

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_009 A/B  
**Date:** 11-Jun-17  
**Blast Time:** 15:39  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: none m  
Cloud Cover: 75% Cloudy  
Wind Speed: 3.2 km/hr  
Wind Direction: E  
Temperature: 20.9 °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:	55.1 LAeq	109.6 dB
Edwards:	49.0 LAeq	108.4 dB
Fred:	42.3 LAeq	99.8 dB
Hollinger Office:	55.2 LAeq	113.2 dB
Noah:	61.3 LAeq	118.3 dB
Sandy:	42.3 LAeq	109.4 dB
Water Tower:	51.0 LAeq	121.3 dB
Wilson:	45.3 LAeq	103.6 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:	0.9	1.2	3.3	3.8
Edwards:	14.3	82.9	0.0	0.0
Hollinger Office:	11.9	12.9	6.7	7.7
Sandy:	9.9	16.2	11.3	26.4

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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:	0.3	1.0
Edwards:	0.0	0.0
Hollinger Office:	1.1	3.2
Sandy:	3.4	8.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	3.9	1.4	2.9
Imerys:	1.6	1.1	2.2
Noah:	2.8	2.7	1.6
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	0.4	0.3	0.5
Water Tower:	0.8	2.1	1.4
Wilson:	3.1	2.1	2.0