

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_042, 3340\_106A  
**Date:** 9-Apr-19  
**Blast Time:** 11:46  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 800 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 22 km/hr  
Wind Direction: NE  
Temperature: -3 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	53.6 LAeq	102.0 dB
Edwards:	50.9 LAeq	103.8 dB
Fred:	40.5 LAeq	99.4 dB
Hollinger Office:	56.7 LAeq	106.8 dB
Noah:	60.1 LAeq	105.3 dB
Sandy:	43.0 LAeq	109.7 dB
Water Tower:	48.8 LAeq	111.6 dB
Wilson:	51.3 LAeq	105.6 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.6	6.8	4.5	4.7
Edwards:	4.1	4.4	7.7	8.2
Hollinger Office:	3.0	3.2	5.0	5.5
Sandy:	2.3	2.7	4.4	5.2

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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:	0.6	0.8
Edwards:	1.9	3.2
Hollinger Office:	3.6	8.3
Sandy:	5.5	14.9

## 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:	0.1	0.1	0.2
Hollinger West:	0.4	0.3	0.5
Imerys:	0.3	0.2	0.5
Noah:	0.4	0.7	0.6
Moneta Pumping Station:	0.6	0.4	0.7
Sandy:	1.9	1.4	1.7
Water Tower:	0.4	0.4	0.3
Wilson:	2.2	1.9	3.3



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