

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_022  
**Date:** 23-Jun-17  
**Blast Time:** 8:00  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 11:55

## Blast Conditions

Ceiling Height: 3048 m  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 11 km/hr  
Wind Direction: NW  
Temperature: 22.6 °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:	54.8 LAeq	102.9 dB
Edwards:	50.9 LAeq	100.4 dB
Fred:	46.5 LAeq	98.4 dB
Hollinger Office:	55.6 LAeq	108.0 dB
Noah:	61.9 LAeq	101.7 dB
Sandy:	46.6 LAeq	113.2 dB
Water Tower:	64.6 LAeq	106.6 dB
Wilson:	47.3 LAeq	100.2 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:	6.3	7.3	15.4	17.0
Edwards:	10.3	13.5	19.9	27.2
Hollinger Office:	23.5	36.1	33.9	47.6
Sandy:	9.7	13.8	15.3	21.5

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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:	0.0	0.0
Edwards:	3.0	4.9
Hollinger Office:	6.1	13.5
Sandy:	1.0	1.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.4
Edwards:	0.3	0.2	0.5
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	0.5	0.4	0.4
Imerys:	0.4	0.2	0.3
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	5.7	3.1	5.5
Sandy:	2.3	1.4	2.2
Water Tower:	0.5	0.3	0.6
Wilson:	1.0	0.7	1.1