

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_100  
**Date:** 21-Mar-19  
**Blast Time:** 11:45  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 9 km/hr  
Wind Direction: SW  
Temperature: 3.8 °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:	47.3 LAeq	103.0 dB
Edwards:	47.0 LAeq	100.0 dB
Fred:	50.5 LAeq	99.9 dB
Hollinger Office:	52.3 LAeq	109.2 dB
Noah:	57.3 LAeq	104.9 dB
Sandy:	48.4 LAeq	102.3 dB
Water Tower:	55.1 LAeq	107.9 dB
Wilson:	52.3 LAeq	105.8 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:	12.6	14.4	13.5	14.8
Edwards:	8.1	8.8	19.7	22.2
Hollinger Office:	10.9	15.8	22.9	30.9
Sandy:	5.3	6.9	11.6	14.0

# Hollinger Public Blast Report



## 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:	1.4	2.1
Edwards:	8.3	19.1
Hollinger Office:	13.4	40.0
Sandy:	2.9	3.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.5
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.9	0.6	1.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.3	1.1
Noah:	0.7	0.5	0.6
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.2	0.1	0.2
Water Tower:	0.2	0.1	0.2
Wilson:	0.6	0.3	0.6