

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_021, 3355\_016  
**Date:** 27-Feb-19  
**Blast Time:** 11:45  
**Blast Sign Activation:** 7:36  
**Website Notification Time:** 7:24

## Blast Conditions

Ceiling Height: 1700 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 7 km/hr  
Wind Direction: S  
Temperature: -12.9 °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:	45.9 LAeq	107.7 dB
Edwards:	49.7 LAeq	99.1 dB
Fred:	46.7 LAeq	100.2 dB
Hollinger Office:	53.3 LAeq	106.1 dB
Noah:	57.1 LAeq	96.6 dB
Sandy:	42.3 LAeq	104.9 dB
Water Tower:	46.3 LAeq	108.3 dB
Wilson:	49.4 LAeq	95.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.8	6.2	4.5	4.8
Edwards:	4.3	5.3	9.2	10.7
Hollinger Office:			6.5	7.7
Sandy:	2.7	3.0	5.0	5.4

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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:	2.3	3.8
Edwards:	9.5	22.3
Hollinger Office:	3.1	6.1
Sandy:	3.3	5.0

## 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:	0.1	0.1	0.2
Hollinger Office:	0.6	0.5	0.6
Hollinger West:	0.3	0.3	0.3
Imerys:	0.7	0.7	1.7
Noah:	1.0	0.8	1.2
Moneta Pumping Station:	0.5	0.2	0.3
Sandy:	0.9	0.5	0.9
Water Tower:	0.6	0.6	0.6
Wilson:	1.1	1.2	1.5