

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_067  
**Date:** 2-Jul-17  
**Blast Time:** 11:44  
**Blast Sign Activation:** 7:24  
**Website Notification Time:** 7:14

## Blast Conditions

Ceiling Height: 3352 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 9.5 km/hr  
Wind Direction: NE  
Temperature: 16.1 °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:	54.2 LAeq	103.6 dB
Edwards:	49.2 LAeq	104.6 dB
Fred:	46.4 LAeq	99.8 dB
Hollinger Office:	54.4 LAeq	107.3 dB
Noah:	60.2 LAeq	101.9 dB
Sandy:	48.7 LAeq	103.4 dB
Water Tower:	49.9 LAeq	107.3 dB
Wilson:	49.1 LAeq	104.2 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:	6.7	7.2	18.6	19.9
Edwards:	9.1	10.6	15.0	19.6
Hollinger Office:	19.0	31.4	26.4	57.7
Sandy:	5.9	7.2	9.0	10.4

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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:	0.0	0.0
Edwards:	7.2	12.7
Hollinger Office:	3.4	6.1
Sandy:	0.6	1.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	0.2	0.2	0.2
Imerys:	0.4	0.3	0.4
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	0.9	0.6	0.6
Sandy:	0.6	0.4	0.5
Water Tower:	0.4	0.2	0.3
Wilson:	0.8	0.6	1.9