

# Hollinger Public Blast Report

**Blast Pattern:** 3364\_125  
**Date:** 19-Jun-16  
**Blast Time:** 11:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 6705  
Boundary Layer Height: none  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 8 km/hr  
Wind Direction: W  
Temperature: 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: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	54.1 LAeq	107.9 dB
Edwards:	50.9 LAeq	104.9 dB
Fred:	46.0 LAeq	102.6 dB
Hollinger Office:	59.0 LAeq	106.7 dB
Noah:	62.2 LAeq	104.6 dB
Sandy:	48.7 LAeq	109.3 dB
Water Tower:	49.6 LAeq	115.4 dB
Wilson:	47.4 LAeq	106.0 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:	6.3	11.8	24.5	37.7
Edwards:	0.0	0.0	0.0	0.0
Hollinger Office:	22.4	35.1	26.2	42.9
Hollinger Park:	12.3	22.4	14.1	21.0
Sandy:	4.6	6.5	13.4	16.2

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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:	1.6	2.8
Edwards:	0.0	0.0
Hollinger Office:	6.7	12.0
Hollinger Park:	1.0	1.4
Sandy:	0.5	0.7

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.3
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.3	0.3	0.4
Imerys:	0.2	0.3	0.4
Noah:	0.4	0.5	0.2
Moneta Pumping Station:	1.2	0.8	0.9
Sandy:	0.6	0.7	1.0
Water Tower:	0.4	0.2	0.5
Wilson:	0.6	0.6	1.1