

# Hollinger Public Blast Report

**Blast Pattern:** 3358\_136  
**Date:** 16-Dec-17  
**Blast Time:** 13:38  
**Blast Sign Activation:** 12:32  
**Website Notification Time:** 12:19

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 7 km/hr  
Wind Direction: NW  
Temperature: -18.7 °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><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	50.0 LAeq	104.4 dB
Edwards:	42.0 LAeq	98.4 dB
Fred:	40.8 LAeq	94.1 dB
Hollinger Office:	52.1 LAeq	110.8 dB
Noah:	60.1 LAeq	109.6 dB
Sandy:	41.3 LAeq	112.4 dB
Water Tower:	46.4 LAeq	119.2 dB
Wilson:	42.7 LAeq	104.7 dB

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

**Dust Alert: No exceedances recorded.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	4.6	6.3	3.5	6.8
Edwards:	5.7	10.6	9.7	22.1
Hollinger Office:	2.1	3.7	3.7	6.2
Sandy:	1.6	2.2	4.0	5.1

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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:	7.0	11.4
Edwards:	8.8	14.0
Hollinger Office:	3.6	5.8
Sandy:	3.9	5.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.5
Edwards:	0.1	0.2	0.1
Hollinger Office:	1.9	1.3	2.5
Hollinger West:	0.4	0.5	1.0
Imerys:	2.5	3.5	2.0
Noah:	4.7	4.6	4.6
Moneta Pumping Station:	0.3	0.2	0.5
Sandy:	0.8	0.4	0.6
Water Tower:	1.6	1.9	1.1
Wilson:	2.3	2.0	3.0