

# Hollinger Public Blast Report

**Blast Pattern:** 3358\_149  
**Date:** 8-Feb-18  
**Blast Time:** 11:35  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 1800 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 4 km/hr  
Wind Direction: SW  
Temperature: -13.8 °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:	50.3 LAeq	105.1 dB
Edwards:	42.2 LAeq	99.8 dB
Fred:	41.6 LAeq	94.3 dB
Hollinger Office:	51.9 LAeq	111.5 dB
Noah:	59.0 LAeq	101.9 dB
Sandy:	43.3 LAeq	106.2 dB
Water Tower:	44.8 LAeq	109.6 dB
Wilson:	55.2 LAeq	98.6 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:	4.8	5.2	3.7	5.1
Edwards:	3.4	3.7	6.5	7.8
Hollinger Office:	6.9	11.0	11.5	18.3
Sandy:	2.8	11.7	11.0	30.4

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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:	1.9	4.1
Edwards:	12.0	22.5
Hollinger Office:	4.2	8.0
Sandy:	3.3	4.6

## 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:	0.0	0.1	0.0
Hollinger Office:	2.0	1.9	1.8
Hollinger West:	0.1	0.2	0.1
Imerys:	1.0	1.0	0.7
Noah:	0.6	0.8	0.8
Moneta Pumping Station:	0.1	0.2	0.1
Sandy:	0.1	0.1	0.2
Water Tower:	0.7	0.9	0.7
Wilson:	0.5	0.4	0.2