

# Hollinger Public Blast Report

**Blast Pattern:** 3352\_068  
**Date:** 6-Aug-17  
**Blast Time:** 11:41  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 7:20

## Blast Conditions

Ceiling Height: 1219 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 5 km/hr  
Wind Direction: W  
Temperature: 12.1 °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**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	53.7 LAeq	103.9 dB
Edwards:	51.1 LAeq	98.7 dB
Fred:	43.6 LAeq	98.2 dB
Hollinger Office:	54.7 LAeq	106.5 dB
Noah:	59.2 LAeq	101.5 dB
Sandy:	44.9 LAeq	109.4 dB
Water Tower:	50.8 LAeq	108.0 dB
Wilson:	44.3 LAeq	99.9 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:	1.8	2.9	0.1	0.9
Edwards:	3.4	9.1	7.6	22.6
Hollinger Office:	6.9	7.4	3.7	5.3
Sandy:	1.5	2.1	2.2	5.4

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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:	0.6	1.5
Edwards:	1.5	4.2
Hollinger Office:	1.2	1.5
Sandy:	6.4	18.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.2	0.2	0.2
Imerys:	0.7	0.3	0.4
Noah:	0.7	0.3	0.5
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	0.5	0.4	0.4
Water Tower:	0.3	0.3	0.4
Wilson:	0.9	0.6	1.4