

# Hollinger Public Blast Report

**Blast Pattern:** 3370\_158  
**Date:** 7-Oct-17  
**Blast Time:** 15:59  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 800 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (Rain)  
Wind Speed: 15 km/hr  
Wind Direction: S  
Temperature: 16.6 °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:	57.0 LAeq	109.3 dB
Edwards:	52.8 LAeq	103.8 dB
Fred:	47.3 LAeq	109.3 dB
Hollinger Office:	56.7 LAeq	115.2 dB
Noah:	63.8 LAeq	109.7 dB
Sandy:	49.7 LAeq	106.8 dB
Water Tower:	54.8 LAeq	109.8 dB
Wilson:	53.2 LAeq	108.2 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	8.6	20.2	22.4
Edwards:	7.1	8.1	16.8	17.8
Hollinger Office:	20.7	24.8	14.4	17.7
Sandy:	5.2	5.9	11.3	12.5

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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:	0.9	1.9
Edwards:	1.8	3.3
Hollinger Office:	7.7	27.9
Sandy:	1.2	1.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.7	0.4
Edwards:	0.0	0.1	0.1
Hollinger Office:	1.2	0.4	0.6
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.4	0.2	0.4
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.1	0.2
Water Tower:	0.2	0.1	0.1
Wilson:	0.2	0.1	0.2