

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_077  
**Date:** 1-Mar-18  
**Blast Time:** 11:33  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 7:40

## Blast Conditions

Ceiling Height: 1300 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 12.6 km/hr  
Wind Direction: NE  
Temperature: -7.6 °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:	52.6 LAeq	97.9 dB
Edwards:	46.3 LAeq	101.7 dB
Fred:	51.5 LAeq	100.0 dB
Hollinger Office:	55.4 LAeq	105.9 dB
Noah:	62.3 LAeq	105.3 dB
Sandy:	42.9 LAeq	106.1 dB
Water Tower:	46.8 LAeq	107.5 dB
Wilson:	52.0 LAeq	100.2 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:	5.3	6.1	2.9	3.3
Edwards:	2.8	3.8	7.5	12.0
Hollinger Office:	5.3	8.4	9.6	18.0
Sandy:	4.4	5.0	4.5	8.8

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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:	0.7	0.9
Edwards:	1.4	2.0
Hollinger Office:	5.7	6.5
Sandy:	3.1	5.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.7
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.4	0.4	0.5
Hollinger West:	0.2	0.2	0.2
Imerys:	0.4	0.4	0.4
Noah:	0.4	0.5	0.5
Moneta Pumping Station:	0.4	0.4	0.6
Sandy:	0.6	0.3	0.5
Water Tower:	0.4	0.3	0.4
Wilson:	0.9	1.1	1.2