

**BLAST RESULTS 2022**

**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

**Ground Vibration Limit:** Must not exceed 5mm/second for more than 5% of the total number of blasts during each reporting period.  
 Must not exceed 10mm/second.

**Airblast Overpressure Limit: 120dB (Lin Peak)**  
 Must not exceed 115dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period.  
 Must not exceed 120 dB (Lin Peak)



Rix's Blast #	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 - 01/02/2022									
1	14/01/2022	11:12	Camberwell Pit CS01 A25 S11	0.48 0.1 0.07 0.06 0.45 0.05 0.07 0.06	98.5 83 92.4 75.5 92.2 91.4 94.9 81	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	0.5	7	0
2	25/01/2022	11:00	Camberwell Pit DW01 P26 S4	0.42 0.05 0.03 0.02 0.34 0.12 0.06 0.03	98.4 86.9 80.5 77.5 94.8 91.4 87.1 80.7	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	1.5	35	0
3	31/01/2022	11:00	West Pit WS12 RL90 TS1	0.08 0.12 0.1 0.47 0.11 0.05 0.14 0.07	89.1 90.1 92.6 96.2 87.8 82.2 89.3 84.3	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	1.9	235	0
<b>FEBRUARY</b>									
Data published - 01/03/2022									
4	1/02/2022	11:22	Camberwell Pit CS01 A25 S12	1.17 0.26 0.31 0.14 1.49 0.25 0.33 0.18	94.9 86.9 90.2 87.1 88.9 90.8 95 81.8	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	4.8	317	0
5	11/02/2022	10:04	West Pit WF11 L15 S1	0.31 0.48 0.35 0.51 0.34 0.1 0.37 0.18	96.7 90.8 91.1 107.8 91.9 82 87.8 87.3	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	5.8	178	0
6	17/02/2022	11:12	Camberwell Pit DW01 P26 S3b	0.16 0.02 0.02 0.02 0.09 0.09 0.03 0.02	93.5 82.6 87 90.1 88.1 90.4 93.7 99	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	6.1	311	0
<b>MARCH</b>									
Data published - 01/04/2022									
7	4/03/2022	11:36	West Pit WS10 RL30 TS1	0.07 0.11 0.09 0.61 0.09 0.03 0.06 0.08	95.1 93.5 89.6 101 94.5 91.5 84.8 87	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	4.9	160	0
8	8/03/2022	10:30	Camberwell Pit CS01 L21 S6	0.47 0.07 0.12 0.03 0.32 0.06 0.08 0.04	111 85.9 87.8 85.4 106.1 89.7 92.3 83.6	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.9	322	0
9	16/03/2022	14:33	West Pit WS10 L20 S3	0.07 0.31 0.08 0.64 0.12 0.04 0.1 0.08	88 91 78 96.5 86 75.3 83 86	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.9	120	0
10	17/03/2022	14:38	West Pit WS10 A23 S1	0.04 0.1 0.03 0.2 0.03 0.02 0.02 0.03	84.4 89 82.3 94.5 80 77.4 84.1 80	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	2	202	0

**APRIL**

Data published - 02/05/2022

11	5/04/2022	14:30	West Pit WS10 L20 S2	0.08 0.16 0.14 0.69 0.11 0.04 0.1 0.07	82.1 92.3 91.4 98.6 88.3 79.8 90.6 87.5	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	2.2	274	0
12	6/04/2022	11:33	Camberwell Pit CS01 L21 S6 b	0.13 0.02 0.03 0.02 0.18 0.02 0.02 0.02	96.9 78 84.3 72.9 86 85 79 80	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	2.5	128	0
13	11/04/2022	11:04	Camberwell Pit CS01 A25 S13	0.31 0.03 0.08 0.03 0.29 0.05 0.06 0.04	98.3 80 88.3 81.7 90 93 91.9 80	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	5.6	308	0
14	13/04/2022	14:35	West Pit WS10 L16 PS	0.39 1 0.14 1.93 0.32 0.07 0.2 0.19	90.3 90 84 93.1 86 77.3 86.2 84	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	7.1	137	0

