

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_084  
**Date:** 16-Jan-19  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 22 km/hr  
Wind Direction: W  
Temperature: -25.4 °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:	54.2 LAeq	108.1 dB
Edwards:	49.4 LAeq	97.2 dB
Fred:	41.1 LAeq	105.4 dB
Hollinger Office:	54.5 LAeq	110.0 dB
Noah:	60.7 LAeq	106.7 dB
Sandy:	41.9 LAeq	106.8 dB
Water Tower:	47.0 LAeq	113.4 dB
Wilson:	50.0 LAeq	107.0 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:	4.7	13.7	2.2	2.8
Edwards:	13.4	77.4	4.3	6.3
Hollinger Office:	23.2	31.5	5.8	8.0
Sandy:	10.9	25.0	6.7	10.8

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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:	3.0	3.7
Edwards:	3.5	5.5
Hollinger Office:	8.4	9.9
Sandy:	7.9	14.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.6	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.5	1.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.6	0.4	0.6
Noah:	0.5	0.6	0.8
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.2	0.3
Water Tower:	0.2	0.2	0.3
Wilson:	0.8	0.6	0.8