

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_098  
**Date:** 27-Mar-19  
**Blast Time:** 11:45  
**Blast Sign Activation:** 7:38  
**Website Notification Time:** 7:28

## Blast Conditions

Ceiling Height: 12000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 19 km/hr  
Wind Direction: S  
Temperature: 4.5 °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:	54.6 LAeq	105.9 dB
Edwards:	50.5 LAeq	112.6 dB
Fred:	47.1 LAeq	109.5 dB
Hollinger Office:	55.2 LAeq	116.7 dB
Noah:	58.4 LAeq	114.7 dB
Sandy:	49.1 LAeq	110.7 dB
Water Tower:	56.0 LAeq	113.1 dB
Wilson:	51.2 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:	10.0	11.6	8.5	11.9
Edwards:	19.5	30.1	18.6	25.4
Hollinger Office:	15.4	37.1	25.8	59.5
Sandy:	12.3	14.4	13.1	16.1

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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:	1.7	2.8
Edwards:	2.8	5.8
Hollinger Office:	8.8	41.3
Sandy:	3.0	5.0

## 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:	0.0	0.0	0.0
Hollinger Office:	0.6	0.4	0.7
Hollinger West:	0.2	0.1	0.1
Imerys:	0.7	0.7	1.5
Noah:	0.5	0.6	0.8
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.1	0.2
Water Tower:	0.6	0.6	0.5
Wilson:	0.5	0.6	0.5