**MAY**

Data published - 01/06/2022

15	2/05/2022	14:49	West Pit WS10 L20 S4	0.11 0.13 0.12 0.39 0.09 0.03 0.06 0.1	88.8 72.1 93.2 94.6 69.4 81.1 87 78	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3	107	0
16	9/05/2022	11:00	West Pit WS10 L20 S4b	0.08 0.3 0.14 0.45 0.09 0.03 0.08 0.09	88.5 92.2 89.1 94.2 68.9 81.9 88.3 78	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.6	176	1
17	11/05/2022	11:00	West Pit WE12 L40 S4	0.02 0.03 0.03 0.09 0.1 0.02 0.04 0.03	83.1 83.6 93.3 93.5 69.9 78.7 89.2 81.9	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	7.8	128	0
18	16/05/2022	11:37	Camberwell Pit CS01 L21 S7b	0.11 0.02 0.06 0.03 0.11 0.02 0.04 0.04	98.8 90.9 94.6 85.7 70.9 88 93.5 88	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	5.2	300	0
19	19/05/2022	13:41	West Pit WE12 L38 S1	0.02 0.03 0.03 0.02 0.02 0.02 0.02	90.8 85.3 87.5 93.2 69.2 79 87.4 83	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	1.4	109	0
20	19/05/2022	13:53	West Pit WS10 L19 S1	0.03 0.05 0.04 0.24 0.04 0.02 0.03 0.03	92.7 85.3 94.3 99.4 71.5 83.5 92.8 84	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	2.4	200	0
21	27/05/2022	11:14	Camberwell Pit CS01 L21 S8	0.38 0.03 0.03 0.03 0.18 0.03 0.03 0.03	105.1 94.9 102.6 101.2 98.8 97.5 102.5 90	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	0.5	92	0

**JUNE**

Data published - 01/07/2022

22	9/06/2022	11:14	Camberwell Pit CS01 L20 S2	0.2 0.04 0.03 0.02 0.29 0.04 0.07 0.03	95 89.7 90 100.6 101.6 105.3 88 92	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	8.9	317	0
23	14/06/2022	14:42	Camberwell Pit CS01 L20 S4	0.12 0.04 0.02 0.02 0.18 0.02 0.05 0.03	93 85.4 87.4 85.4 87 87.6 98.2 81.2	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.2	296	0
24	15/06/2022	11:13	West Pit WS10 RL30 TS	0.07 0.11 0.1 0.54 0.11 0.06 0.09 0.07	86.7 96.9 96.2 101.6 89.6 100 91.9 100	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	8.5	304	0
25	17/06/2022	10:56	Camberwell Pit CS01 L20 S1	0.26 0.03 0.03 0.02 0.24 0.04 0.04 0.03	93.4 80 87.6 89 89.4 94.9 91.8 79	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	4.4	323	0
26	20/06/2022	14:41	West Pit WS13 L39 S1	0.03 0.06 0.06 0.08 0.02 0.02 0.02 0.02	87.8 78.8 84.8 89.7 86.8 79.2 85.1 78	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	1.4	107	0
27	28/06/2022	13:10	West Pit WE12 L38 S2	0.03 0.09 0.06 0.24 0.05 0.02 0.05 0.05	88.4 94.6 92.5 93.9 87.6 81.7 89.1 80	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	4.9	187	0
28	28/06/2022	13:26	West Pit WS10 L19 S2 - S3	0.02 0.02 0.03 0.06 0.04 0.02 0.02 0.02	93.2 86 94.7 89.5 90.6 85.5 92.8 81.2	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	5.5	180	0
29	30/06/2022	11:17	Camberwell Pit CS01 L20 S5	0.3 0.04 0.04 0.03 0.35 0.05 0.04 0.04	95.5 82.8 87.7 80.9 88.4 93 90 80	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.1	284	0
30	30/06/2022	14:44	West Pit WE12 L38 S4	0.02 0.02 0.02 0.03 0.02 0.02 0.02 0.02 0.02	85.4 86.3 89.4 101 87.8 79.6 88.7 81	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	1.5	293	0

