

BLAST RESULTS 2019



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: 10 mm/s
Airblast Overpressure Limit: 120 dB (Lin Peak)

Rix's Blast # 2019	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 - 4 February 2019									
1	9/01/2018	14:30	Camberwell Pit CS01 P27 S1	0.15 0.17 0.01 0.03	101.2 94.6 91.4 87.4	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.3	272	0
2	15/01/2019	11:01	Camberwell Pit CM06 HB7 S5	1.33 1.64 0.2 0.22	102.7 94.1 93.2 87.2	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	2.5	337	1
3	16/01/2019	11:08	Camberwell Pit CM10 L13 S1	0.18 0.18 0.03 0.03	96.5 90.8 87.1 88.4	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.3	182	0
4	18/01/2019	11:03	Camberwell Pit CS01 PG27 S2	0.14 0.17 0.02 0.01	101.3 94.7 88.6 89	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	2.8	296	0
5	22/01/2019	14:36	West Pit WF09 L15 S1	0.13 0.31 0.34 0.58	85.5 91.4 102.7 100.4	Watling Residence Mines Rescue Retreat Wright Residence	3.8	254	0
6	24/01/2019	10:56	West Pit Ws11 L20 a1	0.03 0.05 0.03 0.14	96.1 84.6 84.3 94.3	Watling Residence Mines Rescue Retreat Wright Residence	4.3	156	0
7	25/01/2019	11:00	Camberwell Pit CM06 H3 S1	0.07 0.08 0.02 0.01	103.6 96.1 87 89.7	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	1.0	20	0
8	29/01/2019	14:29	Camberwell Pit CS01 P27 S2	0.13 0.13 0.02 0.02	101.7 93.2 85 86	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3	232	0
9	31/01/2019	14:31	Camberwell Pit CN06 H3 S2	0.07 0.12 0.03 0.02	94.4 90.4 99.6 89	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	6.5	276	0
FEBRUARY									
Data published - 7 March 2019									
10	1/02/2019	11:00	West Pit WS10 PG29 b	0.03 0.03 0.02 0.17	98.3 82 85.8 94	Watling Residence Mines Rescue Retreat Wright Residence	6	156	0
11	4/02/2019	14:32	Camberwell Pit CN08 LB	0.03 0.03 0.01 0.01	93.3 86 90 88.2	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	1.8	258	0
12	6/02/2019	14:28	West Pit WS10 A25	0.05 0.08 0.06 0.37	93 90 86 100.7	Watling Residence Mines Rescue Retreat Wright Residence	7.8	86	0
13	7/02/2019	11:00	Camberwell Pit CM10 L13	0.38 0.44 0.06 0.06	92.1 84.1 78.2 86.9	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	2.3	83	0
14	11/02/2019	14:33	Camberwell Pit CS01 PG27 S4	0.1 0.07 0.01 0.01	90.2 83.9 91 80	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	4.8	263	0
15	13/02/2019	10:54	West Pit WS09 LB b	0.02 0.06 0.02 0.18	86.2 82.5 85.2 97.5	Watling Residence Mines Rescue Retreat Wright Residence	2.3	131	0
16	18/02/2019	10:59	Camberwell Pit CM06 H5	0.01 0.07 0.01 0.02	87.3 92.8 88.2 89.8	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	1.8	322	0
17	22/02/2019	9:59	West Pit WS10 A25 b	0.06 0.08	95.6 83.8	Watling Residence Mines Rescue	9.8	135	0

