

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_085  
**Date:** 22-Jan-19  
**Blast Time:** 11:37  
**Blast Sign Activation:** 8:15  
**Website Notification Time:** 8:04

## Blast Conditions

Ceiling Height: 16000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 9 km/hr  
Wind Direction: S  
Temperature: -13.8 °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:	50.6 LAeq	107.6 dB
Edwards:	46.5 LAeq	105.8 dB
Fred:	44.4 LAeq	104.5 dB
Hollinger Office:	55.2 LAeq	114.3 dB
Noah:	55.7 LAeq	109.7 dB
Sandy:	47.3 LAeq	105.4 dB
Water Tower:	51.9 LAeq	112.5 dB
Wilson:	51.8 LAeq	103.1 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:	4.9	9.5	5.3	10.7
Edwards:	2.2	3.1	5.2	8.9
Hollinger Office:	13.4	17.0	10.2	18.8
Sandy:	1.3	1.3	2.7	3.0

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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:	1.7	2.9
Edwards:	2.2	4.1
Hollinger Office:	4.5	6.2
Sandy:	14.9	17.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.8	0.6	0.8
Hollinger West:	0.1	0.2	0.1
Imerys:	0.0	0.0	0.0
Noah:	0.5	0.3	1.0
Moneta Pumping Station:	0.3	0.2	0.2
Sandy:	0.4	0.2	0.4
Water Tower:	0.4	0.2	0.3
Wilson:	1.4	0.6	0.8