

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_051  
**Date:** 29-Apr-19  
**Blast Time:** 11:55  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 16000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 9 km/hr  
Wind Direction: NW  
Temperature: 2.6 °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	101.4 dB
Edwards:	45.5 LAeq	92.4 dB
Fred:	41.8 LAeq	94.5 dB
Hollinger Office:	54.9 LAeq	109.1 dB
Noah:	59.8 LAeq	101.0 dB
Sandy:	41.9 LAeq	110.8 dB
Water Tower:	47.2 LAeq	114.1 dB
Wilson:	47.6 LAeq	104.9 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:	6.7	8.2	5.8	7.9
Edwards:	9.8	13.2	10.0	18.4
Hollinger Office:	15.0	18.4	15.5	20.3
Sandy:	10.0	29.4	10.4	40.1

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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	0.8
Edwards:	1.4	2.8
Hollinger Office:	3.7	5.0
Sandy:	3.9	18.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	1.0	0.6	1.1
Imerys:	0.5	0.4	0.7
Noah:	0.4	0.5	0.6
Moneta Pumping Station:	0.7	0.5	0.7
Sandy:	2.4	2.0	2.4
Water Tower:	0.5	0.4	0.4
Wilson:	1.8	1.1	1.8