

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_007, 3359\_003  
**Date:** 22-Dec-18  
**Blast Time:** 11:41  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 7:26

## Blast Conditions

Ceiling Height: 900 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 20 km/hr  
Wind Direction: NW  
Temperature: -14 °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:	53.8 LAeq	111.9 dB
Edwards:	50.9 LAeq	103.3 dB
Fred:	LAeq	dB
Hollinger Office:	58.2 LAeq	110.2 dB
Noah:	60.1 LAeq	104.7 dB
Sandy:	46.0 LAeq	112.6 dB
Water Tower:	47.8 LAeq	119.4 dB
Wilson:	50.4 LAeq	108.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.6	3.6	3.1	3.8
Edwards:	9.2	14.4	3.2	4.0
Hollinger Office:	12.0	13.0	4.7	8.3
Sandy:	11.0	18.1	2.8	7.6

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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:	1.9	2.6
Edwards:	1.5	2.2
Hollinger Office:	9.6	29.4
Sandy:	2.5	5.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.5	0.5	1.9
Hollinger West:	0.5	0.9	0.6
Imerys:	1.1	0.8	1.7
Noah:	1.9	1.3	1.7
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	0.6	0.6	0.6
Water Tower:	1.8	2.3	1.6
Wilson:	2.4	1.4	2.4