

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_150, 3328\_009  
**Date:** 20-Jan-19  
**Blast Time:** 11:51  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:25

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 17 km/hr  
Wind Direction: N  
Temperature: -28.6 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	52.3 LAeq	101.8 dB
Edwards:	46.0 LAeq	96.2 dB
Fred:	41.0 LAeq	103.0 dB
Hollinger Office:	52.9 LAeq	109.0 dB
Noah:	58.5 LAeq	103.4 dB
Sandy:	40.0 LAeq	108.1 dB
Water Tower:	46.5 LAeq	113.6 dB
Wilson:	45.2 LAeq	103.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.7	12.6	5.5	8.8
Edwards:	4.5	4.9	12.1	13.5
Hollinger Office:	19.1	21.4	14.6	17.9
Sandy:	7.2	8.1	13.1	17.3

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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:	0.8	1.2
Edwards:	3.1	4.3
Hollinger Office:	4.3	6.4
Sandy:	6.8	10.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.3	0.5	0.5
Hollinger West:	0.1	0.2	0.3
Imerys:	0.4	0.5	1.0
Noah:	0.9	0.5	0.8
Moneta Pumping Station:	0.8	0.5	0.4
Sandy:	1.4	1.0	1.1
Water Tower:	0.4	0.2	0.6
Wilson:	2.1	1.5	2.0