

BLAST RESULTS 2020

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)



WE CARE. WE DELIVER.

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
JANUARY									
Data published - 10 February 2020									
1	6/01/2020	14:30	West Pit WF10 P28	0.05 0.1 0.12 0.1	92.2 90 95 89.8	Watling Residence Mines Rescue Retreat Wright Residence	7.3	144	0
2	7/01/2020	11:01	Camberwell Pit CM06 HB7 S5	1.27 2.64 0.02 0.28	100.1 92.4 80.8 96.6	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	1.5	1	0
3	15/01/2020	11:00	Camberwell Pit CP09 H6 S1	0.02 0.01 0.01 0.01	92.8 88.1 83.7 89.9	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	4.5	116	0
4	16/01/2020	11:08	Camberwell Pit DW01 RL59 S4	0.33 0.53 0.15 0.05	95.5 89.9 90 83.9	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	6.8	292	0
5	29/01/2020	14:37	West Pit West Pit A25 S4	0.02 0.14 0.2 0.54	88.3 76.8 87.9 104.9	Watling Residence Mines Rescue Retreat Wright Residence	7.3	105	0
6	31/01/2020	11:03	Camberwell Pit DW01 L30 S1	0.03 0.02 0.02 0.03	99.8 93.4 84.8 85	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.5	305	0
FEBRUARY									
Data published - 17/03/2020									
7	4/02/2020	11:05	West Pit West Pit RL45 S1	0.12 0.02 0.13 0.88	97 85.3 94 100.2	Watling Residence Mines Rescue Retreat Wright Residence	6.5	108	0
8	4/02/2020	14:37	West Pit West Pit WS11 SR S1	0.02 0.02 0.02 0.09	88 89.7 88 87.6	Watling Residence Mines Rescue Retreat Wright Residence	9.8	81	0
9	5/02/2020	11:31	West Pit WS09 L20 b	0.07 0.02 0.09 1.19	85.9 78 87 93.8	Watling Residence Mines Rescue Retreat Wright Residence	6.8	146	0
10	15/02/2020	9:05	Camberwell Pit CS01 P28 S1	0.55 0.51 0.05 0.11	101.5 90.8 94.6 98.2	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	6.8	303	0
11	19/02/2020	9:53	Camberwell Pit DW01 RL59 c	0.52 0.09 0.09 0.02	95.8 89.9 95 96.9	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	9	297	0
12	20/02/2020	14:41	West Pit WS09 L20 S3	0.02 0.07 0.06 0.3	80 86.8 83.6 95	Watling Residence Mines Rescue Retreat Wright Residence	1.6	195	0
13	26/02/2020	11:31	Camberwell Pit CS01 P29 S1	0.07 0.51 0.07 0.08	99.2 95.8 90 101	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	4.3	321	0