				0.05	92	Retreat			
				0.3	96.4	Wright Residence			
18	26/02/2019	10:51	Camberwell Pit CM06 LB	0.06	98.7	Watling Residence	1.8	59	0
				0.12	90.8	Camberwell UHAQMN			
				0.02	92.6	Cherry Residence			
				0.01	85	Bridgman Rd			
MARCH									
Data published - 2 April 2019									
19	4/03/2019	11:27	Camberwell Pit CP07 H7 S1	1.47	99.4	Watling Residence	1.5	353	1
				1.72	92.7	Camberwell UHAQMN			
				0.43	90.9	Cherry Residence			
				0.47	95.6	Bridgman Rd			
20	5/03/2019	11:08	West Pit WS10 PG28	0.09	93.6	Watling Residence	2.8	339	0
				0.03	90.8	Mines Rescue			
				0.07	89.2	Retreat			
				0.09	93.6	Wright Residence			
21	7/03/2019	11:02	West Pit WS10 PG28 S2	0.03	83.7	Watling Residence	7.5	155	0
				0.03	77	Mines Rescue			
				0.02	79.8	Retreat			
				0.1	93.1	Wright Residence			
22	8/03/2019	11:03	Camberwell Pit CS01 PG24 PS	0.21	103.6	Watling Residence	1.5	156	0
				0.14	96.5	Camberwell UHAQMN			
				0.02	89.9	Cherry Residence			
				0.01	88.7	Bridgman Rd			
23	12/03/2019	10:59	Camberwell Pit CP08 H7	0.46	91.7	Watling Residence	6.8	301	0
				0.74	89.2	Camberwell UHAQMN			
				0.11	95	Cherry Residence			
				0.13	100.5	Bridgman Rd			
24	15/03/2019	11:01	West Pit WS10 L19	0.09	89.3	Watling Residence	5.8	160	0
				0.21	90.1	Mines Rescue			
				0.13	93.7	Retreat			
				0.8	92	Wright Residence			
25	15/03/2019	11:03	West Pit Pre-Split (WS10 L19)	0.03	90.9	Watling Residence	5.8	160	0
				0.04	89.6	Mines Rescue			
				0.04	92.5	Retreat			
				0.11	91.3	Wright Residence			
26	26/03/2019	14:32	Camberwell Pit CP08 H7 S3	1.25	95.9	Watling Residence	5.8	317	0
				1.87	89.2	Camberwell UHAQMN			
				0.24	97.4	Cherry Residence			
				0.38	91.4	Bridgman Rd			
APRIL									
Data published - 14 May 2019									
27	5/04/2019	11:18	West Pit WS10 AS23	0.05	96.6	Watling Residence	5.5	177	0
				0.11	96.3	Mines Rescue			
				0.03	94.9	Retreat			
				0.29	96	Wright Residence			
28	8/04/2019	11:10	Camberwell Pit CS01 PG26 S1	1.58	101.4	Watling Residence	5.8	296	0
				1.87	93.5	Camberwell UHAQMN			
				0.15	97.2	Cherry Residence			
				0.35	100	Bridgman Rd			
29	10/04/2019	14:28	West Pit WE10 UB c	0.22	90.6	Watling Residence	6.3	107	0
				0.6	87.5	Mines Rescue			
				0.33	88	Retreat			
				2.88	101.4	Wright Residence			
30	12/04/2019	11:03	West Pit WS12 L15 b	0.03	92.5	Watling Residence	1.5	131	0
				0.06	84.2	Mines Rescue			
				0.06	84	Retreat			
				0.16	99.9	Wright Residence			
31	16/04/2019	11:05	West Pit WS11 L15 d	0.03	91.9	Watling Residence	4	146	0
				0.1	83.2	Mines Rescue			
				0.04	80	Retreat			
				0.17	101.1	Wright Residence			
32	30/04/2019	14:40	Camberwell Pit CS01 PG26 S1 b	0.11	107.2	Watling Residence	0.5	299	0
				0.24	101.6	Camberwell UHAQMN			
				0.02	78.6	Cherry Residence			
				0.08	88.9	Bridgman Rd			
MAY									
Data published - 6 June 2019									
33	3/05/2019	10:44	Camberwell Pit CS01 PG26 S1-X	0.1	92.7	Watling Residence	4.8	326	0
				0.14	96.1	Camberwell UHAQMN			
				0.31	101.3	Cherry Residence			
				0.09	99.3	Bridgman Rd			
34	7/05/2019	14:28	Camberwell Pit CN06 H5 2	0.1	96.5	Watling Residence	9.3	293	0
				0.1	89.7	Camberwell UHAQMN			
				0.06	106.6	Cherry Residence			
				0.07	90.4	Bridgman Rd			
35	9/05/2019	14:29	West Pit WE10 UB	0.18	94.5	Watling Residence	2.8	305	0
				0.35	116.3	Mines Rescue			
				0.41	113.3	Retreat			
				1.27	109.4	Wright Residence			
36	10/05/2019	11:44	Camberwell Pit CP06 H5	0.06	91.8	Watling Residence	4.3	282	0
				0.07	87.3	Camberwell UHAQMN			
				0.04	93.5	Cherry Residence			
				0.06	92.5	Bridgman Rd			
37	14/05/2019	11:15	Camberwell Pit CS01 PG26 S3	0.85	106.6	Watling Residence	4.8	284	0
				1.15	99.4	Camberwell UHAQMN			