**JULY**

Data published - 01/08/2022

31	15/07/2022	11:06	West Pit WS10 RL30 TS3	0.07 0.17 0.08 0.83 0.14 0.05 0.09 0.08	84.3 72.7 94.8 102.4 84.9 88.2 88.7 90.8	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	2.2	319	0
32	20/07/2022	11:16	West Pit WS10 L19 S3	0.02 0.05 0.05 0.2 0.02 0.02 0.02 0.02 0.02	88.4 82.7 87.8 92.6 84.4 79.5 86.9 80	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	2.7	137	0
33	22/07/2022	11:07	West Pit WS10 L19 S5	0.02 0.05 0.03 0.18 0.04 0.02 0.02 0.02	85.1 83.1 83.6 87.9 88 78 86 86	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	4.1	121	0

34	25/07/2022	14:25	Camberwell Pit CS01 L20 S5b	0.1 0.01 0.02 0.02 0.07 0.02 0.05 0.03	92.2 79.9 80.2 77.8 87.6 81.2 83.1 80	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	1.2	68	0
35	27/07/2022	14:40	Camberwell Pit CS01 L21 S9 / 10	0.16 0.02 0.04 0.02 0.18 0.02 0.06 0.02	94.5 93.2 94.9 88.1 92.4 104.3 97.2 86	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	6.9	295	0
36	28/07/2022	14:44	West Pit WS10 LB S2	0.01 0.01 0.02 0.04 0.02 0.01 0.02 0.02	81.5 85.8 86.8 95.2 86 81.4 84.9 81	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	4.4	332	0

### AUGUST

Data published - 01/09/2022

37	3/08/2022	11:01	West Pit WS10 L17 S1	0.04 0.09 0.08 0.36 0.05 0.02 0.03 0.04	83.3 96.2 99.4 103.9 82.2 80.6 89 99	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.9	299	0
38	9/08/2022	11:14	West Pit WS10 L17 S2	0.04 0.08 0.06 0.37 0.08 0.02 0.04 0.05	92.8 90.2 95.5 94.1 91.5 84.4 90.4 84	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	5.7	159	0
39	10/08/2022	11:07	Camberwell Pit CS01 L14 S1	0.07 0.03 0.02 0.02 0.04 0.02 0.02 0.02	96.9 99.6 85.1 83.2 88.8 84.9 85.7 88	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	2.9	154	0
40	11/08/2022	14:43	Camberwell Pit CS01 L13 S1	0.22 0.05 0.08 0.03 0.18 0.03 0.07 0.03	93.9 85.6 89.8 85.6 92.7 89.8 90.5 94	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	1.6	87	0
41	19/08/2022	9:13	West Pit WH10 P29 S1	0.15 0.32 0.29 0.36 0.21 0.07 0.25 0.16	82.9 111.5 104.7 100.1 85.8 91.9 104.9 103.5	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.3	291	0
42	23/08/2022	9:45	West Pit WE12 L38 S3	0.02 0.03 0.02 0.05 0.02 0.02 0.02 0.02	96.8 101 108.9 105.3 96.8 93.8 94.2 104.4	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	6.1	303	0
43	24/08/2022	14:40	West Pit WS10 L19 S5 b	0.03 0.04 0.03 0.2 0.02 0.02 0.02 0.02	81.4 88.1 90.9 94.6 88.6 89.1 84 87	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.8	311	0
44	29/08/2022	15:25	Camberwell Pit CS01 L19 S1	0.88 0.16 0.13 0.16 0.94 0.12 0.19 0.16	103.5 83.9 88.6 82.6 95.3 97.9 93.7 82	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	0.8	302	0

