

# Hollinger Public Blast Report

**Blast Pattern:** 3334\_004 and 3370\_161B/162  
**Date:** 19-Nov-17  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:15

## Blast Conditions

Ceiling Height: 1400 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (snow)  
Wind Speed: 22 km/hr  
Wind Direction: NW  
Temperature: -10.3 °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:	52.7 LAeq	110.9 dB
Edwards:	46.2 LAeq	99.7 dB
Fred:	44.0 LAeq	114.0 dB
Hollinger Office:	54.5 LAeq	117.1 dB
Noah:	57.5 LAeq	113.4 dB
Sandy:	41.7 LAeq	108.8 dB
Water Tower:	50.2 LAeq	121.0 dB
Wilson:	51.0 LAeq	116.2 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:	6.4	8.8	3.6	4.7
Edwards:	9.8	12.8	9.3	10.9
Hollinger Office:	23.7	35.7	12.4	19.3
Sandy:	15.1	18.9	8.0	9.7

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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:	0.5	0.9
Edwards:	0.8	1.3
Hollinger Office:	2.9	3.4
Sandy:	5.1	8.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.2
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	0.3	0.3	0.3
Imerys:	0.4	0.3	0.4
Noah:	3.5	1.8	1.9
Moneta Pumping Station:	1.9	1.1	1.1
Sandy:	0.5	0.3	0.5
Water Tower:	0.4	0.3	0.2
Wilson:	0.9	0.6	0.7