

# Hollinger Public Blast Report

**Blast Pattern:** 3358\_027  
**Date:** 7-Dec-16  
**Blast Time:** 11:45  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1524 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 15 km/hr  
Wind Direction: SE  
Temperature: -1.9 °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:	53.8 LAeq	106.7 dB
Edwards:	48.7 LAeq	106.6 dB
Fred:	41.8 LAeq	108.3 dB
Hollinger Office:	63.0 LAeq	111.1 dB
Noah:	61.2 LAeq	106.9 dB
Sandy:	53.1 LAeq	110.5 dB
Water Tower:	46.8 LAeq	114.4 dB
Wilson:	48.2 LAeq	108.3 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:	3.8	4.8	2.9	3.5
Edwards:	3.8	6.0	6.8	11.5
Hollinger Office:	9.7	11.5	11.3	44.4
Hollinger Park:	4.4	4.6	5.8	6.6
Sandy:	3.5	5.3	4.1	6.2

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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	2.7
Edwards:	4.4	5.4
Hollinger Office:	4.8	9.2
Hollinger Park:	4.0	8.1
Sandy:	5.0	11.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.2	0.5
Edwards:	0.3	0.4	0.4
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.3	0.3	0.3
Imerys:	0.3	0.3	0.5
Noah:	0.7	0.6	0.5
Moneta Pumping Station:	2.1	1.4	2.1
Sandy:	1.6	1.5	1.7
Water Tower:	0.6	0.3	0.7
Wilson:	1.3	1.3	1.3