

# Hollinger Public Blast Report

**Blast Pattern:** 3358\_143 & Misshole #38  
**Date:** 9-Dec-17  
**Blast Time:** 11:38  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 5400 ft  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 4 km/hr  
Wind Direction: S  
Temperature: -13.2 °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:	49.0 LAeq	109.4 dB
Edwards:	52.3 LAeq	104.7 dB
Fred:	40.8 LAeq	97.0 dB
Hollinger Office:	54.2 LAeq	114.2 dB
Noah:	57.7 LAeq	105.9 dB
Sandy:	42.4 LAeq	106.1 dB
Water Tower:	47.1 LAeq	111.0 dB
Wilson:	50.0 LAeq	101.9 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:	2.4	5.3	4.7	5.8
Edwards:	4.9	25.0	13.9	15.8
Hollinger Office:	2.2	8.7	3.5	7.0
Sandy:	1.5	1.8	0.5	1.2

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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:	1.5	7.7
Edwards:	5.6	16.2
Hollinger Office:	3.4	5.9
Sandy:	1.2	1.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.3	1.4	1.6
Edwards:	0.3	0.4	0.4
Hollinger Office:	1.4	0.7	0.9
Hollinger West:	0.2	0.3	0.2
Imerys:	0.8	0.4	0.6
Noah:	1.8	1.1	1.3
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	0.5	0.3	0.5
Water Tower:	0.4	0.3	0.5
Wilson:	1.5	1.1	1.0