

# Hollinger Public Blast Report



**Blast Pattern:** 3352\_096 & 3364\_222E P/S  
**Date:** 7-Dec-17  
**Blast Time:** 11:54  
**Blast Sign Activation:** 8:41  
**Website Notification Time:** 8:30

## Blast Conditions

Ceiling Height: 2000 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (Snow)  
Wind Speed: 11 km/hr  
Wind Direction: NW  
Temperature: -10.7 °C

## Noise Levels (L<sub>Aeq</sub>) – 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:	52.9 LAeq	109.1 dB
Edwards:	51.4 LAeq	102.9 dB
Fred:	43.0 LAeq	97.2 dB
Hollinger Office:	55.0 LAeq	112.2 dB
Noah:	60.2 LAeq	104.4 dB
Sandy:	41.7 LAeq	113.8 dB
Water Tower:	45.1 LAeq	115.1 dB
Wilson:	42.8 LAeq	105.9 dB

## Dust Levels (µg/m<sup>3</sup>) – 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	2.3	0.0	0.0
Edwards:	2.3	4.0	4.8	4.8
Hollinger Office:	3.1	5.9	2.3	5.4
Sandy:	2.6	2.9	0.4	0.9

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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:	1.4	2.1
Edwards:	3.1	13.8
Hollinger Office:	4.9	5.8
Sandy:	3.0	3.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.7
Edwards:	0.7	0.6	0.3
Hollinger Office:	0.8	0.6	0.7
Hollinger West:	0.0	0.0	0.0
Imerys:	1.6	0.7	1.4
Noah:	1.6	1.1	1.7
Moneta Pumping Station:	1.3	0.7	1.2
Sandy:	1.9	3.1	2.8
Water Tower:	1.1	0.7	0.5
Wilson:	2.2	1.6	1.9