

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_025  
**Date:** 31-Mar-19  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 26 km/hr  
Wind Direction: NW  
Temperature: -8.6 °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:	54.0 LAeq	105.3 dB
Edwards:	46.4 LAeq	98.1 dB
Fred:	42.6 LAeq	105.3 dB
Hollinger Office:	53.2 LAeq	109.0 dB
Noah:	57.7 LAeq	109.4 dB
Sandy:	41.5 LAeq	114.2 dB
Water Tower:	48.4 LAeq	114.1 dB
Wilson:	45.6 LAeq	108.2 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:	6.6	7.6	3.2	4.2
Edwards:	7.7	13.9	15.2	30.6
Hollinger Office:	13.2	18.9	19.2	33.3
Sandy:	16.2	31.4	17.0	34.1

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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:	0.4	0.6
Edwards:	0.7	1.0
Hollinger Office:	2.1	3.1
Sandy:	5.0	11.6

## 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	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.4	0.4	0.6
Imerys:	0.3	0.4	0.5
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	0.9	0.5	0.9
Sandy:	4.7	2.2	3.7
Water Tower:	0.4	0.3	0.5
Wilson:	1.3	1.0	2.3