

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_006  
**Date:** 28-Dec-16  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** 8:15

## Blast Conditions

Ceiling Height: 310 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 15 km/hr  
Wind Direction: NNE  
Temperature: -13.8 °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:	49.9 LAeq	100.4 dB
Edwards:	48.3 LAeq	98.8 dB
Fred:	41.9 LAeq	96.0 dB
Hollinger Office:	56.1 LAeq	106.7 dB
Noah:	57.1 LAeq	103.5 dB
Sandy:	50.9 LAeq	110.5 dB
Water Tower:	53.7 LAeq	115.1 dB
Wilson:	49.7 LAeq	108.0 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No exceedances recorded.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	2.6	3.3	2.3	3.5
Edwards:	2.1	4.0	2.3	3.7
Hollinger Office:	2.9	5.7	4.5	23.7
Hollinger Park:	1.2	1.4	3.4	5.0
Sandy:	2.1	2.9	1.2	2.2

# 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:	1.7	5.9
Edwards:	1.3	4.6
Hollinger Office:	6.6	30.2
Hollinger Park:	4.6	5.9
Sandy:	4.4	7.8

## 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	0.2	0.2
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	0.7	0.4	0.9
Imerys:	0.4	0.3	0.4
Noah:	0.9	0.4	1.0
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	1.1	1.0	1.1
Water Tower:	0.4	0.3	0.3
Wilson:	2.0	1.2	1.9