

# Hollinger Public Blast Report

**Blast Pattern:** 3364\_175  
**Date:** 20-Sep-16  
**Blast Time:** 11:44  
**Blast Sign Activation:**  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 5681 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 12 km/hr  
Wind Direction: W  
Temperature: 18.1 °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:	57.6 LAeq	110.8 dB
Edwards:	56.5 LAeq	119.2 dB
Fred:	51.1 LAeq	118.6 dB
Hollinger Office:	61.9 LAeq	112.5 dB
Noah:	62.3 LAeq	115.0 dB
Sandy:	54.3 LAeq	115.1 dB
Water Tower:	55.5 LAeq	120.7 dB
Wilson:	55.3 LAeq	118.9 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – 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:	4.2	4.9	4.2	5.7
Edwards:	12.4	33.5	19.3	55.6
Hollinger Office:	17.9	37.4	19.0	33.7
Hollinger Park:	21.3	34.8	24.2	36.0
Sandy:	8.4	9.3	11.0	12.9

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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:	1.7	3.1
Edwards:	5.0	8.9
Hollinger Office:	0.9	1.1
Hollinger Park:	1.4	2.5
Sandy:	0.4	0.8

## 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:	1.5	0.5	0.9
Hollinger West:	0.6	0.4	0.5
Imerys:	1.1	0.8	1.2
Noah:	1.1	0.4	1.0
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.2	0.5	0.2
Water Tower:	0.7	0.2	0.7
Wilson:	0.5	0.4	0.6