

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_053  
**Date:** 25-Apr-19  
**Blast Time:** 11:42  
**Blast Sign Activation:** 7:38  
**Website Notification Time:** 7:25

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 16 km/hr  
Wind Direction: SW  
Temperature: 12.5 °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:	53.5 LAeq	101.6 dB
Edwards:	48.2 LAeq	97.4 dB
Fred:	41.4 LAeq	101.8 dB
Hollinger Office:	54.8 LAeq	104.6 dB
Noah:	60.3 LAeq	102.8 dB
Sandy:	46.3 LAeq	109.2 dB
Water Tower:	47.8 LAeq	112.5 dB
Wilson:	47.0 LAeq	107.2 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:	9.2	9.9	9.4	9.9
Edwards:	3.7	4.9	14.0	18.4
Hollinger Office:	30.9	100.4	45.1	114.5
Sandy:	6.9	8.0	10.9	14.8

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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:	1.1	1.9
Edwards:	14.8	24.7
Hollinger Office:	6.8	12.4
Sandy:	1.3	1.5

## 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	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	1.0	0.6	2.0
Imerys:	0.5	0.4	0.6
Noah:	0.7	0.5	0.7
Moneta Pumping Station:	0.8	0.5	0.7
Sandy:	1.7	1.1	1.7
Water Tower:	0.5	0.3	0.3
Wilson:	2.9	2.4	3.5



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