

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_047  
**Date:** 23-Apr-19  
**Blast Time:** 11:48  
**Blast Sign Activation:** 8:40  
**Website Notification Time:** 8:31

## Blast Conditions

Ceiling Height: 400 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 15 km/hr  
Wind Direction: N  
Temperature: 0.6 °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:	59.1 LAeq	104.1 dB
Edwards:	50.8 LAeq	96.9 dB
Fred:	46.3 LAeq	94.0 dB
Hollinger Office:	59.1 LAeq	113.5 dB
Noah:	65.4 LAeq	104.4 dB
Sandy:	45.1 LAeq	104.0 dB
Water Tower:	51.8 LAeq	112.3 dB
Wilson:	50.2 LAeq	107.4 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:	5.0	5.7	5.3	5.8
Edwards:	2.2	2.8	4.0	4.7
Hollinger Office:	1.6	2.0	2.6	4.3
Sandy:	1.6	2.4	3.0	4.7

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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:	0.8	1.1
Edwards:	2.0	3.3
Hollinger Office:	6.9	13.1
Sandy:	4.2	8.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.5
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.5
Hollinger West:	0.3	0.1	0.3
Imerys:	0.3	0.4	0.5
Noah:	0.8	0.5	0.8
Moneta Pumping Station:	0.7	0.5	0.5
Sandy:	0.6	0.4	0.5
Water Tower:	0.2	0.2	0.4
Wilson:	0.9	0.6	0.8



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