

# Hollinger Public Blast Report

**Blast Pattern:** 3346\_004  
**Date:** 18-Apr-17  
**Blast Time:** 15:36  
**Blast Sign Activation:** 7:48  
**Website Notification Time:** 7:41

## Blast Conditions

Ceiling Height: 4876 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 19.9 km/hr  
Wind Direction: N  
Temperature: 7.7 °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: Extendicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	54.3 LAeq	106.3 dB
Edwards:	52.4 LAeq	107.9 dB
Fred:	44.0 LAeq	106.0 dB
Hollinger Office:	62.5 LAeq	112.4 dB
Noah:	61.0 LAeq	109.8 dB
Sandy:	49.0 LAeq	106.6 dB
Water Tower:	56.6 LAeq	114.8 dB
Wilson:	51.1 LAeq	106.1 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:	7.1	8.8	9.2	12.6
Edwards:	7.5	8.3	5.7	9.3
Hollinger Office:	17.1	22.4	16.9	26.4
Hollinger Park:	10.0	12.4	14.8	21.5
Sandy:	7.9	9.8	6.9	10.6

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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:	4.8	11.2
Edwards:	1.8	2.6
Hollinger Office:	6.2	16.4
Hollinger Park:	2.3	5.5
Sandy:	1.5	2.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.7
Edwards:	0.4	0.2	0.2
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.3	0.3
Noah:	0.4	0.6	0.4
Moneta Pumping Station:	0.7	0.4	0.6
Sandy:	0.3	0.7	0.3
Water Tower:	0.2	0.2	0.3
Wilson:	0.9	0.4	0.6