

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_068  
**Date:** 22-Apr-16  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1600 m  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 15 km/hr  
Wind Direction: N  
Temperature: -2.1 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due to blast sirens.**

### **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:	56.2 LAeq	111.1 dB
Edwards:	51.4 LAeq	100.0 dB
Fred:	45.8 LAeq	103.0 dB
Hollinger Office:	58.2 LAeq	109.0 dB
Noah:	61.9 LAeq	103.7 dB
Sandy:	50.9 LAeq	105.8 dB
Water Tower:	49.7 LAeq	106.8 dB
Wilson:	48.4 LAeq	103.0 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:	12.6	13.0	1.2	2.8
Edwards:	2.6	2.9	10.6	12.5
Hollinger Office:	4.6	5.5	13.1	17.7
Hollinger Park:	3.1	3.3	8.7	11.9
Sandy:	9.6	13.2	13.0	23.7

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## 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:	1.2	1.7
Hollinger Office:	4.8	7.7
Hollinger Park:	1.6	2.9
Sandy:	8.1	42.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.9	0.7
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.8	0.3	0.4
Hollinger West:	1.6	0.1	0.2
Imerys:	0.4	0.5	0.5
Noah:	0.4	0.3	0.6
Moneta Pumping Station:	0.8	0.9	0.6
Sandy:	0.4	0.6	0.6
Water Tower:	0.3	0.1	0.5
Wilson:	0.7	0.5	0.5