

# Hollinger Public Blast Report

**Blast Pattern:** 3373\_035  
**Date:** 23-Dec-15  
**Blast Time:** 13:38  
**Blast Sign Activation:** 11:45  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 91 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast  
Wind Speed: 10 km/hr  
Wind Direction: SE  
Temperature: 0.9 °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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	54.7 LAeq	108.1 dB
Edwards:	51.7 LAeq	102.8 dB
Fred:	44.5 LAeq	101.3 dB
Hollinger Office:	57.0 LAeq	111.0 dB
Noah:	61.2 LAeq	105.6 dB
Sandy:	52.0 LAeq	104.9 dB
Water Tower:	55.0 LAeq	108.4 dB
Wilson:	50.7 LAeq	103.0 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No exceedances recorded.**

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.4	15.2	9.8	12.2
Edwards:	6.5	8.6	15.0	20.1
Hollinger Office:	10.0	11.6	15.0	20.1
Hollinger Park:	5.1	6.9	12.9	18.7
Sandy:	6.3	8.7	7.9	10.9

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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:	2.8	4.0
Edwards:	4.3	5.8
Hollinger Office:	19.5	53.0
Hollinger Park:	3.0	5.5
Sandy:	1.0	1.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.5	0.4
Edwards:	0.2	0.3	0.3
Hollinger Office:	0.4	0.5	0.3
Hollinger West:	1.7	0.2	0.3
Imerys:	0.3	0.5	0.4
Noah:	0.5	0.3	0.6
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	1.8	1.2	1.5
Water Tower:	0.2	0.2	0.4
Wilson:	1.2	0.6	0.9