

# Hollinger Public Blast Report

**Blast Pattern:** 3388\_106/107  
**Date:** 10-Jun-15  
**Blast Time:** 15:45:00 PM  
**Blast Sign Activation:** 11:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2100 m  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 7 km/hr  
Wind Direction: W  
Temperature: 19.3 °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:	54.7 LAeq	107.4 dB
Edwards:	64.5 LAeq	102.2 dB
Fred:	40.4 LAeq	96.6 dB
Hollinger Office:	64.9 LAeq	121.9 dB
Noah:	61.0 LAeq	109.2 dB
Sandy:	50.3 LAeq	99.7 dB
Water Tower:	59.7 LAeq	115.3 dB
Wilson:	49.4 LAeq	103.8 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:	18.0	19.1	16.1	17.8
Edwards:	7.1	8.1	24.1	26.7
Hollinger Office:	8.5	10.9	22.7	30.9
Hollinger Park:	8.5	12.4	30.7	40.8
Sandy:	5.0	6.2	39.8	139.6

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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:	0.6	1.0
Edwards:	4.0	13.8
Hollinger Office:	2.1	4.0
Hollinger Park:	1.7	2.3
Sandy:	0.8	1.0

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

**Vibration Alert: Exceeded 12.5mm/s at Imerys Station (Under Investigation)**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	0.1	0.1	0.1
Imerys:	8.18	4.59	13.1
Noah:	2.9	3.2	2.9
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	1.1	0.3	0.7
Water Tower:	0.3	0.1	0.2
Wilson:	0.4	0.3	0.3