

# Hollinger Public Blast Report

**Blast Pattern:** 3370\_173 & 3352\_123  
**Date:** 27-Feb-18  
**Blast Time:** 13:39  
**Blast Sign Activation:** 8:22  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height:	30000	ft	
Boundary Layer Height:	none	m	
Cloud Cover:	25%		Scattered Clouds
Wind Speed:	19	km/hr	
Wind Direction:	W		
Temperature:	5.6	°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:	54.2 LAeq	107.6 dB
Edwards:	49.4 LAeq	104.2 dB
Fred:	46.5 LAeq	108.9 dB
Hollinger Office:	54.8 LAeq	111.5 dB
Noah:	61.8 LAeq	109.4 dB
Sandy:	48.1 LAeq	107.5 dB
Water Tower:	48.5 LAeq	115.2 dB
Wilson:	51.3 LAeq	108.9 dB

## Dust Levels (µg/m<sup>3</sup>) – 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:	12.9	14.0	10.5	11.4
Edwards:	12.5	16.1	23.4	35.4
Hollinger Office:	36.9	48.2	53.7	72.9
Sandy:	5.1	5.8	12.6	14.1

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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:	6.9	9.2
Edwards:	8.3	16.3
Hollinger Office:	12.2	18.1
Sandy:	4.4	5.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.6	0.9
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.6	0.7
Hollinger West:	0.2	0.2	0.1
Imerys:	0.7	0.4	0.6
Noah:	0.7	0.6	0.8
Moneta Pumping Station:	0.1	0.2	0.2
Sandy:	0.4	0.2	0.3
Water Tower:	0.4	0.3	0.4
Wilson:	0.7	0.6	0.7