

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_119  
**Date:** 8-Mar-18  
**Blast Time:** 11:38  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:21

## Blast Conditions

Ceiling Height: 600 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (snow)  
Wind Speed: 7 km/hr  
Wind Direction: NE  
Temperature: -3.8 °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: Extencicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	59.2 LAeq	104.6 dB
Edwards:	52.9 LAeq	101.5 dB
Fred:	45.9 LAeq	104.8 dB
Hollinger Office:	56.7 LAeq	106.1 dB
Noah:	62.1 LAeq	104.5 dB
Sandy:	55.1 LAeq	107.0 dB
Water Tower:	49.4 LAeq	115.6 dB
Wilson:	54.5 LAeq	106.8 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – 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:	6.2	7.1	3.2	3.8
Edwards:	2.9	3.3	6.3	8.3
Hollinger Office:	3.8	4.4	8.4	10.4
Sandy:	3.9	5.8	3.4	7.0

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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:	2.8	3.6
Edwards:	1.8	2.5
Hollinger Office:	6.6	20.1
Sandy:	6.2	18.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	0.2	0.2	0.2
Imerys:	0.3	0.3	0.2
Noah:	0.5	0.5	0.4
Moneta Pumping Station:	0.0	0.0	0.0
Sandy:	0.4	0.4	0.6
Water Tower:	0.5	0.2	0.4
Wilson:	0.6	0.9	0.7