MARCH									
Data published - 27/03/2020									
14	3/03/2020	11:00	West Pit WS10 A25 S7	0.29 0.21 0.2 0.59	88 85.9 89 98.5	Watling Residence Mines Rescue Retreat Wright Residence	5.2	147	0
15	11/03/2020	14:35	West Pit WS09 RL45 TS	0.03 0.06 0.04 0.31	93.3 93 98.2 95.9	Watling Residence Mines Rescue Retreat Wright Residence	7.3	116	0
16	20/03/2020	11:17	Camberwell Pit CP11 H7 S1	1.19 1.7 0.23 0.32	95.4 90.2 98 97	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	6.4	327	0
17	24/03/2020	14:34	Camberwell Pit CP09 H6 S2	0.05 0.02 0.01 0.01	101.7 76.6 88.3 84.5	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	4.9	138	0
18	25/03/2020	12:42	Camberwell Pit CS01 P28 S1 b	0.45 0.29 0.06 0.13	96.3 92.7 107 96.1	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	8.6	291	0
APRIL									
Data published - 7/05/2020									
19	3/04/2020	13:36	Camberwell Pit DW01 RL87 RC1	0.26 0.29 0.17 0.13	98.3 92.1 98.4 97.7	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	0.4	278	0
20	7/04/2020	14:52	West Pit WS09 L17 S1	0.03 0.05 0.03 0.28	87.6 78.2 89.4 95.8	Watling Residence Mines Rescue Retreat Wright Residence	5.6	138	0
21	16/04/2020	10:07	Camberwell Pit DW01 P27 S1	0.13 0.09 0.05 0.02	100.2 93.1 101.5 93.4	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	4.4	303	0
22	27/04/2020	14:39	West Pit WS11 RL60 TS S1	0.09 0.14 0.09 0.56	89.7 82 97.5 100.7	Watling Residence Mines Rescue Retreat Wright Residence	4.2	121	0
23	29/04/2020	11:51	Camberwell Pit DW01 RL92 S1	0.24 0.23 0.11 0.05	92.8 87.5 88.7 91.6	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.8	330	0
MAY									
Data published - 01/06/2020									
24	4/05/2020	14:34	West Pit WS09 L15 PS	0.16 0.13 0.12 0.38	100 93.2 100 93.4	Watling Residence Mines Rescue Retreat Wright Residence	0.8	304	0
25	6/05/2020	10:54	Camberwell Pit CM10 H6 Trim1	0.81 1.47 0.12 0.14	103.8 97.6 99.6 110.6	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	2.3	304	1
26	11/05/2020	14:38	West Pit WS11 RL60 TS2	0.09 0.11 0.09 0.42	91.8 80 87 94.8	Watling Residence Mines Rescue Retreat Wright Residence	2.7	164	0
27	12/05/2020	10:47	Camberwell Pit DW01 RL92 S2	0.19 0.19 0.05 0.04	97.4 102.8 94 90.9	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	0.1	299	0
28	13/05/2020	14:32	Camberwell Pit CP10 H5 S2	0.06 0.05 0.02 0.01	94.2 87.9 94 94.8	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	5.3	299	0
29	15/05/2020	13:07	West Pit WS09 L15 S1	0.14 0.32 0.21 1.17	94.5 94.4 102.3 103.6	Watling Residence Mines Rescue Retreat Wright Residence	6.4	169	0
30	20/05/2020	11:24	Camberwell Pit CS01 P29	0.17 0.21 0.03 0.03	92.4 87.5 90 92.7	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	8.1	323	0
31	26/05/2020	14:24	West Pit WS20 L15 S2	0.15 0.2 0.13 0.95	92 92.2 97 97.3	Watling Residence Mines Rescue Retreat Wright Residence	7	190	0

JUNE

Data published - 01/07/2020

32	2/06/2020	10:05	Camberwell Pit CS11 H7 S2	0.39 0.37 0.07 0.08	99.1 93.7 104.7 97.7	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	10.8	313	0
33	4/06/2020	14:31	West Pit WS11 L30 S1	0.02 0.02 0.06 0.1	82.4 82.4 85 91.8	Watling Residence Mines Rescue Retreat Wright Residence	1.1	119	0
34	18/06/2020	14:41	West Pit WS09 RL30 TS1	0.08 0.26 0.07 0.68	86.6 84.6 87 102.2	Watling Residence Mines Rescue Retreat Wright Residence	5.1	120	0
35	18/06/2020	14:48	West Pit WS11 L30 S2	0.02 0.17 0.02 0.09	87.7 94.1 81 94.9	Watling Residence Mines Rescue Retreat Wright Residence	3.9	117.6	0
36	25/06/2020	11:02	Camberwell Pit CP10 H5 S3	0.07 0.03 0.02 0.06	99.2 96.8 108.4 113.7	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	8.6	312	0
37	26/06/2020	14:27	West Pit WS09 L20 S3 - 2	0.04 0.03 0.04 0.13	93.7 83.3 91 100.7	Watling Residence Mines Rescue Retreat Wright Residence	0.6	164	1
38	26/06/2020	14:29	West Pit WS11 L30 S2 - 2	0.07 0.14 0.08 0.76	86.1 88 94.9 99.9	Watling Residence Mines Rescue Retreat Wright Residence	0.6	164	0

JULY

Data published - 04/08/2020

39	1/07/2020	11:01	Camberwell Pit CP11 H6 S4	0.43 0.37 0.08 0.09	104.5 91 94.1 93	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.9	292	0
40	2/07/2020	10:59	Camberwell Pit CS01 P26	0.17 0.16 0.02 0.03	98.4 82 84.6 94.7	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	5.5	306	0
41	20/07/2020	14:35	Camberwell Pit DW01 RL55 S1	0.49 0.47 0.19 0.1	99.7 89.7 94.4 91.6	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.3	325	0
42	23/07/2020	13:57	West Pit WH09 L20	0.5 0.15 0.11 0.14	88 88.1 89 94.5	Watling Residence Mines Rescue Retreat Wright Residence	1.9	58	0
43	23/07/2020	14:05	West Pit WS20 UB	0.12 0.33 0.17 1.84	95.6 92 100.4 101.1	Watling Residence Mines Rescue Retreat Wright Residence	1.7	21	0
44	29/07/2020	13:56	Camberwell Pit CS01 P26 S7	0.14 0.09 0.02 0.02	100.4 90 89 92.1	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	1.7	253	0
45	31/07/2020	14:08	Camberwell Pit CP11 H5 S1	0.11 0.08 0.02 0.02	99.7 94.4 91.7 85.5	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.2	180	0

