

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_153, 3398\_007b/c, 3328-008a/b  
**Date:** 30-Nov-18  
**Blast Time:** 11:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 8000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 7 km/hr  
Wind Direction: S  
Temperature: -2.4 °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:	51.6 LAeq	106.2 dB
Edwards:	43.3 LAeq	97.2 dB
Fred:	41.8 LAeq	82.8 dB
Hollinger Office:	53.8 LAeq	111.7 dB
Noah:	59.5 LAeq	106.9 dB
Sandy:	46.1 LAeq	107.2 dB
Water Tower:	47.2 LAeq	116.1 dB
Wilson:	47.3 LAeq	108.0 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:	3.0	4.2	2.8	4.2
Edwards:	1.1	1.4	3.6	4.6
Hollinger Office:	7.9	11.6	9.5	25.8
Sandy:	4.2	6.1	5.2	8.8

# 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:	11.4	27.5
Edwards:	5.0	9.0
Hollinger Office:	17.3	35.1
Sandy:	2.2	2.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	1	1.0
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.4	0.4	0.5
Hollinger West:	0.2	0.3	0.4
Imerys:	0.4	0.4	0.9
Noah:	0.6	0.3	0.7
Moneta Pumping Station:	1.0	0.7	0.8
Sandy:	1.8	1	1.4
Water Tower:	0.3	0.3	0.6
Wilson:	3.1	1.2	3.5