

Liddell Coal Blast Summary (July 08 -July 09)

Date	Time	Location	Chain of ponds			Burlings			Scrivens		
			Ground Vibration (mm/s)	Over pressure (dBL)	Waveform Capture	Ground Vibration (mm/s)	Over pressure (dBL)	Waveform Capture	Ground Vibration (mm/s)	Over pressure (dBL)	Waveform Capture
3/07/2008	9.42	Entrance	0.35	101.4	Yes	0.10	99.40	Yes	0.07	95.40	Yes
3/07/2008	9.46	Waterfill	0.45	104.4	Yes	0.10	97.90	Yes	0.07	96.40	Yes
4/07/2008	13.04	South Cut	0.97	100.9	Yes	0.13	101.70	Yes	0.07	98.10	yes
8/07/2008	12.31	Waterfill	1.09	110.3	Yes	0.15	91.80	Yes	0.19	98.90	Yes
14/07/2008	12.12	Entrance	0.71	104.4	Yes	0.13	95.40	Yes	0.10	97.30	Yes
14/07/2008	13.11	Southcut	1.17	102.2	Yes	0.18	92.90	Yes	0.15 *	84.7*	Yes
15/07/2008	13.10	Southcut	0.77	101.8	Yes	0.15	95.40	Yes	0.11	100.20	Yes
24/07/2008	13.04	South Cut	1.33	94.9	Yes	0.15	98.90	Yes	0.09	95.40	Yes
28/07/2008	13.08	South Cut	0.73	105.9	Yes	0.20	98.40	Yes	0.07	97.30	Yes
5/08/2008	13.37	Entrance	0.88	104.9	Yes	0.18	95.40	Yes	0.11	97.30	Yes
18/08/2008	12.37	South Cut	0.97	103.4	Yes	0.10	112.10	Yes	0.12	115.70	Yes
18/08/2008	13.16	Entrance	6.18	106.7	Yes	0.29	98.90	Yes	0.50	109.60	Yes
19/08/2008	13.00	Waterfall	0.63	105.9	Yes	0.12	96.10	Yes	0.10	96.40	Yes
22/08/2008	13.06	South Cut	0.56	107.6	Yes	0.10	95.40	Yes	0.06	95.40	Yes
25/08/2008	13.02	Waterfall	1.06	105.6	Yes	0.20	98.40	Yes	0.15	97.30	Yes
28/08/2008	13.04	Entrance	0.56	103.4	Yes	0.10	97.90	Yes	0.06	101.90	Yes
29/08/2008	13.01	South Cut	0.91	105	Yes	0.19	110.60	Yes	0.09	104.50	Yes
2/09/2008	13.04	South Cut	0.78	103	Yes	0.12	96.10	Yes	0.09	91.30	Yes
9/09/2008	13.02	Entrance	0.51	105.9	Yes	0.13	98.40	Yes	0.07	106.30	Yes
11/09/2008	13.04	Entrance	0.35	98.1	Yes	0.13	91.80	Yes	0.06	100.20	Yes
12/09/2008	13.14	Southcut	0.88	107.4	Yes	0.19	96.70	Yes	0.09	98.90	Yes
12/09/2008	13.21	Southcut	0.35	105.3	Yes	0.14	98.90	Yes	0.06	102.90	Yes
18/09/2008	12.58	South Cut	0.82	98.7	Yes	0.30	99.20	yes	0.07	86.40	Yes
19/09/2008	13.04	Entrance	0.83	115	Yes	0.30	112.60	Yes	0.05	107.10	Yes
22/09/2008	12.46	South Cut	0.2	103.7	Yes	0.19	109.80	Yes	0.03	111.10	Yes
26/09/2008	13.26	South Cut	0.77	109	Yes	0.27	101.50	Yes	0.09	99.30	Yes
29/09/2008	12.24	Entrance	0.72	104.7	Yes	0.14	106.00	Yes	0.06	100.60	Yes
30/09/2008	13.26	Southcut	0.63	108.7	Yes	0.23	102.50	Yes	0.09	97.60	Yes
1/10/2008	14:29	Entrance	1.15	101.30	Yes	0.13	103.60	Yes	0.17	100.9	Yes
3/10/2008	13:12	Entrance	0.91	113.00	Yes	0.10	112.70	Yes	0.12	116.4	Yes
7/10/2008	13:01	Waterfall	2.46	119.60	Yes	0.13	107.10	Yes	0.2	99.8	Yes

