

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_032  
**Date:** 9-Mar-19  
**Blast Time:** 11:42  
**Blast Sign Activation:** 7:19  
**Website Notification Time:** 7:09

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 9 km/hr  
Wind Direction: S  
Temperature: -4.1 °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:	48.0 LAeq	102.2 dB
Edwards:	40.6 LAeq	104.3 dB
Fred:	38.6 LAeq	95.4 dB
Hollinger Office:	48.8 LAeq	109.6 dB
Noah:	55.2 LAeq	106.3 dB
Sandy:	40.9 LAeq	111.6 dB
Water Tower:	44.8 LAeq	119.3 dB
Wilson:	56.5 LAeq	106.9 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:	5.0	5.2	4.1	4.5
Edwards:	3.7	3.9	7.5	8.0
Hollinger Office:	7.3	23.9	13.7	41.3
Sandy:	1.9	2.7	4.9	6.1

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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:	1.9	2.4
Edwards:	1.5	2.1
Hollinger Office:	10.7	25.3
Sandy:	1.5	2.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.6	1.1
Hollinger West:	0.4	0.4	0.3
Imerys:	0.9	0.8	1.2
Noah:	1.5	1.4	1.8
Moneta Pumping Station:	0.5	0.2	0.3
Sandy:	0.7	0.5	0.8
Water Tower:	0.9	0.6	1.1
Wilson:	1.4	2.0	2.6