

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_145  
**Date:** 24-Dec-18  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:50

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 4 km/hr  
Wind Direction: N  
Temperature: -15 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	53.5 LAeq	105.9 dB
Edwards:	43.8 LAeq	97.4 dB
Fred:	35.4 LAeq	88.2 dB
Hollinger Office:	59.2 LAeq	114.1 dB
Noah:	59.0 LAeq	105.6 dB
Sandy:	40.2 LAeq	104.7 dB
Water Tower:	46.1 LAeq	109.4 dB
Wilson:	46.3 LAeq	102.3 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.5	1.6	2.2	2.6
Edwards:	0.8	1.3	2.0	2.4
Hollinger Office:	3.8	4.1	2.8	4.5
Sandy:	3.8	5.2	3.6	5.5

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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	2.0
Edwards:	3.2	4.0
Hollinger Office:	9.7	25.5
Sandy:	10.7	24.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.7
Edwards:	0.1	0.1	0.2
Hollinger Office:	1.6	1.0	2.1
Hollinger West:	0.1	0.1	0.2
Imerys:	1.5	0.8	1.6
Noah:	1.0	1.3	2.6
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.3	0.1	0.2
Water Tower:	0.4	0.4	0.3
Wilson:	1.0	0.8	0.9