

# Hollinger Public Blast Report

**Blast Pattern:** 3346\_044  
**Date:** 9-Sep-17  
**Blast Time:** 11:39  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 10000 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 6 km/hr  
Wind Direction: W  
Temperature: 14.7 °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:	54.1 LAeq	97.4 dB
Edwards:	49.9 LAeq	98.3 dB
Fred:	45.2 LAeq	94.2 dB
Hollinger Office:	56.2 LAeq	100.7 dB
Noah:	60.2 LAeq	99.0 dB
Sandy:	45.6 LAeq	108.3 dB
Water Tower:	49.2 LAeq	110.7 dB
Wilson:	49.1 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:	4.5	13.2	4.9	20.9
Edwards:	5.4	9.4	14.4	29.1
Hollinger Office:	28.0	58.6	25.3	54.6
Sandy:	3.4	4.6	6.4	13.3

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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:	2.4	6.2
Edwards:	5.4	11.6
Hollinger Office:	3.0	5.5
Sandy:	1.1	3.9

## 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:	0.1	0.1	0.1
Hollinger Office:	0.3	0.1	0.3
Hollinger West:	1.9	1.4	1.6
Imerys:	0.6	0.6	0.7
Noah:	0.7	0.5	1.1
Moneta Pumping Station:	0.9	0.5	0.6
Sandy:	1.6	1.1	2.0
Water Tower:	1.1	0.4	1.0
Wilson:	3.7	2.0	3.4