

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_108  
**Date:** 26-Jun-17  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:55

## Blast Conditions

Ceiling Height: 2133 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 3 km/hr  
Wind Direction: SE  
Temperature: 11.6 °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><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	52.9 LAeq	102.0 dB
Edwards:	46.5 LAeq	99.2 dB
Fred:	44.9 LAeq	90.2 dB
Hollinger Office:	55.3 LAeq	109.0 dB
Noah:	62.1 LAeq	101.3 dB
Sandy:	43.6 LAeq	101.9 dB
Water Tower:	64.5 LAeq	104.2 dB
Wilson:	48.5 LAeq	96.0 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:	1.9	2.5	4.5	6.9
Edwards:	4.2	7.3	4.0	7.0
Hollinger Office:	5.5	8.9	7.5	33.5
Sandy:	4.7	7.6	5.1	12.4

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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:	0.8	1.3
Hollinger Office:	4.0	8.2
Sandy:	1.1	2.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.3	0.2	0.2
Imerys:	0.5	0.4	0.4
Noah:	1.0	0.3	0.6
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	0.4	0.2	0.4
Water Tower:	0.3	0.3	0.5
Wilson:	1.1	0.8	0.8