

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_121  
**Date:** 11-Nov-18  
**Blast Time:** 13:45  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 6 km/hr  
Wind Direction: SE  
Temperature: -7 °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:	50.2 LAeq	107.9 dB
Edwards:	41.4 LAeq	103.5 dB
Fred:	40.1 LAeq	93.6 dB
Hollinger Office:	50.9 LAeq	118.0 dB
Noah:	57.5 LAeq	104.3 dB
Sandy:	41.4 LAeq	101.1 dB
Water Tower:	45.1 LAeq	108.3 dB
Wilson:	43.1 LAeq	103.6 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:	0.9	2.2		
Edwards:	9.0	18.3	10.7	21.2
Hollinger Office:	21.9	110.9	12.2	49.0
Sandy:	9.2	18.8	3.4	6.0

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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:	2.0	3.6
Edwards:	16.1	46.2
Hollinger Office:	2.8	7.4
Sandy:	0.9	1.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.5	0.5
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.6	0.9	2.0
Hollinger West:	0.1	0.1	0.1
Imerys:	0.6	0.5	1.4
Noah:	1.1	0.6	1.2
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.1	0.2
Water Tower:	0.4	0.1	0.2
Wilson:	0.8	0.4	0.8