

# Hollinger Public Blast Report

**Blast Pattern:** 3358\_129  
**Date:** 1-Nov-17  
**Blast Time:** 11:39  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 5800 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 6 km/hr  
Wind Direction: SE  
Temperature: -0.9 °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:	54.6 LAeq	100.5 dB
Edwards:	45.5 LAeq	99.1 dB
Fred:	42.7 LAeq	90.4 dB
Hollinger Office:	61.0 LAeq	113.4 dB
Noah:	63.9 LAeq	107.8 dB
Sandy:	47.7 LAeq	103.6 dB
Water Tower:	50.4 LAeq	116.0 dB
Wilson:	51.5 LAeq	106.7 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:	8.5	9.1	6.0	7.3
Edwards:	4.9	6.9	13.0	14.8
Hollinger Office:	13.7	20.3	13.2	21.1
Sandy:	7.0	8.0	9.7	11.2

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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:	1.2	2.2
Edwards:	3.0	9.0
Hollinger Office:	13.5	27.6
Sandy:	3.9	5.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.9	0.7	1.2
Hollinger West:	0.3	0.4	0.4
Imerys:	2.6	1.3	2.0
Noah:	1.9	1.8	2.0
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	0.6	0.3	0.7
Water Tower:	1.3	0.7	1.5
Wilson:	1.3	0.8	1.7