

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_192  
**Date:** 16-Oct-16  
**Blast Time:** 11:37  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 701  
Boundary Layer Height: none  
Cloud Cover: 75% Cloudy  
Wind Speed: 5.1  
Wind Direction: E  
Temperature: 12.7 °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:	57.2 LAeq	109.3 dB
Edwards:	54.1 LAeq	108.3 dB
Fred:	46.5 LAeq	108.1 dB
Hollinger Office:	59.4 LAeq	113.2 dB
Noah:	60.7 LAeq	108.9 dB
Sandy:	62.3 LAeq	109.7 dB
Water Tower:	52.9 LAeq	120.2 dB
Wilson:	48.3 LAeq	105.9 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:	6.1	6.8	12.2	13.4
Edwards:	8.3	8.5	13.7	17.2
Hollinger Office:	13.1	14.9	17.7	20.9
Hollinger Park:	11.5	12.5	17.6	22.1
Sandy:	7.7	9.0	11.6	15.5

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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:	0.5	0.8
Edwards:	0.3	1.4
Hollinger Office:	1.3	1.8
Hollinger Park:	1.7	2.5
Sandy:	2.9	8.4

## 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:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.3	0.1	0.3
Imerys:	0.4	0.3	0.5
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.8	0.5	0.6
Sandy:	1.1	1.3	0.9
Water Tower:	0.4	0.2	0.3
Wilson:	1.4	1.1	1.4