

Pine Dale Mine Blast Monitoring Results

Date	Park		Noon St.		Summer St.	
	Overpressure (dB)	Vibration (mm/sec)	Overpressure (dB)	Vibration (mm/sec)	Overpressure (dB)	Vibration (mm/sec)
10/01/2012	105.1	3.95	106.0	1.82		
25/01/2012	108.8	2.85	109.6	1.39		
8/02/2012	107.1	1.26				
29/02/2012	106.9	1.56	104.7	0.62		
15/03/2012	106.0	0.68	111.2	0.33		
28/03/2012						
5/04/2012	107.7	2.50	112.2	1.22		
17/04/2012	107.7	1.04	108.8	0.92		
30/04/2012	112.9	2.24				
2/05/2012	114.6	3.87	112.3	1.64	113.2	3.31
11/05/2012	112.0	0.32			112.3	0.38
16/05/2012	103.9	0.42			104.1	0.32
23/05/2012			114.0	1.66	111.9	4.58
1/06/2012	111.3	3.50	114.4	2.59	111.1	2.11
14/06/2012	114.5	3.57				
20/06/2012			112.5	1.77	113.4	3.47
27/06/2012			112.6	2.68	112.7	3.28
4/07/2012			112.4	0.51	113.9	0.57
17/07/2012					108.3	0.47
25/07/2012			112.0	0.84	116.3	1.49
3/08/2012			113.0	2.69	111.9	2.81
7/08/2012					101.9	0.90
15/08/2012			113.8	0.84	110.6	2.36
22/08/2012					113.0	1.38
5/09/2012			112.3	0.99	112.3	1.60
19/09/2012			105.7	0.74		
27/09/2012					107.7	0.25
3/10/2012			103.6	0.41	113.3	2.85
10/10/2012			106.6	2.39	104.6	1.29
19/10/2012			107.9	1.25	104.3	1.32
7/11/2012			103.9	0.38	95.7	0.10
28/11/2012			110.1	1.61	113.7	1.61

Legend:	
	No trigger
text	Value greater than the EPL blasting requirement for 95% of blasts Limits are as follows: •Airblast overpressure level of 115dB •Ground vibration peak velocity of 5mm/sec
text	Value above EPL blasting limit for 100% of blasts Limits are as follows: •Airblast overpressure level of 120dB •Ground Vibration peak velocity of 10mm/sec