

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_098  
**Date:** 21-Apr-18  
**Blast Time:** 15:53  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 15 km/hr  
Wind Direction: S  
Temperature: 11.9 °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:	53.3 LAeq	96.8 dB
Edwards:	43.7 LAeq	94.4 dB
Fred:	40.5 LAeq	96.9 dB
Hollinger Office:	53.1 LAeq	102.3 dB
Noah:	60.6 LAeq	96.6 dB
Sandy:	40.7 LAeq	104.7 dB
Water Tower:	45.2 LAeq	115.4 dB
Wilson:	44.2 LAeq	105.9 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:	8.8	9.3	6.6	7.2
Edwards:	9.5	11.9	11.5	16.4
Hollinger Office:	19.1	23.9	17.4	28.6
Sandy:	7.4	9.3	7.3	9.0

# 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:	0.5	0.8
Edwards:	0.4	1.0
Hollinger Office:	2.0	2.7
Sandy:	5.7	24.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.3	0.6
Hollinger West:	0.6	0.3	0.5
Imerys:	1.2	1.2	0.7
Noah:	1.4	1.8	1.4
Moneta Pumping Station:	0.3	0.3	0.2
Sandy:	0.4	0.3	0.4
Water Tower:	1.4	1.2	1.3
Wilson:	1.2	1.1	1.0