

# Hollinger Public Blast Report

**Blast Pattern:** 3364\_141 P/S  
**Date:** 7-Jul-16  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 213 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 7 km/hr  
Wind Direction: N  
Temperature: 18.2 °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:	55.7 LAeq	101.8 dB
Edwards:	50.0 LAeq	103.0 dB
Fred:	49.4 LAeq	96.9 dB
Hollinger Office:	59.9 LAeq	107.7 dB
Noah:	73.5 LAeq	115.7 dB
Sandy:	52.2 LAeq	124.4 dB
Water Tower:	54.3 LAeq	120.3 dB
Wilson:	47.3 LAeq	116.3 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:	5.6	5.8	13.1	13.9
Edwards:	3.8	5.4	18.2	20.5
Hollinger Office:	6.3	8.6	20.2	26.7
Hollinger Park:	9.7	17.8	35.7	107.1
Sandy:	6.5	11.5	19.4	28.9

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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:	0.1	0.4
Edwards:	0.0	0.0
Hollinger Office:	5.0	10.2
Hollinger Park:	6.4	54.9
Sandy:	8.5	26.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.4	0.3	0.4
Imerys:	0.2	0.2	0.7
Noah:	0.6	0.9	0.7
Moneta Pumping Station:	5.0	2.2	3.6
Sandy:	2.6	2.0	1.2
Water Tower:	0.4	0.2	0.6
Wilson:	1.5	1.0	2.1