

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_158, 3346\_151  
**Date:** 6-Jan-19  
**Blast Time:** 11:53  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1300 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 17 km/hr  
Wind Direction: NW  
Temperature: -15.8 °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:	50.2 LAeq	108.6 dB
Edwards:	45.8 LAeq	97.6 dB
Fred:	39.5 LAeq	99.7 dB
Hollinger Office:	54.5 LAeq	114.3 dB
Noah:	60.7 LAeq	102.3 dB
Sandy:	39.4 LAeq	104.8 dB
Water Tower:	53.4 LAeq	108.0 dB
Wilson:	62.7 LAeq	111.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.8	4.5	3.2	6.0
Edwards:	2.1	2.6	5.4	6.3
Hollinger Office:	6.0	6.4	4.8	5.5
Sandy:	6.7	13.4	5.3	11.9

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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:	0.6	1.1
Edwards:	3.8	8.1
Hollinger Office:	3.2	4.4
Sandy:	3.6	5.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.6
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.3	1.0	2.4
Hollinger West:	0.1	0.1	0.1
Imerys:	1.3	1.1	1.1
Noah:	0.8	0.9	1.8
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.1	0.2
Water Tower:	0.3	0.6	0.3
Wilson:	0.9	0.4	1.1