

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_223H/J  
**Date:** 30-Jan-18  
**Blast Time:** 13:46  
**Blast Sign Activation:** 8:45  
**Website Notification Time:** 8:30

## Blast Conditions

Ceiling Height: 2200 ft  
Boundary Layer Height: none m  
Cloud Cover: 75% Cloudy  
Wind Speed: 2 km/hr  
Wind Direction: NW  
Temperature: -18.5 °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><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	49.7 LAeq	125.0 dB
Edwards:	36.9 LAeq	112.5 dB
Fred:	38.2 LAeq	102.7 dB
Hollinger Office:	50.8 LAeq	106.6 dB
Noah:	57.5 LAeq	102.2 dB
Sandy:	41.2 LAeq	94.6 dB
Water Tower:	40.9 LAeq	102.9 dB
Wilson:	53.8 LAeq	101.0 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:	3.5	4.9	1.8	2.4
Edwards:	2.1	4.6	2.0	3.2
Hollinger Office:	4.5	6.8	5.5	6.0
Sandy:	8.1	14.9	8.5	15.7

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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:	1.6	4.3
Edwards:	3.1	6.8
Hollinger Office:	4.7	8.3
Sandy:	5.9	11.2

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

**Vibration Alert: No exceedances recorded**

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