

# Hollinger Public Blast Report

**Blast Pattern:** 3358\_090  
**Date:** 6-May-17  
**Blast Time:** 11:38  
**Blast Sign Activation:** 7:33  
**Website Notification Time:** 7:21

## Blast Conditions

Ceiling Height: 1524 m  
Boundary Layer Height: none m  
Cloud Cover: 75% Cloudy  
Wind Speed: 22.6 km/hr  
Wind Direction: S  
Temperature: 6.9 °C

## Noise Levels (L<sub>Aeq</sub>) – 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:	57.6 LAeq	117.8 dB
Edwards:	57.2 LAeq	117.0 dB
Fred:	55.8 LAeq	117.5 dB
Hollinger Office:	57.5 LAeq	116.5 dB
Noah:	62.1 LAeq	116.3 dB
Sandy:	55.8 LAeq	122.6 dB
Water Tower:	58.3 LAeq	116.6 dB
Wilson:	61.5 LAeq	121.6 dB

## Dust Levels (µg/m<sup>3</sup>) – 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:	8.2	9.5	8.9	10.4
Edwards:	8.5	12.1	20.1	37.5
Hollinger Office:	14.3	18.0	18.7	41.1
Hollinger Park:	9.0	15.2	19.3	41.9
Sandy:	8.2	12.5	13.4	23.3

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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:	2.8	3.5
Edwards:	0.2	0.6
Hollinger Office:	6.1	8.4
Hollinger Park:	1.1	1.7
Sandy:	6.1	18.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.3	0.4
Noah:	0.9	0.4	0.7
Moneta Pumping Station:	0.5	0.2	0.4
Sandy:	0.6	0.3	0.5
Water Tower:	0.3	0.2	0.5
Wilson:	1.7	0.8	1.2