**SEPTEMBER**

Data published - 04/10/2022

45	1/09/2022	14:47	Camberwell Pit CS01 L21 S12	0.26 0.04 0.06 0.03 0.27 0.03 0.07 0.03	97.9 85.1 88.4 91 94.2 92.1 95 81	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	5.1	292	0
46	2/09/2022	10:51	Camberwell Pit CS01 L21 S15	0.12 0.11 0.1 0.6 0.12 0.05 0.09 0.07	88.2 88 92.7 101.6 85.3 79.6 86.5 85.8	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	0.4	267	0
47	2/09/2022	11:47	West Pit WS10 L15 S1	0.28 0.55 0.23 0.92 0.2 0.06 0.26 0.19	89.5 102.5 101.8 106.7 87.5 82.4 94.6 105.5	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.3	314	0
48	7/09/2022	14:55	West Pit WS10 RL15 TS1	0.06 0.11 0.07 0.52 0.07 0.05 0.04 0.05	88.4 86.9 87.4 96.8 85.8 89.9 80 80	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	5.3	125	0
49	7/09/2022	15:14	West Pit WS10 L15 S2	0.21 0.23 0.14 0.95 0.22 0.06 0.15 0.11	97.4 92.1 97.7 110.1 96.6 80.8 90.4 85.5	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	4	141	0
50	9/09/2022	11:02	Camberwell Pit CS01 L20 S8	0.07 0.02 0.01 0.01 0.05 0.01 0.01 0.02	99 94.1 91.3 90.5 92.3 86.3 90.7 97	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	4.8	291	0
51	9/09/2022	14:45	Camberwell Pit CS01 L20 S9	0.04 0.02 0.02 0.02 0.03 0.01 0.02 0.02	95.4 95 96.6 91.5 84.9 94.3 92.5 95	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	5.8	329	0
52	14/09/2022	11:08	West Pit WH10 L30 S1	0.03 0.08 0.07 0.09 0.05 0.02 0.06 0.03	96.9 86.7 90.8 96.2 93.3 79.7 88.6 82	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	2.1	91	0
53	14/09/2022	11:14	West Pit WS10 L17 S4	0.05 0.06 0.06 0.2 0.05 0.02 0.05 0.03	82.3 85.5 84.7 93.3 83.3 77 84.9 78	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.4	140	0
54	15/09/2022	10:51	Camberwell Pit CS01 L20 S6	0.54 0.13 0.1 0.16 0.86 0.06 0.17 0.35	100.2 82.3 91.3 82.9 89.1 84.7 92.7 90.6	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	0.6	110	0
55	15/09/2022	10:52	Camberwell Pit CS01 L19 PS1	0.54 0.13 0.1 0.16 0.86 0.06 0.17 0.35	100.2 82.3 91.3 82.9 89.1 84.7 92.7 90.6	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	0.6	110	0
56	15/09/2022	13:27	West Pit WS10 RL15 TS2	0.12 0.11 0.1 0.6 0.12 0.05 0.09 0.07	88.2 88 92.7 101.6 85.3 79.6 86.5 85.8	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.6	144	0

