

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_044  
**Date:** 6-Apr-19  
**Blast Time:** 15:44  
**Blast Sign Activation:** 7:16  
**Website Notification Time:** 7:07

## Blast Conditions

Ceiling Height: 2500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 7 km/hr  
Wind Direction: W  
Temperature: 1.3 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

### 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:	53.9 LAeq	104.0 dB
Edwards:	46.2 LAeq	91.4 dB
Fred:	40.3 LAeq	89.4 dB
Hollinger Office:	54.0 LAeq	106.3 dB
Noah:	59.7 LAeq	98.9 dB
Sandy:	40.7 LAeq	105.6 dB
Water Tower:	46.3 LAeq	109.7 dB
Wilson:	43.1 LAeq	102.1 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:	6.7	7.4	4.9	5.6
Edwards:	6.1	6.6	9.0	10.3
Hollinger Office:	7.0	9.6	9.4	15.9
Sandy:	3.6	3.9	3.7	4.4

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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:	1.0	1.3
Edwards:	0.8	1.0
Hollinger Office:	2.9	4.3
Sandy:	2.2	3.1

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

**Vibration Alert: No exceedances recorded**

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



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