

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_070/064A  
**Date:** 18-Mar-16  
**Blast Time:** 11:41  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** n/a

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 6.7 km/hr  
Wind Direction: E  
Temperature: -9.2 °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:	54.0 LAeq	105.0 dB
Edwards:	49.1 LAeq	94.8 dB
Fred:	42.6 LAeq	103.8 dB
Hollinger Office:	57.8 LAeq	105.5 dB
Noah:	61.2 LAeq	107.0 dB
Sandy:	60.1 LAeq	109.8 dB
Water Tower:	49.1 LAeq	111.3 dB
Wilson:	45.6 LAeq	100.4 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:	4.8	5.5	2.1	2.8
Edwards:	5.4	6.8	14.4	20.9
Hollinger Office:	21.6	39.3	29.8	63.5
Hollinger Park:	23.6	30.0	38.2	62.8
Sandy:	6.7	7.9	7.0	9.3

# 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:	0.9	1.5
Edwards:	1.3	1.5
Hollinger Office:	3.9	6.1
Hollinger Park:	2.7	5.3
Sandy:	1.2	1.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.2
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.5	0.4	0.4
Hollinger West:	1.7	0.2	0.2
Imerys:	0.5	0.3	0.6
Noah:	1.2	0.6	1.0
Moneta Pumping Station:	0.5	0.4	0.6
Sandy:	0.6	0.7	1.0
Water Tower:	0.5	0.4	0.5
Wilson:	1.6	1.0	1.7