

# Hollinger Public Blast Report



**Blast Pattern:** 3382\_072 and 3382\_062  
**Date:** 6-Sep-15  
**Blast Time:** 11:39  
**Blast Sign Activation:** 7:00  
**Website Notification Time:** 6:45

## Blast Conditions

Ceiling Height: unlimited m  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 7 km/hr  
Wind Direction: NE  
Temperature: 24.2 °C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

**Noise Alert:  $L_{peak}$  Exceedance at Water Tower and Hollinger Office. Under investigation.**

### **Blast Siren Locations:**

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

	<b><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	59.6 LAeq	127.0 dB
Edwards:	54.9 LAeq	119.9 dB
Fred:	45.8 LAeq	111.2 dB
Hollinger Office:	59.2 LAeq	133.0 dB
Noah:	58.0 LAeq	127.0 dB
Sandy:	52.0 LAeq	118.2 dB
Water Tower:	58.4 LAeq	131.6 dB
Wilson:	51.0 LAeq	116.4 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:	16.5	17.4	28.1	29.5
Edwards:	12.2	13.3	50.0	53.8
Hollinger Office:	24.5	42.5	53.4	89.1
Hollinger Park:	14.9	15.7	42.5	46.7
Sandy:	12.1	13.6	43.6	48.9

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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:	1.7	8.9
Edwards:	1.2	3.3
Hollinger Office:	8.0	19.0
Hollinger Park:	2.6	8.9
Sandy:	0.5	0.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.0	0.0
Hollinger West:	0.0	0.1	0.1
Imerys:	0.1	0.1	0.2
Noah:	0	0.1	0.1
Moneta Pumping Station:	0.0	0.1	0.0
Sandy:	0.1	0.2	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.0	0.1	0.0