

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3328\_003B&C, 3364\_235  
**Date:** 8-Jun-18  
**Blast Time:** 15:48  
**Blast Sign Activation:** 7:37  
**Website Notification Time:** 7:18

## Blast Conditions

Ceiling Height: 6000 ft  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 13 km/hr  
Wind Direction: NW  
Temperature: 22.9 °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**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	57.2 LAeq	112.2 dB
Edwards:	51.2 LAeq	109.8 dB
Fred:	45.9 LAeq	104.1 dB
Hollinger Office:	56.4 LAeq	112.9 dB
Noah:	62.1 LAeq	113.1 dB
Sandy:	47.8 LAeq	105.1 dB
Water Tower:	52.5 LAeq	116.9 dB
Wilson:	50.8 LAeq	107.8 dB

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

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	9.3	10.8	3.1	4.8
Edwards:	7.7	11.7	14.0	37.0
Hollinger Office:	13.1	17.5	12.6	23.8
Sandy:	17.0	32.2	23.7	47.8

# 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:	0.4	1.4
Edwards:	1.0	1.4
Hollinger Office:	2.4	6.1
Sandy:	1.8	4.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.4	0.5
Hollinger West:	2.2	1.0	2.5
Imerys:	1.2	0.8	0.9
Noah:	1.5	0.8	0.9
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.5	0.2	0.3
Water Tower:	2.2	0.9	1.6
Wilson:	1.8	1.1	2.4