

# Hollinger Public Blast Report

**Blast Pattern:** 3364\_156  
**Date:** 5-Sep-16  
**Blast Time:** 15:36  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:19

## Blast Conditions

Ceiling Height: 7315 m  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 17.1 km/hr  
Wind Direction: N  
Temperature: 25.1 °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: Extendicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	53.1 LAeq	107.7 dB
Edwards:	61.5 LAeq	109.1 dB
Fred:	49.4 LAeq	113.9 dB
Hollinger Office:	71.0 LAeq	117.8 dB
Noah:	59.2 LAeq	112.6 dB
Sandy:	53.3 LAeq	114.4 dB
Water Tower:	56.6 LAeq	116.8 dB
Wilson:	23.2 LAeq	84.6 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No Exceedances recorded at 24 hour.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	7.5	14.4	11.2	26.6
Edwards:	14.1	20.4	19.3	39.1
Hollinger Office:	85.0	183.5	74.7	171.7
Hollinger Park:	12.9	16.3	25.7	34.5
Sandy:	15.4	21.3	16.8	28.7

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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:	0.4	2.2
Edwards:	0.4	1.4
Hollinger Office:	4.4	14.5
Hollinger Park:	0.6	0.8
Sandy:	0.3	0.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.6	0.4	1.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.6	0.4	0.7
Noah:	1.3	0.6	0.8
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.3	0.6	0.4
Water Tower:	0.6	0.3	1.2
Wilson:	1.1	0.7	0.8