

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_077, 3355\_009  
**Date:** 28-Dec-18  
**Blast Time:** 13:53  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 100 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 24 km/hr  
Wind Direction: NW  
Temperature: -8.8 °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:	60.7 LAeq	108.6 dB
Edwards:	51.1 LAeq	105.0 dB
Fred:	46.5 LAeq	110.1 dB
Hollinger Office:	59.4 LAeq	112.8 dB
Noah:	58.3 LAeq	107.0 dB
Sandy:	44.3 LAeq	111.0 dB
Water Tower:	52.0 LAeq	115.6 dB
Wilson:	55.3 LAeq	115.4 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:	4.1	5.7	3.9	4.9
Edwards:	11.7	22.7	3.2	4.9
Hollinger Office:	21.9	24.9	6.9	12.0
Sandy:	18.9	36.6	9.1	20.0

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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:	0.9	1.0
Edwards:	1.8	2.7
Hollinger Office:	9.6	21.5
Sandy:	2.4	3.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.6	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	3.0	2.0	3.2
Hollinger West:	0.2	0.3	0.2
Imerys:	0.7	0.7	1.1
Noah:	0.5	0.5	0.8
Moneta Pumping Station:	0.5	0.4	0.6
Sandy:	1.8	0.9	1.6
Water Tower:	0.2	0.3	0.2
Wilson:	0.9	0.8	0.9