

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3373\_008  
**Date:** 09-Nov-15  
**Blast Time:** 11:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: unlimited m  
Boundary Layer Height: None m  
Cloud Cover: 0% Clear  
Wind Speed: 8.8 km/hr  
Wind Direction: NE  
Temperature: 10.6 °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:	60.6 LAeq	109.4 dB
Edwards:	62.6 LAeq	104.5 dB
Fred:	45.6 LAeq	106.2 dB
Hollinger Office:	58.2 LAeq	110.4 dB
Noah:	61.2 LAeq	106.7 dB
Sandy:	51.7 LAeq	106.4 dB
Water Tower:	53.6 LAeq	109.1 dB
Wilson:	50.5 LAeq	104.9 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: Bugs in TSP at Claimpost.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	11.6	13.5	24034.9	24114.2
Edwards:	11.2	15.4	26.2	48.0
Hollinger Office:	13.3	17.7	19.9	24.4
Hollinger Park:	12.5	17.3	33.4	53.7
Sandy:	6.9	7.7	15.6	17.1

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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:	2.1	3.5
Edwards:	7.0	17.0
Hollinger Office:	4.7	8.1
Hollinger Park:	5.1	11.0
Sandy:	1.2	1.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.3	0.5
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.1	0.0	0.2
Imerys:	0.3	0.2	0.4
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	1.5	0.6	0.8
Sandy:	0.4	0.2	0.4
Water Tower:	0.1	0.1	0.2
Wilson:	0.2	0.3	0.2