

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_023  
**Date:** 10-Mar-19  
**Blast Time:** 11:45  
**Blast Sign Activation:** 7:20  
**Website Notification Time:** 7:09

## Blast Conditions

Ceiling Height: 1400 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 19 km/hr  
Wind Direction: E  
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:	55.3 LAeq	102.2 dB
Edwards:	53.6 LAeq	107.9 dB
Fred:	41.7 LAeq	110.7 dB
Hollinger Office:	53.8 LAeq	111.7 dB
Noah:	55.1 LAeq	110.8 dB
Sandy:	45.3 LAeq	110.6 dB
Water Tower:	51.7 LAeq	115.4 dB
Wilson:	53.1 LAeq	107.5 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:	11.3	16.3	12.6	22.2
Edwards:	11.1	12.8	18.1	24.9
Hollinger Office:	20.3	26.7	15.6	22.4
Sandy:	8.0	8.9	8.6	9.9

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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:	2.3	2.7
Edwards:	2.7	3.3
Hollinger Office:	2.2	2.7
Sandy:	2.5	3.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	0.5	0.5	0.4
Imerys:	0.4	0.4	0.8
Noah:	0.8	0.8	0.8
Moneta Pumping Station:	0.8	0.5	0.6
Sandy:	3.0	1.7	2.7
Water Tower:	0.6	0.5	0.6
Wilson:	2.3	2.3	2.2