

# Hollinger Public Blast Report

**Blast Pattern:** 3364\_Outcrop  
**Date:** 12-Jul-16  
**Blast Time:** 15:38  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 6096 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 10.7 km/hr  
Wind Direction: N  
Temperature: 29.6 °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:	54.4 LAeq	102.2 dB
Edwards:	55.0 LAeq	109.4 dB
Fred:	48.3 LAeq	110.7 dB
Hollinger Office:	62.2 LAeq	118.9 dB
Noah:	60.3 LAeq	116.1 dB
Sandy:	55.9 LAeq	112.4 dB
Water Tower:	53.3 LAeq	115.2 dB
Wilson:	53.8 LAeq	110.7 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:	14.0	30.3	43.6	101.2
Edwards:	16.5	20.3	36.2	47.8
Hollinger Office:	36.1	52.6	32.4	47.6
Hollinger Park:	26.1	47.7	42.5	67.6
Sandy:	21.2	33.5	34.5	54.2

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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:	1.0	2.4
Edwards:	0.1	0.8
Hollinger Office:	5.7	10.4
Hollinger Park:	1.2	2.2
Sandy:	0.4	0.8

## 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	0.0	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.0	0.0	0.1
Imerys:	0.1	0.1	0.2
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.4	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.2	0.1	0.2