**OCTOBER**

Data published - 03/11/2022

57	4/10/2022	14:51	Camberwell Pit DW01 A23 S9	0.14 0.03 0.02 0.02 0.21 0.08 0.06 0.03	95.4 75.8 79.5 75.4 91.5 85.9 89.7 76	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	0.3	189	0
58	5/10/2022	11:04	West Pit WH10 L32 S1	0.08 0.15 0.13 0.21 0.13 0.05 0.11 0.06	94.2 86.2 90.9 104.5 95.4 87.7 88.4 83	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	4.3	126	0
59	5/10/2022	11:05	West Pit WE12 L38 S5	0.08 0.15 0.13 0.21 0.13 0.05 0.11 0.06	94.2 86.2 90.9 104.5 95.4 87.7 88.4 83	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.9	122	0
60	12/10/2022	10:58	Camberwell Pit DW01 A23 11	0.28 0.03 0.03 0.02 0.34 0.19 0.06 0.02	97.8 79 93.6 81 92.8 87.1 85 78	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	4.4	85	0
61	13/10/2022	14:48	West Pit WS10 RL1 S3	0.04 0.06 0.04 0.22 0.05 0.02 0.05 0.04	85.5 84.8 82.4 90.2 84.4 73 83.3 78.7	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	5.9	129	0
62	14/10/2022	12:32	Camberwell Pit CS01 L19 S2	2.08 0.38 0.42 0.26 1.81 0.3 0.37 0.5	96.8 92.2 107.1 82 92.8 104.3 82.2 91	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	9.2	289	0
63	17/10/2022	11:07	West Pit WS10 L17 S3b	0.05 0.08 0.04 0.31 0.1 0.02 0.06 0.03	86 78.5 83.7 90.2 88 79.6 84.6 80	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	6.9	145	0
64	20/10/2022	11:04	West Pit WS12 RL90 TS2	0.16 0.12 0.08 0.5 0.15 0.05 0.09 0.07	92.8 86.1 92.5 104.9 91.5 81.4 86.7 81.6	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.7	155	0
65	28/10/2022	11:10	Camberwell Pit DW01 A22 S1	0.05 0.03 0.02 0.02 0.09 0.06 0.05 0.03	94 99.6 103.7 100.9 89 98 94 96	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	8.5	305	0
66	31/10/2022	9:14	West Pit WS10 L17 S3 & S4	0.04 0.1 0.08 0.37 0.05 0.02 0.07 0.04	82.5 100.7 108.5 96.5 85.9 83.2 99.5 105.3	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	4.1	323	1

**NOVEMBER**

Data published - 09/12/2022

67	3/11/2022	11:14	Camberwell Pit CS01 L19 S3	1.13 0.47 0.2 0.26 1.12 0.13 0.25 0.43	101.7 89.4 96.6 86.6 95.8 101.6 98.8 88.5	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	6.9	318	1
68	4/11/2022	10:45	West Pit WS10 RL30 TS4	0.05 0.07 0.06 0.31 0.09 0.04 0.09 0.05	84.6 85.4 94.5 97.1 87.6 88.6 87.8 86.2	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	6.7	137	0