AUGUST

Data published - 31/08/2020

46	6/08/2020	11:01	Camberwell Pit CP11 H6 S1	0.06 0.08 0.02 0.02	97.3 87 97.5 95	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	4.2	319	0
47	7/08/2020	11:08	West Pit WS10 RL60 TS1	0.13 0.19 0.1 0.71	94 89.1 90 99.7	Watling Residence Mines Rescue Retreat Wright Residence	7.4	167	0
48	14/08/2020	11:29	West Pit WS09 L19 S3	0.03 0.05 0.03 0.26	90.4 89.2 93.4 96.6	Watling Residence Mines Rescue Retreat Wright Residence	2.7	290	0
49	24/08/2020	12:36	Camberwell Pit CS01 P27 S1 b	0.09 0.12 0.02 0.02	97.3 90.1 95 90	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	6.4	329	0
50	25/08/2020	11:14	Camberwell Pit CP11 H5 S3	0.06 0.12 0.01 0.01	100.8 94.2 93.9 91.9	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.3	319	0
51	26/08/2020	11:20	West Pit WS11 P28 S1	0.03 0.04 0.03 0.11	93.9 87 95 98.5	Watling Residence Mines Rescue Retreat Wright Residence	1.5	299	0
52	26/08/2020	14:20	Camberwell Pit CS01 P26 S10	0.02 0.02 0.01 0.02	96.9 86 86.4 86.9	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	1.6	352	0

SEPTEMBER

Data published - 30/09/2020

53	1/09/2020	11:00	West Pit WH09 L20 S2	0.04 0.09 0.11 0.13	91 86.1 84 98.2	Watling Residence Mines Rescue Retreat Wright Residence	3.0	97	0
54	1/09/2020	11:18	West Pit WS09 L15 S3	0.19 0.57 0.13 1.14	98.8 97.6 102.1 111.5	Watling Residence Mines Rescue Retreat Wright Residence	3.6	153	0
55	2/09/2020	10:41	Camberwell Pit CS01 A23 S1	0.7 0.9 0.1 0.11	96.7 88 96.8 101.5	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	4.7	326	1
56	4/09/2020	9:09	Camberwell Pit DW01 RL48 PS	0.95 0.75 0.32 0.11	106.3 98 89.1 99.2	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	4.5	273	0
57	7/09/2020	14:32	West Pit WS11 P28 S2	0.03 0.04 0.02 0.11	86.9 93.4 91.8 92.5	Watling Residence Mines Rescue Retreat Wright Residence	5.4	135	0
58	8/09/2020	14:28	Camberwell Pit DW01 RL48 S1	0.51 0.3 0.21 0.08	95.7 91.1 93.1 96.3	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.4	332	0
59	9/09/2020	10:09	West Pit WS11 P28 S3	0.02 0.03 0.03 0.09	95.1 78.7 90 85.5	Watling Residence Mines Rescue Retreat Wright Residence	3.5	176	0
60	15/09/2020	10:06	West Pit WS09 L19 S4	0.01 0.02 0.01 0.01	82.1 79 82 90.7	Watling Residence Mines Rescue Retreat Wright Residence	3.8	75	0
61	18/09/2020	10:13	West Pit WS21 UB S1	0.15 0.5 0.17 1.77	100.1 97.4 101.2 111.7	Watling Residence Mines Rescue Retreat Wright Residence	5.6	152	0
62	28/09/2020	11:18	West Pit WS10 RL60 TS	0.08 0.09 0.12 0.35	90.2 87 87 104.3	Watling Residence Mines Rescue Retreat Wright Residence	3.7	70	0
63	28/09/2020	11:35	West Pit WS21 UB S2	0.07 0.34 0.15 1.28	90.8 87 93 100	Watling Residence Mines Rescue Retreat Wright Residence	4.0	106	0