11/10/2008	10:07	South Cut	1.81	104.10	Yes	0.16	81.20	Yes	0.13	91.9	Yes
14/10/2008	13:16	South Cut	2.29	96.30	Yes	0.30	81.40	Yes	0.15	93.4	Yes
16/10/2008	13:02	South Cut	0.39	91.90	Yes	0.04	91.50	Yes	0.05	96.6	Yes
20/10/2008	12:13	South Cut	1.71	94.40	Yes	0.19	87.10	Yes	0.16	92.7	Yes
21/10/2008	13:06	Waterfall	1.57	103.10	Yes	0.14	93.00	Yes	0.17	99.2	Yes
23/10/2008	16:05	South Cut	1.44	108.30	Yes	0.11	103.90	Yes	0.11	110.4	Yes
28/10/2008	16:05	Entrance	1.49	94.10	Yes	0.08	100.40	Yes	0.13	98.3	Yes
29/10/2008	13:04	South Cut	0.44	101.10	Yes	0.06	98.70	Yes	0.05	110.4	Yes
30/10/2008	13:01	South Cut	0.84	105.10	Yes	0.06	87.50	Yes	0.02	96	Yes
3/11/2008	13:07	Waterfall	2.37	112.50	Yes	0.11	104.60	Yes	0.1	110.2	Yes
5/11/2008	16:06	South Cut	1.06	103.80	Yes	0.14	82.80	Yes	0.11	92	Yes
7/11/2008	13:10	South Cut	1.35	99.90	Yes	0.09	92.20	Yes	0.05	95.8	Yes
10/11/2008	13:08	South Cut	1.51	96.10	Yes	0.23	95.80	Yes	0.09	95.6	Yes
13/11/2008	12:59	Entrance	0.06	86.30	Yes	0.01	91.80	Yes	0.01	94.3	Yes
17/11/2008	13:09	South Cut	1.39	115.20	Yes	0.13	108.60	Yes	0.09	104.6	Yes
17/11/2008	16:10	South Cut	1.79	98.10	Yes	0.09	92.20	Yes	0.06	99.1	Yes
25/11/2008	13:05	South Cut	1.38	107.20	Yes	0.19	105.90	Yes	0.12	114.7	Yes
26/11/2008	13:05	South Cut	0.86	95.30	Yes	0.07	101.90	Yes	0.04	97.3	Yes
28/11/2008	10:12	South Cut	0.89	104.90	Yes	0.11	82.20	Yes	0.05	93.3	Yes
4/12/2008	13:02	South Cut	1.29	102.40	Yes	0.22	98.00	Yes	0.16	108.2	Yes
12/12/2008	13:11	South Cut	1.44	99.80	Yes	0.19	89.90	Yes	0.11	89.6	Yes
16/12/2008	13:10	Entrance	0.19	108.80	Yes	0.03	100.20	Yes	0.04	105.2	Yes
23/12/2008	13:04	South Cut	1.50	106.90	Yes	0.14	82.40	Yes	0.08	93.2	Yes
24/12/2008	9:29	South Cut	1.02	90.90	Yes	0.11	95.50	Yes	0.06	103.4	Yes
29/12/2008	13:03	South Cut	0.16	101.30	Yes	0.02	100.10	Yes	0.01	104.7	Yes
31/12/2008	12:52	Waterfill	0.01	110.00	Yes	0.01	111.20	Yes	0	114.8	Yes
2/1/2009	9:34	South Cut	0.23	99.00	Yes	0.02	90.10	Yes	0.01	92.5	Yes
7/1/2009	16:09	South Cut	1.47	103.40	Yes	0.17	97.60	Yes	0.09	107.3	Yes
8/1/2009	15:26	South Cut	0.93	105.40	Yes	0.12	103.40	Yes	0.04	105.5	Yes
14/1/2009	16:05	South Cut	1.53	95.60	Yes	0.12	92.80	Yes	0.07	88.4	Yes
19/1/2009	12:12	South Cut	0.96	100.90	Yes	0.20	77.50	Yes	0.08	92	Yes
22/1/2009	13:09	South Cut	0.70	109.40	Yes	0.08	100.10	Yes	0.07	108.2	Yes
28/1/2009	13:04	South Cut	0.54	101.10	Yes	0.08	92.10	Yes	0.04	87.3	Yes
30/1/2009	12:57	Water Fill	0.97	103.60	Yes	0.12	81.20	Yes	0.14	89.6	Yes
30/1/2009	12:57	South Cut	1.12	103.90	Yes	0.06	93.10	Yes	0.08	92.5	Yes
3/2/2009	12:04	Water Fill	3.29	102.80	Yes	0.21	98.70	Yes	0.15	96.1	Yes

