

## 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)
10/01/2013			99.1	0.09	98.4	0.10
17/01/2013			110.9	0.65	108.4	0.67
24/01/2013			111.1	1.95	110.5	1.81
31/01/2013			100.2	0.11	108.0	0.12
21/02/2013			108.0	1.59	108.9	1.57
27/02/2013						
14/03/2013					110.4	2.10
28/03/2013					107.2	0.27
5/04/2013			111.6	2.21	107.4	2.17
11/04/2013			105.0	1.94	106.8	2.07
17/04/2013			91.2	0.08		
24/04/2013			91.6	0.08	87.2	0.48
2/05/2013			99.1	0.23		
9/05/2013			110.2	0.58	106.9	0.56
16/05/2013			102.5	0.24	108.4	0.25
24/05/2013			102.2	0.37	99.9	0.35
6/06/2013			111.9	1.32	113.3	1.22
14/06/2013			78.3	1.74	87.2	1.95
21/06/2013			106.6	1.45	104.5	1.27
3/07/2013	96.9	0.38	99.4	0.41		
11/07/2013			110.3	1.79	109.8	1.05
17/07/2013			112.6	1.64	107.1	1.44
26/07/2013			106.0	0.65	103.0	0.53
31/07/2013			99.0	0.42	100.0	0.40
15/08/2013			109.9	1.45	113.3	1.19
16/08/2013			109.5	1.28	109.4	1.37
6/09/2013			100.0	0.40	109.4	1.37
13/09/2013			113.5	0.61	110.5	0.74
25/09/2013			110.5	0.74	112.4	1.99
27/09/2013			109.1	1.00	106.3	1.31
11/10/2013			94.6	0.10		
18/10/2013			103.4	0.08		

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