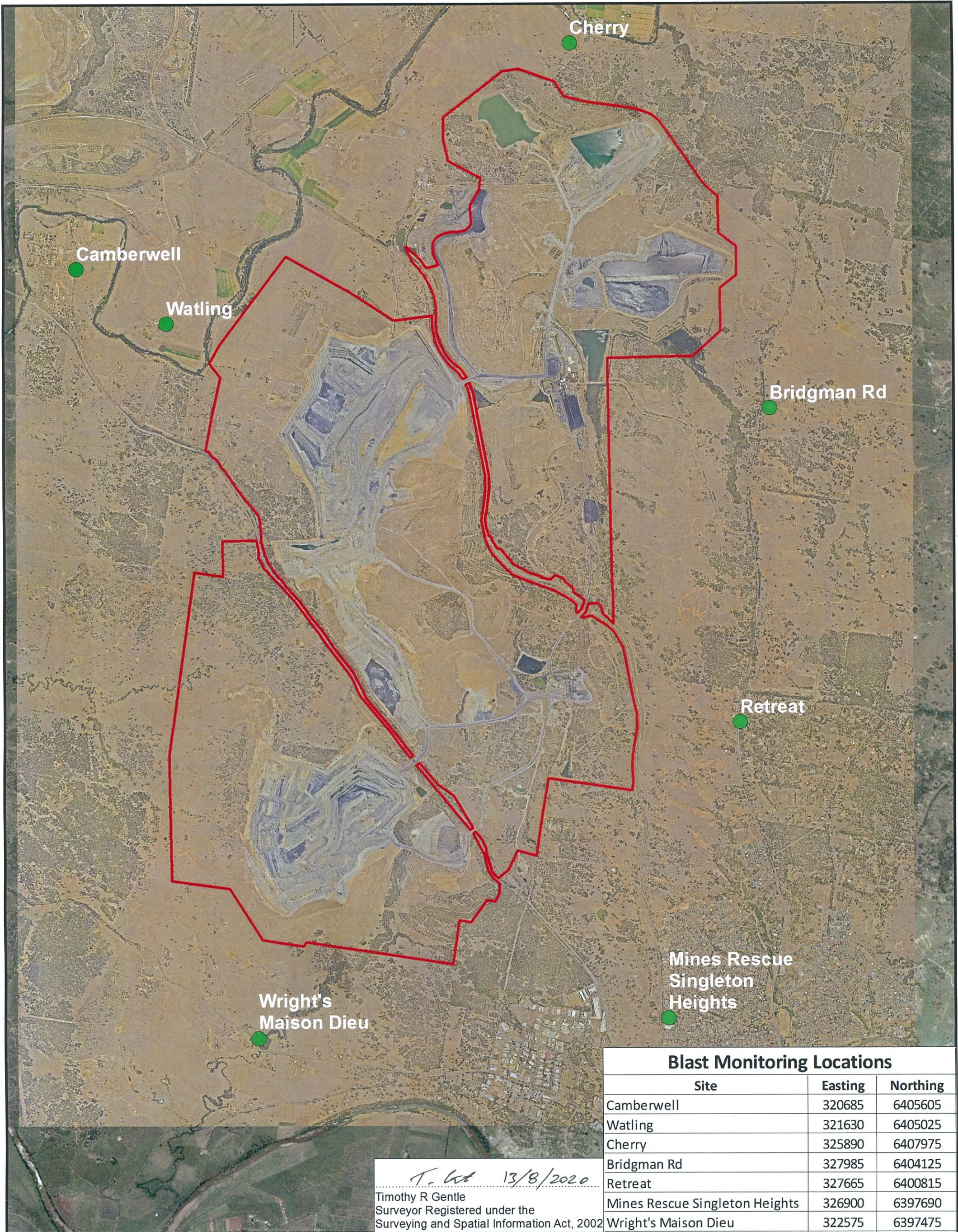
69	7/11/2022	14:36	West Pit WS10 L19 S7	0.04 0.02 0.02 0.26 0.03 0.02 0.02 0.02	83.8 91.9 100.7 95.6 87.7 78.1 85.8 84.8	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	2.5	91	0
70	9/11/2022	11:00	West Pit WE12 L34 S1	0.27 0.33 0.2 1.74 0.42 0.07 0.15 0.2	94.8 89.9 91.3 104.5 91.5 83.9 88.5 88.5	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	2.6	141	0
71	10/11/2022	14:30	West Pit WS10 L15 PS1	0.37 0.29 0.12 2.15 0.27 0.1 0.15 0.2	90.2 85.4 90 94.2 89.2 76.5 82.7 85.4	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	6.9	143	0
72	14/11/2022	10:50	Camberwell Pit DW01 A23 S13	0.26 0.02 0.03 0.02 0.2 0.1 0.1 0.03	97.4 85.6 87 95.9 96.5 108.1 98.1 98.7	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	8.6	290	0
73	15/11/2022	11:06	Camberwell Pit DW01 A23 S8	0.35 0.04 0.09 0.04 0.29 0.21 0.46 0.05	95.5 94.6 103.6 88.9 90.7 103.4 96.6 90.1	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	5	312	0
74	16/11/2022	13:19	West Pit WS10 L17 S6	0.08 0.11 0.06 0.47 0.22 0.03 0.09 0.08	88 98.6 99.1 103.3 88.4 103.4 91.9 95.3	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	6.2	273	0
75	22/11/2022	14:54	Camberwell Pit CS01 L19 S4	1.02 0.21 0.2 0.13 0.76 0.15 0.26 0.21	104.8 88 97.1 91.4 99.8 97.3 98.3 96	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	6.1	304	0
76	28/11/2022	11:09	West Pit WS10 L15 S3 and S4	0.19 0.31 0.19 0.89 0.3 0.07 0.2 0.15	91.2 89.6 90 98.4 86.6 79.4 87.8 88.1	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	2.6	112	0
77	30/11/2022	11:04	West Pit WH10 P29 S2	0.11 0.31 0.18 0.2 0.12 0.06 0.13 0.11	92.1 87.6 98.5 101.5 90.7 87 87.6 84.8	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	5.3	76	0
78	30/11/2022	11:10	West Pit WE12 L38 S6	0.2 0.03 0.02 0.03 0.03 0.01 0.1 0.04	95 81.4 81.6 94.1 90.2 88.8 89.2 85.6	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	6.6	98	0

