

# Hollinger Public Blast Report

**Blast Pattern:** 3346\_121  
**Date:** 28-Jul-18  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:42  
**Website Notification Time:** 8:20

## Blast Conditions

Ceiling Height: 1500 ft  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 11 km/hr  
Wind Direction: NW  
Temperature: 16.2 °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:	55.6 LAeq	102.4 dB
Edwards:	50.7 LAeq	95.8 dB
Fred:	42.9 LAeq	97.0 dB
Hollinger Office:	56.8 LAeq	100.7 dB
Noah:	61.4 LAeq	104.9 dB
Sandy:	45.5 LAeq	111.2 dB
Water Tower:	47.8 LAeq	115.2 dB
Wilson:	49.5 LAeq	103.2 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	7.5	8.0	7.8	8.5
Edwards:	8.1	9.9	14.5	16.2
Hollinger Office:	11.6	12.5	16.5	19.2
Sandy:	23.0	35.1	8.2	18.0

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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:	2.2	4.4
Edwards:	2.4	9.3
Hollinger Office:	2.6	6.1
Sandy:	1.2	6.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.7	0.7	1.1
Imerys:	0.5	0.7	0.7
Noah:	0.5	0.4	0.4
Moneta Pumping Station:	0.8	0.6	1.0
Sandy:	3.6	2.2	3.8
Water Tower:	1.7	1.3	1.8
Wilson:	1.4	1.3	1.8