

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_163, 3346\_166PS, 3346\_147PS  
**Date:** 31-Jan-19  
**Blast Time:** 11:42  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 7:40

## Blast Conditions

Ceiling Height: 2300 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 19 km/hr  
Wind Direction: W  
Temperature: -28.3 °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:	52.3 LAeq	111.9 dB
Edwards:	49.0 LAeq	108.5 dB
Fred:	41.1 LAeq	106.9 dB
Hollinger Office:	54.0 LAeq	116.4 dB
Noah:	57.8 LAeq	108.3 dB
Sandy:	43.4 LAeq	101.0 dB
Water Tower:	49.8 LAeq	113.8 dB
Wilson:	54.6 LAeq	107.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.2	7.4	3.1	4.8
Edwards:	11.5	17.5	20.9	38.2
Hollinger Office:	48.3	58.9	25.3	37.2
Sandy:	5.0	6.2	5.4	7.3

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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:	1.8	3.5
Edwards:	17.7	39.0
Hollinger Office:	10.5	16.9
Sandy:	1.8	2.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.8	2.0	1.7
Edwards:	0.4	0.4	0.4
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.2	0.6
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.3	0.2	0.4
Water Tower:	0.3	0.2	0.3
Wilson:	0.6	0.6	0.5