

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3373\_068A  
**Date:** 5-Dec-15  
**Blast Time:** 11:35  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 11:00

## Blast Conditions

Ceiling Height: unlimited m  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 9 km/hr  
Wind Direction: S  
Temperature: 8.5 °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:	53.7 LAeq	107.4 dB
Edwards:	52.3 LAeq	105.6 dB
Fred:	46.4 LAeq	110.1 dB
Hollinger Office:	60.6 LAeq	110.4 dB
Noah:	59.3 LAeq	113.3 dB
Sandy:	58.9 LAeq	105.9 dB
Water Tower:	50.3 LAeq	110.9 dB
Wilson:	48.8 LAeq	106.3 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:	4.6	5.3	7.0	8.6
Edwards:	2.0	3.1	7.9	13.0
Hollinger Office:	3.8	5.9	10.3	15.7
Hollinger Park:	2.2	3.0	7.6	14.0
Sandy:	1.1	1.6	4.4	6.5

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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:	1.0	1.6
Edwards:	6.8	18.1
Hollinger Office:	3.3	6.7
Hollinger Park:	1.7	7.1
Sandy:	1.1	1.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.7
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	1.7	0.1	0.3
Imerys:	0.3	0.2	0.4
Noah:	0.3	0.2	0.4
Moneta Pumping Station:	0.7	0.4	0.6
Sandy:	2.5	1.3	3.2
Water Tower:	0.6	0.7	1.0
Wilson:	0.7	0.7	1.0