

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_074  
**Date:** 20-May-19  
**Blast Time:** 11:49  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 400 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 19 km/hr  
Wind Direction: N  
Temperature: 2.7 °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:	55.0 LAeq	104.8 dB
Edwards:	48.6 LAeq	100.4 dB
Fred:	45.3 LAeq	106.0 dB
Hollinger Office:	56.9 LAeq	109.5 dB
Noah:	62.2 LAeq	103.3 dB
Sandy:	43.3 LAeq	111.7 dB
Water Tower:	50.5 LAeq	122.0 dB
Wilson:	47.3 LAeq	108.7 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:	5.1	5.2	4.3	4.5
Edwards:	2.1	2.2	1.1	2.3
Hollinger Office:	2.8	3.4	5.0	7.9
Sandy:	5.7	8.6	37.3	44.1

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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:	0.4	0.5
Edwards:	0.4	0.7
Hollinger Office:	1.2	2.2
Sandy:	3.7	8.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.4	0.9
Hollinger West:	0.7	0.3	0.6
Imerys:	1.4	1.6	2.4
Noah:	2.0	1.1	1.4
Moneta Pumping Station:	0.5	0.2	0.8
Sandy:	0.8	0.4	0.7
Water Tower:	3.4	1.9	3.1
Wilson:	1.7	1.4	1.6