

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_157  
**Date:** 8-Sep-16  
**Blast Time:** 11:39  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 274 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 9.3 km/hr  
Wind Direction: SW  
Temperature: 12.7 °C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Wilson Exceedance due to Tech fixing station prior to blast**

### **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:	57.2 LAeq	108.7 dB
Edwards:	54.5 LAeq	103.3 dB
Fred:	45.5 LAeq	90.0 dB
Hollinger Office:	68.2 LAeq	118.3 dB
Noah:	62.2 LAeq	112.0 dB
Sandy:	62.0 LAeq	114.6 dB
Water Tower:	59.3 LAeq	115.8 dB
Wilson:	67.3 LAeq	141.1 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	2.1	2.7	3.2
Edwards:	4.2	6.0	9.6	13.9
Hollinger Office:	6.1	9.1	10.7	13.5
Hollinger Park:	12.5	21.4	14.6	22.7
Sandy:	8.2	13.9	9.9	17.8

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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:	0.3	1.1
Edwards:	1.1	1.4
Hollinger Office:	2.1	3.5
Hollinger Park:	3.1	7.1
Sandy:	7.0	14.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.9	0.2	0.7
Hollinger West:	0.2	0.1	0.2
Imerys:	0.6	0.4	0.7
Noah:	0.8	0.4	0.8
Moneta Pumping Station:	0.6	0.2	0.5
Sandy:	0.3	0.5	0.3
Water Tower:	0.5	0.3	0.7
Wilson:	0.7	0.4	0.9