

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3328\_012/3334\_039  
**Date:** 2-Apr-19  
**Blast Time:** 15:55  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 5000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 7 km/hr  
Wind Direction: W  
Temperature: 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:	52.7 LAeq	100.7 dB
Edwards:	46.1 LAeq	95.5 dB
Fred:	41.5 LAeq	97.5 dB
Hollinger Office:	55.7 LAeq	107.9 dB
Noah:	59.4 LAeq	104.7 dB
Sandy:	46.5 LAeq	114.1 dB
Water Tower:	48.3 LAeq	116.7 dB
Wilson:	47.6 LAeq	109.6 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:	8.9	9.3	6.5	7.3
Edwards:	9.5	11.8	11.0	14.8
Hollinger Office:	9.1	17.2	20.1	68.8
Sandy:	8.2	17.7	14.1	31.2

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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:	2.4	4.6
Edwards:	2.5	7.2
Hollinger Office:	7.2	15.0
Sandy:	2.0	3.7

## 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:	0.3	0.3	0.4
Hollinger West:	0.7	0.8	0.8
Imerys:	0.5	0.5	0.9
Noah:	0.7	0.6	1.1
Moneta Pumping Station:	0.9	0.8	1.0
Sandy:	3.8	2.1	2.4
Water Tower:	0.7	0.6	0.6
Wilson:	2.3	2.4	3.2