

# Hollinger Public Blast Report

**Blast Pattern:** 3346\_008  
**Date:** 7-Apr-17  
**Blast Time:** 15:46  
**Blast Sign Activation:** 7:51  
**Website Notification Time:** 7:38

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 24.8 km/hr  
Wind Direction: S  
Temperature: 3.5 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	56.9 LAeq	113.3 dB
Edwards:	59.4 LAeq	113.1 dB
Fred:	54.9 LAeq	121.5 dB
Hollinger Office:	61.6 LAeq	115.7 dB
Noah:	61.1 LAeq	114.0 dB
Sandy:	58.3 LAeq	121.6 dB
Water Tower:	57.1 LAeq	120.7 dB
Wilson:	58.4 LAeq	117.5 dB

## Dust Levels ( $1 \mu\text{g}/\text{m}^3/\text{hr}$ ) – 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:	12.4	18.0	11.7	17.7
Edwards:	20.6	28.5	21.4	36.6
Hollinger Office:	128.5	391.4	92.4	180.1
Hollinger Park:	62.7	89.1	74.1	129.5
Sandy:	28.1	35.6	21.3	30.4

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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:	2.5	3.0
Edwards:	0.5	0.8
Hollinger Office:	4.4	7.3
Hollinger Park:	3.1	5.7
Sandy:	4.9	12.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.5	0.5
Hollinger West:	0.1	0.0	0.0
Imerys:	0.0	0.0	0.0
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.0	0.4	0.0
Water Tower:	0.1	0.1	0.1
Wilson:	1.3	1.2	1.2