

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_113A/3358\_183  
**Date:** 10-Jul-18  
**Blast Time:** 15:45  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 6200 ft  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 10.9 km/hr  
Wind Direction: NW  
Temperature: 22.2 °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: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	56.2 LAeq	108.4 dB
Edwards:	51.3 LAeq	100.6 dB
Fred:	45.3 LAeq	107.6 dB
Hollinger Office:	58.0 LAeq	110.2 dB
Noah:	62.4 LAeq	104.7 dB
Sandy:	48.5 LAeq	117.0 dB
Water Tower:	51.4 LAeq	114.8 dB
Wilson:	50.3 LAeq	110.3 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:	2.1	2.3	0.7	1.2
Edwards:	4.2	5.8	6.8	14.9
Hollinger Office:	5.4	7.8	6.9	15.5
Sandy:	8.2	22.3	10.8	25.1

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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:	0.9	1.0
Edwards:	0.6	0.7
Hollinger Office:	1.8	2.3
Sandy:	1.5	2.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.3	0.5	0.7
Edwards:	0.2	0.3	0.4
Hollinger Office:	0.2	0.3	0.3
Hollinger West:	0.2	0.2	0.3
Imerys:	0.4	0.3	0.5
Noah:	0.4	0.4	0.6
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	1.5	1.3	1.1
Water Tower:	0.5	0.3	0.7
Wilson:	1.2	1.4	1.2