

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_097  
**Date:** 5-Jun-18  
**Blast Time:** 15:51  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 4000 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 28 km/hr  
Wind Direction: N  
Temperature: 12.1 °C

## Noise Levels (L<sub>Aeq</sub>) – 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:	58.6 LAeq	107.1 dB
Edwards:	53.1 LAeq	115.8 dB
Fred:	49.5 LAeq	108.9 dB
Hollinger Office:	57.1 LAeq	111.6 dB
Noah:	62.2 LAeq	109.5 dB
Sandy:	49.5 LAeq	112.5 dB
Water Tower:	51.8 LAeq	115.5 dB
Wilson:	53.9 LAeq	112.8 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	8.9	9.4	3.3	4.6
Edwards:	7.0	7.5	12.2	15.9
Hollinger Office:	13.4	15.6	15.1	19.9
Sandy:	22.1	35.1	22.4	42.6

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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:	0.5	1.4
Edwards:	0.8	1.3
Hollinger Office:	3.3	4.4
Sandy:	9.3	12.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.5	0.8
Hollinger West:	0.4	0.4	0.5
Imerys:	2.0	1.8	1.7
Noah:	1.1	1.3	1.1
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.5	0.2	0.4
Water Tower:	4.9	2.7	5.1
Wilson:	1.5	0.7	0.9