

# Hollinger Public Blast Report



**Blast Pattern:** 3370\_180 & 3364\_223  
**Date:** 4-Feb-18  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 7 km/hr  
Wind Direction: SE  
Temperature: -20.4 °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:	58.4 LAeq	112.6 dB
Edwards:	39.2 LAeq	106.0 dB
Fred:	36.2 LAeq	97.1 dB
Hollinger Office:	51.2 LAeq	105.1 dB
Noah:	59.8 LAeq	100.4 dB
Sandy:	40.1 LAeq	101.4 dB
Water Tower:	45.1 LAeq	107.9 dB
Wilson:	61.5 LAeq	112.4 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No Exceedances recorded at 24hr.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	6.9	9.2	3.6	6.2
Edwards:	3.4	5.4	15.2	26.4
Hollinger Office:	7.4	10.0	14.5	18.0
Sandy:	8.3	11.0	15.8	23.6

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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:	7.5	18.8
Edwards:	18.5	43.0
Hollinger Office:	10.3	13.1
Sandy:	10.4	13.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.8	2.9	2.6
Edwards:	0.8	0.5	0.6
Hollinger Office:	0.7	0.7	0.7
Hollinger West:	0.1	0.2	0.1
Imerys:	0.4	0.2	0.2
Noah:	0.3	0.4	0.6
Moneta Pumping Station:	0.6	0.2	0.5
Sandy:	0.2	0.1	0.4
Water Tower:	0.4	0.2	0.3
Wilson:	0.4	0.6	0.6