

# Hollinger Public Blast Report

**Blast Pattern:** 3358\_007B  
**Date:** 22-Dec-16  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 609 m  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 5 km/hr  
Wind Direction: SW  
Temperature: -3.9 °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: Extendicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	51.6 LAeq	99.2 dB
Edwards:	53.5 LAeq	92.2 dB
Fred:	42.1 LAeq	100.6 dB
Hollinger Office:	58.4 LAeq	103.4 dB
Noah:	60.0 LAeq	99.6 dB
Sandy:	48.1 LAeq	111.7 dB
Water Tower:	47.5 LAeq	111.1 dB
Wilson:	49.7 LAeq	106.8 dB

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

**Dust Alert: No Exceedances recorded.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	5.2	5.8	4.8	5.3
Edwards:	3.2	6.1	11.3	23.6
Hollinger Office:	4.8	7.2	6.2	22.7
Hollinger Park:	3.3	3.9	10.6	12.5
Sandy:	2.7	3.3	5.1	6.5

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PORCUPINE GOLD MINES

## NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

**NO<sub>x</sub> Alert: No exceedances recorded**

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
Claimpost:	2.1	4.8
Edwards:	10.1	33.6
Hollinger Office:	14.3	68.2
Hollinger Park:	6.2	14.0
Sandy:	4.0	5.5

## Vibration (mm/s) – Vibration Instruments Reviewed:

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.9	0.6	1.3
Imerys:	0.3	0.2	0.4
Noah:	0.6	0.4	0.7
Moneta Pumping Station:	0.4	0.3	0.3
Sandy:	0.9	1.1	1.1
Water Tower:	0.4	0.4	0.6
Wilson:	2.0	1.3	1.9