**DECEMBER**

Data published - 09/01/2023

79	5/12/2022	11:06	Camberwell Pit DW01 A2 PS4	1.33 0.08 0.04 0.06 1.26 0.15 0.13 0.14	104.4 93.6 92 89.7 95.4 101.1 94.1 95.6	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	7.2	304	0
80	9/12/2022	11:01	West Pit WS10 L15 S5	0.16 0.32 0.12 1.06 0.22 0.06 0.12 0.13	92.6 96 92.5 104.4 87.7 78.6 84 89.1	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.4	71	0
81	13/12/2022	11:06	Camberwell Pit CS01 L19 S4 b	1.5 0.21 0.19 0.13 1.57 0.12 0.18 0.17	97.1 87.9 93 86.4 93.8 93 95.4 91.7	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	7.9	289	0
82	15/12/2022	10:50	West Pit WS10 L15 PS3	0.16 0.2 0.11 0.81 0.2 0.06 0.13 0.1	86.2 95 90 88.8 85.9 95 87 87.7	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.8	288	0
83	16/12/2022	11:04	West Pit WE12 L32 S2	0.11 0.09 0.1 0.43 0.11 0.06 0.07 0.07	94 89.7 92.1 94 91.2 79.7 90.5 84.9	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	4.9	115	0
84	16/12/2022	11:10	West Pit WS10 L15 S6	0.16 0.24 0.11 0.75 0.21 0.05 0.17 0.15	89.7 80.2 88.6 95.4 87.5 86.5 87 83.8	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	3.9	138	0
85	21/12/2022	11:07	West Pit WH10 P28 S2	0.13 0.14 0.25 0.26 0.2 0.05 0.15 0.13	93 93.7 94.1 103.7 91 87 92.1 91.4	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	1.4	134	0
86	21/12/2022	11:15	West Pit WS10 L15 S7	0.11 0.18 0.11 0.55 0.13 0.04 0.13 0.05	86.5 90.8 92.3 106.1 88.9 80.2 87.4 88.1	Watling Residence Mines Rescue Retreat Wright Residence Camberwell Cherry Residence Bridgman Rd Civic	2.5	142	0





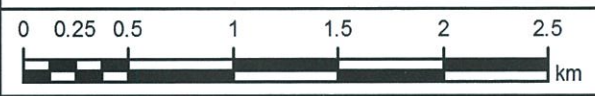
Blast Monitoring Locations		
Site	Easting	Northing
Camberwell	320685	6405605
Watling	321630	6405025
Cherry	325890	6407975
Bridgman Rd	327985	6404125
Retreat	327665	6400815
Mines Rescue Singleton Heights	326900	6397690
Wright's Maison Dieu	322575	6397475

*T. R. Gentle* 13/8/2020  
 Timothy R Gentle  
 Surveyor Registered under the  
 Surveying and Spatial Information Act, 2002



Legend	
<span style="color: green;">●</span>	Blast Monitor Locations
<span style="color: red;">—</span>	EPL PREMISES BOUNDARY

**BLAST MONITORING SITES - EPL3391**



Author: TRG  
 Scale: 1:35,000  
 Date: 13/08/2020  
 File: Blast sites EPL 2008