

# Hollinger Public Blast Report

**Blast Pattern:** 3346\_046 knob & 3352\_087  
**Date:** 6-Dec-17  
**Blast Time:** 11:41  
**Blast Sign Activation:** 7:58  
**Website Notification Time:** 7:22

## Blast Conditions

Ceiling Height:	1000	ft
Boundary Layer Height:	none	m
Cloud Cover:	100%	Overcast (snow)
Wind Speed:	13	km/hr
Wind Direction:	SW	
Temperature:	-6.3	°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: Extencicare**

	<b><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	52.4 LAeq	110.6 dB
Edwards:	51.2 LAeq	112.4 dB
Fred:	46.6 LAeq	116.3 dB
Hollinger Office:	56.8 LAeq	117.1 dB
Noah:	61.2 LAeq	115.6 dB
Sandy:	50.5 LAeq	113.5 dB
Water Tower:	56.2 LAeq	117.6 dB
Wilson:	50.8 LAeq	114.9 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:	4.3	5.3	2.5	5.3
Edwards:	9.0	11.2	6.6	10.9
Hollinger Office:	21.5	28.7	15.4	23.0
Sandy:	8.8	14.6	4.6	8.1

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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:	0.7	1.6
Edwards:	1.8	3.1
Hollinger Office:	9.5	43.6
Sandy:	1.9	2.4

## 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:	1.0	0.4	0.9
Hollinger West:	1.0	0.6	0.9
Imerys:	3.0	2.0	1.8
Noah:	1.4	0.8	1.4
Moneta Pumping Station:	0.4	0.3	0.6
Sandy:	1.0	1.0	1.1
Water Tower:	2.3	1.4	2.5
Wilson:	1.4	1.0	1.4