

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_121  
**Date:** 1-Jul-16  
**Blast Time:** 15:32  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 1219 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 4.5 km/hr  
Wind Direction: E  
Temperature: 14 °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:	54.4 LAeq	105.8 dB
Edwards:	55.7 LAeq	97.7 dB
Fred:	44.5 LAeq	100.3 dB
Hollinger Office:	60.5 LAeq	109.9 dB
Noah:	60.2 LAeq	107.2 dB
Sandy:	54.3 LAeq	103.5 dB
Water Tower:	53.2 LAeq	109.6 dB
Wilson:	49.2 LAeq	100.6 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:	3.1	3.3	2.2	3.2
Edwards:	4.7	4.9	4.8	6.1
Hollinger Office:	5.6	7.3	5.7	7.4
Hollinger Park:	5.3	6.5	8.3	12.4
Sandy:	5.9	11.6	6.2	13.7

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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:	0.1	0.3
Edwards:	0.0	0.0
Hollinger Office:	0.9	1.2
Hollinger Park:	1.2	1.8
Sandy:	1.6	3.2

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

**Vibration Alert: No exceedances recorded**

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