

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_156, 3340\_060  
**Date:** 8-Dec-18  
**Blast Time:** 11:52  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 19 km/hr  
Wind Direction: W  
Temperature: -10.8 °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:	54.6 LAeq	108.1 dB
Edwards:	48.0 LAeq	102.8 dB
Fred:	42.9 LAeq	103.5 dB
Hollinger Office:	55.6 LAeq	115.2 dB
Noah:	59.7 LAeq	108.8 dB
Sandy:	41.9 LAeq	109.2 dB
Water Tower:	47.4 LAeq	114.2 dB
Wilson:	46.8 LAeq	103.9 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.8	5.4	1.8	3.2
Edwards:	10.4	12.2	6.5	8.1
Hollinger Office:	12.3	12.7	8.0	9.4
Sandy:	8.8	9.8	4.9	5.5

# 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:	1.6	1.8
Edwards:	1.8	2.2
Hollinger Office:	4.3	5.5
Sandy:	2.9	3.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.2	0.2	0.2
Imerys:	0.5	0.5	0.7
Noah:	0.6	0.4	0.7
Moneta Pumping Station:	0.8	0.5	0.5
Sandy:	1.4	0.6	1.5
Water Tower:	0.3	0.4	0.4
Wilson:	1.7	1.5	1.9