

# Hollinger Public Blast Report

**Blast Pattern:** 3358\_144  
**Date:** 18-Dec-17  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height:	700	ft
Boundary Layer Height:	none	m
Cloud Cover:	100%	Overcast
Wind Speed:	15	km/hr
Wind Direction:	S	
Temperature:	-7.1	°C

## Noise Levels (L<sub>Aeq</sub>) – 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:	51.3 LAeq	104.9 dB
Edwards:	47.1 LAeq	101.4 dB
Fred:	49.0 LAeq	100.0 dB
Hollinger Office:	52.3 LAeq	111.9 dB
Noah:	57.7 LAeq	105.4 dB
Sandy:	48.6 LAeq	100.6 dB
Water Tower:	47.5 LAeq	108.5 dB
Wilson:	48.5 LAeq	104.7 dB

## Dust Levels (µg/m<sup>3</sup>) – 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:	5.6	6.1	4.8	5.2
Edwards:	3.4	3.8	6.7	8.7
Hollinger Office:	3.0	6.7	10.5	20.0
Sandy:	3.6	5.5	9.0	11.4

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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:	0.1	0.6
Edwards:	2.7	5.7
Hollinger Office:	5.5	20.2
Sandy:	3.0	4.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.5	0.6
Edwards:	0.2	0.2	0.3
Hollinger Office:	1.8	1.0	1.5
Hollinger West:	0.2	0.2	0.2
Imerys:	1.1	0.6	0.4
Noah:	1.5	0.5	1.4
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.3	0.2	0.5
Water Tower:	0.4	0.4	0.7
Wilson:	1.3	0.7	1.6