

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_059B/3376\_083  
**Date:** 8-Dec-15  
**Blast Time:** 11:33  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 335 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 14.8 km/hr  
Wind Direction: N  
Temperature: 2 °C

## Noise Levels (L<sub>Aeq</sub>) – 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:	54.8 LAeq	115.5 dB
Edwards:	64.3 LAeq	105.0 dB
Fred:	45.8 LAeq	103.8 dB
Hollinger Office:	56.7 LAeq	107.7 dB
Noah:	61.0 LAeq	107.0 dB
Sandy:	53.2 LAeq	105.3 dB
Water Tower:	54.9 LAeq	111.0 dB
Wilson:	53.3 LAeq	106.0 dB

## Dust Levels (µg/m<sup>3</sup>) – 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:	19.3	21.3	19.4	21.5
Edwards:	16.4	17.8	29.6	31.9
Hollinger Office:	28.5	30.9	28.1	30.2
Hollinger Park:	11.0	12.0	28.0	31.1
Sandy:	12.8	15.7	23.2	32.4

# 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:	4.0	7.4
Edwards:	2.3	4.2
Hollinger Office:	4.2	8.6
Hollinger Park:	1.2	1.8
Sandy:	2.7	4.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.6
Edwards:	0.4	0.6	0.4
Hollinger Office:	0.2	0.3	0.2
Hollinger West:	1.7	0.1	0.4
Imerys:	0.2	0.3	0.2
Noah:	0.3	0.2	0.6
Moneta Pumping Station:	0.9	0.7	0.6
Sandy:	2.5	2.0	2.7
Water Tower:	0.3	0.1	0.4
Wilson:	0.7	0.4	0.5