

# Hollinger Public Blast Report

**Blast Pattern:** 3376\_110  
**Date:** 04-Jan-16  
**Blast Time:** 13:33  
**Blast Sign Activation:** 11:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 457 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast  
Wind Speed: 11.3 km/hr  
Wind Direction: N  
Temperature: -17.8 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due blast sirens.**

### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	48.3 LAeq	104.2 dB
Edwards:	58.7 LAeq	101.7 dB
Fred:	41.5 LAeq	94.0 dB
Hollinger Office:	56.7 LAeq	106.0 dB
Noah:	57.6 LAeq	100.2 dB
Sandy:	49.0 LAeq	108.6 dB
Water Tower:	43.6 LAeq	106.9 dB
Wilson:	46.4 LAeq	101.9 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:	6.1	6.9	5.1	6.2
Edwards:	3.3	4.7	8.2	17.3
Hollinger Office:	3.8	7.2	8.6	15.9
Hollinger Park:	3.4	3.6	4.8	5.1
Sandy:	3.2	4.0	5.5	7.3

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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:	2.1	3.5
Edwards:	9.3	26.7
Hollinger Office:	4.9	9.6
Hollinger Park:	2.1	5.8
Sandy:	1.6	2.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.3
Edwards:	0.3	0.4	0.2
Hollinger Office:	0.3	0.3	0.2
Hollinger West:	1.7	0.2	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.2	0.6
Moneta Pumping Station:	0.4	0.6	0.5
Sandy:	1.5	2.3	2.3
Water Tower:	0.3	0.2	0.3
Wilson:	0.9	0.9	0.9