

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_004/3346\_005A Pre Shear  
**Date:** 7-Jan-17  
**Blast Time:** 11:38  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 6 km/hr  
Wind Direction: SW  
Temperature: -19.8 °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: Extencicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	47.7 LAeq	98.6 dB
Edwards:	49.0 LAeq	96.0 dB
Fred:	38.5 LAeq	89.7 dB
Hollinger Office:	54.6 LAeq	108.8 dB
Noah:	54.2 LAeq	105.8 dB
Sandy:	51.8 LAeq	113.8 dB
Water Tower:	44.3 LAeq	118.6 dB
Wilson:	55.0 LAeq	107.6 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:	7.1	10.8	5.7	9.6
Edwards:	4.9	7.5	15.5	33.1
Hollinger Office:	7.3	14.8	15.1	66.8
Hollinger Park:	2.3	2.8	9.2	13.8
Sandy:	2.1	3.1	4.6	6.6

# 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:	18.6	37.8
Edwards:	45.6	69.1
Hollinger Office:	0.0	0.0
Hollinger Park:	18.2	27.2
Sandy:	8.3	19.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.8	0.4	0.7
Imerys:	0.3	0.3	0.4
Noah:	0.5	0.4	0.5
Moneta Pumping Station:	2.3	1.4	1.9
Sandy:	1.8	1.6	1.3
Water Tower:	0.5	0.5	0.3
Wilson:	1.1	0.8	1.6