

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_080  
**Date:** 4-Jan-19  
**Blast Time:** 13:45  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 9:00

## Blast Conditions

Ceiling Height: 1800 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 11 km/hr  
Wind Direction: W  
Temperature: 2.5 °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:	52.8 LAeq	104.3 dB
Edwards:	50.6 LAeq	97.1 dB
Fred:	43.4 LAeq	93.1 dB
Hollinger Office:	52.9 LAeq	109.6 dB
Noah:	60.0 LAeq	100.2 dB
Sandy:	46.2 LAeq	101.4 dB
Water Tower:	45.8 LAeq	112.5 dB
Wilson:	64.0 LAeq	119.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.8	5.2	7.3	7.6
Edwards:	6.2	7.8	7.6	12.3
Hollinger Office:	3.7	12.0	35.3	131.1
Sandy:	2.4	3.2	3.9	5.2

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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:	7.1	11.2
Edwards:	15.7	34.7
Hollinger Office:	13.4	17.1
Sandy:	3.7	6.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.5
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.2	0.6	0.2
Imerys:	0.4	0.5	1.2
Noah:	0.3	0.3	0.5
Moneta Pumping Station:	0.7	0.2	0.5
Sandy:	0.7	0.4	0.5
Water Tower:	0.2	0.2	0.2
Wilson:	0.7	0.6	1.3