				0.14	93.8	Cherry Residence			
				0.26	97.5	Bridgman Rd			
38	15/05/2019	14:32	West Pit WS10 L20 2	0.04	92	Watling Residence	5	95	0
				0.05	80	Mines Rescue			
				0.03	80	Retreat			
				0.17	99.1	Wright Residence			
39	21/05/2019	11:07	Camberwell Pit CS01 PG26 S5	1.86	98.1	Watling Residence	6	309	0
				1.3	92.7	Camberwell UHAQMN			
				0.11	97.4	Cherry Residence			
				0.13	94.2	Bridgman Rd			
40	22/05/2019	14:31	West Pit WE11 HB PS	0.09	84.2	Watling Residence	2.5	326	0
				0.1	84.8	Mines Rescue			
				0.09	84.2	Retreat			
				0.34	96.1	Wright Residence			
41	23/05/2019	14:32	West Pit WS12 UB	0.04	90.1	Watling Residence	0.5	18	0
				0.05	84.8	Mines Rescue			
				0.02	88.9	Retreat			
				0.13	97.7	Wright Residence			
42	24/05/2019	11:05	Camberwell Pit CS01 PG26 S4	0.97	99.4	Watling Residence	5.3	303	0
				1.31	91	Camberwell UHAQMN			
				0.16	90.9	Cherry Residence			
				0.24	94	Bridgman Rd			

JUNE

Data published - 5 July 2019

43	3/06/2019	10:42	West Pit WS09 L20 PS	0.04	85.1	Watling Residence	7.3	281	0
				0.06	87.2	Mines Rescue			
				0.03	93	Retreat			
				0.35	101.2	Wright Residence			
44	3/06/2019	11:11	Camberwell Pit CP09 LB S2	0.04	95.1	Watling Residence	7.8	277	0
				0.08	89.4	Camberwell UHAQMN			
				0.02	86.4	Cherry Residence			
				0.04	88.2	Bridgman Rd			
45	3/06/2019	14:31	West Pit WS10 L19 PS	0.03	89.4	Watling Residence	9.5	297	0
				0.03	92.2	Mines Rescue			
				0.02	97	Retreat			
				0.12	100.3	Wright Residence			
46	5/06/2019	14:38	West Pit WE11 UB	0.18	86.6	Watling Residence	4.5	150	0
				0.41	89.6	Mines Rescue			
				0.35	92.4	Retreat			
				1.55	99.3	Wright Residence			
47	6/06/2019	11:06	Camberwell Pit CP09 LB	0.13	97.7	Watling Residence	6.0	312	0
				0.27	93.4	Camberwell UHAQMN			
				0.04	97.4	Cherry Residence			
				0.05	91.3	Bridgman Rd			
48	11/06/2019	11:08	West Pit WE10 HB PS	0.17	88	Watling Residence	7.0	303	0
				0.35	95	Mines Rescue			
				0.37	92.9	Retreat			
				0.45	100.5	Wright Residence			
49	11/06/2019	14:36	West Pit WS11 LB E	0.04	84.2	Watling Residence	2.5	256	0
				0.06	86.9	Mines Rescue			
				0.03	89.5	Retreat			
				0.25	99.4	Wright Residence			
50	14/06/2019	11:04	Camberwell Pit DW01	0.07	108	Watling Residence	2.8	278	0
				0.11	94.8	Camberwell UHAQMN			
				0.04	94	Cherry Residence			
				0.03	93	Bridgman Rd			
51	17/06/2019	11:04	Camberwell Pit CP09 LB S5	0.19	92.4	Watling Residence	4.8	192	0
				0.15	87.1	Camberwell UHAQMN			
				0.04	87.1	Cherry Residence			
				0.05	86.9	Bridgman Rd			
52	20/06/2019	11:11	West Pit WS10 L17	0.03	88.4	Watling Residence	1.0	142	0
				0.15	82.8	Mines Rescue			
				0.03	88.7	Retreat			
				0.15	101	Wright Residence			
53	20/06/2019	14:30	West Pit WS12 LB	0.03	88.1	Watling Residence	3.0	103	0
				0.14	99.4	Mines Rescue			
				0.04	87.3	Retreat			
				0.16	98.5	Wright Residence			
54	26/06/2019	14:30	West Pit WS12 PG28	0.05	100.4	Watling Residence	5.3	79	0
				0.05	84	Mines Rescue			
				0.05	86	Retreat			
				0.32	96.7	Wright Residence			

