

# Hollinger Public Blast Report

**Blast Pattern:** 3364\_230  
**Date:** 13-Feb-18  
**Blast Time:** 11:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 5500 ft  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 24 km/hr  
Wind Direction: S  
Temperature: -10.7 °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:	52.8 LAeq	109.9 dB
Edwards:	51.7 LAeq	110.6 dB
Fred:	48.4 LAeq	113.9 dB
Hollinger Office:	65.2 LAeq	118.6 dB
Noah:	60.9 LAeq	112.3 dB
Sandy:	54.3 LAeq	114.6 dB
Water Tower:	59.7 LAeq	124.0 dB
Wilson:	57.0 LAeq	113.4 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:	5.9	6.3	4.8	5.6
Edwards:	3.0	3.6	8.8	10.8
Hollinger Office:	15.3	44.6	32.2	56.8
Sandy:	2.4	3.1	9.2	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:	1.4	2.6
Edwards:	3.8	6.4
Hollinger Office:	6.0	6.9
Sandy:	2.1	2.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.3	0.3
Hollinger West:	0.4	0.6	0.3
Imerys:	0.3	0.3	0.2
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	0.6	0.6	0.5
Sandy:	5.1	3.3	4.2
Water Tower:	0.5	0.3	0.5
Wilson:	1.3	1.9	1.5