

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3373\_068B  
**Date:** 11-Dec-15  
**Blast Time:** 13:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 122 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 11 km/hr  
Wind Direction: NW  
Temperature: 1.4 °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: Extendicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	59.3 LAeq	113.4 dB
Edwards:	57.9 LAeq	106.5 dB
Fred:	50.4 LAeq	111.2 dB
Hollinger Office:	59.8 LAeq	108.9 dB
Noah:	63.7 LAeq	109.1 dB
Sandy:	55.1 LAeq	112.0 dB
Water Tower:	55.5 LAeq	119.5 dB
Wilson:	51.4 LAeq	106.2 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – 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:	1.8	1.9	0.3	0.6
Edwards:	0.8	0.8	0.7	1.2
Hollinger Office:	2.0	2.4	2.3	2.8
Hollinger Park:	3.9	4.4	0.5	1.3
Sandy:	0.3	0.4	0.0	0.0

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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:	1.2	2.0
Edwards:	2.0	2.8
Hollinger Office:	3.7	8.7
Hollinger Park:	4.0	7.6
Sandy:	1.6	1.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.5	0.7
Edwards:	0.7	0.5	0.4
Hollinger Office:	0.3	0.2	0.6
Hollinger West:	1.7	0.0	0.0
Imerys:	0.4	0.2	0.3
Noah:	0.5	0.2	0.7
Moneta Pumping Station:	0.8	0.4	0.6
Sandy:	4.2	1.4	2.1
Water Tower:	0.3	0.1	0.3
Wilson:	0.4	0.6	0.7