

# Hollinger Public Blast Report

**Blast Pattern:** 3358\_102 / 3352\_014B  
**Date:** 31-May-17  
**Blast Time:** 15:45  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 975 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (rain)  
Wind Speed: 9 km/hr  
Wind Direction: WSW  
Temperature: 11.2 °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:	58.3 LAeq	113.4 dB
Edwards:	55.3 LAeq	107.2 dB
Fred:	47.1 LAeq	103.6 dB
Hollinger Office:	56.0 LAeq	111.9 dB
Noah:	63.2 LAeq	111.7 dB
Sandy:	48.7 LAeq	110.1 dB
Water Tower:	50.0 LAeq	121.7 dB
Wilson:	53.3 LAeq	112.6 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:	7.2	8.7	22.0	23.6
Edwards:	5.5	7.2	6.9	13.9
Hollinger Office:	21.8	29.5	49.5	62.7
Hollinger Park:	1.7	3.7	5.5	11.4
Sandy:	8.0	25.4	7.9	34.4

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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:	6.1	8.1
Edwards:	9.6	16.9
Hollinger Office:	8.3	12.2
Hollinger Park:	4.1	10.9
Sandy:	1.2	1.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.7	0.3	0.9
Imerys:	0.3	0.2	0.2
Noah:	0.5	0.6	0.5
Moneta Pumping Station:	0.4	0.2	0.5
Sandy:	0.5	0.3	0.3
Water Tower:	0.2	0.2	0.3
Wilson:	1.5	1.2	1.4