

# Hollinger Public Blast Report

**Blast Pattern:** 3382\_099  
**Date:** 23-Jul-15  
**Blast Time:** 11:47  
**Blast Sign Activation:** 7:00  
**Website Notification Time:** 6:45

## Blast Conditions

Ceiling Height:	None	m
Boundary Layer Height:	None	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	8	km/hr
Wind Direction:	NW	
Temperature:	22.6	°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>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	55.9 LAeq	118.0 dB
Edwards:	54.6 LAeq	116.3 dB
Fred:	48.9 LAeq	107.9 dB
Hollinger Office:	63.8 LAeq	122.9 dB
Noah:	63.5 LAeq	114.1 dB
Sandy:	55.1 LAeq	119.8 dB
Water Tower:	59.4 LAeq	120.2 dB
Wilson:	51.7 LAeq	115.0 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:	6.9	8.6	6.4	8.6
Edwards:	9.6	14.0	17.0	29.3
Hollinger Office:	17.5	23.9	14.3	28.5
Hollinger Park:	16.8	27.2	29.2	65.6
Sandy:	11.9	30.0	27.4	71.2

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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:	0.7	1.4
Edwards:	1.1	2.1
Hollinger Office:	2.0	2.9
Hollinger Park:	2.8	6.4
Sandy:	7.7	37.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.5	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.1	0.1	0.2
Imerys:	1.1	0.9	1.1
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	1.1	1.1	1.1
Water Tower:	0.2	0.2	0.3
Wilson:	0.6	0.3	0.4