

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_156  
**Date:** 4-Mar-19  
**Blast Time:** 11:48  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 6 km/hr  
Wind Direction: SW  
Temperature: 15 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	47.7 LAeq	105.4 dB
Edwards:	49.6 LAeq	94.9 dB
Fred:	38.3 LAeq	97.2 dB
Hollinger Office:	52.1 LAeq	109.8 dB
Noah:	57.3 LAeq	103.6 dB
Sandy:	40.3 LAeq	101.6 dB
Water Tower:	43.0 LAeq	104.9 dB
Wilson:	47.5 LAeq	99.8 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.5	7.4	4.5	5.9
Edwards:	7.4	19.2	13.9	30.6
Hollinger Office:	4.7	8.7	9.6	19.9
Sandy:	2.3	2.6	4.6	5.3

# 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:	4.4	9.6
Edwards:	10.2	27.5
Hollinger Office:	5.1	7.2
Sandy:	2.1	3.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.8	0.9
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:			
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.3	0.2	0.2
Sandy:	0.3	0.2	0.3
Water Tower:	0.1	0.1	0.2
Wilson:	0.5	0.4	0.5