3/2/2009	12:57	South Cut	0.22	99.90	Yes	0.03	90.70	Yes	0.01	98.8	Yes
5/2/2009	12:44	Entrance	1.19	96.80	Yes	0.14	97.60	Yes	0.17	95.2	Yes
6/2/2009	13:00	South Cut	0.01	100.70	Yes	0.00	85.50	Yes	0	97.3	Yes
9/2/2009	16:06	South Cut	0.19	109.60	Yes	0.02	98.90	Yes	0.04	118.1	Yes
12/2/2009	13:36	South Cut	0.84	101.00	Yes	0.09	105.70	Yes	0.03	111.3	Yes
10/2/2009	12:58	Water Fill	1.11	98.10	Yes	0.07	95.40	Yes	0.12	103.6	Yes
19/2/2009	12:48	South Cut	1.03	110.40	Yes	0.08	91.60	Yes	0.03	101.5	Yes
23/2/2009	12:53	Entrance	0.46	85.90	Yes	0.04	92.90	Yes	0.06	96.2	Yes
26/2/2009	14:28	South Cut	0.42	91.40	Yes	0.06	101.20	Yes	0.03	101	Yes
25/2/2009	13:23	Waterfill	1.18	106.10	Yes	0.13	92.40	Yes	0.1	98.3	Yes
28/2/2009	12:23	South Cut	0.33	123.70	Yes	0.05	103.10	Yes	0.02	106.9	Yes
28/2/2009	12:26	South Cut	1.05	103.80	Yes	0.18	104.90	Yes	0.1	111.4	Yes
3/3/2009	13:20	South Cut	0.25	96.90	Yes	0.05	86.70	Yes	0.03	101	Yes
5/3/2009	16:21	South Cut	0.76	106.80	Yes	0.12	86.30	Yes	0.05	102.6	Yes
5/3/2009	16:11	South Cut	0.35	104.00	Yes	0.04	83.30	Yes	0.02	107.2	Yes
9/3/2009	13:13	Waterfill	0.49	101.80	Yes	0.04	100.50	Yes	0.03	106.8	Yes
9/3/2009	13:09	South Cut	0.17	102.30	Yes	0.03	91.20	Yes	0.02	98.6	Yes
11/3/2009	16:09	South Cut	0.16	101.20	Yes	0.03	100.10	Yes	0.01	102.7	Yes
13/3/2009	13:09	South Cut	0.97	97.30	Yes	0.09	82.20	Yes	0.05	89	Yes
16/3/2009	13:14	Entrance	1.45	102.70	Yes	0.11	95.40	Yes	0.15	101	Yes
16/3/2009	13:18	Waterfil	0.33	105.20	Yes	0.02	98.50	Yes	0.06	111.3	Yes
17/3/2009	13:01	South Cut	1.76	101.40	Yes	0.18	79.00	Yes	0.1	89.6	Yes
18/3/2009	13:05	South Cut	0.24	94.30	Yes	0.03	99.80	Yes	0.02	89.4	Yes
19/3/2009	13:09	South Cut	0.94	106.50	Yes	0.07	87.50	Yes	0.04	99.7	Yes
20/3/2009	13:05	South Cut	0.39	103.30	Yes	0.06	104.60	Yes	0.02	100.3	Yes
23/3/2009	12:10	South Cut	0.29	102.10	Yes	0.04	82.80	Yes	0.02	88.1	Yes
23/3/2009	12:28	South Cut	0.20	97.90	Yes	0.02	77.80	Yes	0.01	86.2	Yes
24/3/2009	13:04	South Cut	1.09	98.50	Yes	0.10	86.40	Yes	0.06	90.2	Yes
25/3/2009	13:10	South Cut	0.41	104.60	Yes	0.07	97.90	Yes	0.03	101.4	Yes
27/3/2009	13:05	South Cut	0.61	107.30	Yes	0.07	100.60	Yes	0.03	111.8	Yes
28/3/2009	11:38	South Cut	0.08	104.80	Yes	0.01	101.80	Yes	0.01	95.2	Yes
28/3/2009	12:18	Entrance	1.15	102.90	Yes	0.10	96.70	Yes	0.07	103.8	Yes
30/3/2009	13:31	South Cut	0.48	90.80	Yes	0.06	102.40	Yes	0.04	114.1	Yes
31/3/2009	10:14	South Cut	0.99	107.10	Yes	0.08	102.10	Yes	0.04	109.2	Yes
6/4/2009	13:18	South Cut	0.29	101.30	Yes	0.03	98.50	Yes	0.02	101.7	Yes
7/4/2009	12:08	SouthCut	0.28	92.80	Yes	0.03	103.50	Yes	0.01	106.9	Yes

