

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_059  
**Date:** 12-Dec-18  
**Blast Time:** 11:47  
**Blast Sign Activation:** 7:50  
**Website Notification Time:** 7:40

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 13 km/hr  
Wind Direction: SE  
Temperature: -8.9 °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:	51.2 LAeq	105.9 dB
Edwards:	45.4 LAeq	100.9 dB
Fred:	46.2 LAeq	102.7 dB
Hollinger Office:	57.1 LAeq	107.1 dB
Noah:	58.9 LAeq	101.9 dB
Sandy:	52.9 LAeq	110.3 dB
Water Tower:	48.7 LAeq	112.4 dB
Wilson:	53.3 LAeq	99.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.8	7.1	5.4	7.7
Edwards:	2.3	2.6	6.5	7.2
Hollinger Office:	11.2	16.7	18.5	45.8
Sandy:	4.1	5.1	6.9	9.2

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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:	1.6	3.5
Edwards:	0.6	1.6
Hollinger Office:	15.2	33.1
Sandy:	3.4	4.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.3	0.3	0.2
Imerys:	0.4	0.3	0.4
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.8	0.4	0.6
Sandy:	2.0	0.9	2.0
Water Tower:	0.4	0.3	0.3
Wilson:	1.2	0.7	1.4