

# Hollinger Public Blast Report

**Blast Pattern:** 3388\_132A & 3346\_041B  
**Date:** 8-Sep-17  
**Blast Time:** 11:33  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 5000 m  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 11 km/hr  
Wind Direction: N  
Temperature: 11.7 °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:	55.6 LAeq	110.4 dB
Edwards:	48.5 LAeq	102.2 dB
Fred:	45.0 LAeq	100.4 dB
Hollinger Office:	56.8 LAeq	116.0 dB
Noah:	62.4 LAeq	103.3 dB
Sandy:	43.4 LAeq	101.8 dB
Water Tower:	47.6 LAeq	111.0 dB
Wilson:	49.2 LAeq	102.4 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:	3.8	4.4	3.6	4.8
Edwards:	4.4	4.8	10.4	12.1
Hollinger Office:	5.6	6.9	9.6	13.0
Sandy:	5.8	8.4	8.3	12.3

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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:	1.1	6.0
Edwards:	1.5	1.9
Hollinger Office:	3.3	9.4
Sandy:	5.1	15.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.5	0.4	0.7
Edwards:	0.3	0.4	0.5
Hollinger Office:	1.7	1.0	3.4
Hollinger West:	0.2	0.2	0.3
Imerys:	3.1	2.5	3.4
Noah:	1.3	1.8	1.6
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	0.3	0.2	0.3
Water Tower:	4.2	1.5	3.6
Wilson:	0.9	0.6	0.6