

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_072, 3358\_166  
**Date:** 11-Dec-18  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 9000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 9 km/hr  
Wind Direction: N  
Temperature: -5.7 °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:	52.8 LAeq	110.6 dB
Edwards:	46.9 LAeq	105.9 dB
Fred:	43.0 LAeq	95.6 dB
Hollinger Office:	57.4 LAeq	118.6 dB
Noah:	58.9 LAeq	109.4 dB
Sandy:	40.2 LAeq	116.0 dB
Water Tower:	46.7 LAeq	116.8 dB
Wilson:	49.5 LAeq	103.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.1	10.3	8.5	9.7
Edwards:	5.7	7.1	13.1	16.4
Hollinger Office:	13.4	15.4	16.2	20.1
Sandy:	6.4	11.6	14.8	31.6

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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:	1.8	2.4
Edwards:	7.0	8.8
Hollinger Office:	23.1	34.2
Sandy:	10.7	25.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.6	0.7
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.5	0.4	0.6
Hollinger West:	0.7	0.9	0.9
Imerys:	0.5	0.4	0.5
Noah:	0.8	0.4	0.8
Moneta Pumping Station:	1.6	0.5	0.6
Sandy:	1.1	0.9	1.2
Water Tower:	0.4	0.4	0.4
Wilson:	3.3	1.4	2.8