

# Hollinger Public Blast Report

**Blast Pattern:** 3776\_072  
**Date:** 31-Oct-15  
**Blast Time:** 15:35  
**Blast Sign Activation:** 12:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 884 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 6.8 km/hr  
Wind Direction: N  
Temperature: 7.3 °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:	54.9 LAeq	111.8 dB
Edwards:	65.7 LAeq	102.1 dB
Fred:	45.3 LAeq	96.7 dB
Hollinger Office:	60.6 LAeq	119.0 dB
Noah:	65.9 LAeq	108.1 dB
Sandy:	51.7 LAeq	107.1 dB
Water Tower:	50.6 LAeq	108.1 dB
Wilson:	52.3 LAeq	99.3 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:	8.0	9.0	5.8	6.9
Edwards:	6.2	7.1	8.5	10.9
Hollinger Office:	9.8	11.9	6.6	8.4
Hollinger Park:	5.9	6.2	8.4	10.1
Sandy:	7.5	10.2	7.5	14.2

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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:	1.4	3.1
Edwards:	2.1	3.7
Hollinger Office:	2.3	4.5
Hollinger Park:	1.7	2.8
Sandy:	1.2	1.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.3	0.7	1
Edwards:	0.4	0.4	0.4
Hollinger Office:	0.2	0.3	0.4
Hollinger West:	0.2	0.2	0.3
Imerys:	0.3	0.3	0.5
Noah:	0.4	0.2	0.8
Moneta Pumping Station:	1.3	0.8	1.2
Sandy:	5.4	3.4	4.1
Water Tower:	0.3	0.2	0.5
Wilson:	0.6	0.6	0.6