

# Hollinger Public Blast Report



**Blast Pattern:** 3346\_038 & 3346\_041E  
**Date:** 6-Sep-17  
**Blast Time:** 11:33  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1981 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 3 km/hr  
Wind Direction: SW  
Temperature: 13.8 °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:	54.4 LAeq	108.4 dB
Edwards:	47.2 LAeq	101.6 dB
Fred:	43.0 LAeq	92.6 dB
Hollinger Office:	57.7 LAeq	109.9 dB
Noah:	60.9 LAeq	104.4 dB
Sandy:	44.7 LAeq	108.4 dB
Water Tower:	52.0 LAeq	115.1 dB
Wilson:	50.0 LAeq	106.0 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:	1.4	1.6	3.6	4.1
Edwards:	3.7	4.7	5.4	7.8
Hollinger Office:	6.1	8.8	6.9	9.9
Sandy:	3.9	9.5	6.6	12.5

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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:	2.9	11.0
Edwards:	1.1	2.2
Hollinger Office:	4.9	14.1
Sandy:	6.1	17.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.6
Edwards:	0.1	0.1	0.2
Hollinger Office:	9.2	3.6	6.9
Hollinger West:	0.6	0.5	0.7
Imerys:	1.4	1.7	1.5
Noah:	1.3	1.0	0.7
Moneta Pumping Station:	0.7	0.4	0.7
Sandy:	2.6	1.4	2.2
Water Tower:	1.5	0.8	1.6
Wilson:	0.3	0.2	0.2