

# Hollinger Public Blast Report

**Blast Pattern:** 3364\_118  
**Date:** 17-Aug-16  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:03  
**Website Notification Time:** 7:52

## Blast Conditions

Ceiling Height: 7620 m  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 6.7 km/hr  
Wind Direction: NE  
Temperature: 22.7 °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:	54.4 LAeq	108.3 dB
Edwards:	63.7 LAeq	106.1 dB
Fred:	43.6 LAeq	99.1 dB
Hollinger Office:	56.3 LAeq	112.7 dB
Noah:	60.7 LAeq	107.1 dB
Sandy:	62.2 LAeq	110.8 dB
Water Tower:	46.9 LAeq	112.2 dB
Wilson:	56.8 LAeq	105.1 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:	7.9	8.3	11.3	12.2
Edwards:	11.1	14.2	25.5	37.1
Hollinger Office:	34.0	48.6	36.9	56.7
Hollinger Park:	0.0	0.0	19.4	28.2
Sandy:	7.0	9.7	15.2	19.8

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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:	0.9	2.0
Edwards:	3.3	5.9
Hollinger Office:	7.0	9.6
Hollinger Park:	2.6	9.4
Sandy:	1.6	5.3

## 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:	0.2	0.1	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.4	0.4	0.5
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	1.5	0.9	1.4
Sandy:	0.6	0.8	0.6
Water Tower:	0.3	0.1	0.3
Wilson:	0.9	0.6	1.0