

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_111  
**Date:** 15-Dec-15  
**Blast Time:** 11:53  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 304 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 21 km/hr  
Wind Direction: N  
Temperature: 1 °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:	59.6 LAeq	116.6 dB
Edwards:	57.0 LAeq	110.4 dB
Fred:	60.7 LAeq	119.5 dB
Hollinger Office:	67.2 LAeq	121.5 dB
Noah:	63.7 LAeq	116.6 dB
Sandy:	58.6 LAeq	115.1 dB
Water Tower:	56.9 LAeq	118.5 dB
Wilson:	60.9 LAeq	118.3 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:	4.2	4.8	3.1	3.6
Edwards:	5.3	5.6	7.4	8.1
Hollinger Office:	7.4	8.3	6.9	7.9
Hollinger Park:	4.1	4.5	6.3	10.3
Sandy:	23.9	30.2	15.7	18.6

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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:	0.6	1.0
Edwards:	3.5	9.4
Hollinger Office:	5.1	7.5
Hollinger Park:	4.0	7.6
Sandy:	5.3	8.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	1.7	0.2	0.2
Imerys:	0.4	0.2	0.3
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	0.9	0.7	1.1
Sandy:	6.5	4.5	5.6
Water Tower:	0.3	0.2	0.4
Wilson:	1.2	0.7	0.8