

# Hollinger Public Blast Report



**Blast Pattern:** 3346\_008 C&D  
**Date:** 8-Apr-17  
**Blast Time:** 11:36  
**Blast Sign Activation:** 7:27  
**Website Notification Time:** 7:15

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 4.3 km/hr  
Wind Direction: NE  
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:	52.1 LAeq	109.2 dB
Edwards:	59.5 LAeq	108.2 dB
Fred:	41.1 LAeq	99.3 dB
Hollinger Office:	65.3 LAeq	117.4 dB
Noah:	59.6 LAeq	110.1 dB
Sandy:	50.0 LAeq	109.6 dB
Water Tower:	49.2 LAeq	121.4 dB
Wilson:	44.2 LAeq	103.0 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:	6.8	8.8	7.1	10.1
Edwards:	11.8	17.3	15.0	29.7
Hollinger Office:	21.4	36.2	21.8	42.5
Hollinger Park:	19.7	52.1	31.3	114.7
Sandy:	6.6	9.0	7.0	11.6

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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:	4.8	7.1
Edwards:	7.5	20.0
Hollinger Office:	6.6	21.1
Hollinger Park:	1.8	6.5
Sandy:	1.4	2.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.3	0.3
Hollinger West:	0.0	0.0	0.0
Imerys:	0.5	0.2	0.7
Noah:	0.5	0.5	1.0
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	0.0	0.0	0.0
Water Tower:	0.5	0.4	0.6
Wilson:	1.3	0.8	1.8