

# Hollinger Public Blast Report

**Blast Pattern:** 3358\_131  
**Date:** 15-Oct-17  
**Blast Time:** 8:00  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 15:39

## Blast Conditions

Ceiling Height: 800 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (Rain)  
Wind Speed: 20 km/hr  
Wind Direction: N  
Temperature: 0.9 °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: Extencicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	57.9 LAeq	101.8 dB
Edwards:	50.6 LAeq	105.0 dB
Fred:	46.2 LAeq	104.5 dB
Hollinger Office:	57.7 LAeq	105.7 dB
Noah:	64.4 LAeq	106.4 dB
Sandy:	47.6 LAeq	107.6 dB
Water Tower:	53.9 LAeq	104.4 dB
Wilson:	51.1 LAeq	110.7 dB

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

**Dust Alert: No exceedances recorded at 24hrs.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	1.7	2.3	0.7	0.9
Edwards:	2.1	2.8	5.4	6.0
Hollinger Office:	3.4	4.2	0.4	0.6
Sandy:	5.8	20.0	4.3	14.4

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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:	0.1	0.3
Edwards:	1.3	1.7
Hollinger Office:	3.1	4.9
Sandy:	17.6	52.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.1	0.0
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.0	0.1	0.0
Imerys:	0.2	0.2	0.1
Noah:	0.1	0.2	0.2
Moneta Pumping Station:	0.1	0.1	0.2
Sandy:	0.1	0.0	0.1
Water Tower:	0.2	0.1	0.1
Wilson:	0.2	0.2	0.1