OCTOBER

Data published - 04/11/2020

64	2/10/2020	11:19	Camberwell Pit DW01 RL85	0.2 0.18 0.13 0.05	93.9 86 91 97.6	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.3	317	0
65	15/10/2020	14:25	Camberwell Pit CS01 P26 Trim 1	0.1 0.15 0.02 0.03	91.9 89 97.8 88	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	5.2	332	0
66	16/10/2020	10:53	Camberwell Pit CP09 HS S2	0.05 0.04 0.01 0.01	97.7 92 93 93	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	5.4	116	0
67	16/10/2020	11:55	West Pit WS09 L17 S2	0.05 0.12 0.06 0.77	88.2 83.4 97.6 95.2	Watling Residence Mines Rescue Retreat Wright Residence	4.6	109	0
68	20/10/2020	14:25	West Pit WS09 UB S1	0.09 0.36 0.15 1.47	81.5 97 94 97.9	Watling Residence Mines Rescue Retreat Wright Residence	7.4	122	0
69	22/10/2020	14:22	Camberwell Pit CP11 H6 S3	0.06 0.05 0.01 0.01	97.9 92 92.2 86.4	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.2	119	0
70	23/10/2020	13:58	Camberwell Pit CS01 P26 S11	0.91 0.78 0.09 0.13	100.5 94 88.5 87.9	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	1.5	321	0

