

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_239  
**Date:** 4-May-18  
**Blast Time:** 15:47  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:50

## Blast Conditions

Ceiling Height: 400 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 6 km/hr  
Wind Direction: E  
Temperature: 6.7 °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:	58.3 LAeq	109.9 dB
Edwards:	47.9 LAeq	99.3 dB
Fred:	44.4 LAeq	91.1 dB
Hollinger Office:	57.6 LAeq	107.5 dB
Noah:	65.5 LAeq	98.9 dB
Sandy:	44.6 LAeq	94.5 dB
Water Tower:	50.5 LAeq	101.1 dB
Wilson:	52.0 LAeq	93.6 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:	8.3	9.1	9.2	9.5
Edwards:	5.1	5.7	6.7	8.0
Hollinger Office:	10.1	15.6	10.0	23.4
Sandy:	4.9	6.4	3.7	5.3

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

## 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:	2.2	3.0
Edwards:	2.1	2.5
Hollinger Office:	14.7	108.1
Sandy:	3.2	6.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	3.3	1.7	1.7
Edwards:	0.4	0.2	0.3
Hollinger Office:	0.4	0.3	0.6
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.2	0.3
Noah:	0.5	0.2	0.5
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.2	0.1	0.2
Water Tower:	0.0	0.0	0.0
Wilson:	0.5	0.2	0.5