9/4/2009	13:02	Entrance	1.39	93.50	Yes	0.12	91.40	Yes	0.19	101.4	Yes
16/4/2009	12:57	Entrance	1.17	99.00	Yes	0.14	90.90	Yes	0.16	101.5	Yes
17/4/2009	13:12	South Cut	0.40	99.90	Yes	0.06	91.60	Yes	0.03	97.6	Yes
17/4/2009	13:15	South Cut	0.19	98.90	Yes	0.02	92.70	Yes	0.01	101.9	Yes
22/4/2009	13:15	Waterfill	1.14	104.50	Yes	0.07	97.20	Yes	0.07	104.1	Yes
24/4/2009	13:10	South Cut	2.49	106.50	Yes	0.55	106.80	Yes	0.26	106.1	Yes
27/4/2009	13:19	Southcut	0.38	100.50	Yes	0.04	99.10	Yes	0.03	122.4**	Yes
30/4/2009	13:03	SouthCut	1.77	100.80	Yes	0.21	88.60	Yes	0.1	93.2	Yes
1/5/2009	13:09	Southcut	1.11	100.60	Yes	0.15	88.40	Yes	0.06	97.6	Yes
5/5/2009	13:17	SouthCut	0.97	112.50	Yes	0.22	112.70	Yes	0.11	108	Yes
7/5/2009	13:12	Southcut	1.02	109.40	Yes	0.10	91.00	Yes	0.05	93	Yes
8/5/2009	13:09	Waterfill	1.07	113.80	Yes	0.11	95.30	Yes	0.07	98	Yes
11/5/2009	13:13	Waterfill	0.59	104.30	Yes	0.05	95.90	Yes	0.07	92.3	Yes
13/5/2009	13:09	SouthCut	1.10	103.80	Yes	0.18	98.30	Yes	0.1	101	Yes
18/5/2009	12:41	Southcut	1.37	97.90	Yes	0.11	93.20	Yes	0.06	100.1	Yes
18/5/2009	13:07	Waterfill	0.60	109.10	Yes	0.09	93.30	Yes	0.11	97.3	Yes
20/5/2009	13:10	Waterfill	0.33	116.90	Yes	0.05	102.80	Yes	0.05	100.4	Yes
21/5/2009	12:46	Waterfill	1.15	111.60	Yes	0.10	104.30	Yes	0.14	111.3	Yes
25/5/2009	13:07	Southcut	0.13	105.30	Yes	0.01	80.30	Yes	0.01	90.1	Yes
26/5/2009	13:19	Waterfill	0.44	117.60	Yes	0.04	88.40	Yes	0.06	102.2	Yes
28/5/2009	13:12	Waterfill	0.70	107.90	Yes	0.11	93.20	Yes	0.09	96.9	Yes
3/6/2009	13:13	Southcut	1.21	98.30	Yes	0.15	89.60	Yes	0.08	93.9	Yes
