

# Hollinger Public Blast Report

**Blast Pattern:** 3352\_112  
**Date:** 11-Mar-18  
**Blast Time:** 15:36  
**Blast Sign Activation:** 7:25  
**Website Notification Time:** 7:15

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 8 km/hr  
Wind Direction: N  
Temperature: -3.5 °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>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	50.7 LAeq	95.1 dB
Edwards:	43.4 LAeq	94.2 dB
Fred:	40.1 LAeq	99.5 dB
Hollinger Office:	53.3 LAeq	100.1 dB
Noah:	60.0 LAeq	99.3 dB
Sandy:	38.6 LAeq	108.7 dB
Water Tower:	48.3 LAeq	110.6 dB
Wilson:	57.6 LAeq	101.2 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	6.4	3.2	4.4
Edwards:	4.0	5.5	6.5	10.0
Hollinger Office:	2.9	3.7	7.7	9.4
Sandy:	2.8	3.3	2.8	3.9

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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:	1.1	2.8
Edwards:	1.8	6.8
Hollinger Office:	2.5	3.6
Sandy:	3.5	5.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.3	0.5
Hollinger West:	0.3	0.3	0.2
Imerys:	1.0	1.0	0.7
Noah:	1.1	0.9	1.0
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.3	0.2	0.3
Water Tower:	1.5	1.2	1.3
Wilson:	0.7	0.5	0.6