

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_052  
**Date:** 30-Apr-19  
**Blast Time:** 15:49  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 15 km/hr  
Wind Direction: NE  
Temperature: 5.2 °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	103.3 dB
Edwards:	46.0 LAeq	99.8 dB
Fred:	41.6 LAeq	102.1 dB
Hollinger Office:	54.8 LAeq	105.7 dB
Noah:	60.0 LAeq	106.3 dB
Sandy:	42.6 LAeq	107.9 dB
Water Tower:	47.5 LAeq	119.0 dB
Wilson:	46.4 LAeq	108.4 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:	8.0	8.5	2.5	3.1
Edwards:	10.4	13.2	12.2	16.9
Hollinger Office:	13.9	21.2	16.2	30.0
Sandy:	10.0	26.4	10.6	30.8

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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:	0.2	0.3
Edwards:	0.8	1.3
Hollinger Office:	3.1	9.5
Sandy:	5.0	16.6

## 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	0.0
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	2.1	1.0	4.3
Imerys:	0.8	0.8	1.4
Noah:	1.4	1.1	2.1
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.5	0.3	0.4
Water Tower:	1.2	0.8	1.1
Wilson:	2.8	1.4	2.2