NOVEMBER

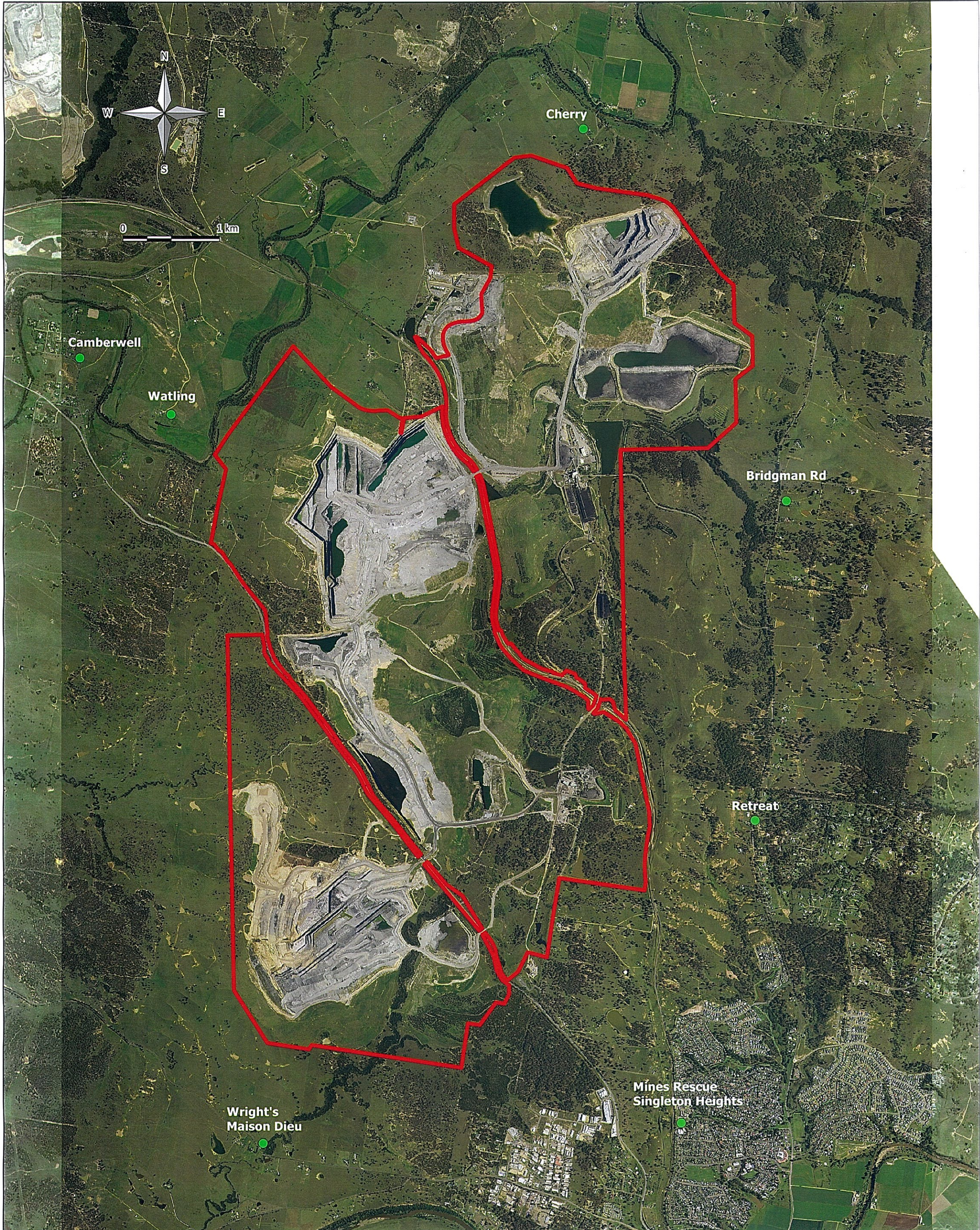
Data published - 30/11/2020

71	4/11/2020	14:15	Camberwell Pit CS01 A25 S1	0.86 0.98 0.13 0.2	98.9 93 87.6 94.7	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	3.9	335	0
72	9/11/2020	10:40	West Pit WS09 UB S2 B	0.08 0.21 0.1 0.86	90.3 93.5 92.7 104.6	Watling Residence Mines Rescue Retreat Wright Residence	2.5	132	0
73	10/11/2020	12:00	West Pit WH09 UB L19 S1	0.02 0.09 0.07 0.1	86.7 86.7 99.1 95	Watling Residence Mines Rescue Retreat Wright Residence	0.9	127	0
74	11/11/2020	12:41	Camberwell Pit CS01 A25 PS2	0.66 0.41 0.02 0.11	91.9 92 90.2 90	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	1.9	323	0
75	16/11/2020	10:30	Camberwell Pit CS01 A25 S2	0.68 0.57 0.12 0.24	99.7 91.6 86.2 91.6	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	2.6	328	0
76	19/11/2020	12:30	West Pit WH09 L20 S3	0.05 0.16 0.13 0.19	87.4 85.8 94 96.1	Watling Residence Mines Rescue Retreat Wright Residence	2.9	114	0
77	20/11/2020	11:05	Camberwell Pit CP10 H6 S2	0.05 0.03 0.01 0.01	92 88.2 86.3 90.1	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	6.2	336	0
78	25/11/2020	14:38	West Pit WS09 L15 S4	0.31 0.81 0.14 1.62	97.8 88 97.3 100.4	Watling Residence Mines Rescue Retreat Wright Residence	4.7	131	0
79	25/11/2020	14:47	West Pit WS11 A25 S1	0.26 0.28 0.21 1.19	89.8 98.7 100.8 97	Watling Residence Mines Rescue Retreat Wright Residence	6.0	129	0
80	26/11/2020	11:12	Camberwell Pit CS01 A25 S2	0.29 0.35 0.08 0.15	93.4 91.5 95.8 94.6	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	5.8	339	0
81	27/11/2020	11:15	West Pit WS09 L15 S5	0.11 0.31 0.08 1.19	88.7 85.8 88 98	Watling Residence Mines Rescue Retreat Wright Residence	5.2	102	0

DECEMBER

Data published - 12/01/2021

82	2/12/2020	10:48	West Pit WF10 L20 S1	0.1 0.24 0.27 0.19	93.9 86.9 100.2 108.2	Watling Residence Mines Rescue Retreat Wright Residence	6.9	120	0
83	7/12/2020	9:23	Camberwell Pit DW01 RL40 S1	0.57 0.46 0.19 0.08	93.7 94.8 98.9 97.1	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	4.9	315	0
84	10/12/2020	14:34	West Pit WS11 A25 S2	0.51 0.45 0.46 1.1	91.8 87.8 100.5 100.9	Watling Residence Mines Rescue Retreat Wright Residence	4.3	198	0
85	17/12/2020	9:42	Camberwell Pit CP10 H5 S4	0.06 0.04 0.01 0.01	94.6 89.6 91.2 90.2	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	2.6	299	0
86	21/12/2020	11:32	West Pit WS11 A25 S3 b	0.21 0.41 0.3 0.86	90.3 88.9 91.1 100.4	Watling Residence Mines Rescue Retreat Wright Residence	1.2	32	0
87	22/12/2020	9:21	Camberwell Pit CS01 A25 P/S	0.47 0.32 0.05 0.08	88.4 86 104 94.7	Watling Residence Camberwell UHAQMN Cherry Residence Bridgman Rd	9.1	312	0



LEGEND	
	EPL 3391 Boundary
	Blast Monitor Locations

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

Rix's Creek P/L- EPL 3391

Blast Monitoring Sites

Timothy R Gentle
 Surveyor Registered under the
 Surveying and Spatial Information Act, 2002

Scale:- 1:35,000

Date: February 2017
Photo: December 2015

Drawing A3
 File:- Integra 4_jhDec16
 Blast Sites EPL Feb17