

# Hollinger Public Blast Report

**Blast Pattern:** 3376\_Frost  
**Date:** 29-Feb-16  
**Blast Time:** 11:39  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** n/a

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 5.7 km/hr  
Wind Direction: SE  
Temperature: -15.1 °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: Extencicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	48.1 LAeq	101.7 dB
Edwards:	42.7 LAeq	93.1 dB
Fred:	36.6 LAeq	104.5 dB
Hollinger Office:	54.9 LAeq	101.6 dB
Noah:	57.7 LAeq	99.2 dB
Sandy:	53.3 LAeq	101.4 dB
Water Tower:	44.1 LAeq	106.6 dB
Wilson:	42.2 LAeq	100.6 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:	10.1	14.2	4.4	5.9
Edwards:	4.7	6.3	8.3	11.5
Hollinger Office:	14.9	20.6	9.2	12.0
Hollinger Park:	12.5	19.2	8.6	11.1
Sandy:	6.3	8.6	7.6	9.1

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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:	5.2	6.4
Edwards:	8.8	14.7
Hollinger Office:	11.3	16.6
Hollinger Park:	12.1	20.0
Sandy:	7.3	11.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.0	0.2	0.1
Hollinger Office:	0.1	0.2	0.1
Hollinger West:	1.6	0.1	0.1
Imerys:	0.1	0.1	0.0
Noah:	0.4	0.3	0.3
Moneta Pumping Station:	0.0	0.1	0.1
Sandy:	0.2	0.3	0.2
Water Tower:	0.1	0.1	0.0
Wilson:	0.1	0.2	0.2