

# Hollinger Public Blast Report

**Blast Pattern:** 3352\_1513364\_Knob2  
**Date:** 2-Jul-18  
**Blast Time:** 11:50  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2000 ft  
Boundary Layer Height: none m  
Cloud Cover: 75% Cloudy  
Wind Speed: 13 km/hr  
Wind Direction: SW  
Temperature: 21.6 °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:	53.4 LAeq	105.8 dB
Edwards:	53.3 LAeq	103.1 dB
Fred:	45.6 LAeq	103.5 dB
Hollinger Office:	55.7 LAeq	106.7 dB
Noah:	60.5 LAeq	104.9 dB
Sandy:	46.3 LAeq	107.2 dB
Water Tower:	48.9 LAeq	116.1 dB
Wilson:	46.9 LAeq	107.2 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:	4.0	4.2	11.3	12.2
Edwards:	6.4	12.2	12.5	25.6
Hollinger Office:	59.8	121.8	59.6	158.2
Sandy:	1.8	2.0	43.2	44.9

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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:	2.0	2.8
Edwards:	0.0	0.0
Hollinger Office:	10.1	13.9
Sandy:	0.6	1.0

## 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:	0.6	0.3	0.4
Imerys:	0.6	0.4	0.5
Noah:	0.6	0.4	0.5
Moneta Pumping Station:	0.8	0.6	1.1
Sandy:	0.0	0.0	0.0
Water Tower:	1.2	0.6	0.9
Wilson:	1.3	1.3	1.4