

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3388\_132B & 3382\_138  
**Date:** 5-Sep-17  
**Blast Time:** 15:37  
**Blast Sign Activation:** 7:21  
**Website Notification Time:** 7:13

## Blast Conditions

Ceiling Height: 1097 m  
Boundary Layer Height: none m  
Cloud Cover: 75% Cloudy  
Wind Speed: 7.3 km/hr  
Wind Direction: S  
Temperature: 14.7 °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:	56.4 LAeq	111.5 dB
Edwards:	49.7 LAeq	107.8 dB
Fred:	43.7 LAeq	102.0 dB
Hollinger Office:	55.8 LAeq	119.6 dB
Noah:	61.4 LAeq	111.6 dB
Sandy:	45.9 LAeq	106.7 dB
Water Tower:	51.3 LAeq	117.2 dB
Wilson:	47.7 LAeq	106.1 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:	4.0	5.4	7.3	9.8
Edwards:	7.8	14.9	13.5	24.8
Hollinger Office:	10.5	34.6	14.8	52.0
Sandy:	4.5	6.1	7.5	10.1

# 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:	1.2	5.3
Edwards:	3.5	8.4
Hollinger Office:	2.9	6.9
Sandy:	2.4	3.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.6
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.1	0.1
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.1	0.2
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.1	0.1	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.1	0.2