

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_096  
**Date:** 23-Apr-18  
**Blast Time:** 15:53  
**Blast Sign Activation:** 7:38  
**Website Notification Time:** 7:28

## Blast Conditions

Ceiling Height: 25000 ft  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 22 km/hr  
Wind Direction: SW  
Temperature: 17.3 °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:	54.5 LAeq	111.1 dB
Edwards:	49.0 LAeq	111.4 dB
Fred:	46.9 LAeq	111.7 dB
Hollinger Office:	58.0 LAeq	112.2 dB
Noah:	62.1 LAeq	111.2 dB
Sandy:	48.6 LAeq	108.7 dB
Water Tower:	52.0 LAeq	118.9 dB
Wilson:	59.4 LAeq	112.4 dB

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

**Dust Alert: No Exceedances recorded at 24hr.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	11.3	13.2	10.5	14.2
Edwards:	16.0	23.3	26.1	46.4
Hollinger Office:	51.4	99.2	49.9	105.3
Sandy:	24.0	32.3	23.7	34.9

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## 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:	1.3	2.4
Edwards:	5.3	7.6
Hollinger Office:	7.3	12.3
Sandy:	1.5	2.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.3	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.6	0.8
Hollinger West:	0.4	0.2	0.3
Imerys:	1.3	1.8	1.0
Noah:	1.4	0.9	0.7
Moneta Pumping Station:	0.3	0.3	0.2
Sandy:	0.5	0.3	0.5
Water Tower:	0.8	0.7	0.8
Wilson:	0.9	0.6	0.8