

# Hollinger Public Blast Report

**Blast Pattern:** 3346\_056  
**Date:** 5-Nov-17  
**Blast Time:** 11:39  
**Blast Sign Activation:** 7:50  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 400 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 9.3 km/hr  
Wind Direction: S  
Temperature: 2.3 °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:	54.6 LAeq	102.8 dB
Edwards:	50.0 LAeq	102.6 dB
Fred:	45.9 LAeq	95.9 dB
Hollinger Office:	54.2 LAeq	107.6 dB
Noah:	61.8 LAeq	109.2 dB
Sandy:	46.7 LAeq	109.2 dB
Water Tower:	51.2 LAeq	115.6 dB
Wilson:	52.6 LAeq	110.5 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:	4.7	5.6	3.4	4.7
Edwards:	1.9	2.0	5.2	5.6
Hollinger Office:	7.2	12.6	7.9	15.7
Sandy:	3.2	3.4	4.7	5.2

# 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:	3.1	9.6
Edwards:	2.6	5.1
Hollinger Office:	8.0	14.6
Sandy:	5.3	8.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.5	0.7
Hollinger West:	2.4	1.5	2.7
Imerys:	3.0	2.8	3.3
Noah:	3.0	2.5	4.7
Moneta Pumping Station:	0.4	0.3	0.6
Sandy:	0.6	0.4	0.5
Water Tower:	7.3	6.7	5.9
Wilson:	2.0	1.8	2.7