

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_094  
**Date:** 23-Jan-19  
**Blast Time:** 11:53  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 5600 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 0 km/hr  
Wind Direction: N  
Temperature: -8.5 °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:	50.4 LAeq	96.9 dB
Edwards:	41.8 LAeq	86.9 dB
Fred:	38.3 LAeq	77.7 dB
Hollinger Office:	52.4 LAeq	101.6 dB
Noah:	56.4 LAeq	99.7 dB
Sandy:	40.4 LAeq	108.1 dB
Water Tower:	44.7 LAeq	108.6 dB
Wilson:	53.5 LAeq	99.4 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.8	9.8	6.8	7.8
Edwards:	9.8	19.5	18.0	32.4
Hollinger Office:			21.3	38.7
Sandy:	21.6	60.4	27.8	45.4

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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:	13.6	15.1
Edwards:	33.5	50.2
Hollinger Office:	33.7	75.7
Sandy:	74.7	197.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.4	0.6	0.3
Imerys:	0.2	0.2	0.3
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	0.5	0.5	0.4
Sandy:	4.3	2.9	3.2
Water Tower:	0.2	0.3	0.3
Wilson:	1.1	1.4	1.6