

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_107  
**Date:** 16-Dec-15  
**Blast Time:** 11:32  
**Blast Sign Activation:** 9:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 339 m  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 10 km/hr  
Wind Direction: E  
Temperature: -7.8 °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><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	55.9 LAeq	101.7 dB
Edwards:	51.2 LAeq	112.1 dB
Fred:	47.4 LAeq	108.1 dB
Hollinger Office:	70.7 LAeq	114.3 dB
Noah:	59.3 LAeq	110.9 dB
Sandy:	53.7 LAeq	108.6 dB
Water Tower:	50.9 LAeq	109.9 dB
Wilson:	53.4 LAeq	110.2 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:	4.8	5.4	3.6	3.9
Edwards:	3.6	3.8	6.0	6.4
Hollinger Office:	5.1	6.2	6.8	9.6
Hollinger Park:	6.4	6.7	5.0	5.9
Sandy:	5.1	5.7	3.2	3.9

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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:	2.0	2.9
Edwards:	3.1	5.4
Hollinger Office:	15.4	29.5
Hollinger Park:	3.9	8.1
Sandy:	0.8	1.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.3	0.4	0.3
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	1.7	0.1	0.2
Imerys:	0.2	0.2	0.1
Noah:	0.2	0.3	0.4
Moneta Pumping Station:	2.2	1.0	2.2
Sandy:	3.7	3.7	3.1
Water Tower:	0.2	0.2	0.2
Wilson:	0.5	0.5	0.5