

# Hollinger Public Blast Report



**Blast Pattern:** 3358\_005/3364\_knob  
**Date:** 1-Jan-17  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 607 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 13 km/hr  
Wind Direction: S  
Temperature: -4.2 °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: Extendicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	49.2 LAeq	105.0 dB
Edwards:	51.3 LAeq	101.3 dB
Fred:	47.0 LAeq	101.2 dB
Hollinger Office:	59.7 LAeq	108.9 dB
Noah:	59.8 LAeq	105.8 dB
Sandy:	45.9 LAeq	109.4 dB
Water Tower:	48.9 LAeq	116.8 dB
Wilson:	56.5 LAeq	103.6 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:	3.6	4.3	3.9	4.8
Edwards:	2.4	2.6	4.9	6.8
Hollinger Office:	6.6	11.8	2.8	13.6
Hollinger Park:	2.5	2.7	5.6	6.5
Sandy:	2.9	5.2	3.6	6.8

# Hollinger Public Blast Report



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:	2.1	3.7
Edwards:	3.3	14.7
Hollinger Office:	14.2	81.2
Hollinger Park:	2.3	2.8
Sandy:	1.8	2.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	0.5	0.4	0.5
Imerys:	0.4	0.5	0.4
Noah:	0.7	0.4	0.8
Moneta Pumping Station:	0.4	0.3	0.3
Sandy:	1.0	1.3	1.4
Water Tower:	0.5	0.4	0.5
Wilson:	2.2	1.4	2.1