JULY

Data published - 7 August 2019

55	1/07/2019	14:33	West Pit WS12 A25	0.03	86.9	Watling Residence	1.0	61	0
				0.05	82.9	Mines Rescue			
				0.03	90.7	Retreat			
				0.19	97.6	Wright Residence			
56	9/07/2019	14:32	Camberwell Pit DW01 PG26 S1	0.49	93.5	Watling Residence	6.8	310	0
				0.56	86.9	Camberwell UHAQMN			
				0.32	92.7	Cherry Residence			
				0.13	104.3	Bridgman Rd			
57	10/07/2019	14:31	Camberwell Pit CP09 LB S6	0.19	94.5	Watling Residence	9.0	285	0
				0.25	82.9	Camberwell UHAQMN			
				0.04	102	Cherry Residence			
				0.05	88	Bridgman Rd			

58	16/07/2019	14:32	Camberwell Pit CP09 LB S6 b	0.46 0.82 0.1 0.11	88 83.7 98 98	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	8.5	307	0
59	17/07/2019	12:08	Camberwell Pit CN06 H5 S4	0.09 0.07 0.02 0.02	92.3 87.9 99 93	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	7.8	312	0
60	18/07/2019	14:39	Camberwell Pit DW01 Level Shot	0.48 0.36 0.14 0.09	96.4 92.6 97 95	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	9.0	309	0
61	22/07/2019	14:32	West Pit WS10 L15	0.03 0.05 0.04 0.18	89.3 90.7 89.2 101.5	Watling Residence Mines Rescue Retreat Wright Residence	1.0	338	0
62	24/07/2019	11:11	Camberwell Pit CP06 H5 S1	0.1 0.1 0.03 0.02	103.6 95.1 105 99	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	9.0	298	0
63	25/07/2019	9:43	Camberwell Pit CP09 LB S1	0.05 0.06 0.01 0.01	86.5 83.6 77.8 76	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	1.0	276	0
64	25/07/2019	12:51	West Pit WP09 H7 S1	0.05 0.19 0.1 0.7	81.8 89.3 87 94.8	Watling Residence Mines Rescue Retreat Wright Residence	1.8	32	0
65	25/07/2019	13:19	West Pit WE11 UB b	0.18 0.38 0.2 0.7	86.7 90.1 93.1 101	Watling Residence Mines Rescue Retreat Wright Residence	1.8	46	0

