

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_184  
**Date:** 8-Apr-18  
**Blast Time:** 15:40  
**Blast Sign Activation:** 7:38  
**Website Notification Time:** 7:48

## Blast Conditions

Ceiling Height: 3700 ft  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 7.5 km/hr  
Wind Direction: NW  
Temperature: -6.1 °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:	54.3 LAeq	109.8 dB
Edwards:	52.5 LAeq	95.8 dB
Fred:	42.8 LAeq	103.7 dB
Hollinger Office:	55.2 LAeq	103.5 dB
Noah:	62.1 LAeq	106.3 dB
Sandy:	41.0 LAeq	98.6 dB
Water Tower:	52.5 LAeq	109.1 dB
Wilson:	52.1 LAeq	100.1 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:	7.3	8.7	3.7	4.6
Edwards:	11.9	15.5	8.2	10.9
Hollinger Office:	18.5	22.3	12.1	14.3
Sandy:	7.9	8.8	4.7	5.8

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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:	1.5	3.4
Edwards:	0.9	2.8
Hollinger Office:	2.3	3.0
Sandy:	4.7	15.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	4.3	1.9	2.6
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.1	0.2	0.1
Imerys:	0.0	0.0	0.0
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.3	0.1	0.2
Water Tower:	0.3	0.1	0.2
Wilson:	0.3	0.3	0.3