

# Hollinger Public Blast Report

**Blast Pattern:** 3364\_085  
**Date:** 18-Aug-16  
**Blast Time:** 11:30  
**Blast Sign Activation:** 7:40  
**Website Notification Time:** 7:34

## Blast Conditions

Ceiling Height: 2743 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 7.3 km/hr  
Wind Direction: NW  
Temperature: 25.2 °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:	54.0 LAeq	96.9 dB
Edwards:	60.4 LAeq	95.7 dB
Fred:	45.2 LAeq	93.1 dB
Hollinger Office:	60.8 LAeq	108.9 dB
Noah:	60.4 LAeq	104.6 dB
Sandy:	51.9 LAeq	110.3 dB
Water Tower:	47.8 LAeq	115.6 dB
Wilson:	52.4 LAeq	102.4 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:	8.3	9.3	18.1	20.7
Edwards:	6.3	8.0	20.2	31.3
Hollinger Office:	19.4	34.1	24.7	62.8
Hollinger Park:	15.5	29.8	30.0	79.5
Sandy:	10.0	12.5	18.9	24.0

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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:	1.8	5.4
Edwards:	0.0	0.0
Hollinger Office:	3.1	6.5
Hollinger Park:	0.5	0.9
Sandy:	0.8	1.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.2	0.5
Hollinger West:	0.3	0.3	0.5
Imerys:	0.6	0.4	0.4
Noah:	0.5	0.4	0.5
Moneta Pumping Station:	0.6	0.3	0.6
Sandy:	1.5	1.6	1.8
Water Tower:	2.2	0.6	2.2
Wilson:	1.9	1.6	1.7