AUGUST

Data published - 2 September 2019

66	1/08/2019	14:33	West Pit WS11 L20	0.06 0.05 0.04 0.28	93.5 86.3 89 97.4	Watling Residence Mines Rescue Retreat Wright Residence	1.3	25	0
67	6/08/2019	10:58	Camberwell Pit CP09 LB S7	0.11 0.11 0.02 0.03	102.7 97.2 99.9 99	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	7.3	312	0
68	13/08/2019	11:14	Camberwell Pit DW01 LEVEL S3	0.49 0.62 0.21 0.08	101.9 93.6 95 94	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	5.3	316	0
69	17/08/2019	11:26	West Pit WS10 TS S1	0.1 0.17 0.07 0.46	92.1 86.1 89.5 101.9	Watling Residence Mines Rescue Retreat Wright Residence	3.3	142	0
70	17/08/2019	13:49	West Pit WP10 H7 S2	0.08 0.31 0.24 0.46	88.3 90.3 98.5 93.8	Watling Residence Mines Rescue Retreat Wright Residence	2.8	129	0
71	23/08/2019	10:58	West Pit WS10 L15 2	0.05 0.06 0.04 0.3	90.2 88.6 89.7 102.2	Watling Residence Mines Rescue Retreat Wright Residence	1.3	233	0
72	27/08/2019	11:09	West Pit WS11 P28 2	0.02 0.04 0.02 0.11	87.7 81 87.6 91.6	Watling Residence Mines Rescue Retreat Wright Residence	2.8	122	0
73	27/0/2019	14:33	West Pit WP10 H7 S2 2	0.04 0.15 0.13 0.75	85.1 83 90 92.3	Watling Residence Mines Rescue Retreat Wright Residence	3.0	136	0
74	28/08/2019	14:29	Camberwell Pit DW01 Level Shot S4	0.32 0.35 0.17	100.9 94.1 90.8	Watling Residence Camberwell UHAQMN Cherry Residence	7.8	281	0

SEPTEMBER

Data published - 1 October 2019

75	2/09/2019	15:19	West Pit WS10 A25 S1	0.14 0.16 0.11 0.57	90.4 95.2 94.7 106.3	Watling Residence Mines Rescue Retreat Wright Residence	2.5	190	0
76	3/09/2019	12:16	Camberwell Pit DW01 RL79 S1	0.18 0.14 0.08 0.02	95.6 89.3 88.2 90	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	4.3	320	0
77	5/09/2019	14:34	West Pit WS11 TS S1	0.06 0.08 0.04 0.38	91.1 85.4 87.6 102.7	Watling Residence Mines Rescue Retreat Wright Residence	2.3	47	0
78	11/09/2019	10:23	Camberwell Pit DW01 PS	0.73 0.73 0.21	104.1 98.3 84.8	Watling Residence Camberwell UHAQMN Cherry Residence	1.5	340	0

				0.19	92	Bridgman Rd			
79	11/09/2019	11:18	West Pit WP10 HEB S4	0.03 0.15 0.14 0.24	83.7 85.5 88.8 95.1	Watling Residence Mines Rescue Retreat Wright Residence	1.8	152	0
80	19/09/2019	11:35	West Pit WS12 A23	0.06 0.03 0.03 0.09	86.1 82.9 83.1 99.1	Watling Residence Mines Rescue Retreat Wright Residence	3.5	72	0
81	24/09/2019	14:53	Camberwell Pit DW01 RL69 S1	0.37 0.47 0.23 0.07	97.3 91.8 89.4 91.3	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	1.5	353	0
82	26/09/2019	14:44	Camberwell Pit CM10 LB S1	0.35 0.34 0.06 0.07	98.5 93 87 93.6	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	2.3	333	0
83	27/09/2019	11:09	Camberwell Pit DW01 P26 S2	0.37 0.54 0.19 0.13	96.3 89.5 99.7 99	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	9.3	298	0

