

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_121PS/122PS/3370_041
Date: 27-Aug-15
Blast Time: 15:38
Blast Sign Activation: 7:45
Website Notification Time: 8:15

Blast Conditions

Ceiling Height:	n/a	m
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	7.5	km/hr
Wind Direction:	SW	
Temperature:	20.1	°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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.8 LAeq	110.1 dB
Edwards:	57.7 LAeq	111.5 dB
Fred:	48.4 LAeq	100.2 dB
Hollinger Office:	61.3 LAeq	108.0 dB
Noah:	61.9 LAeq	104.4 dB
Sandy:	57.4 LAeq	121.7 dB
Water Tower:	56.8 LAeq	115.0 dB
Wilson:	52.7 LAeq	108.1 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.8	4.9	3.5	6.7
Edwards:	6.2	12.5	10.5	24.6
Hollinger Office:	9.7	27.4	14.5	29.0
Hollinger Park:	12.5	35.5	24.9	79.5
Sandy:	4.6	8.6	11.1	21.6

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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:	1.0	2.6
Edwards:	5.6	10.8
Hollinger Office:	3.7	14.9
Hollinger Park:	3.2	8.0
Sandy:	0.6	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.2	0.5
Hollinger West:	0.4	0.2	0.4
Imerys:	0.5	0.7	0.8
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	4.6	2.0	3.4
Sandy:	8.0	9.1	10.4
Water Tower:	1.1	0.6	1.5
Wilson:	1.2	0.8	1.1