

# Hollinger Public Blast Report

**Blast Pattern:** 3382\_134 A/B & 3340\_002  
**Date:** 22-Aug-17  
**Blast Time:** 15:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 400 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (Rain)  
Wind Speed: 9 km/hr  
Wind Direction: W  
Temperature: 15.3 °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:	57.3 LAeq	111.0 dB
Edwards:	52.7 LAeq	107.8 dB
Fred:	46.8 LAeq	106.6 dB
Hollinger Office:	57.2 LAeq	107.9 dB
Noah:	64.0 LAeq	104.6 dB
Sandy:	47.9 LAeq	112.3 dB
Water Tower:	51.7 LAeq	111.2 dB
Wilson:	49.6 LAeq	104.9 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:	8.2	9.1	16.8	18.2
Edwards:	8.5	14.3	23.0	36.4
Hollinger Office:	12.1	16.5	22.0	31.4
Sandy:	6.2	6.7	16.8	17.6

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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:	0.5	3.0
Edwards:	2.0	3.8
Hollinger Office:	2.9	5.0
Sandy:	3.2	6.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	0.6
Edwards:	0.4	0.3	0.5
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	0.3	0.3	0.4
Imerys:	0.5	0.3	0.5
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	6.2	2.8	4.1
Sandy:	1.6	1.9	2.2
Water Tower:	0.9	0.4	0.7
Wilson:	1.1	1.0	1.3