

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_103  
**Date:** 7-Apr-19  
**Blast Time:** 11:38  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 4500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 17 km/hr  
Wind Direction: NW  
Temperature: 3.8 °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:	54.7 LAeq	103.5 dB
Edwards:	48.0 LAeq	100.1 dB
Fred:	43.6 LAeq	108.8 dB
Hollinger Office:	56.2 LAeq	107.1 dB
Noah:	60.8 LAeq	103.9 dB
Sandy:	41.9 LAeq	106.8 dB
Water Tower:	47.7 LAeq	110.2 dB
Wilson:	47.2 LAeq	108.2 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:	5.6	6.4	2.0	3.2
Edwards:	6.7	8.6	5.8	13.6
Hollinger Office:	25.8	53.2	51.0	136.4
Sandy:	6.6	11.4	12.0	21.0

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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:	0.3	0.5
Edwards:	0.8	1.1
Hollinger Office:	5.6	15.3
Sandy:	3.7	11.0

## 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:	0.0	0.0	0.1
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.6	0.6	0.8
Noah:	0.6	0.6	0.5
Moneta Pumping Station:	0.1	0.1	0.2
Sandy:	0.2	0.1	0.2
Water Tower:	2.4	0.7	1.2
Wilson:	0.6	0.4	0.5