9/6/2009	13:05	Waterfill	1.24	108.40	Yes	0.25	105.00	Yes	0.12	96.1	Yes
11/6/2009	13:23	Waterfill	0.40	111.90	Yes	0.03	106.80	Yes	0.03	114	Yes
11/6/2009	13:27	Southcut	0.74	104.30	Yes	0.08	95.00	Yes	0.11	118.6	Yes
12/6/2009	13:04	Southcut	0.96	105.10	Yes	0.12	84.30	Yes	0.07	96.6	Yes
15/6/2009	13:07	Waterfill	0.31	103.90	Yes	0.02	86.90	Yes	0.02	95.9	Yes
17/6/2009	13:12	Southcut	1.66	111.10	Yes	0.30	93.20	Yes	0.17	101.5	Yes
18/6/2009	13:21	Southcut	0.18	94.80	Yes	0.02	103.60	Yes	0.01	106.8	Yes
26/6/2009	13:09	Southcut	2.06	103.70	Yes	0.27	87.40	Yes	0.13	89.3	Yes
26/6/2009	13:37	Waterfill	1.28	104.70	Yes	0.14	87.10	Yes	0.14	92.3	Yes
29/6/2009	13:14	Southcut	0.88	107.50	Yes	0.08	109.90	Yes	0.04	112.8	Yes
6/7/2009	13:10	Waterfill	0.04	95.70	Yes	0.01	88.2	Yes	0.01	83.4	Yes
6/7/2009	14:49	Southcut	1.76	109.30	Yes	0.14	98.20	Yes	0.04	86.3	Yes
7/7/2009	13:15	Southcut	1.62	97.10	Yes	0.12	94.40	Yes	0.07	88.6	Yes
10/07/2009	13:15	Southcut	0.38	96.60	Yes	0.05	92.50	Yes	0.01	88.4	Yes

14/07/2009	12:52	Waterfill	1.81	112.40	Yes	0.15	111.10	Yes	0.09	97.3	Yes
14/07/2009	12:54	Waterfill	0.53	113.00	Yes	0.06	106.30	Yes	0.04	101.8	Yes
15/07/2009	16:31	Southcut	1.37	104.70	Yes	0.23	85.50	Yes	0.05	87.9	Yes
20/07/2009	13:08	Southcut	1.08	105.20	Yes	0.09	96.30	Yes	0.06	99.4	Yes
24/07/2009	12:43	Southcut	0.28	95.70	Yes	0.03	94.80	Yes	0.02	90.5	Yes
24/07/2009	13:12	Waterfill	2.33	105.10	Yes	0.16	91.60	Yes	0.15	92.5	Yes
29/07/2009	12:19	Southcut	2.19	108.40	Yes	0.25	98.40	Yes	0.09	95	Yes

Note: Oct 08 - June 09 data from datamasters

* Result also taken from datamasters

** Wind effected result