

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_128  
**Date:** 6-Aug-18  
**Blast Time:** 11:39  
**Blast Sign Activation:** 7:43  
**Website Notification Time:** 7:20

## Blast Conditions

Ceiling Height: 2000 ft  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 4 km/hr  
Wind Direction: SW  
Temperature: 23.1 °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:	52.6 LAeq	108.0 dB
Edwards:	52.3 LAeq	99.1 dB
Fred:	41.6 LAeq	89.9 dB
Hollinger Office:	52.9 LAeq	111.8 dB
Noah:	58.1 LAeq	104.8 dB
Sandy:	52.0 LAeq	106.6 dB
Water Tower:	46.6 LAeq	117.4 dB
Wilson:	50.7 LAeq	102.4 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:	16.7	18.3	34.5	37.1
Edwards:	9.3	11.1	32.7	40.0
Hollinger Office:	17.6	27.1	36.8	60.8
Sandy:	12.7	14.1	19.3	23.2

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## NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
Claimpost:	3.0	4.0
Edwards:	2.3	4.2
Hollinger Office:	2.5	3.8
Sandy:	1.2	2.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	0.3	0.2	0.3
Imerys:	0.4	0.4	0.5
Noah:	0.9	0.4	0.5
Moneta Pumping Station:	0.5	0.5	0.6
Sandy:	2.1	1.5	1.4
Water Tower:	0.9	0.3	0.4
Wilson:	1.5	1.5	1.2