

# Hollinger Public Blast Report

**Blast Pattern:** 3352\_023 & 3346\_042A  
**Date:** 17-Sep-17  
**Blast Time:** 11:35  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 3962 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 13 km/hr  
Wind Direction: S  
Temperature: 23.1 °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:	52.5 LAeq	111.9 dB
Edwards:	49.1 LAeq	107.5 dB
Fred:	47.0 LAeq	96.8 dB
Hollinger Office:	54.0 LAeq	113.6 dB
Noah:	61.1 LAeq	105.4 dB
Sandy:	48.1 LAeq	105.6 dB
Water Tower:	48.5 LAeq	125.9 dB
Wilson:	48.9 LAeq	104.0 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:	12.0	12.3	35.9	37.9
Edwards:	12.7	13.2	30.6	33.9
Hollinger Office:	30.6	65.1	54.5	149.4
Sandy:	14.2	14.9	26.0	27.3

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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:	0.4	2.0
Edwards:	3.9	6.9
Hollinger Office:	10.2	20.5
Sandy:	0.8	1.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.3	0.7
Hollinger West:	0.0	0.0	0.0
Imerys:	2.6	2.0	2.5
Noah:	2.5	3.1	2.9
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.4	0.3	0.4
Water Tower:	6.3	4.9	7.3
Wilson:	2.1	1.3	1.7