

# Hollinger Public Blast Report

**Blast Pattern:** 3352\_066  
**Date:** 29-Jun-17  
**Blast Time:** 11:40  
**Blast Sign Activation:** 9:20  
**Website Notification Time:** 9:20

## Blast Conditions

Ceiling Height: 366 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 6.4 km/hr  
Wind Direction: NW  
Temperature: 16.5 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	56.0 LAeq	98.8 dB
Edwards:	51.1 LAeq	100.8 dB
Fred:	49.6 LAeq	101.1 dB
Hollinger Office:	57.2 LAeq	104.7 dB
Noah:	63.2 LAeq	101.2 dB
Sandy:	53.9 LAeq	105.7 dB
Water Tower:	54.6 LAeq	108.9 dB
Wilson:	52.4 LAeq	105.0 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – 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:	8.3	8.7	19.3	20.5
Edwards:	6.8	7.3	17.1	18.5
Hollinger Office:	13.7	15.2	18.2	23.0
Sandy:	8.7	17.4	16.6	29.8

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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:	0.0	0.0
Edwards:	2.2	2.6
Hollinger Office:	2.5	4.9
Sandy:	2.5	9.0

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

**Vibration Alert: No exceedances recorded**

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