

# Hollinger Public Blast Report

**Blast Pattern:** 3370\_028B  
**Date:** 16-Nov-15  
**Blast Time:** 13:52  
**Blast Sign Activation:** 11:45  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: None m  
Boundary Layer Height: None m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 7 km/hr  
Wind Direction: E  
Temperature: 1.8 °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: Extencicare

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	55.9 LAeq	104.1 dB
Edwards:	49.0 LAeq	100.7 dB
Fred:	44.6 LAeq	97.1 dB
Hollinger Office:	57.8 LAeq	120.5 dB
Noah:	61.3 LAeq	109.5 dB
Sandy:	62.2 LAeq	106.7 dB
Water Tower:	63.5 LAeq	117.8 dB
Wilson:	52.0 LAeq	99.8 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:	3.4	3.8	4.8	5.6
Edwards:	3.9	6.1	13.4	19.0
Hollinger Office:	8.2	13.5	12.7	21.2
Hollinger Park:	13.1	38.6	29.0	91.2
Sandy:	1.9	2.2	3.0	3.5

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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:	1.5	2.1
Edwards:	2.4	3.0
Hollinger Office:	7.5	16.5
Hollinger Park:	7.8	11.1
Sandy:	3.8	5.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	2.2	1.1	2.1
Hollinger West:	1.7	0.7	2.0
Imerys:	3.2	2.4	2.8
Noah:	2.5	1.4	2
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	1.1	1.4	1.1
Water Tower:	3.3	0.8	2.4
Wilson:	0.9	0.6	0.8