

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_053  
**Date:** 1-Mar-19  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 4000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 15 km/hr  
Wind Direction: SW  
Temperature: -5.1 °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:	51.9 LAeq	108.4 dB
Edwards:	46.4 LAeq	108.5 dB
Fred:	42.2 LAeq	107.7 dB
Hollinger Office:	53.8 LAeq	106.6 dB
Noah:	60.9 LAeq	102.9 dB
Sandy:	45.6 LAeq	108.1 dB
Water Tower:	47.2 LAeq	114.4 dB
Wilson:	58.3 LAeq	106.7 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:	7.4	9.4	6.3	7.3
Edwards:	5.0	7.8	13.9	19.5
Hollinger Office:	7.4	13.1	15.9	34.9
Sandy:	3.8	4.3	6.9	7.5

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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:	3.3	4.2
Edwards:	4.3	9.6
Hollinger Office:	8.3	12.0
Sandy:	3.7	6.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.5
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.9	0.8	2.1
Hollinger West:	0.2	0.1	0.2
Imerys:	1.2	1.0	1.9
Noah:	1.4	1.3	1.2
Moneta Pumping Station:	0.2	0.1	0.3
Sandy:	0.3	0.2	0.4
Water Tower:	0.6	0.7	0.6
Wilson:	1.0	1.1	0.9