

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_027  
**Date:** 12-Apr-19  
**Blast Time:** 11:41  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 700 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 26 km/hr  
Wind Direction: SE  
Temperature: 0.4 °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:	56.2 LAeq	109.8 dB
Edwards:	52.3 LAeq	115.4 dB
Fred:	47.7 LAeq	118.0 dB
Hollinger Office:	63.1 LAeq	125.8 dB
Noah:	62.6 LAeq	121.4 dB
Sandy:	51.1 LAeq	113.9 dB
Water Tower:	54.9 LAeq	123.0 dB
Wilson:	54.5 LAeq	114.5 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:	5.8	6.0	4.7	5.0
Edwards:	1.7	1.7	5.7	6.2
Hollinger Office:	5.7	6.2	3.0	3.5
Sandy:	3.1	3.4	2.6	3.0

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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:	1.2	1.6
Edwards:	1.4	2.8
Hollinger Office:	1.9	2.5
Sandy:	0.8	1.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.6	0.4	0.7
Hollinger West:	0.2	0.2	0.2
Imerys:	0.8	0.7	1.2
Noah:	0.7	0.8	1.2
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	0.5	0.3	0.5
Water Tower:	0.7	0.5	0.5
Wilson:	0.9	0.5	1.0



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