

# Hollinger Public Blast Report

**Blast Pattern:** 3346\_039  
**Date:** 26-Aug-17  
**Blast Time:** 15:44  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:11

## Blast Conditions

Ceiling Height: 1371 m  
Boundary Layer Height: none m  
Cloud Cover: 75% Cloudy  
Wind Speed: 6.4 km/hr  
Wind Direction: NW  
Temperature: 20.4 °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:	52.4 LAeq	104.1 dB
Edwards:	53.6 LAeq	94.9 dB
Fred:	41.7 LAeq	92.6 dB
Hollinger Office:	54.9 LAeq	103.2 dB
Noah:	59.8 LAeq	103.3 dB
Sandy:	45.4 LAeq	104.8 dB
Water Tower:	50.3 LAeq	115.0 dB
Wilson:	47.5 LAeq	105.0 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:	14.0	14.2	13.1	13.8
Edwards:	10.2	11.1	31.5	36.2
Hollinger Office:	14.9	17.4	30.2	39.2
Sandy:	9.1	9.7	23.3	26.0

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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:	0.0	0.0
Edwards:	1.2	1.6
Hollinger Office:	2.8	6.7
Sandy:	0.8	1.2

## 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:	0.2	0.2	0.2
Hollinger West:	0.6	0.5	0.4
Imerys:	0.4	0.4	0.4
Noah:	0.8	0.4	0.4
Moneta Pumping Station:	0.4	0.3	0.6
Sandy:	1.1	0.8	0.7
Water Tower:	0.7	0.4	1.0
Wilson:	0.2	0.2	0.1