

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_012  
**Date:** 13-Feb-19  
**Blast Time:** 11:37  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 700 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 15 km/hr  
Wind Direction: NNE  
Temperature: °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:	51.0 LAeq	103.6 dB
Edwards:	44.5 LAeq	98.6 dB
Fred:	40.3 LAeq	104.2 dB
Hollinger Office:	54.5 LAeq	108.7 dB
Noah:	58.1 LAeq	107.6 dB
Sandy:	51.7 LAeq	114.8 dB
Water Tower:	45.7 LAeq	115.3 dB
Wilson:	55.6 LAeq	110.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.1	13.0	10.8	25.8
Edwards:	17.6	26.3	5.2	7.0
Hollinger Office:	71.7	90.0	11.2	13.7
Sandy:	20.5	40.9	9.9	20.7

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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:	1.0	1.3
Edwards:	3.5	5.7
Hollinger Office:	17.0	28.0
Sandy:	11.9	49.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.5	0.6
Hollinger West:	0.2	0.3	0.4
Imerys:	0.4	0.4	0.7
Noah:	0.9	0.6	0.9
Moneta Pumping Station:	1.5	0.5	0.7
Sandy:	1.2	1.5	1.5
Water Tower:	0.4	0.5	0.7
Wilson:			