OCTOBER

Data published - 1 November 2019

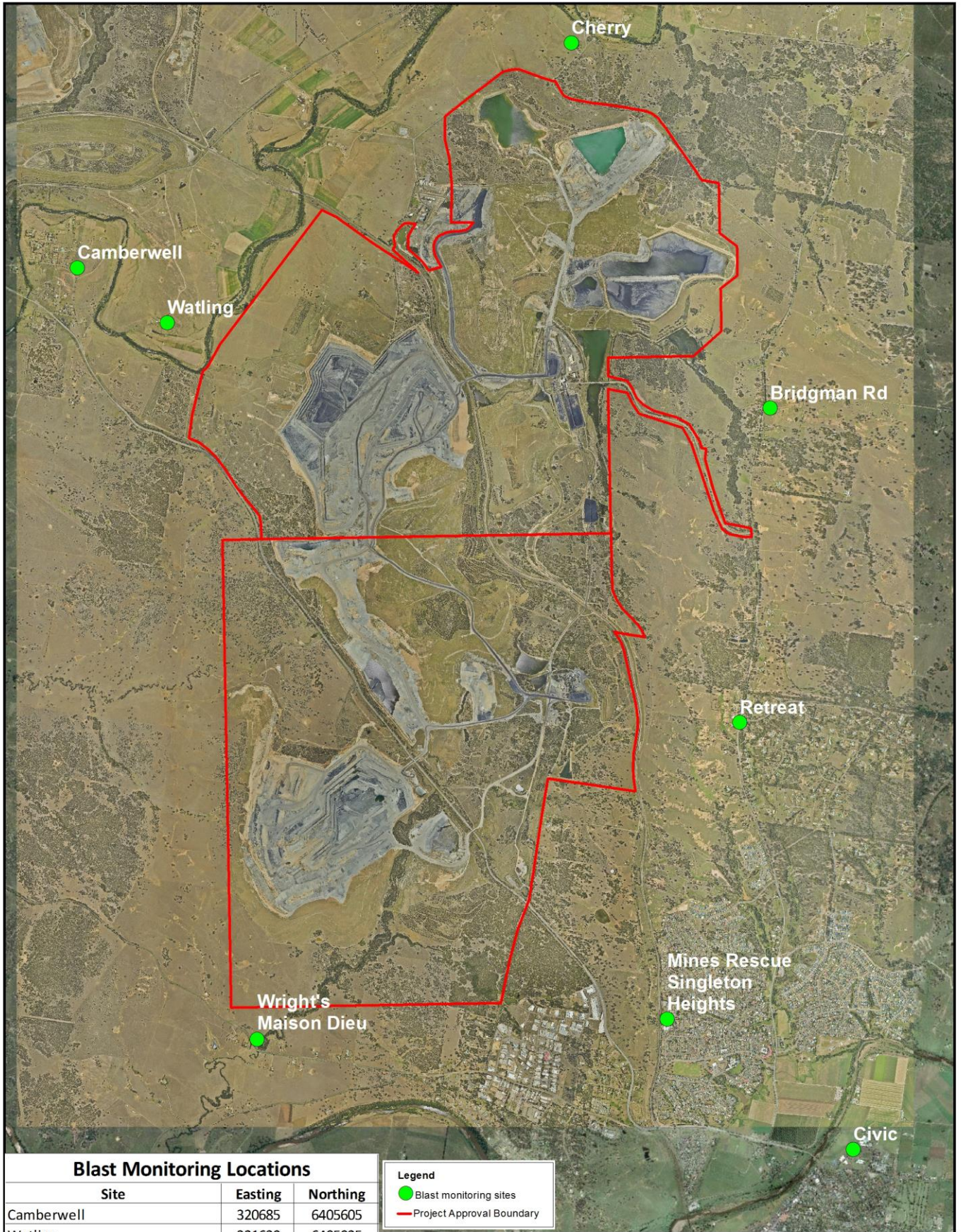
84	1/10/2019	14:37	West Pit WS10 UB	0.02 0.06 0.03 0.23	90.2 85.8 92 95.9	Watling Residence Mines Rescue Retreat Wright Residence	3.8	78	0
85	9/10/2019	14:37	West Pit WS09 UB b	0.03 0.05 0.03 0.18	97.1 84.9 91.7 97.7	Watling Residence Mines Rescue Retreat Wright Residence	3.5	95	0
86	10/10/2019	14:36	West Pit WP11 Heb S5	0.03 0.16 0.1 0.55	89.7 89.8 88 91.7	Watling Residence Mines Rescue Retreat Wright Residence	6.0	81	0
87	11/10/2019	11:28	West Pit WS11	0.06 0.1 0.08 0.47	91.9 89 96.1 102.6	Watling Residence Mines Rescue Retreat Wright Residence	4.8	98	0
88	17/10/2019	10:19	Camberwell Pit DW01 RL69 S2	0.37 0.42 0.17 0.08	96.7 88.2 104.7 94.9	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	7.5	293	0
89	21/10/2019	11:02	West Pit WS09 LB 2	0.02 0.04 0.02 0.21	89.1 82 84.3 97.8	Watling Residence Mines Rescue Retreat Wright Residence	1.5	109	0
90	23/10/2019	11:07	Camberwell Pit DW01 RL69 S1	1.29 1.11 0.2 0.18	103.7 99.9 93.2 95.1	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.8	327	0
91	29/10/2019	11:16	Camberwell Pit CM10 LB S1	1 1.11 0.11 0.19	97.6 90.3 85.1 86.9	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	2.0	102	0

