

# Hollinger Public Blast Report

**Blast Pattern:** 3364\_102  
**Date:** 9-Jul-16  
**Blast Time:** 15:38  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 1432 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (rain)  
Wind Speed: 15 km/hr  
Wind Direction: N  
Temperature: 21.1 °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: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	55.5 LAeq	100.6 dB
Edwards:	53.0 LAeq	101.5 dB
Fred:	47.6 LAeq	97.3 dB
Hollinger Office:	57.1 LAeq	109.1 dB
Noah:	61.1 LAeq	103.0 dB
Sandy:	57.9 LAeq	106.1 dB
Water Tower:	49.8 LAeq	106.3 dB
Wilson:	48.8 LAeq	104.5 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:	6.1	7.8	18.4	23.1
Edwards:	4.4	5.8	19.6	24.4
Hollinger Office:	9.4	11.9	13.2	21.8
Hollinger Park:	5.8	8.4	14.1	19.5
Sandy:	26.1	115.0	28.7	124.4

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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:	0.5	1.3
Edwards:	0.0	0.1
Hollinger Office:	3.0	5.3
Hollinger Park:	1.4	5.6
Sandy:	83.7	778.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.6	0.3	0.6
Hollinger West:	0.2	0.2	0.3
Imerys:	0.4	0.5	0.5
Noah:	0.7	0.4	0.7
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.4	0.7	0.4
Water Tower:	0.4	0.3	0.6
Wilson:	0.8	0.6	1.7