

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_093
Date: 6-Aug-15
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	None	m
Boundary Layer Height:	N/A	m
Cloud Cover:	20%	Scattered Clouds
Wind Speed:	16	km/hr
Wind Direction:	N	
Temperature:	18.9	°C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	56.6 LAeq	111.9 dB
Edwards:	54.9 LAeq	105 dB
Fred:	48.9 LAeq	108.9 dB
Hollinger Office:	58.9 LAeq	113.5 dB
Noah:	63.1 LAeq	111.5 dB
Sandy:	55.3 LAeq	107.3 dB
Water Tower:	53.2 LAeq	112.2 dB
Wilson:	51.8 LAeq	106.1 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded. Malfunction in TSP unit at Sandy Station (bug in system)

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.7	4.3	3.1	3.9
Edwards:	4.3	5.3	7.3	14.7
Hollinger Office:	8.3	10.8	7.9	12.2
Hollinger Park:	8.3	11.3	17.4	26.5
Sandy:	3.1	5.2	241009.7	243693.0

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.6	1.4
Edwards:	0.5	0.6
Hollinger Office:	1.8	2.3
Hollinger Park:	3.5	5.4
Sandy:	5.3	19.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	not available		
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.1	0.2
Moneta Pumping Station:	1.0	1.1	1.5
Sandy:	1.0	1.1	1.5
Water Tower:	0.5	0.2	0.3
Wilson:	0.3	0.2	0.2