NOVEMBER

Data published - 18 December 2019

92	4/11/2019	11:11	Camberwell Pit DW01 RL69	0.35 0.37 0.17 0.08	94.3 88.8 95.1 96.2	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	5.5	302	0
93	5/11/2019	11:18	West Pit WP11 H7 S6	0.03 0.16 0.06 0.27	82.7 88.7 89.8 91.6	Watling Residence Mines Rescue Retreat Wright Residence	7.8	169	0
94	5/11/2019	14:32	West Pit WS10 TS S3	0.05 0.07 0.07 0.24	90 82.6 98.7 95.8	Watling Residence Mines Rescue Retreat Wright Residence	7.3	103	0
95	6/11/2019	11:09	Camberwell Pit CP09 H7 S1	0.91 1.58 0.17 0.23	95.6 88.8 104.7 102.9	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	10.3	301	0
96	11/11/2019	11:09	Camberwell Pit DW01 RL59	0.38 0.66 0.16 0.07	98.4 90.7 87 88.2	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	4.5	315	0
97	14/11/2019	10:20	Camberwell Pit CP09 H7 S2	1.01 1.69 0.15 0.22	98.3 92.6 87.7 91	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.8	300	0
98	18/11/2019	14:31	Camberwell Pit DW01 RL79	0.17 0.19 0.09 0.04	95.1 89.3 98.7 93	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	5.8	300	0
99	20/11/2019	10:34	West Pit	0.24	101	Watling Residence	4.3	117	0

			WS10 A25 S2	0.3 0.18 0.97	97.6 104.4 112	Mines Rescue Retreat Wright Residence			
100	27/11/2019	11:00	West Pit WS09 RL60 S1	0.06 0.11 0.05 0.4	89.4 90.3 89.1 103	Watling Residence Mines Rescue Retreat Wright Residence	1.5	19	0
DECEMBER									
Data published - 07 January 2020									
101	4/12/2019	9:53	Camberwell Pit DW01 RL59 S2	0.73 0.77 0.4 0.07	97.7 90.4 102 92	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	8.8	312	0
102	7/12/2019	10:24	West Pit WS10 A25 S3	0.07 0.07 0.1 0.32	87 82.7 91.9 99.4	Watling Residence Mines Rescue Retreat Wright Residence	2.3	140	0
103	7/12/2019	10:45	West Pit WS11 RL78	0.07 0.07 0.1 0.32	87 82.7 91.9 99.4	Watling Residence Mines Rescue Retreat Wright Residence	2.0	151	0
104	12/12/2019	14:49	West Pit WS11 L32 S1 c	0.11 0.06 0.04 0.3	95.8 91.2 100.3 109.3	Watling Residence Mines Rescue Retreat Wright Residence	8.8	117	0
105	17/12/2019	11:08	West Pit WS11 L32 S2	0.17 0.35 0.08 0.27	99.4 89.9 101.6 96.1	Watling Residence Mines Rescue Retreat Wright Residence	5.8	110	0
106	20/12/2019	10:04	West Pit WS10 RL75 TS	0.02 0.18 0.06 0.52	79.5 89.9 97.1 95.5	Watling Residence Mines Rescue Retreat Wright Residence	5.3	120	0
107	21/12/2019	9:25	Camberwell Pit DW01 RL59 S3 X	0.57 0.63 0.28 0.21	84.1 92.7 93.3 93.3	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.5	309	1



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
Civic	328860	6396317

Legend

- Blast monitoring sites
- Project Approval Boundary



BLAST MONITORING SITES



RIX'S CREEK

Author: TRG
 Scale: 1:35,000
 Date: 16/05/2019
 File: Blast monitoring sites