

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_100  
**Date:** 2-Feb-18  
**Blast Time:** 11:35  
**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: 17 km/hr  
Wind Direction: W  
Temperature: -21.2 °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:	52.8 LAeq	109.1 dB
Edwards:	47.2 LAeq	100.2 dB
Fred:	42.7 LAeq	102.3 dB
Hollinger Office:	54.0 LAeq	113.6 dB
Noah:	62.8 LAeq	107.7 dB
Sandy:	43.5 LAeq	110.9 dB
Water Tower:	62.5 LAeq	117.3 dB
Wilson:	64.0 LAeq	111.3 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:	4.9	5.9	2.2	3.5
Edwards:	4.8	9.5	9.5	25.6
Hollinger Office:	6.2	10.7	8.5	13.8
Sandy:	3.1	3.6	5.3	6.3

# 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:	4.7	8.7
Edwards:	8.8	17.5
Hollinger Office:	7.0	9.5
Sandy:	2.6	3.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.8	0.8	1.6
Hollinger West:	0.4	0.4	0.4
Imerys:	2.5	1.5	1.1
Noah:	1.6	1.7	3.0
Moneta Pumping Station:	0.6	0.4	0.6
Sandy:	0.8	0.4	0.7
Water Tower:	0.9	1.1	1.2
Wilson:	1.6	1.9	1.7