

# Hollinger Public Blast Report

**Blast Pattern:** 3346\_066  
**Date:** 11-Nov-17  
**Blast Time:** 13:32  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2000 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 22 km/hr  
Wind Direction: S  
Temperature: -5.2 °C

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

### Noise Alert: Noise Exceedances due to Blast Sirens

#### 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:	51.0 LAeq	102.2 dB
Edwards:	43.8 LAeq	105.3 dB
Fred:	42.7 LAeq	104.0 dB
Hollinger Office:	52.1 LAeq	111.6 dB
Noah:	58.7 LAeq	108.8 dB
Sandy:	44.6 LAeq	105.8 dB
Water Tower:	56.2 LAeq	112.8 dB
Wilson:	51.0 LAeq	107.2 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

### Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.7	4.7	1.1	2.9
Edwards:	8.5	10.6	4.1	5.4
Hollinger Office:	8.7	10.9	6.1	7.7
Sandy:	5.8	6.9	4.4	5.7

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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:	2.1	4.2
Edwards:	4.5	7.4
Hollinger Office:	4.2	7.5
Sandy:	2.7	3.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.1	0.0
Hollinger Office:	0.5	0.1	0.3
Hollinger West:	6.0	4.1	4.4
Imerys:	0.6	1.0	0.7
Noah:	0.6	0.5	0.4
Moneta Pumping Station:	0.3	0.3	0.6
Sandy:	0.7	0.5	0.7
Water Tower:	1.1	0.9	0.7
Wilson:	0.1	0.1	0.1