

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_208 A&B  
**Date:** 12-Apr-17  
**Blast Time:** 15:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 8900 m  
Boundary Layer Height: none m  
Cloud Cover: 75% Cloudy  
Wind Speed: 13.6 km/hr  
Wind Direction: NE  
Temperature: 8.1 °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:	56.9 LAeq	111.6 dB
Edwards:	50.5 LAeq	108.8 dB
Fred:	45.7 LAeq	106.0 dB
Hollinger Office:	56.0 LAeq	112.0 dB
Noah:	61.3 LAeq	103.6 dB
Sandy:	59.6 LAeq	110.7 dB
Water Tower:	50.3 LAeq	117.6 dB
Wilson:	49.4 LAeq	104.7 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:	6.4	6.9	7.2	7.7
Edwards:	5.1	6.5	13.5	19.7
Hollinger Office:	9.3	12.1	28.0	45.6
Hollinger Park:	21.3	33.5	53.5	87.6
Sandy:	9.8	17.4	14.2	29.6

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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:	2.6	3.4
Edwards:	1.0	1.3
Hollinger Office:	4.0	8.3
Hollinger Park:	4.4	7.6
Sandy:	5.4	16.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.1	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	1.0	1.2	1.3
Noah:	1.0	1.2	1.3
Moneta Pumping Station:	0.9	0.2	1.0
Sandy:	0.1	0.0	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.4	0.3	0.4