

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_122  
**Date:** 4-Jul-16  
**Blast Time:** 11:39  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 6096 m  
Boundary Layer Height: none m  
Cloud Cover: 75% Cloudy  
Wind Speed: 10 km/hr  
Wind Direction: SW  
Temperature: 25.2 °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:	60.3 LAeq	109.4 dB
Edwards:	60.3 LAeq	107.1 dB
Fred:	46.9 LAeq	105.0 dB
Hollinger Office:	62.2 LAeq	116.0 dB
Noah:	62.1 LAeq	108.0 dB
Sandy:	59.4 LAeq	107.8 dB
Water Tower:	56.5 LAeq	115.4 dB
Wilson:	49.4 LAeq	104.5 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:	6.6	8.3	10.2	13.0
Edwards:	23.3	49.5	51.9	133.0
Hollinger Office:	36.8	44.7	41.3	52.7
Hollinger Park:	16.7	21.4	22.1	29.1
Sandy:	3.8	5.2	11.3	15.4

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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:	2.0	2.8
Edwards:	2.3	5.1
Hollinger Office:	11.7	14.9
Hollinger Park:	2.5	9.3
Sandy:	0.8	1.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.1	0.4	1.0
Hollinger West:	0.1	0.1	0.1
Imerys:	0.5	0.2	0.3
Noah:	0.5	0.3	0.4
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.4	0.1
Water Tower:	0.4	0.2	0.4
Wilson:	0.3	0.2	0.4