

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_102, 3350.5\_001  
**Date:** 19-Mar-19  
**Blast Time:** 15:34  
**Blast Sign Activation:** 8:03  
**Website Notification Time:** 7:49

## Blast Conditions

Ceiling Height: 4000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 13 km/hr  
Wind Direction: SW  
Temperature: -3.5 °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:	50.0 LAeq	109.0 dB
Edwards:	48.6 LAeq	101.7 dB
Fred:	43.2 LAeq	100.6 dB
Hollinger Office:	52.0 LAeq	117.0 dB
Noah:	57.9 LAeq	104.4 dB
Sandy:	55.3 LAeq	107.5 dB
Water Tower:	48.4 LAeq	115.6 dB
Wilson:	53.5 LAeq	107.4 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:	6.2	6.6	8.0	8.7
Edwards:	12.9	22.2	13.6	33.7
Hollinger Office:	5.5	8.6	10.1	14.5
Sandy:	5.9	6.8	4.9	6.5

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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:	2.6	4.6
Edwards:	18.6	97.0
Hollinger Office:	7.3	12.2
Sandy:	2.6	4.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	4.3	2.2	5.6
Hollinger West:	0.4	0.5	0.6
Imerys:	0.8	0.4	1.7
Noah:	0.8	0.7	0.7
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	1.9	0.9	1.8
Water Tower:	0.2	0.2	0.2
Wilson:	1.9	1.6	1.7