

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_080, 3346\_168  
**Date:** 4-Jun-19  
**Blast Time:** 11:38  
**Blast Sign Activation:** 7:40  
**Website Notification Time:** 7:24

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 13 km/hr  
Wind Direction: W  
Temperature: 14.9 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	54.7 LAeq	104.3 dB
Edwards:	49.2 LAeq	101.9 dB
Fred:	45.0 LAeq	103.2 dB
Hollinger Office:	55.5 LAeq	110.2 dB
Noah:	61.5 LAeq	101.3 dB
Sandy:	44.9 LAeq	102.4 dB
Water Tower:	51.9 LAeq	112.6 dB
Wilson:	46.7 LAeq	106.9 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.9	11.5	4.0	6.1
Edwards:	17.4	39.5	24.0	102.6
Hollinger Office:			44.9	132.3
Sandy:	6.7	7.2	6.2	9.4

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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:	1.4	2.7
Edwards:	3.4	6.4
Hollinger Office:	3.1	4.7
Sandy:	0.9	1.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.5
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.7	0.3	0.4
Hollinger West:	0.5	0.5	0.7
Imerys:	0.6	1.0	0.8
Noah:	0.6	0.8	0.7
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.6	0.3	0.8
Water Tower:	2.5	2.3	3.1
Wilson:	0.5	0.6	0.7