

# Hollinger Public Blast Report

**Blast Pattern:** 3364\_166  
**Date:** 30-Sep-16  
**Blast Time:** 15:39  
**Blast Sign Activation:** 8:45  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 8.5 km/hr  
Wind Direction: E  
Temperature: 18.5 °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:	56.7 LAeq	96.3 dB
Edwards:	51.1 LAeq	95.6 dB
Fred:	44.9 LAeq	91.1 dB
Hollinger Office:	60.8 LAeq	110.1 dB
Noah:	61.2 LAeq	108.7 dB
Sandy:	52.5 LAeq	108.1 dB
Water Tower:	52.9 LAeq	117.5 dB
Wilson:	50.7 LAeq	99.1 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:	3.9	4.2	3.5	4.6
Edwards:	9.9	10.4	9.3	11.2
Hollinger Office:	11.9	15.0	10.9	16.0
Hollinger Park:	58.3	118.3	66.9	131.9
Sandy:	19.0	42.5	26.3	73.4

# Hollinger Public Blast Report



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:	0.2	1.1
Edwards:	0.4	1.0
Hollinger Office:	1.6	2.3
Hollinger Park:	7.1	14.2
Sandy:	9.3	28.4

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

**Vibration Alert: Water Tower Exceedance (15.7mm/s) Under Investigation.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	5.4	1.1	3.9
Hollinger West:	0.4	0.2	0.5
Imerys:	6.8	7.7	11.2
Noah:	3.0	3.6	2.3
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.3	0.5	0.2
Water Tower:	10.7	2.7	15.7
Wilson:	0.9	1.0	1.0