

# Hollinger Public Blast Report

**Blast Pattern:** 3358\_134  
**Date:** 15-Dec-17  
**Blast Time:** 11:37  
**Blast Sign Activation:** 8:22  
**Website Notification Time:** 8:10

## Blast Conditions

Ceiling Height: 4500 ft  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 0 km/hr  
Wind Direction: N  
Temperature: -16.5 °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><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	51.3 LAeq	99.2 dB
Edwards:	51.2 LAeq	93.3 dB
Fred:	40.4 LAeq	90.9 dB
Hollinger Office:	53.6 LAeq	103.2 dB
Noah:	58.7 LAeq	103.6 dB
Sandy:	42.7 LAeq	103.6 dB
Water Tower:	49.6 LAeq	117.3 dB
Wilson:	49.3 LAeq	99.5 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:	3.6	5.1	3.1	5.8
Edwards:	5.7	8.8	6.9	12.0
Hollinger Office:	5.9	14.1	11.3	20.3
Sandy:	2.1	2.9	3.6	4.4

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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:	3.2	6.5
Edwards:	8.3	16.3
Hollinger Office:	26.8	50.7
Sandy:	3.2	4.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.4	1.0	1.4
Hollinger West:	0.3	0.3	0.3
Imerys:	2.6	4.3	1.7
Noah:	2.0	2.1	2.3
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.3	0.1	0.3
Water Tower:	1.9	2.7	1.7
Wilson:	0.7	0.5	0.5