

# Hollinger Public Blast Report

**Blast Pattern:** 3352\_090  
**Date:** 15-Jan-18  
**Blast Time:** 11:37  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 12000 ft  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 26 km/hr  
Wind Direction: E  
Temperature: -11 °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:	50.5 LAeq	105.2 dB
Edwards:	43.0 LAeq	100.0 dB
Fred:	40.2 LAeq	94.4 dB
Hollinger Office:	61.6 LAeq	112.7 dB
Noah:	59.5 LAeq	112.9 dB
Sandy:	45.2 LAeq	114.3 dB
Water Tower:	48.2 LAeq	115.9 dB
Wilson:	48.7 LAeq	101.9 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:	7.9	8.2	6.4	7.2
Edwards:	2.3	2.5	9.1	10.5
Hollinger Office:	11.6	18.9	14.2	25.3
Sandy:	2.3	2.5	9.1	9.8

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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:	3.2	4.3
Edwards:	3.1	4.9
Hollinger Office:	17.6	35.5
Sandy:	3.4	6.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.6
Edwards:	0.2	0.2	0.3
Hollinger Office:	1.4	0.6	0.7
Hollinger West:	0.3	0.3	0.2
Imerys:	0.8	0.7	0.7
Noah:	0.7	1.4	2.7
Moneta Pumping Station:	0.3	0.2	0.6
Sandy:	0.6	0.2	0.6
Water Tower:	0.5	0.4	0.9
Wilson:	1.5	1.3	1.6