended L13	0.02 0.03 0.04 0.05	82.5 91.4 92.4 92.3	Ernst Residence Mines Rescue Retreat Wright Residence	3.3	295	0
86	16/09/2015	14:40	West Pit WS12 Road Pattern #2	0.13 0.12 0.07 0.32	89.9 97.1 96.4 99	Ernst Residence Mines Rescue Retreat Wright Residence	3.3	302	0

87	22/09/2015	11:32	West Pit WP08 Extended Hebden Presplit	0.15 0.41 0.16 1.18	100.7 98.9 88.7 99.9	Ernst Residence Mines Rescue Retreat Wright Residence	6.5	298	0
88	24/09/2015	9:24	West Pit WP08 Extended (Now WE08) Barrett	0.39 1.02 0.56 1.07	95.6 88.8 97.7 101.7	Ernst Residence Mines Rescue Retreat Wright Residence	6.8	164	0
OCTOBER	Data published - 5 November 2015								
89	1/10/2015	11:00	West Pit WS11 L15	0.07 0.1 0.07 0.28	88 93.9 94.7 100.2	Ernst Residence Mines Rescue Retreat Wright Residence	1.5	294	0
90	1/10/2015	14:21	West Pit WP09 L17 / 16	0.11 0.14 0.09 0.3	89 94.2 99.2 100.3	Ernst Residence Mines Rescue Retreat Wright Residence	5.3	283	0
91/92	2/10/2015	11:13	West Pit WE08 L13 and WE08 L15	0.18 0.79 0.41 0.82	93.5 91.4 89.5 99	Ernst Residence Mines Rescue Retreat Wright Residence	3.8	87	0
93	2/10/2015	11:27	West Pit WE08 Barrett	0.42 1 0.67 1.29	89.5 87.2 95.6 107	Ernst Residence Mines Rescue Retreat Wright Residence	2.3	92	0
94	2/10/2015	11:28	West Pit WP10 PG29	0.18 0.12 0.17 0.19	88 91.7 96.6 99.4	Ernst Residence Mines Rescue Retreat Wright Residence	2.3	92	0
95	8/10/2015	14:41	West Pit WE08 Hebden Presplit	0.16 0.42 0.15 1.1	103.8 91.9 103.5 88.3	Ernst Residence Mines Rescue Retreat Wright Residence	6.8	111	0
96	9/10/2015	9:15	West Pit WS11 L13	0.03 0.05 0.04 0.12	88.9 89.8 93.1 101.1	Ernst Residence Mines Rescue Retreat Wright Residence	1.0	208	0
97	9/10/2015	11:04	West Pit WP10 PG28	0.08 0.12 0.08 0.3	92.7 89.1 93.8 92.2	Ernst Residence Mines Rescue Retreat Wright Residence	3.5	193	0
98	9/10/2015	14:21	West Pit WS12 Road Shot #3	0.06 0.05 0.04 0.19	93.9 90.1 96.4 95.9	Ernst Residence Mines Rescue Retreat Wright Residence	2.3	349	0
99	14/10/2015	14:25	West Pit WE08 Hebden Presplit	0.13 0.44 0.19 0.68	96.6 77.1 90.8 80.4	Ernst Residence Mines Rescue Retreat Wright Residence	5.5	116	0
100	27/10/2015	11:05	West Pit WP10 PG29	0.13 0.16 0.09 0.35	94.1 87.5 95.5 92.6	Ernst Residence Mines Rescue Retreat Wright Residence	6.3	161	0
101 / 102	30/10/2015	11:00	West Pit WS11 L13 and WS11 Upper Barrett	0.08 0.07 0.03 0.16	91.4 94.8 88.8 99.6	Ernst Residence Mines Rescue Retreat Wright Residence	1.8	79	0
103	30/10/2015	14:28	West Pit WE08 Extended Barrett	0.41 1.26 0.57 1.02	94 85.7 100.9 105.2	Ernst Residence Mines Rescue Retreat Wright Residence	4.0	108	0
NOVEMBER	Data published - 2 December 2015								
104	16/11/2015	11:43	West Pit WS11 Upper Barrett	0.07 0.06 0.03 0.2	95.3 96.8 89.4 99.3	Ernst Residence Mines Rescue Retreat Wright Residence	3.3	137	0
105	16/11/2015	14:29	West Pit WE08 Extended	0.22 0.83 0.51 1.06	89.9 98.2 91.6 97.4	Ernst Residence Mines Rescue Retreat Wright Residence	2.8	135	0
106	24/11/2015	10:46	West Pit WS11 A23	0.06 0.06 0.03 0.17	87.4 95.1 92.6 101.2	Ernst Residence Mines Rescue Retreat Wright Residence	3.0	82	0
107	24/11/2015	14:32	West Pit WP10 PG28	0.18 0.28 0.16 1.04	97.4 96.2 97.4 104.5	Ernst Residence Mines Rescue Retreat Wright Residence	1.8	36	0
108	27/11/2015	11:17	West Pit WP10 PG28	0.09 0.12 0.07 0.46	93.4 87.6 96.6 96.8	Ernst Residence Mines Rescue Retreat Wright Residence	6.8	75	0
DECEMBER	Data published - 12 January 2015								
109	3/12/2015	14:32	West Pit WP09 L15	0.35 0.71 0.31 1.76	107 105.6 98.8 103.4	Ernst Residence Mines Rescue Retreat Wright Residence	6.8	91	0

110	4/12/2015	11:11	West Pit WS11 Lower Barrett	0.08 0.07 0.07 0.18	98.8 84.1 95.1 98.9	Ernst Residence Mines Rescue Retreat Wright Residence	4.0	102	0
111	7/12/2015	14:27	West Pit WE08 L13	0.02 0.11 0.05 0.1	104.6 95.6 94.5 86.8	Ernst Residence Mines Rescue Retreat Wright Residence	8.0	116	0
112	10/12/2015	11:07	West Pit WS11 L20	0.05 0.07 0.03 0.11	93.7 95 91.5 105.2	Ernst Residence Mines Rescue Retreat Wright Residence	2.5	305	0
113	10/12/2015	11:09	West Pit WS11 Lower Barrett	0.08 0.09 0.04 0.32	88.1 94.2 91.2 102.2	Ernst Residence Mines Rescue Retreat Wright Residence	2.5	305	0
114	15/12/2015	14:15	West Pit WS12 ROAD	0.06 0.1 0.04 0.12	88.6 83.8 93.1 94.6	Ernst Residence Mines Rescue Retreat Wright Residence	2.8	129	0
115	17/12/2015	11:15	West Pit WS11 Lemington 32	0.08 0.1 0.04 0.31	93.8 83.2 88.4 99.7	Ernst Residence Mines Rescue Retreat Wright Residence	3.8	106	0
116	17/12/2015	14:27	West Pit WS09 A25	0.05 0.07 0.04 0.16	87.6 83.7 84.9 98.6	Ernst Residence Mines Rescue Retreat Wright Residence	3.5	141	0
117	18/12/2015	14:30	West Pit WS11 PG28	0.06 0.08 0.05 0.34	91.2 90.1 97.5 95.7	Ernst Residence Mines Rescue Retreat Wright Residence	2.8	120	0
118	31/12/2015	14:20	West Pit WP10 PG28	0.2 0.67 0.22 0.8	95.9 105.6 87.2 94.7	Ernst Residence Mines Rescue Retreat Wright Residence	4.0	108	0



Rix's Creek – Blast Monitoring Locations Diagram.