

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3373\_055  
**Date:** 18-Dec-15  
**Blast Time:** 11:35  
**Blast Sign Activation:** 8:10  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1402 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 9 km/hr  
Wind Direction: S  
Temperature: -3.8 °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:	53.4 LAeq	109.0 dB
Edwards:	59.7 LAeq	107.3 dB
Fred:	45.6 LAeq	102.5 dB
Hollinger Office:	63.6 LAeq	113.9 dB
Noah:	58.5 LAeq	109.2 dB
Sandy:	60.5 LAeq	108.1 dB
Water Tower:	53.6 LAeq	114.2 dB
Wilson:	50.5 LAeq	106.9 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:	4.0	4.8	4.3	5.3
Edwards:	2.2	2.5	5.0	5.8
Hollinger Office:	4.4	6.9	7.6	14.1
Hollinger Park:	2.2	2.7	5.0	7.8
Sandy:	1.7	2.7	3.1	6.8

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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	2.0
Edwards:	1.8	4.1
Hollinger Office:	2.1	3.5
Hollinger Park:	2.4	3.1
Sandy:	1.3	1.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.5
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.5	0.2	0.6
Hollinger West:	0.1	0.2	0.6
Imerys:	0.4	0.2	0.4
Noah:	0.9	0.3	0.5
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	4.1	2.1	3.0
Water Tower:	0.4	0.3	0.5
Wilson:	1.4	0.9	1.3