

# Hollinger Public Blast Report

**Blast Pattern:** 3364\_061  
**Date:** 11-Mar-16  
**Blast Time:** 15:58  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height:	n/a	m
Boundary Layer Height:	n/a	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	10.5	km/hr
Wind Direction:	S	
Temperature:	4.6	°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><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	53.2 LAeq	105.8 dB
Edwards:	48.9 LAeq	101.3 dB
Fred:	44.4 LAeq	97.5 dB
Hollinger Office:	64.9 LAeq	108.4 dB
Noah:	59.4 LAeq	102.6 dB
Sandy:	58.1 LAeq	106.4 dB
Water Tower:	47.2 LAeq	112.4 dB
Wilson:	55.1 LAeq	100.7 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:	4.5	5.1	3.8	5.1
Edwards:	1.5	1.5	2.9	3.6
Hollinger Office:	3.4	4.5	6.5	13.8
Hollinger Park:	0.9	1.1	3.9	5.8
Sandy:	1.1	1.3	3.1	4.3

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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	4.5
Edwards:	1.3	3.6
Hollinger Office:	8.1	19.2
Hollinger Park:	1.2	2.9
Sandy:	0.7	1.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.6	0.9
Edwards:	0.3	0.4	0.3
Hollinger Office:	0.2	0.3	0.3
Hollinger West:	1.7	0.1	0.2
Imerys:	0.3	0.2	0.2
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	0.6	0.4	0.5
Sandy:	0.3	0.4	0.4
Water Tower:	0.1	0.1	0.1
Wilson:	0.4	0.5	0.5