

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_060  
**Date:** 26-Sep-15  
**Blast Time:** 11:38  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 2316 m  
Boundary Layer Height: None m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 7.6 km/hr  
Wind Direction: NE  
Temperature: 14.5 °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:	54.3 LAeq	102.4 dB
Edwards:	52.9 LAeq	101.9 dB
Fred:	45.5 LAeq	101.8 dB
Hollinger Office:	60.9 LAeq	103.0 dB
Noah:	60.7 LAeq	100.6 dB
Sandy:	56.1 LAeq	108.6 dB
Water Tower:	50.3 LAeq	101.8 dB
Wilson:	49.5 LAeq	98.2 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:	5.3	5.6	10.5	13.3
Edwards:	4.4	5.2	7.5	8.3
Hollinger Office:	12.4	36.5	12.9	35.2
Hollinger Park:	5.5	6.9	9.4	13.3
Sandy:	4.6	5.1	4.9	6.9

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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:	1.8	6.3
Edwards:	0.9	1.8
Hollinger Office:	10.6	31.3
Hollinger Park:	2.0	4.4
Sandy:	0.6	1.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	3.3	1.1	2.4
Sandy:	5.5	2.5	4.3
Water Tower:	0.4	0.2	0.4
Wilson:	0.5	0.6	0.5